

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
 Data File : VV032161.D
 Acq On : 22 Sep 2023 14:53
 Operator : SY/MD
 Sample : 04527-08ME
 Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EZYK7ME

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Title : VOC Analysis

Signal : TIC: VV032161.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.275	65	73	101	rVB	79187	120099	1.25%	0.092%
2	2.037	299	310	328	rBV	157199	230400	2.40%	0.177%
3	2.449	423	438	447	rVV2	23223	52018	0.54%	0.040%
4	3.799	849	858	892	rBV	39765	140043	1.46%	0.108%
5	4.246	980	997	1019	rBV	110601	297961	3.11%	0.229%
6	4.571	1085	1098	1111	rBV3	24638	59384	0.62%	0.046%
7	4.950	1200	1216	1245	rBV2	288678	741474	7.73%	0.570%
8	5.529	1381	1396	1431	rBV	288782	674399	7.03%	0.519%
9	5.986	1525	1538	1549	rBV	156302	338206	3.53%	0.260%
10	6.915	1811	1827	1848	rVB	86618	184093	1.92%	0.142%
11	7.188	1900	1912	1919	rBV2	65950	128194	1.34%	0.099%
12	7.243	1919	1929	1948	rVB	325051	608239	6.34%	0.468%
13	7.580	2019	2034	2056	rVB2	85394	257969	2.69%	0.198%
14	7.773	2085	2094	2106	rBV2	45839	81298	0.85%	0.063%
15	8.043	2159	2178	2200	rBV3	113345	443214	4.62%	0.341%
16	8.165	2201	2216	2224	rBV4	107203	217878	2.27%	0.168%
17	8.220	2224	2233	2242	rBV	316830	498778	5.20%	0.384%
18	8.281	2242	2252	2261	rBV2	128797	220522	2.30%	0.170%
19	8.439	2290	2301	2312	rBV4	78115	144553	1.51%	0.111%
20	8.526	2312	2328	2335	rBV5	173613	429699	4.48%	0.331%
21	8.600	2344	2351	2362	rVB	229069	364193	3.80%	0.280%
22	8.725	2377	2390	2400	rBV	288589	481371	5.02%	0.370%
23	8.786	2400	2409	2422	rBV	436525	768507	8.01%	0.591%
24	8.928	2444	2453	2457	rBV2	96992	163958	1.71%	0.126%
25	9.037	2473	2487	2495	rBV3	427861	923157	9.63%	0.710%
26	9.092	2495	2504	2511	rVV	786566	1392742	14.52%	1.071%
27	9.137	2511	2518	2543	rVB4	419941	1072336	11.18%	0.825%
28	9.252	2543	2554	2568	rBV2	152073	287684	3.00%	0.221%
29	9.349	2575	2584	2588	rBV3	66098	100192	1.04%	0.077%
30	9.410	2589	2603	2621	rVV2	1101305	2096527	21.86%	1.613%
31	9.490	2621	2628	2629	rBV2	97604	98206	1.02%	0.076%
32	9.516	2631	2636	2647	rVB	193719	287842	3.00%	0.221%
33	9.616	2658	2667	2669	rBV2	372556	509622	5.31%	0.392%
34	9.648	2670	2677	2687	rVV4	1053785	1822314	19.00%	1.402%
35	9.735	2690	2704	2714	rVV4	2435861	4850419	50.57%	3.731%
36	9.789	2714	2721	2732	rVV	1460689	2437868	25.42%	1.875%

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Title : VOC Analysis

37	9.863	2733	2744	2753	rVV4	310034	806136	8.41%	0.620%
38	9.915	2753	2760	2766	rVV3	301712	499240	5.21%	0.384%
39	9.956	2766	2773	2782	rVV2	794177	1402031	14.62%	1.078%
40	10.027	2783	2795	2801	rVV2	1079878	2028185	21.15%	1.560%
41	10.059	2802	2805	2816	rVB4	575323	719801	7.51%	0.554%
42	10.165	2817	2838	2855	rBV6	1166442	3559957	37.12%	2.738%
43	10.294	2869	2878	2885	rBV	623815	1069531	11.15%	0.823%
44	10.391	2901	2908	2916	rBV5	331074	504192	5.26%	0.388%
45	10.448	2917	2926	2936	rBV	2541488	4113060	42.88%	3.164%
46	10.519	2938	2948	2968	rVB7	701000	2155665	22.48%	1.658%
47	10.625	2970	2981	2985	rBV2	352788	614097	6.40%	0.472%
48	10.664	2985	2993	3003	rBV4	1007382	1566620	16.33%	1.205%
49	10.821	3034	3042	3047	rBV	1484867	2203779	22.98%	1.695%
50	10.857	3048	3053	3075	rVB3	1875288	3889225	40.55%	2.991%
51	11.034	3084	3108	3118	rBV6	1149700	3971573	41.41%	3.055%
52	11.098	3118	3128	3136	rVV3	2936421	4667511	48.67%	3.590%
53	11.140	3137	3141	3149	rVB4	550801	751263	7.83%	0.578%
54	11.188	3149	3156	3164	rBV3	883285	1356595	14.14%	1.043%
55	11.236	3165	3171	3178	rVB3	626731	793720	8.28%	0.610%
56	11.281	3178	3185	3192	rBV	928108	1247259	13.00%	0.959%
57	11.403	3217	3223	3234	rVB3	597151	982186	10.24%	0.755%
58	11.490	3236	3250	3259	rBV2	968880	1942551	20.25%	1.494%
59	11.548	3260	3268	3270	rBV2	825666	1048929	10.94%	0.807%
60	11.686	3297	3311	3327	rBV7	1967391	6185648	64.49%	4.758%
61	11.763	3328	3335	3354	rVB	2511595	4725022	49.27%	3.634%
62	11.857	3355	3364	3366	rBV	1236350	1545045	16.11%	1.188%
63	11.882	3367	3372	3381	rVB	2013387	2803905	29.23%	2.157%
64	11.934	3381	3388	3390	rBV2	665494	769255	8.02%	0.592%
65	11.960	3392	3396	3402	rVB	892930	1021878	10.65%	0.786%
66	12.062	3418	3428	3430	rBV	1082220	1469091	15.32%	1.130%
67	12.201	3458	3471	3479	rBV6	997097	2049180	21.37%	1.576%
68	12.255	3479	3488	3497	rVB3	1329506	2367856	24.69%	1.821%
69	12.313	3497	3506	3513	rBV	2280053	3549795	37.01%	2.730%
70	12.358	3513	3520	3528	rVV3	1381098	2127659	22.18%	1.636%
71	12.410	3528	3536	3546	rVB	3051929	4314040	44.98%	3.318%
72	12.493	3555	3562	3570	rBV2	719827	1008368	10.51%	0.776%
73	12.535	3570	3575	3582	rVB3	276944	352001	3.67%	0.271%
74	12.587	3583	3591	3597	rBV	443632	732346	7.64%	0.563%
75	12.667	3612	3616	3630	rVB3	1049398	1547208	16.13%	1.190%
76	12.738	3631	3638	3646	rBV2	514492	729087	7.60%	0.561%

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77	12.792	3647	3655	3659	rVV3	681623	1025934	10.70%	0.789%
78	12.828	3660	3666	3679	rVV2	1248662	2970872	30.98%	2.285%
79	12.892	3680	3686	3696	rVB	1063019	1657489	17.28%	1.275%
80	12.943	3696	3702	3706	rBV	321367	365151	3.81%	0.281%
81	12.988	3707	3716	3743	rVB	5622115	9590930	100.00%	7.377%
82	13.104	3745	3752	3760	rBV2	272600	413490	4.31%	0.318%
83	13.156	3762	3768	3776	rVB2	289990	424031	4.42%	0.326%
84	13.210	3776	3785	3792	rBV4	754471	1290556	13.46%	0.993%
85	13.310	3812	3816	3822	rVB	254678	266275	2.78%	0.205%
86	13.439	3841	3856	3865	rBV3	758248	1661256	17.32%	1.278%
87	13.487	3866	3871	3881	rVB4	188351	280852	2.93%	0.216%
88	13.551	3882	3891	3901	rBV	881047	1453307	15.15%	1.118%
89	13.648	3913	3921	3933	rVB4	510136	875234	9.13%	0.673%
90	13.911	3999	4003	4010	rVB	84750	98458	1.03%	0.076%
91	14.046	4032	4045	4056	rBV	1178483	1958492	20.42%	1.506%
92	14.307	4117	4126	4134	rVB6	78508	128377	1.34%	0.099%
93	14.371	4136	4146	4160	rBV2	734184	1167935	12.18%	0.898%
94	14.513	4184	4190	4197	rBV5	30258	48089	0.50%	0.037%
95	14.570	4198	4208	4218	rVV3	158506	303180	3.16%	0.233%
96	14.754	4256	4265	4278	rVB	610077	970926	10.12%	0.747%
97	14.931	4315	4320	4333	rVB2	34690	57723	0.60%	0.044%
98	15.496	4489	4496	4502	rBV2	40306	64443	0.67%	0.050%
99	15.609	4522	4531	4546	rVB2	59091	106888	1.11%	0.082%
100	15.754	4568	4576	4584	rBV	81323	118443	1.23%	0.091%

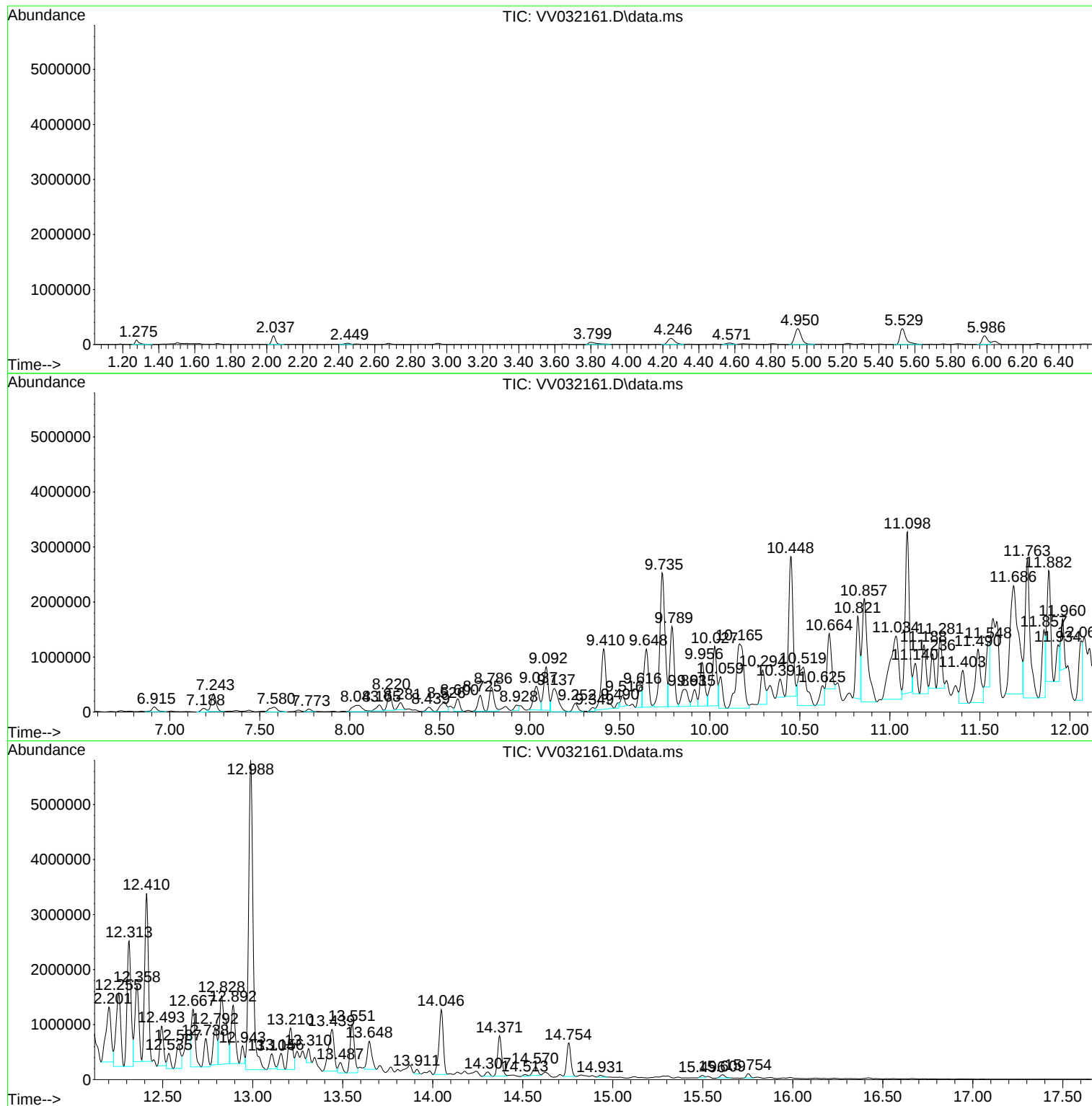
Sum of corrected areas: 130014180

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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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MSVOA_V
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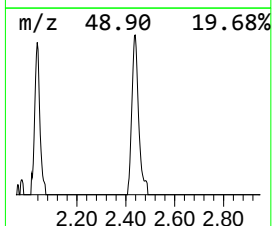
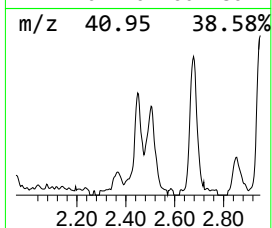
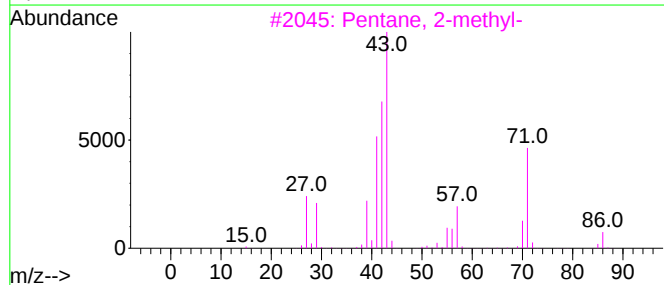
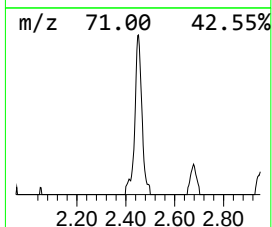
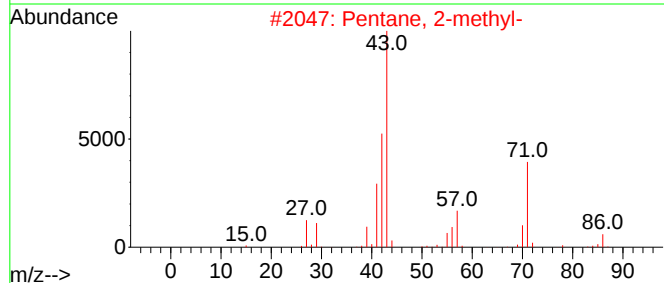
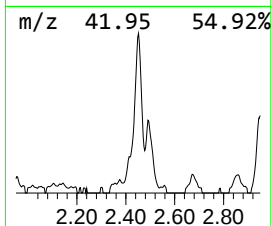
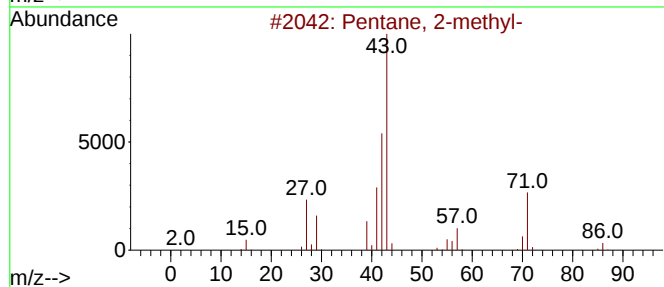
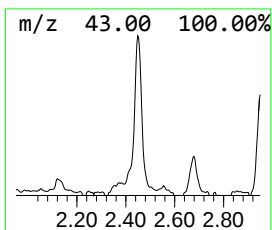
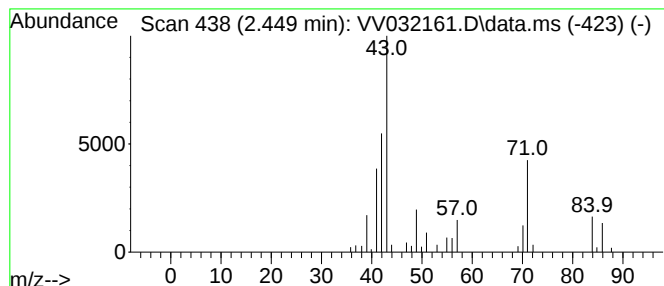
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.449	3.86 ug/L	52018	1,4-Difluorobenzene	5.532

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2-methyl-	86	C6H14	000107-83-5	43
2		Pentane, 2-methyl-	86	C6H14	000107-83-5	43
3		Pentane, 2-methyl-	86	C6H14	000107-83-5	43
4		Pentane, 2-methyl-	86	C6H14	000107-83-5	43
5		Pentane, 2-methyl-	86	C6H14	000107-83-5	38



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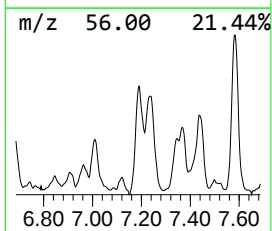
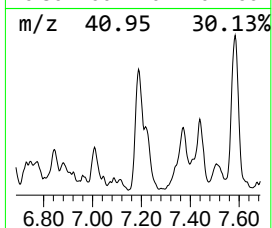
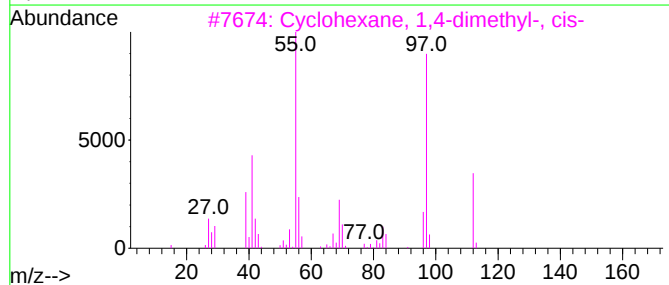
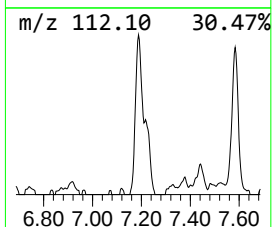
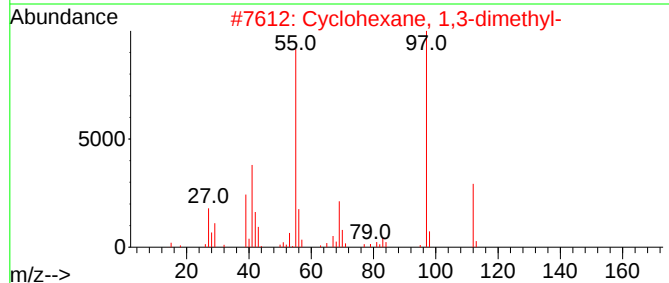
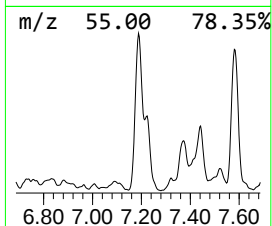
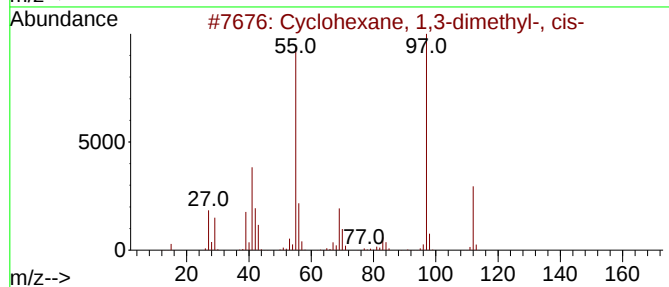
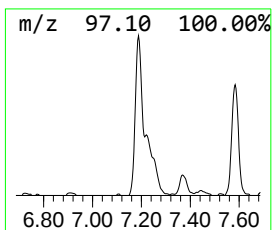
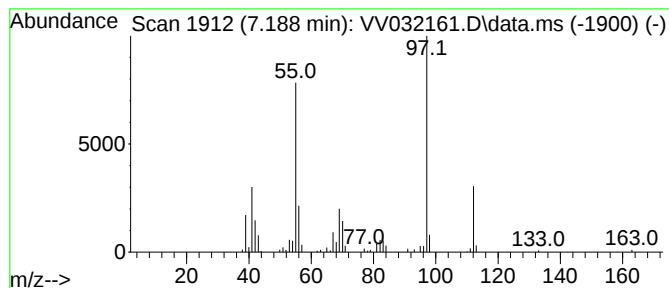
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic7.188 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.188	8.34 ug/L	128194	Chlorobenzene-d5	8.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	95
2			Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	95
3			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
4			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	91
5			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	91



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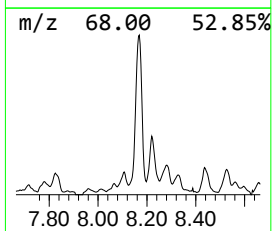
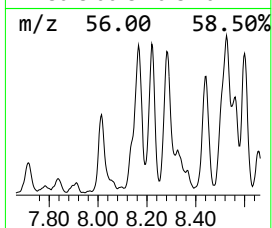
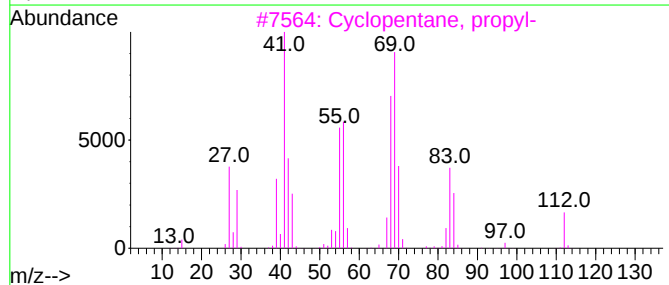
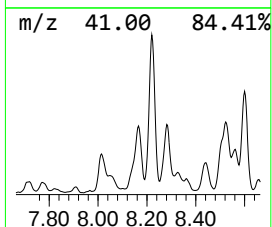
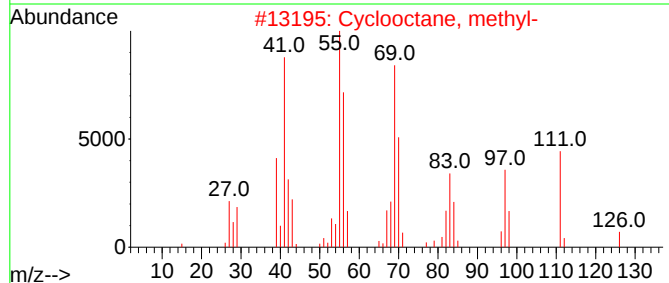
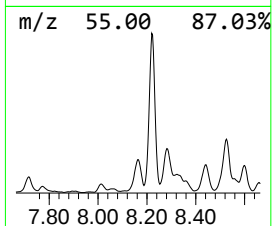
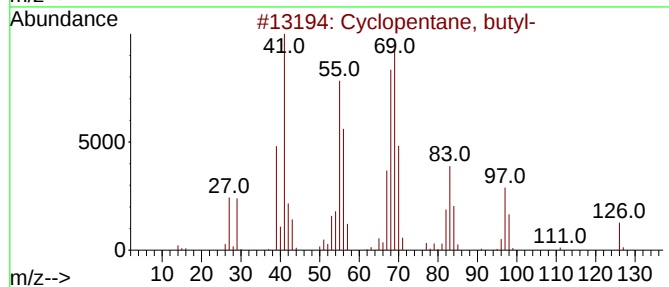
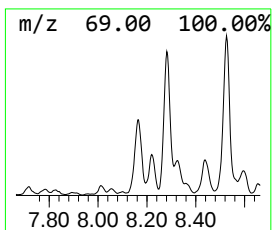
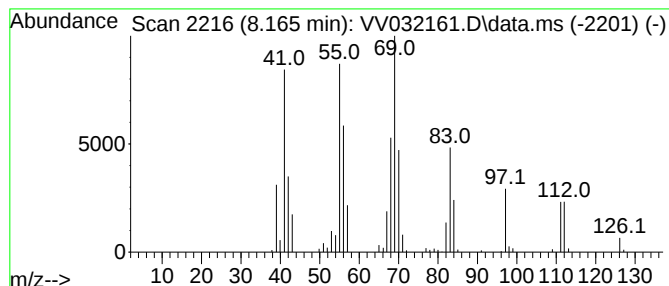
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic8.165 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.165	14.18 ug/L	217878	Chlorobenzene-d5	8.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, butyl-	126	C9H18	002040-95-1	76
2			Cyclooctane, methyl-	126	C9H18	001502-38-1	64
3			Cyclopentane, propyl-	112	C8H16	002040-96-2	58
4			Cyclopentane, propyl-	112	C8H16	002040-96-2	58
5			Cyclooctane, methyl-	126	C9H18	001502-38-1	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

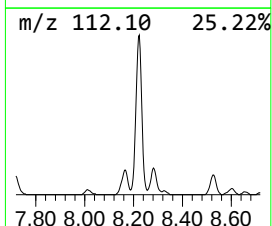
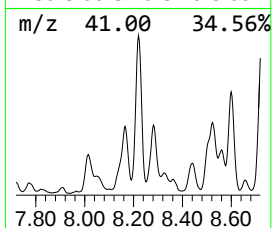
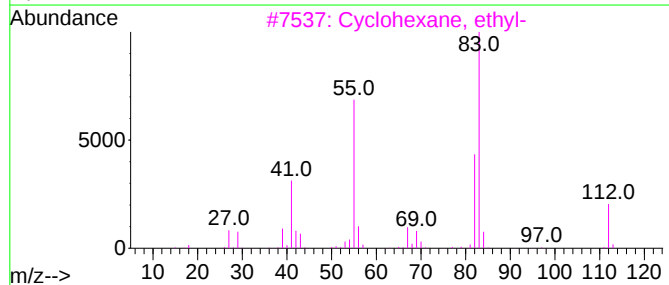
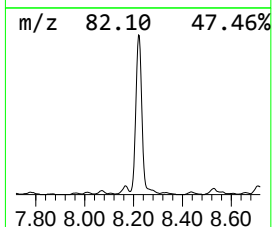
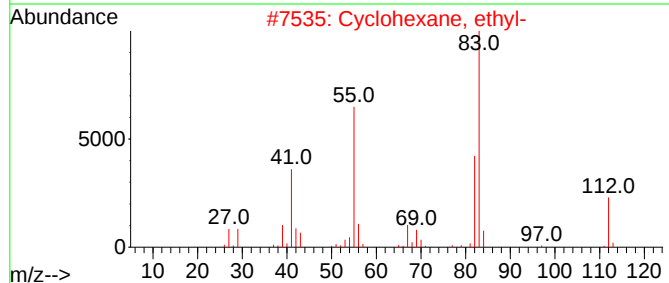
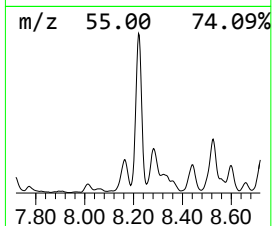
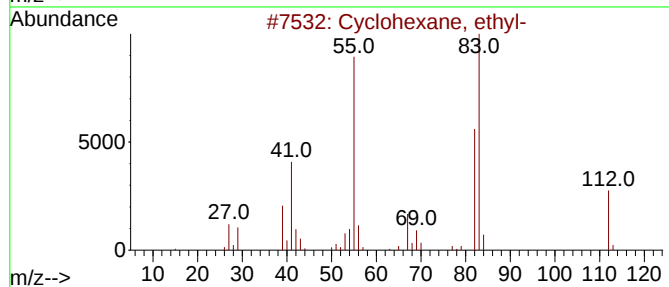
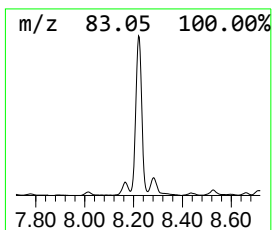
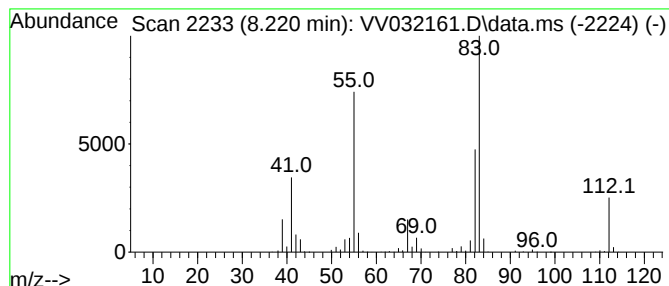
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Cyclic8.220 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.220	32.45 ug/L	498778	Chlorobenzene-d5	8.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	97
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

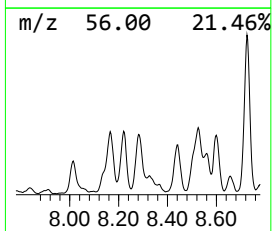
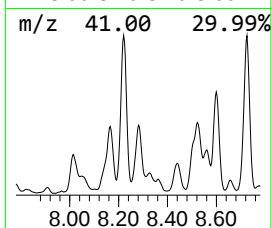
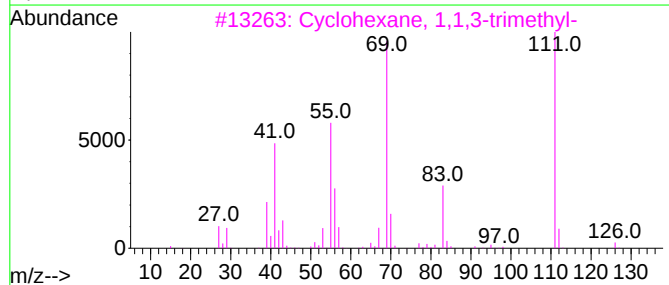
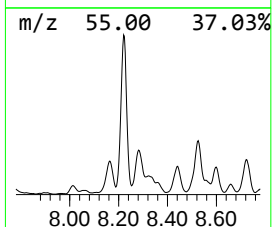
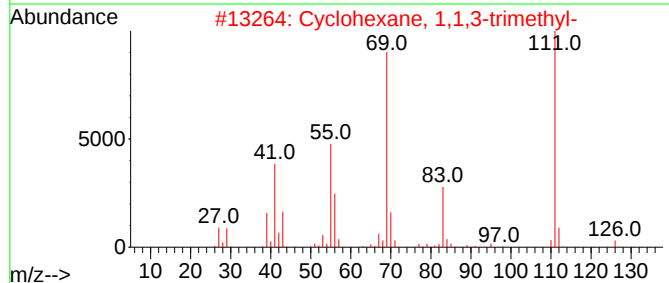
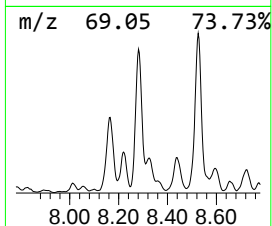
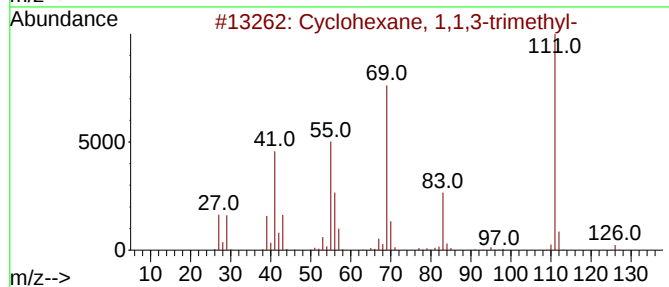
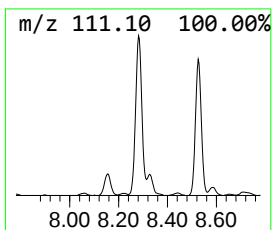
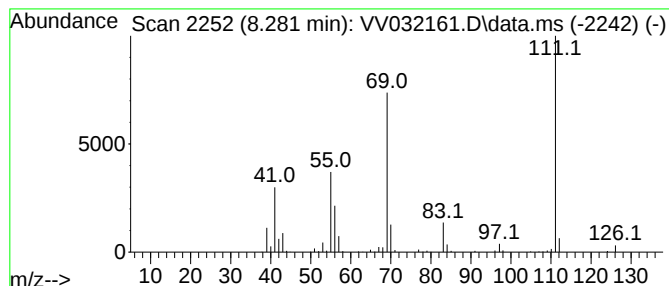
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Cyclic8.281 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.281	14.35 ug/L	220522	Chlorobenzene-d5	8.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	86
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	86
4			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	78
5			Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

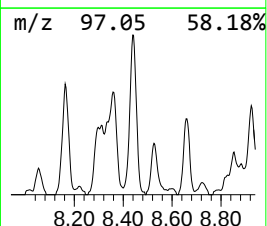
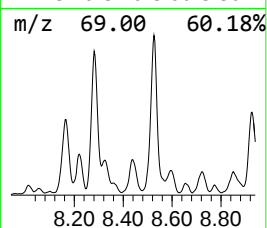
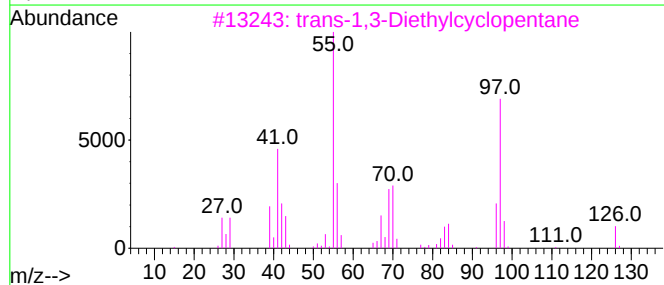
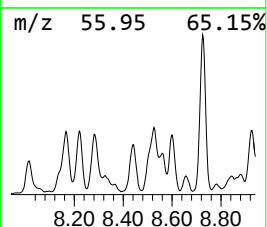
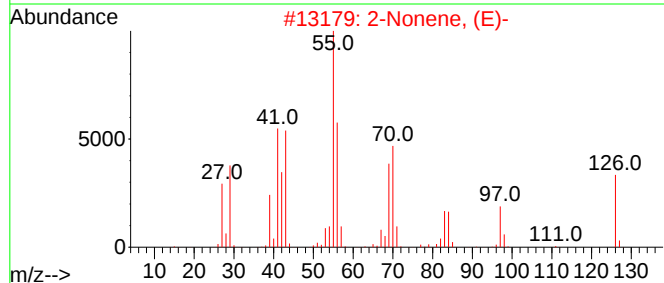
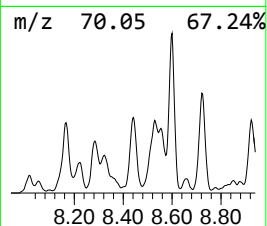
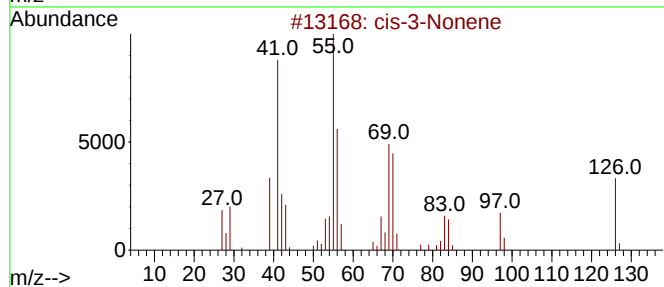
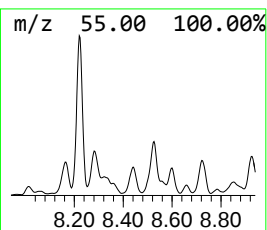
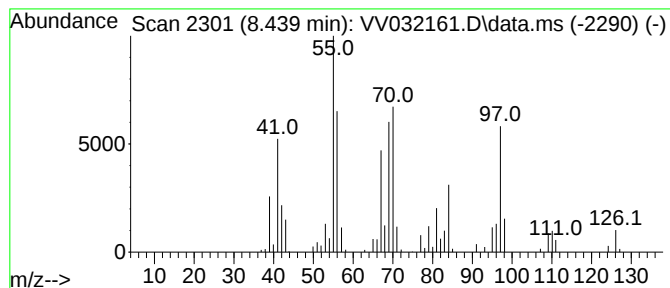
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.439	9.40 ug/L	144553	Chlorobenzene-d5	8.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-3-Nonene	126	C9H18	020237-46-1	46
2			2-Nonene, (E)-	126	C9H18	006434-78-2	46
3			trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	43
4			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	42
5			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

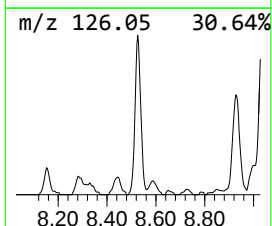
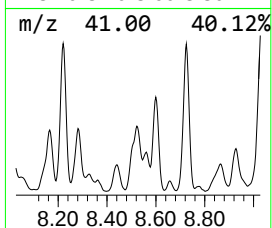
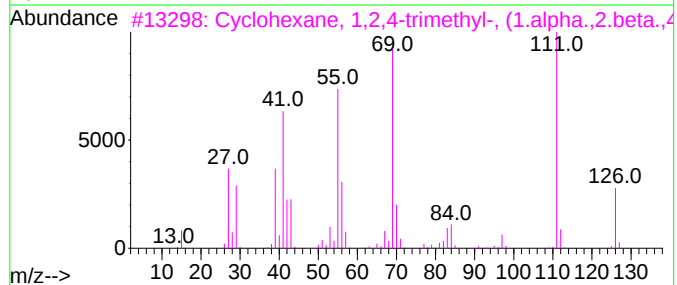
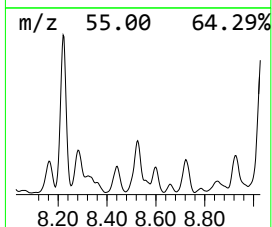
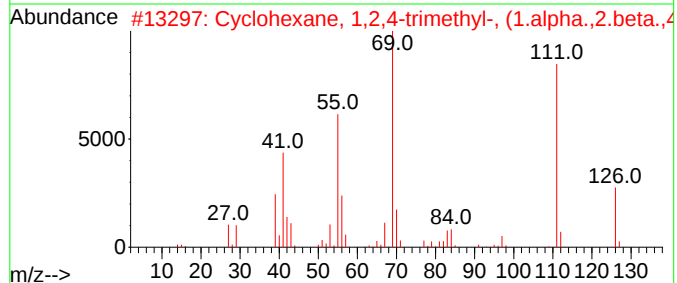
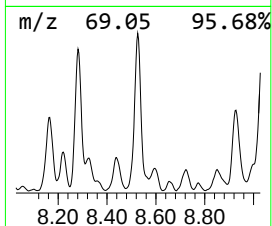
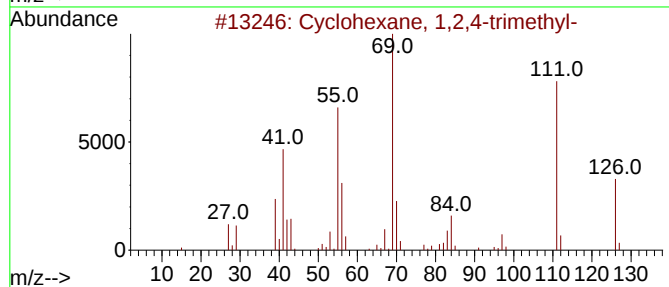
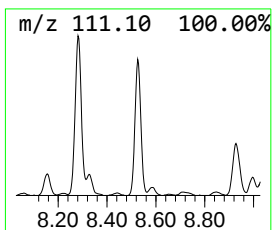
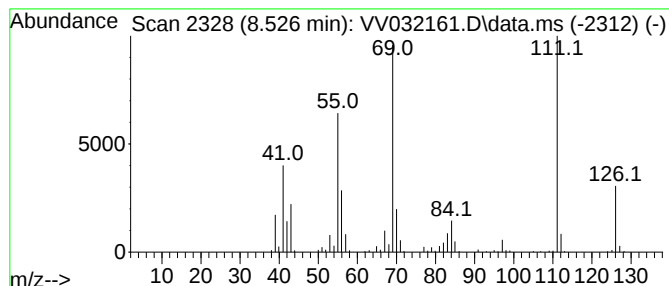
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Cyclic8.526 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.526	27.96 ug/L	429699	Chlorobenzene-d5	8.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	94
2			Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	94
3			Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	90
4			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-27-3	87
5			Cyclohexane, 1,3,5-trimethyl-, (...)	126	C9H18	001795-26-2	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

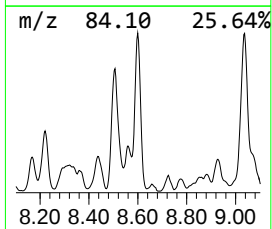
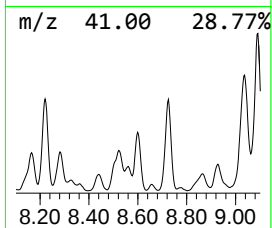
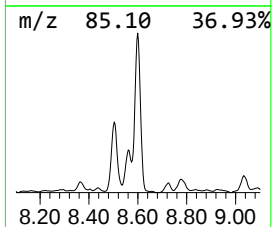
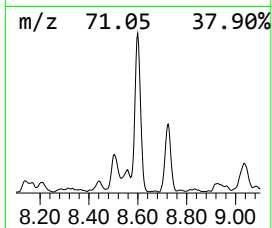
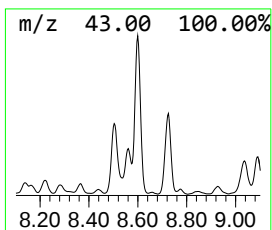
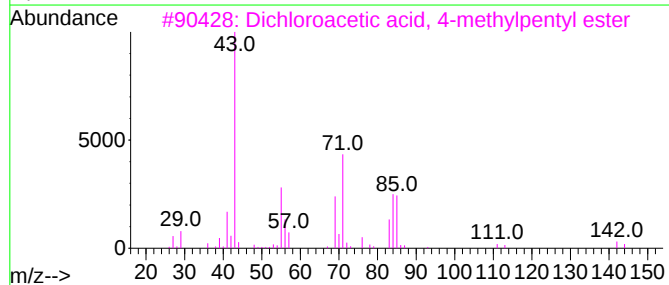
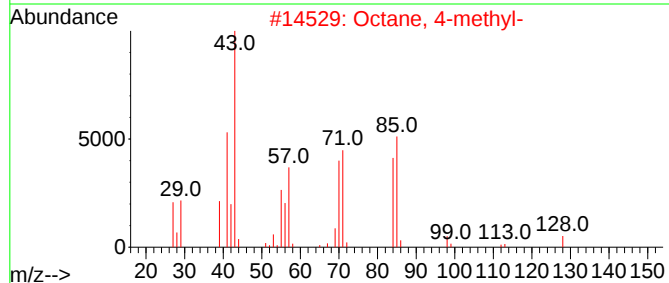
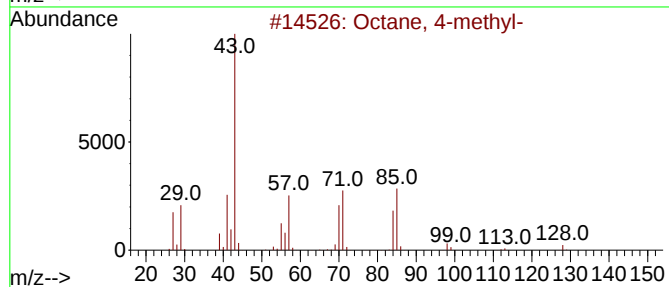
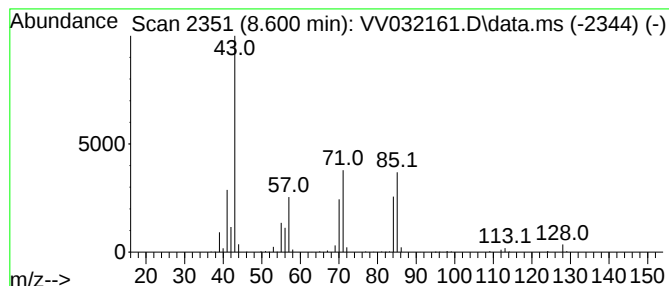
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.600	23.69 ug/L	364193	Chlorobenzene-d5	8.786

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 4-methyl-	128	C9H20	002216-34-4	91
2		Octane, 4-methyl-	128	C9H20	002216-34-4	87
3		Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	59
4		Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	59
5		Heptane, 4-ethyl-	128	C9H20	002216-32-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

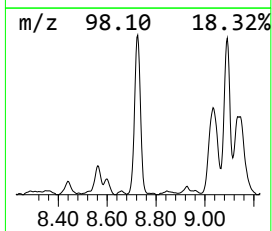
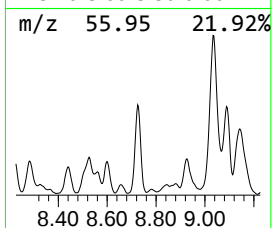
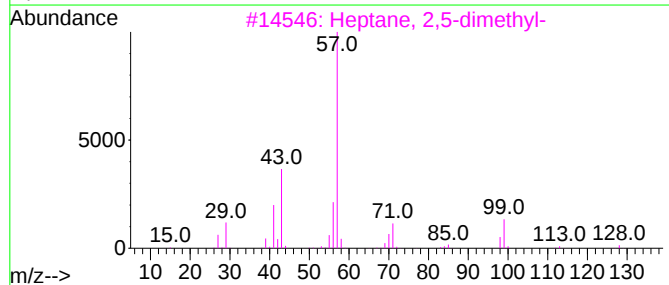
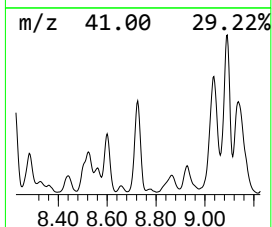
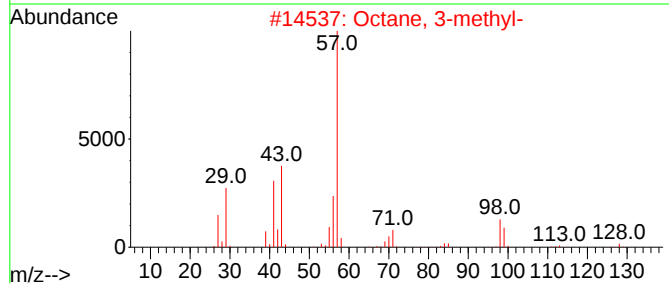
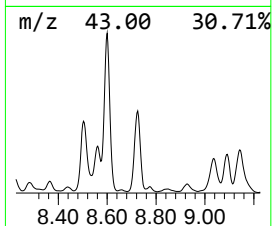
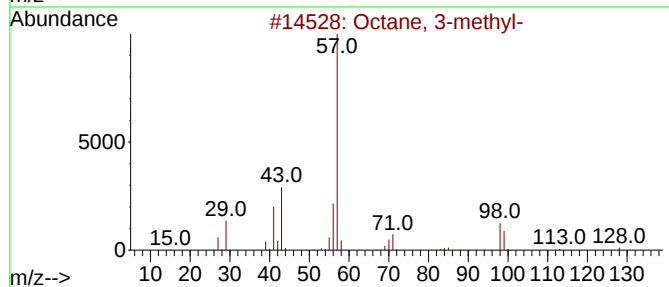
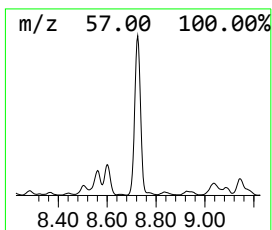
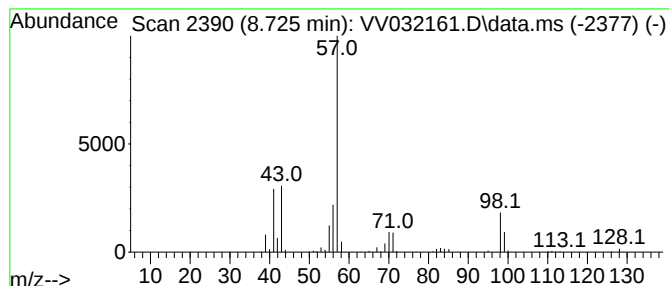
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.725	31.32 ug/L	481371	Chlorobenzene-d5	8.786

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 3-methyl-	128	C9H20	002216-33-3	91
2		Octane, 3-methyl-	128	C9H20	002216-33-3	91
3		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	86
4		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
5		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

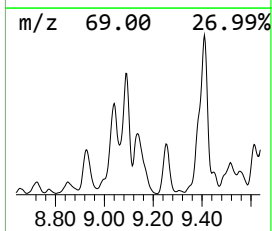
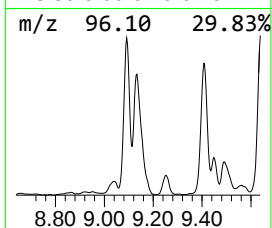
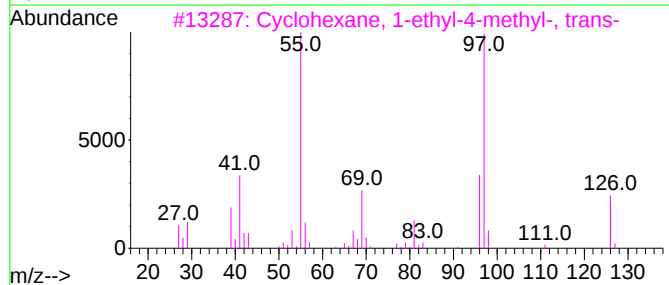
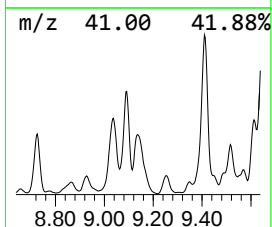
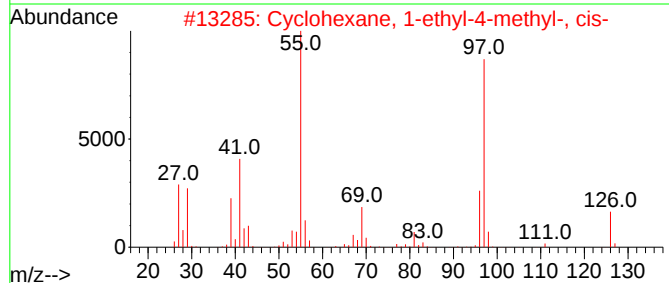
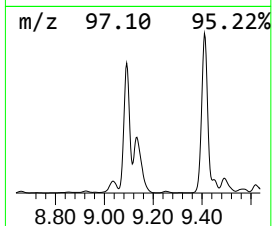
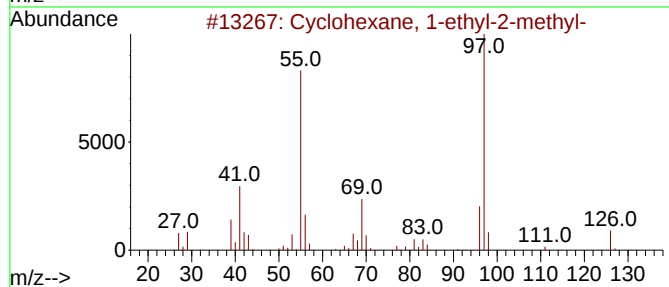
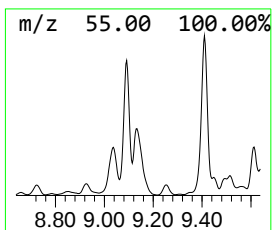
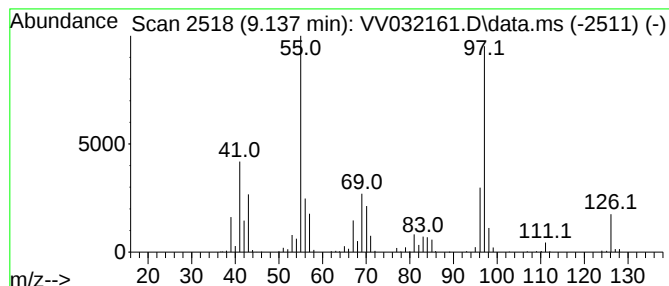
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Cyclic9.137 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.137	69.77 ug/L	1072340	Chlorobenzene-d5	8.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	74
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	74
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	72
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	72
5			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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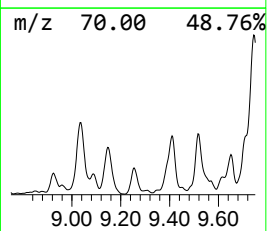
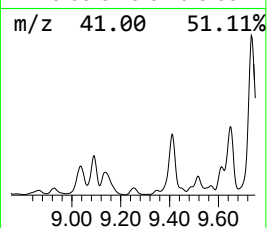
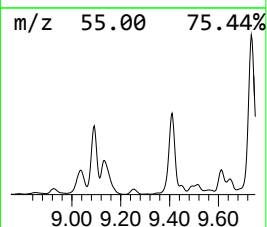
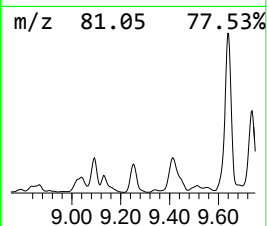
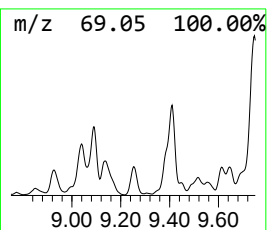
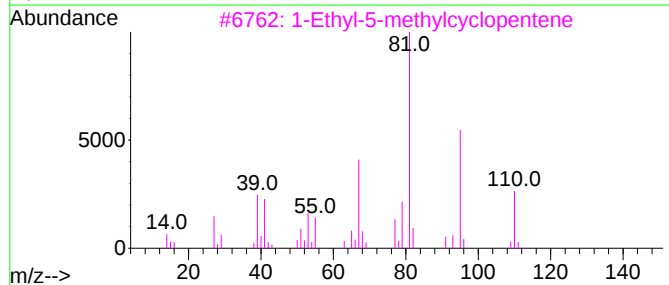
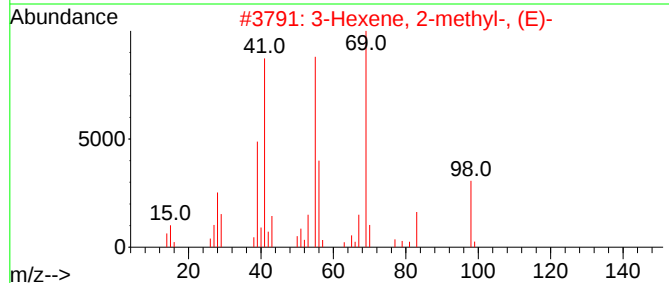
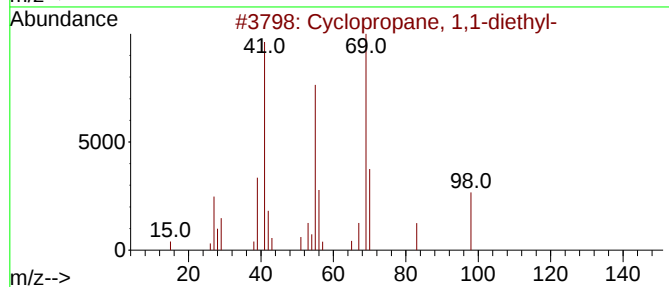
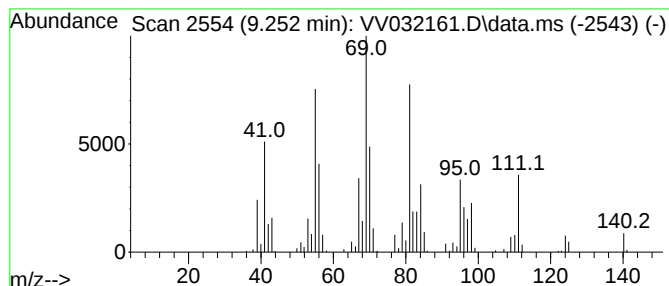
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Cyclic9.252 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.252	18.72 ug/L	287684	Chlorobenzene-d5	8.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	38
2			3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	38
3			1-Ethyl-5-methylcyclopentene	110	C8H14	097797-57-4	35
4			3-Methyl-3-hexene	98	C7H14	003404-65-7	30
5			Pentane, 3-methylene-	84	C6H12	000760-21-4	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

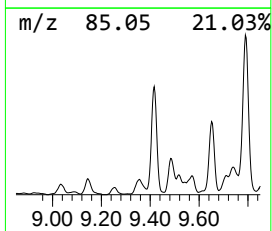
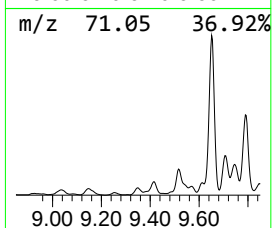
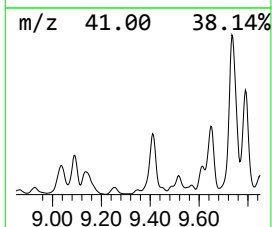
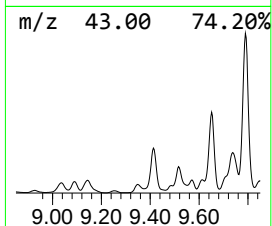
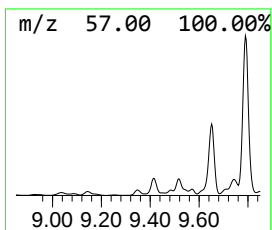
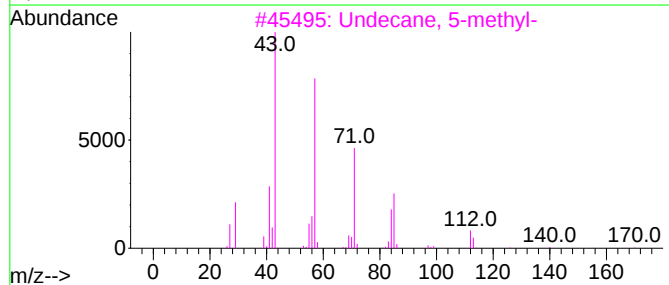
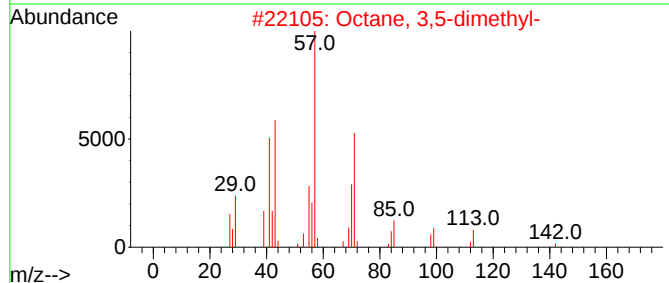
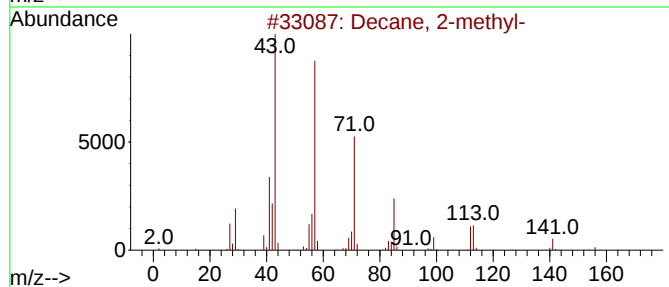
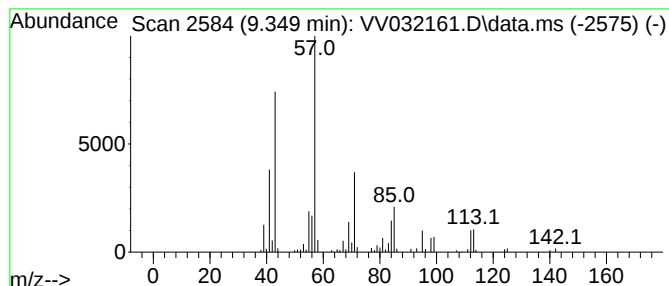
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.349	6.52 ug/L	100192	Chlorobenzene-d5	8.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	53
2			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	52
3			Undecane, 5-methyl-	170	C12H26	001632-70-8	50
4			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	49
5			Decane, 5-methyl-	156	C11H24	013151-35-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

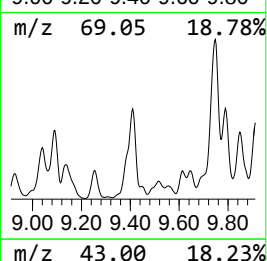
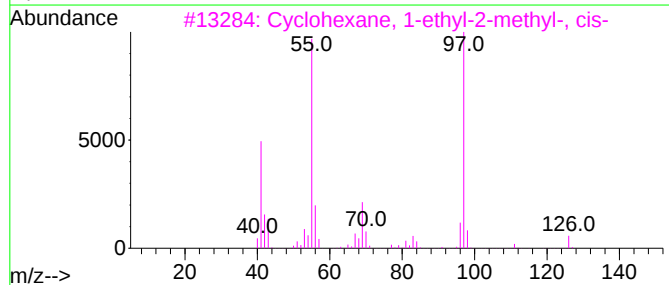
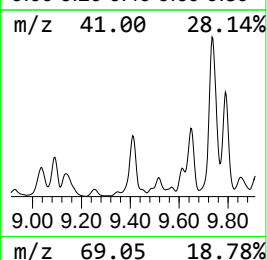
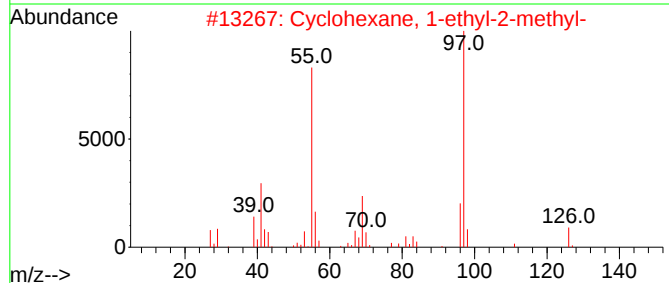
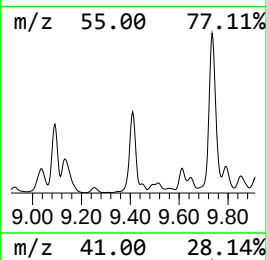
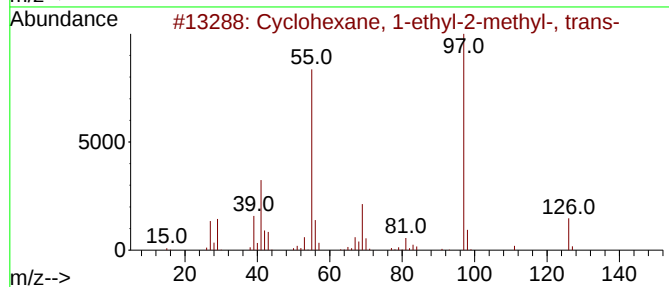
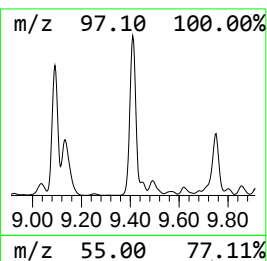
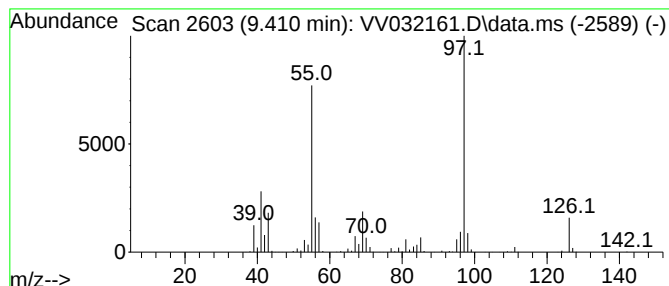
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Cyclic9.410 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	136.40 ug/L	2096530	Chlorobenzene-d5	8.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	93
2			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	81
3			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	81
4			4-Octen-3-one	126	C8H14O	014129-48-7	74
5			Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

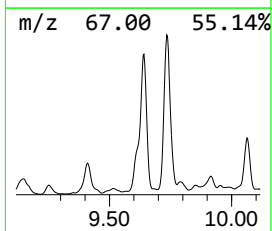
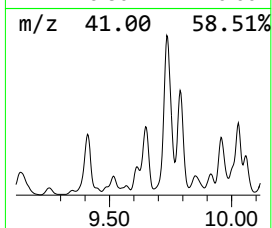
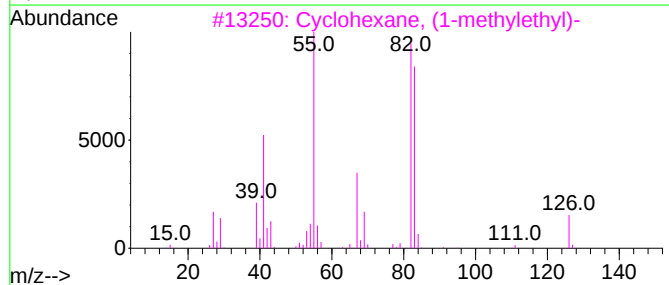
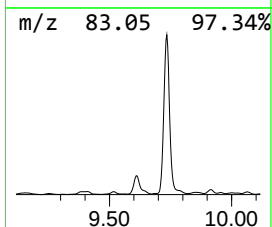
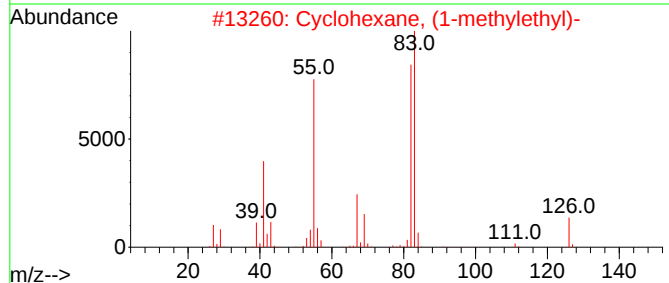
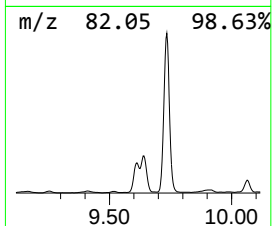
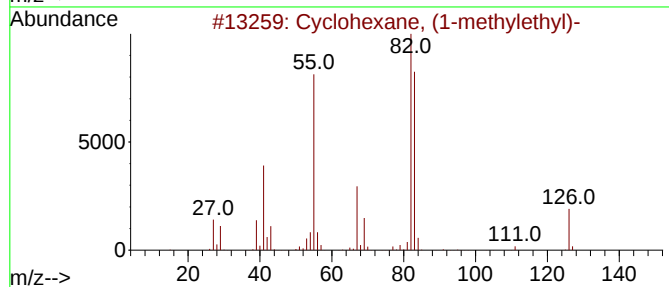
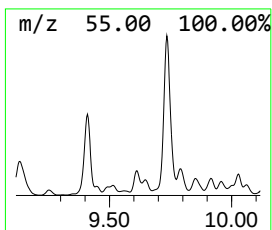
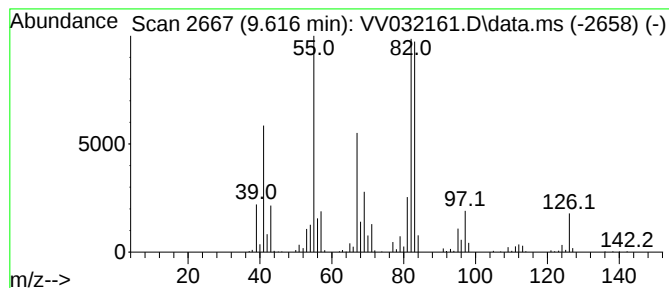
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Cyclic9.616 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.616	33.16 ug/L	509622	Chlorobenzene-d5	8.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	76
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	76
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	76
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	70
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

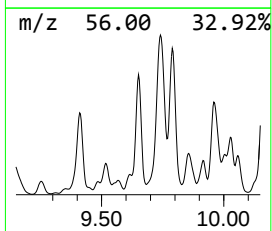
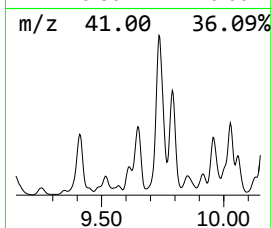
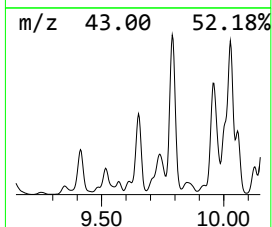
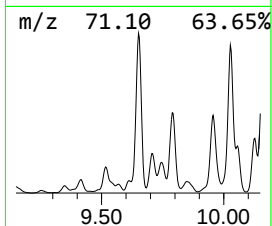
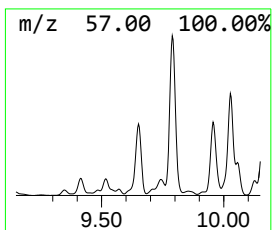
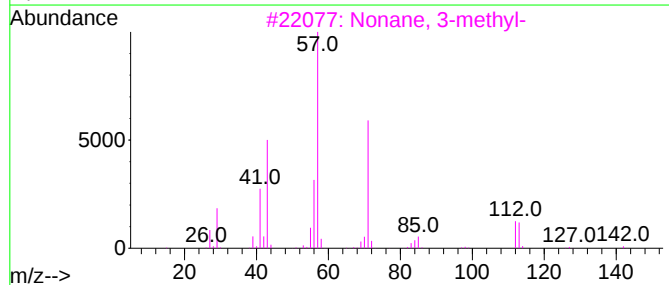
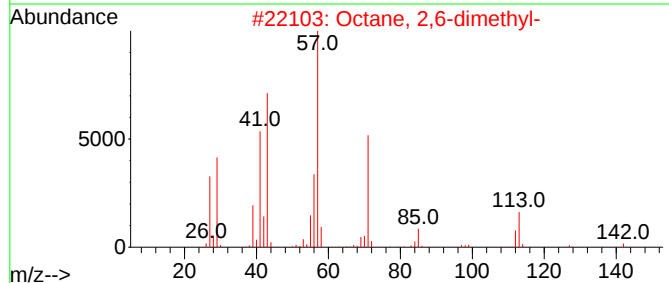
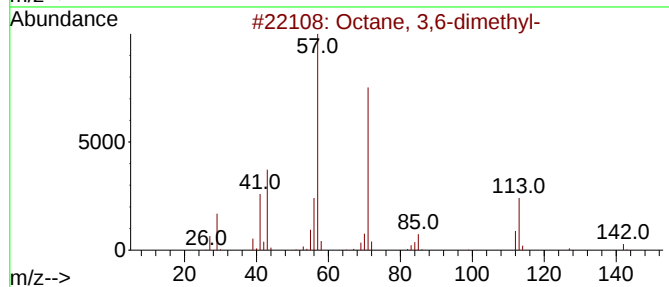
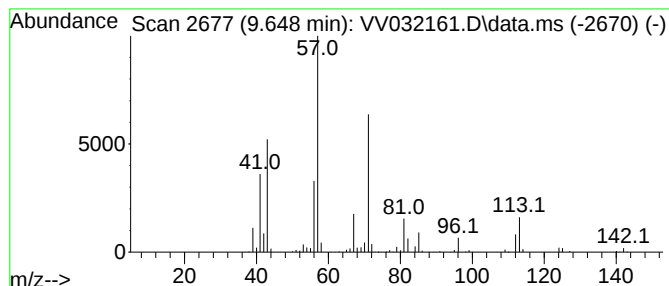
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.648	118.56 ug/L	1822310	Chlorobenzene-d5	8.786

Hit#	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	83
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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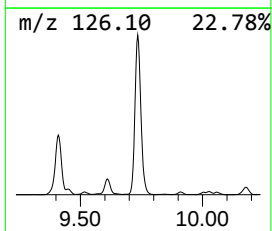
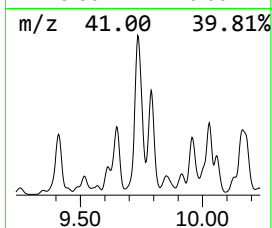
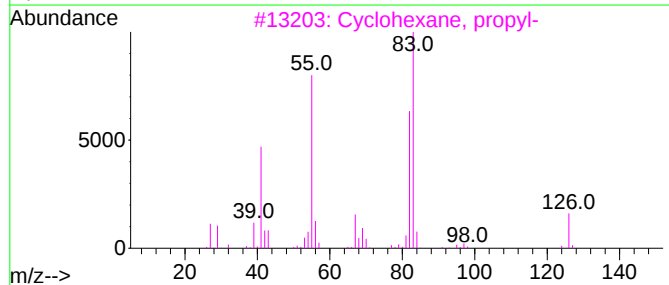
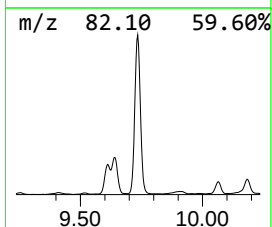
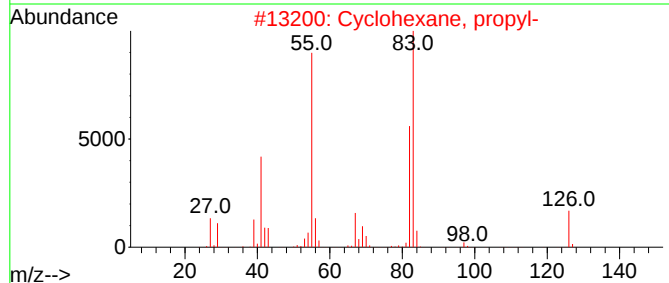
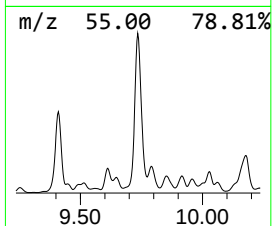
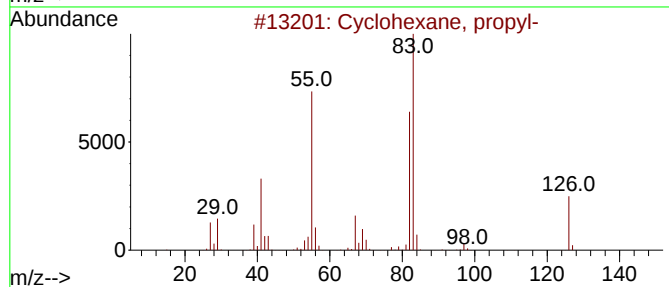
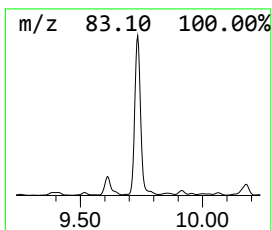
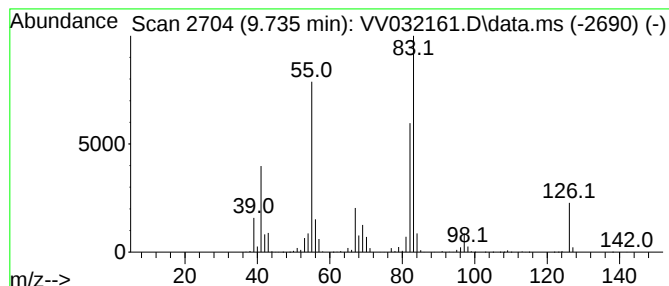
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Cyclic9.735 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.735	315.57 ug/L	4850420	Chlorobenzene-d5	8.786

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, propyl-	126	C9H18	001678-92-8	91
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	91
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	91
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	91
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

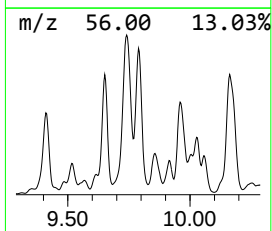
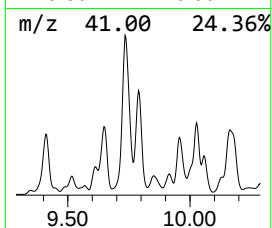
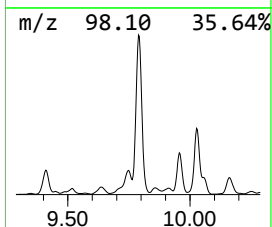
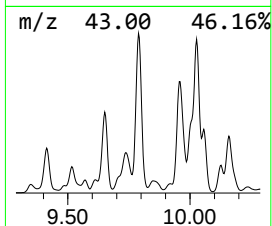
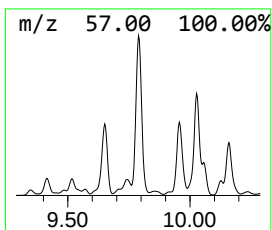
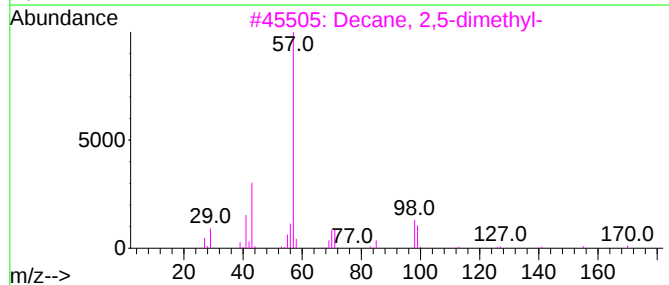
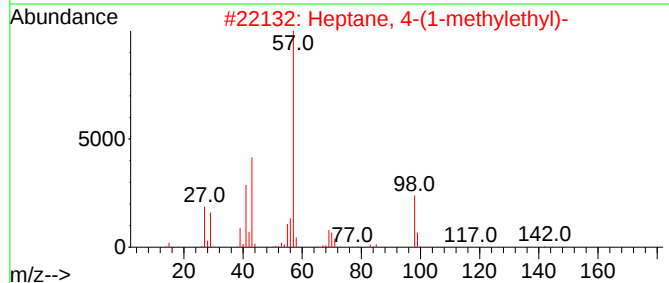
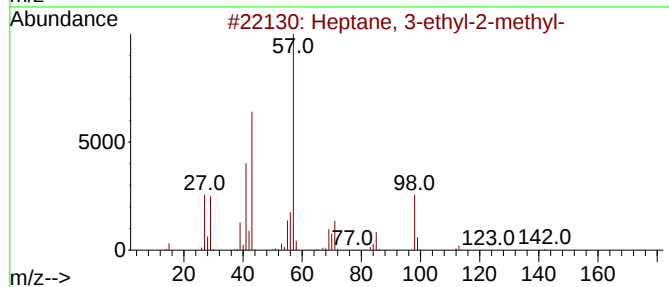
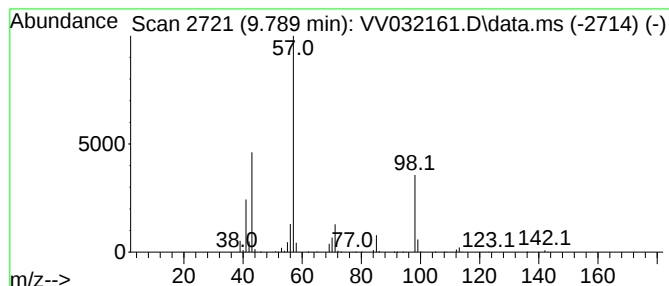
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.789	158.61 ug/L	2437870	Chlorobenzene-d5	8.786

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
2		Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	64
3		Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	53
4		Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	53
5		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

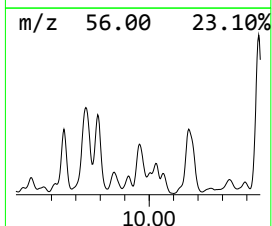
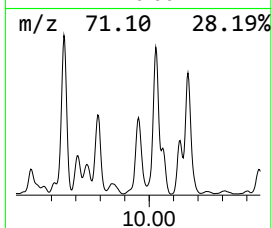
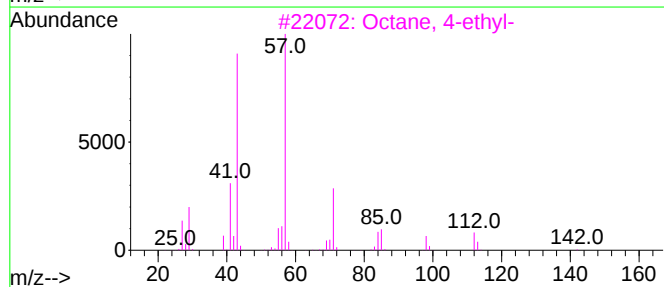
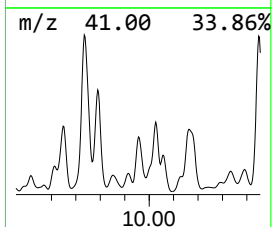
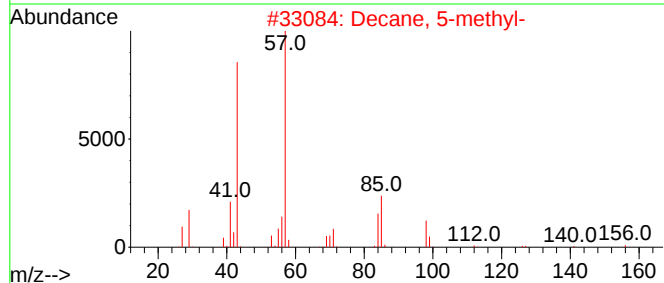
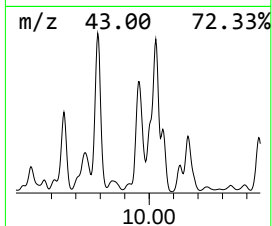
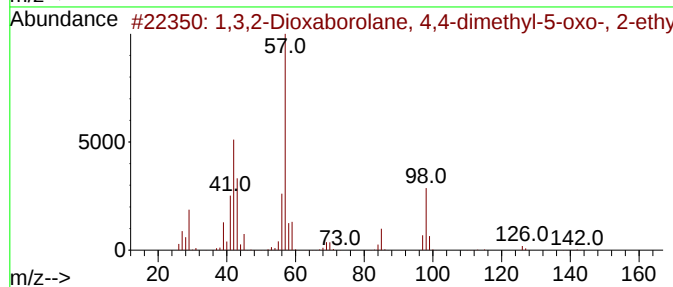
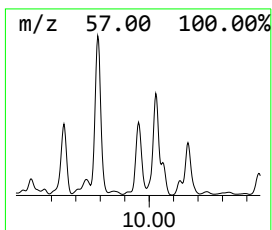
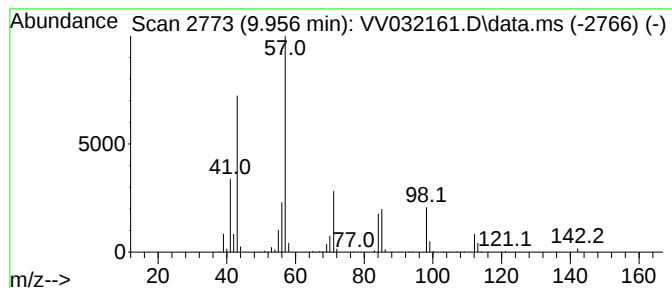
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.956	91.22 ug/L	1402030	Chlorobenzene-d5	8.786

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3,2-Dioxaborolane, 4,4-dimethy...	142	C6H11B03	1000063-89-2	47
2			Decane, 5-methyl-	156	C11H24	013151-35-4	43
3			Octane, 4-ethyl-	142	C10H22	015869-86-0	43
4			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	43
5			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

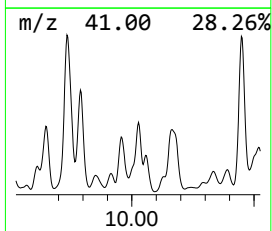
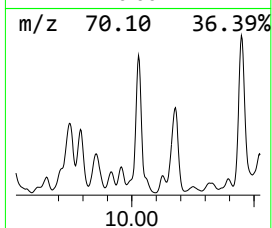
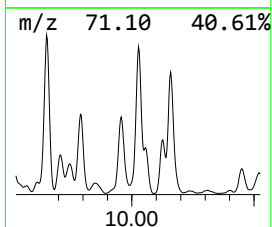
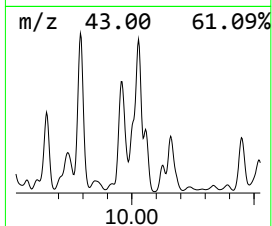
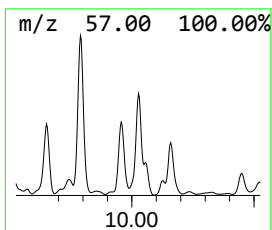
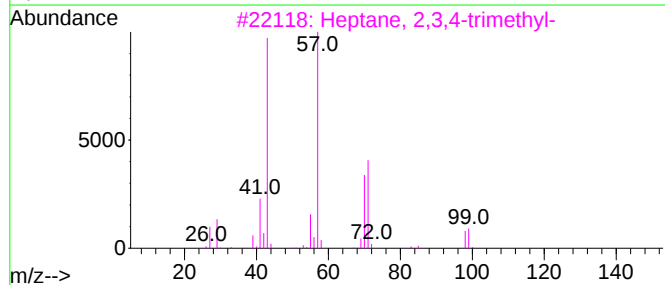
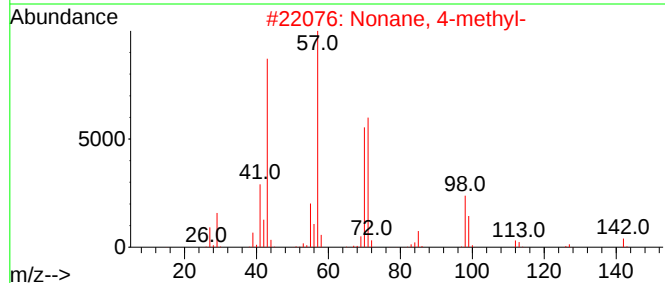
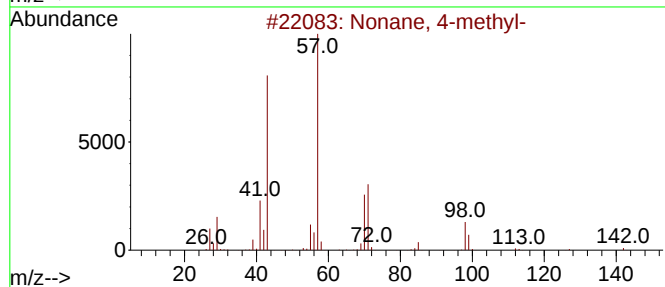
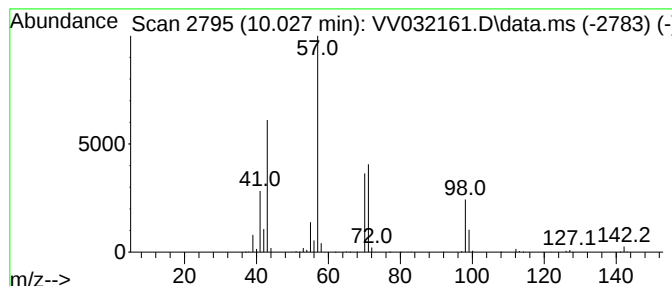
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.027	74.75 ug/L	2028190	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4-methyl-	142	C10H22	017301-94-9	91
2			Nonane, 4-methyl-	142	C10H22	017301-94-9	72
3			Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	72
4			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
5			Hexane, 3-methyl-	100	C7H16	000589-34-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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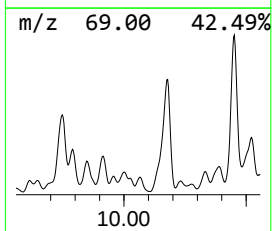
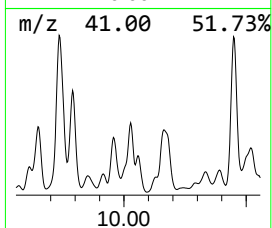
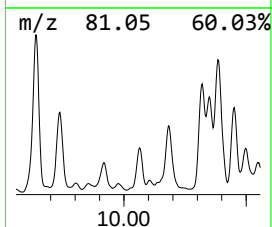
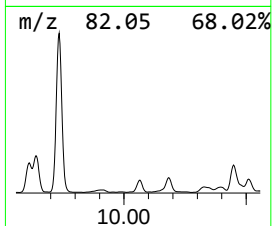
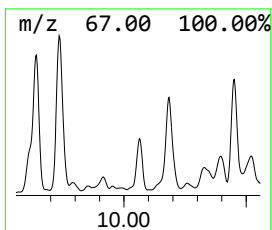
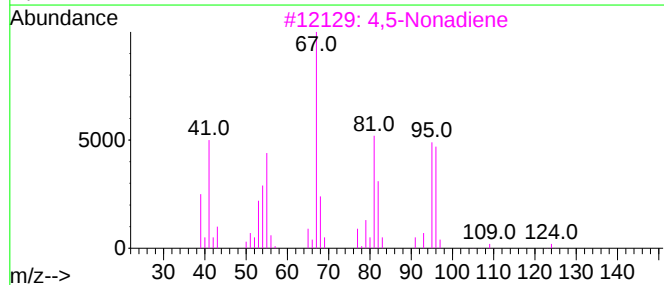
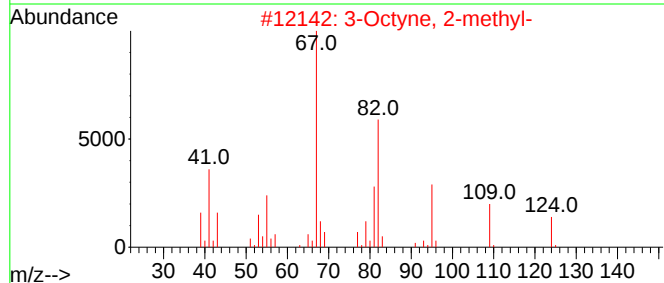
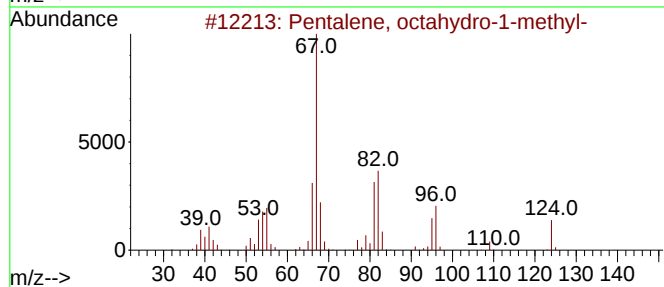
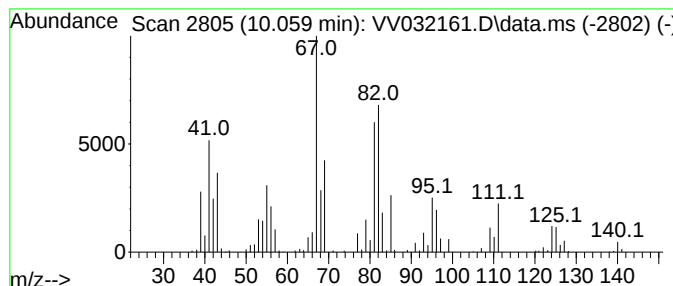
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Pentalene, octahydro-1-methyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.059	26.53 ug/L	719801	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	70
2			3-Octyne, 2-methyl-	124	C9H16	055402-15-8	52
3			4,5-Nonadiene	124	C9H16	000821-74-9	49
4			Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	49
5			Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	019781-47-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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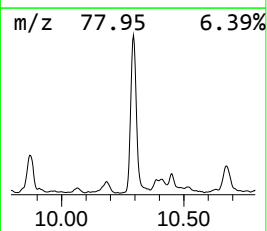
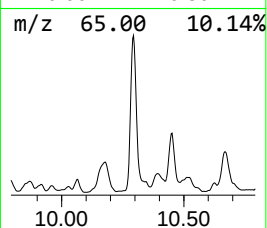
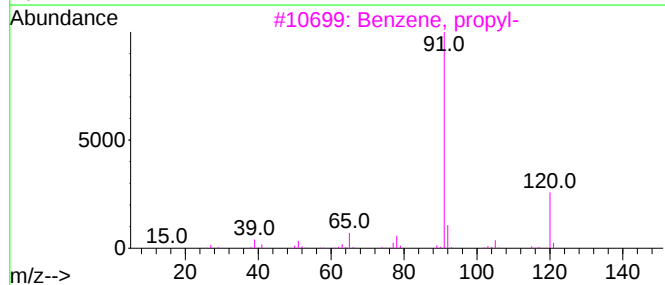
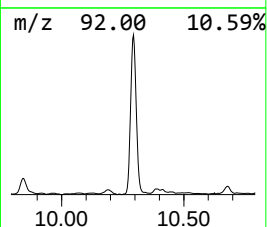
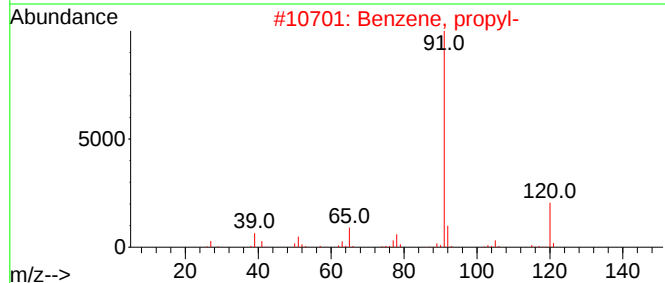
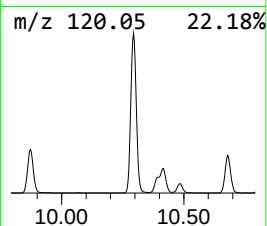
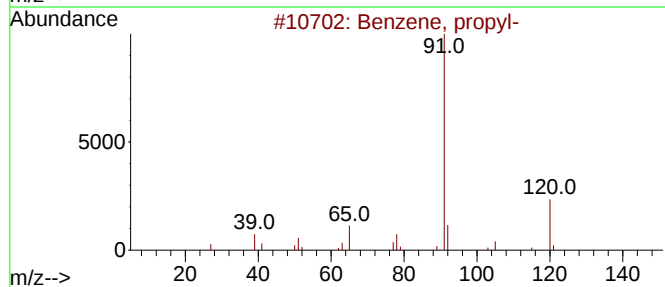
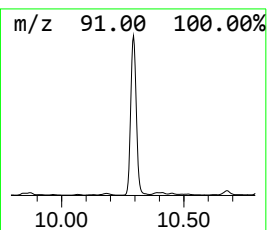
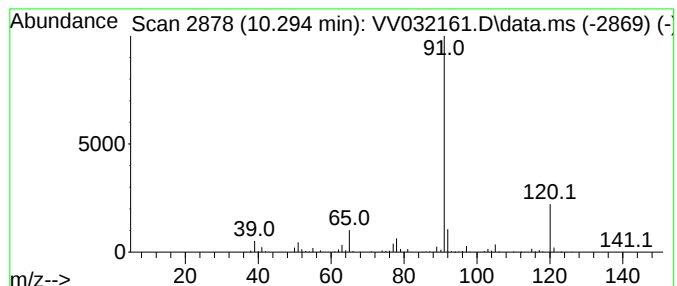
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Benzene, propyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.294	39.42 ug/L	1069530	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	93
2			Benzene, propyl-	120	C9H12	000103-65-1	90
3			Benzene, propyl-	120	C9H12	000103-65-1	90
4			Benzene, propyl-	120	C9H12	000103-65-1	90
5			N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

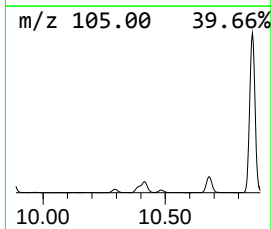
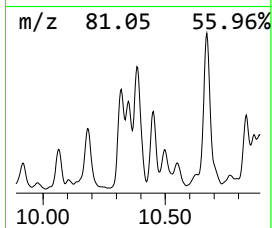
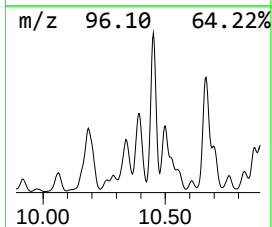
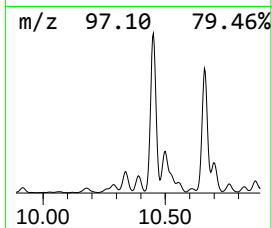
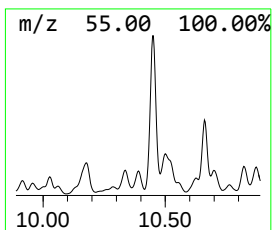
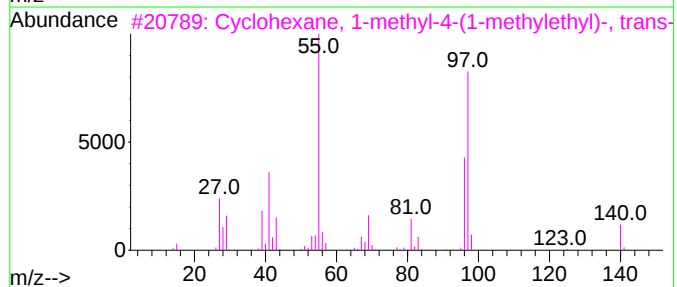
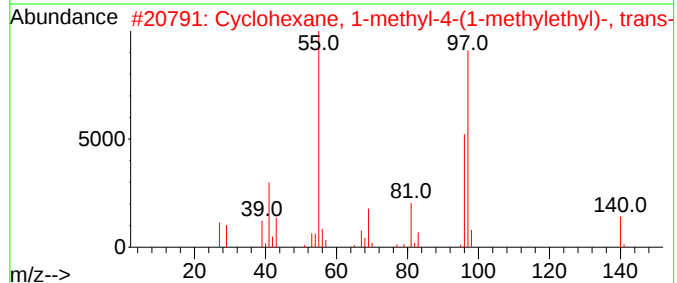
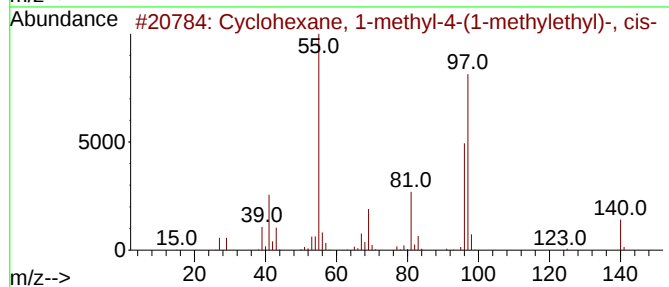
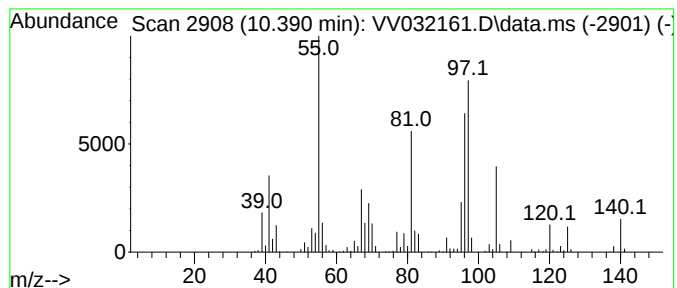
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Cyclic10.390 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.390	18.58 ug/L	504192	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	70
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	62
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	58
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	53
5			Carbonic acid, neopentyl cyclohe...	228	C13H24O3	1000357-85-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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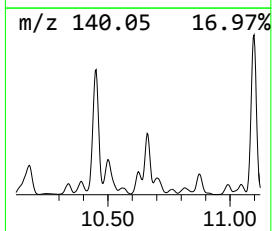
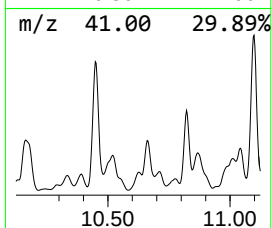
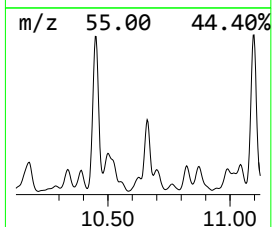
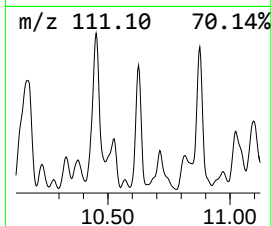
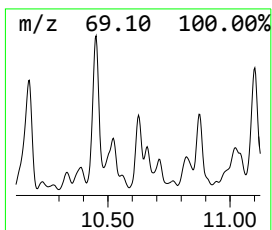
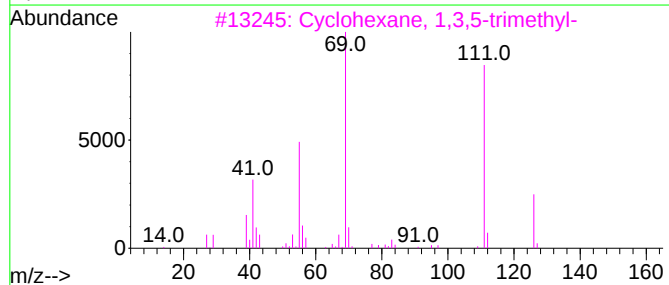
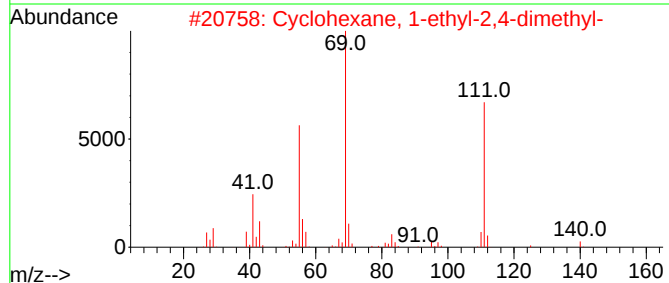
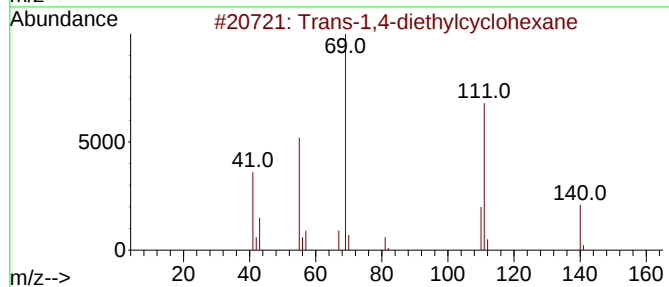
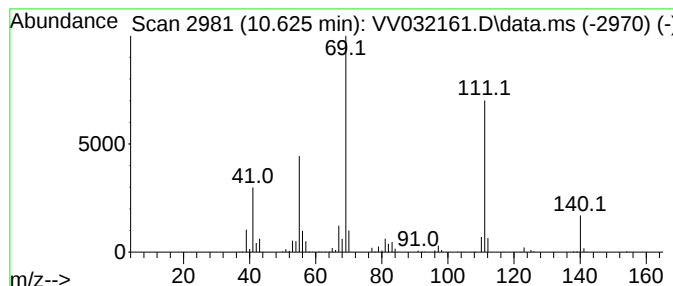
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Cyclic10.625 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.625	22.63 ug/L	614097	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	91
2			Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	86
3			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
4			1,1'-Bicyclooctyl	222	C16H30	006708-17-4	72
5			2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

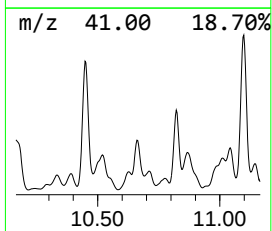
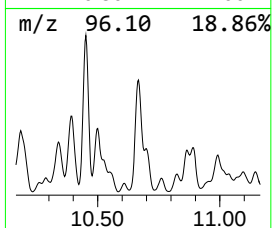
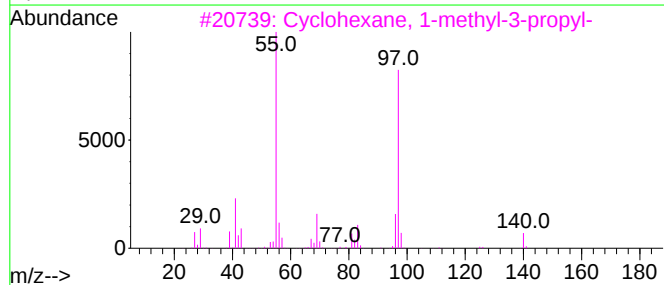
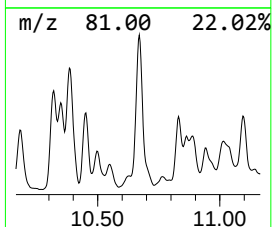
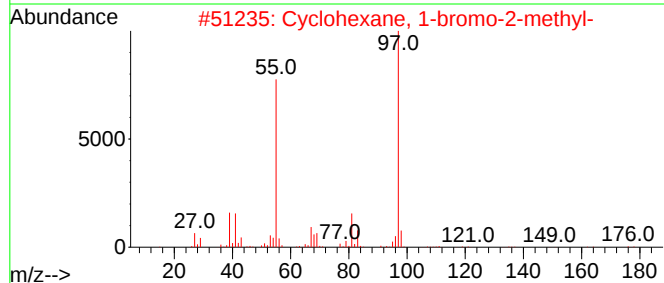
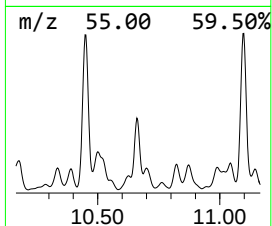
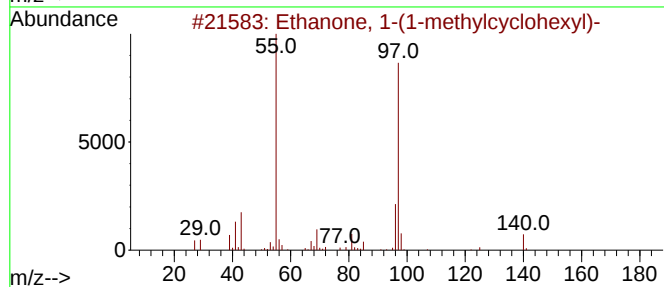
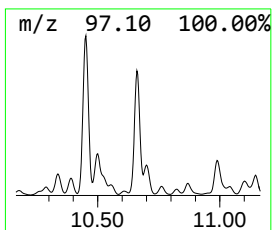
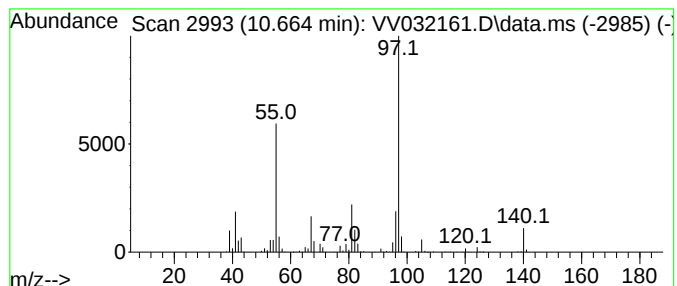
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Ethanone, 1-(1-methylcyclohexyl) Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.664	57.74 ug/L	1566620	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	64
2			Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	64
3			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	64
4			Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	59
5			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

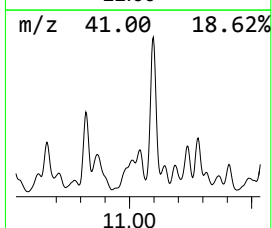
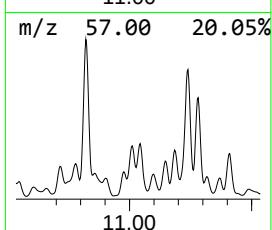
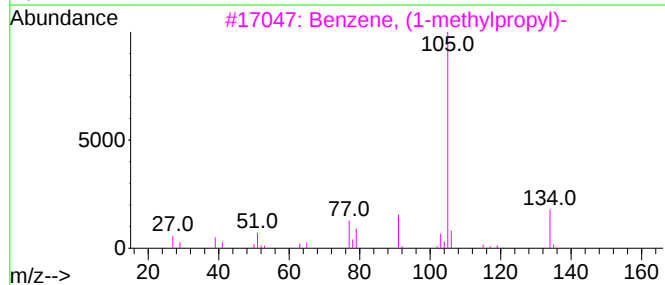
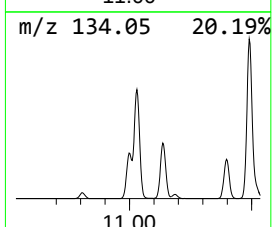
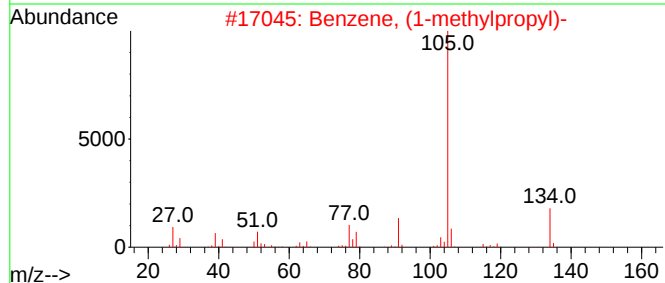
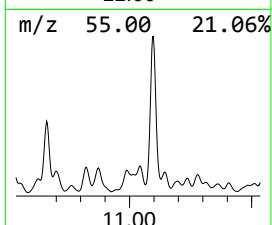
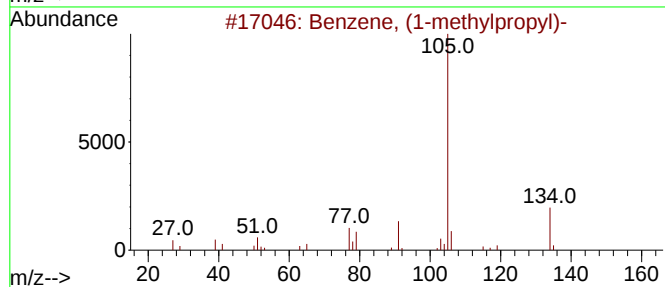
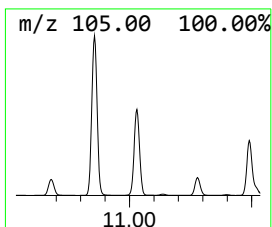
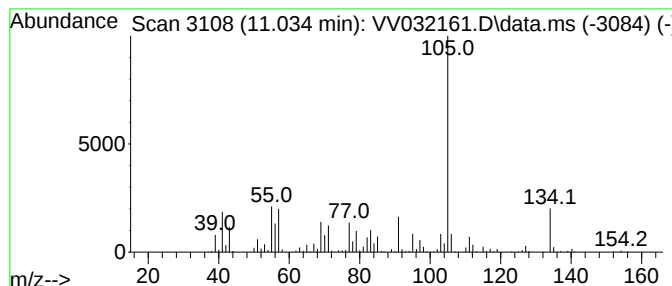
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 Benzene, (1-methylpropyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.034	146.38 ug/L	3971570	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	76
2			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	76
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	76
4			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	76
5			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

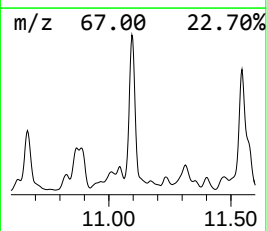
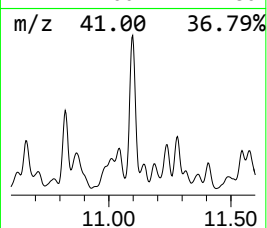
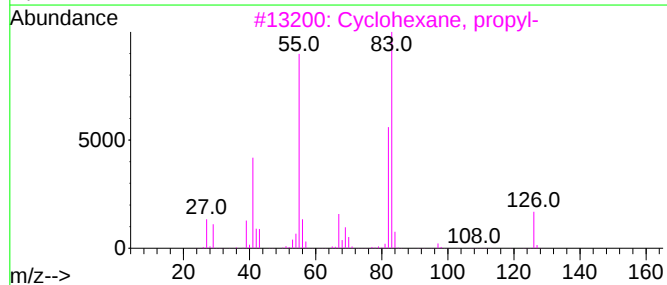
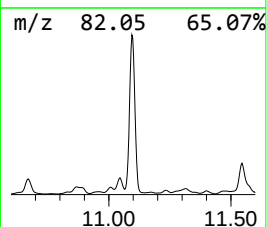
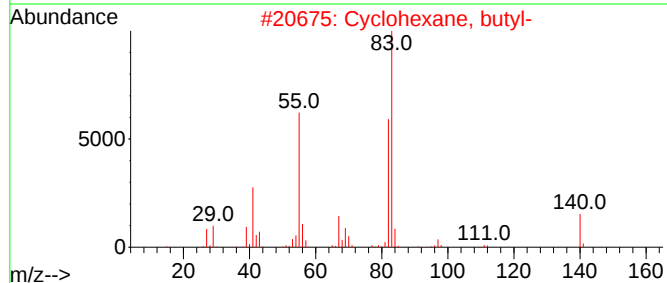
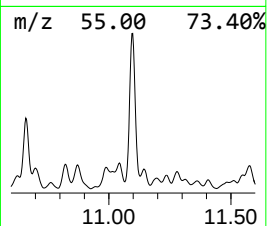
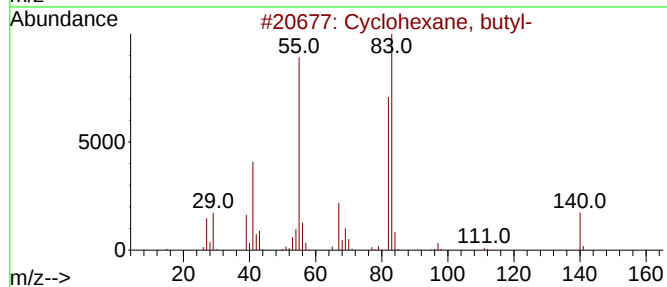
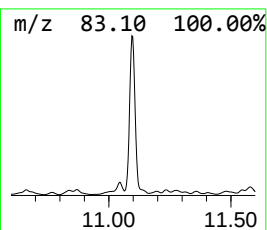
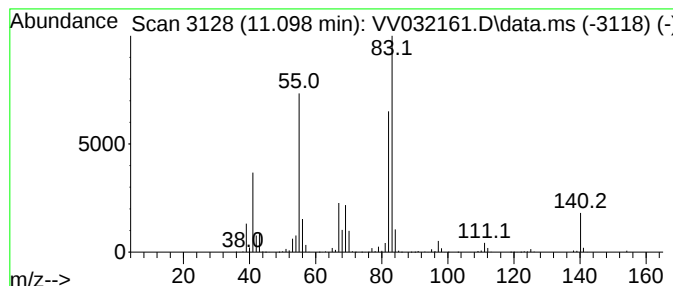
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Cyclic11.098 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.098	172.03 ug/L	4667510	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	87
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	87
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	78
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	76
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

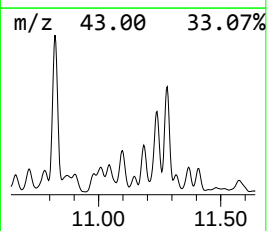
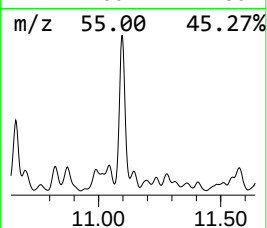
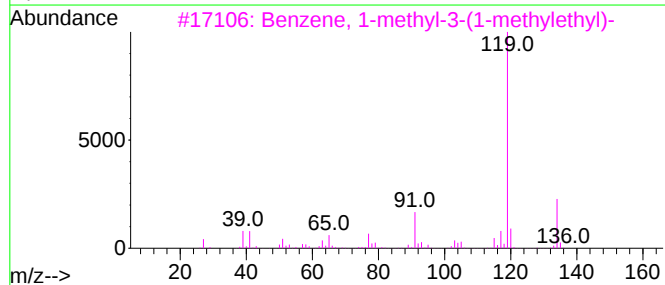
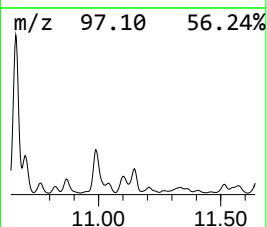
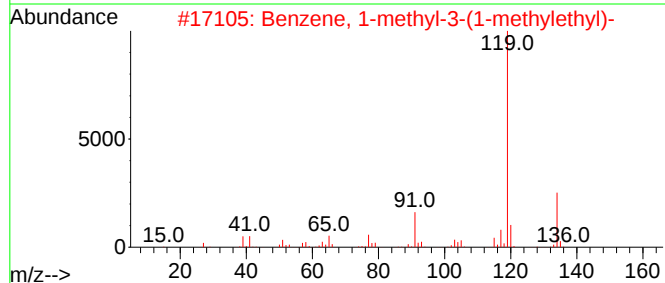
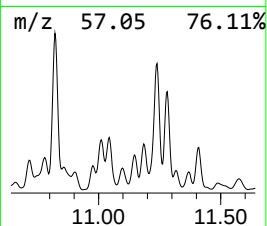
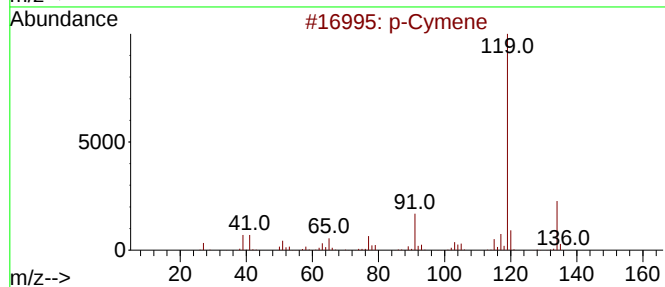
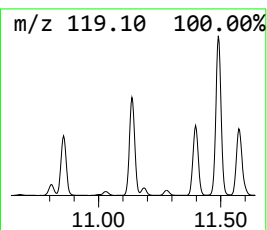
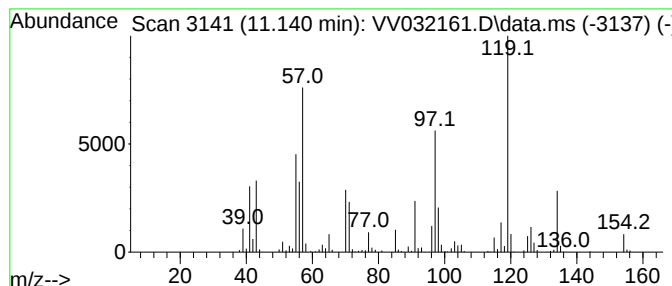
Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 p-Cymene Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.140	27.69 ug/L	751263	1,4-Dichlorobenzene-d4			11.191
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	p-Cymene		134	C10H14	000099-87-6	83
2	Benzene, 1-methyl-3-(1-methylethyl)-		134	C10H14	000535-77-3	46
3	Benzene, 1-methyl-3-(1-methylethyl)-		134	C10H14	000535-77-3	46
4	o-Cymene		134	C10H14	000527-84-4	46
5	p-Cymene		134	C10H14	000099-87-6	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

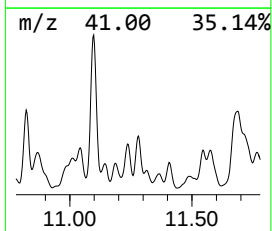
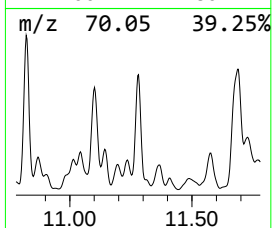
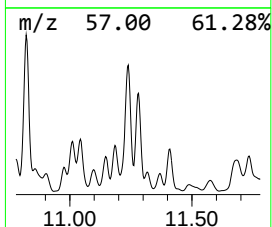
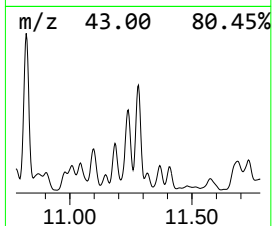
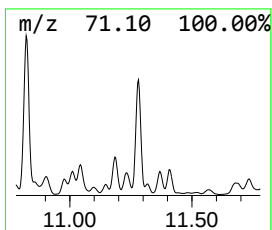
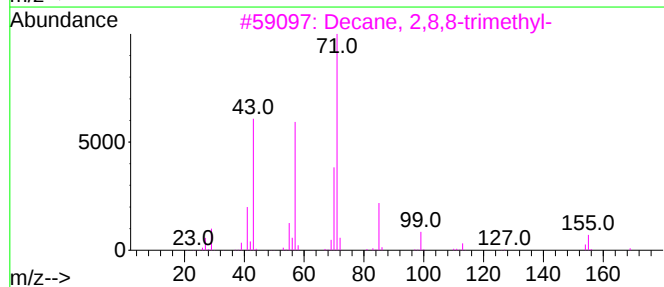
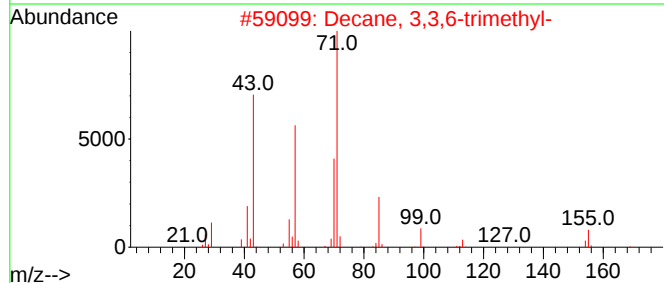
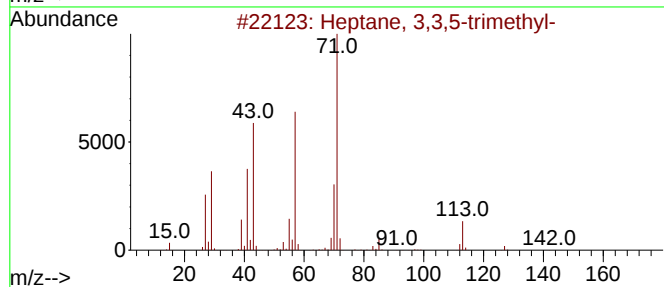
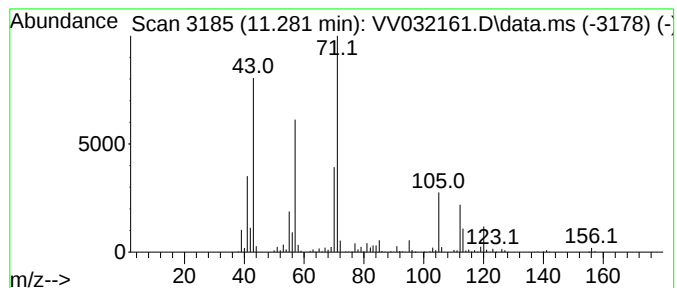
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.281	45.97 ug/L	1247260	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	53
2			Decane, 3,3,6-trimethyl-	184	C13H28	062338-14-1	50
3			Decane, 2,8,8-trimethyl-	184	C13H28	1000060-81-2	50
4			Decane, 2-methyl-	156	C11H24	006975-98-0	47
5			2,2'-Bifuran, octahydro-	142	C8H14O2	001592-33-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

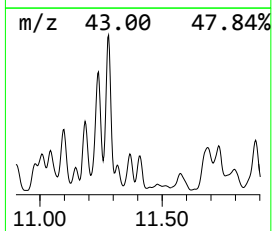
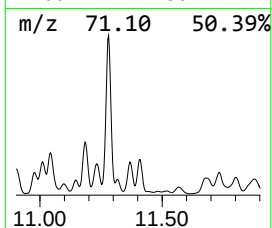
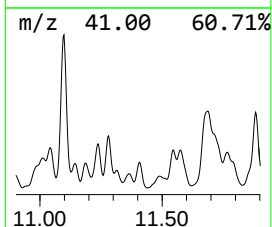
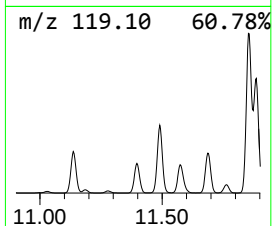
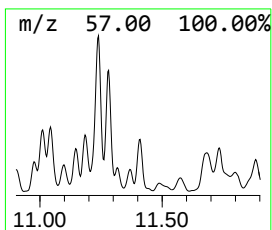
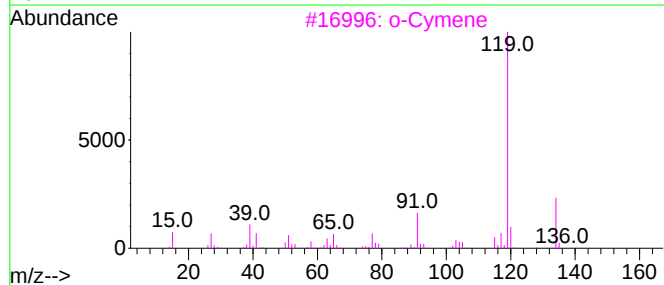
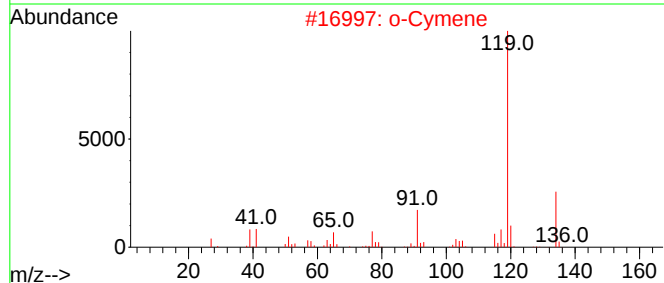
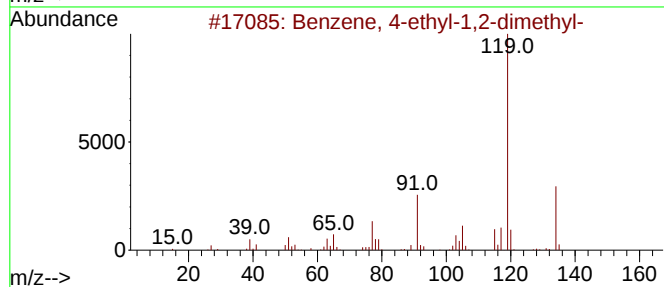
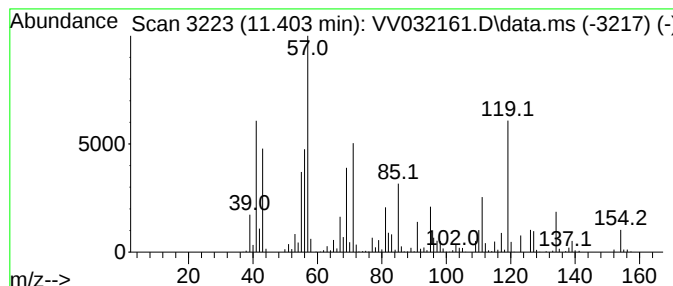
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MSVOA_V
ClientSampleId :
EZYK7ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 unknown-02 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.403	36.20 ug/L	982186	1,4-Dichlorobenzene-d4			11.191
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-		134	C10H14	000934-80-5	25
2	o-Cymene		134	C10H14	000527-84-4	25
3	o-Cymene		134	C10H14	000527-84-4	25
4	Benzene, 1-methyl-3-(1-methyleth...		134	C10H14	000535-77-3	15
5	p-Cymene		134	C10H14	000099-87-6	15



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

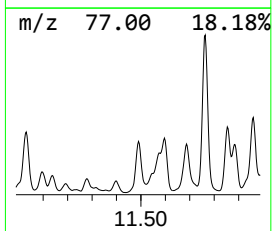
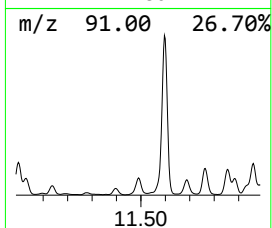
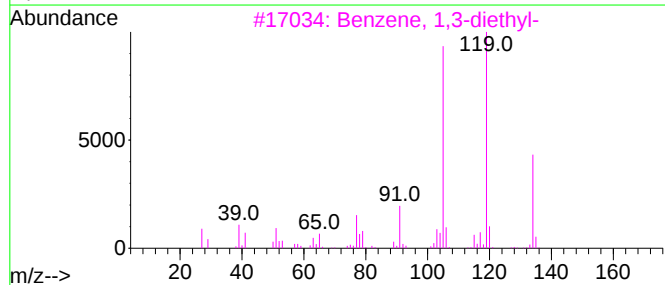
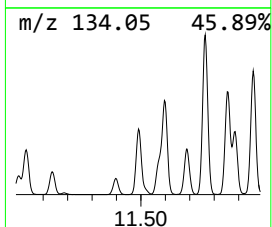
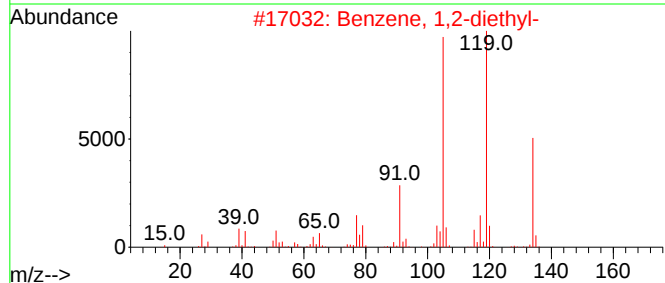
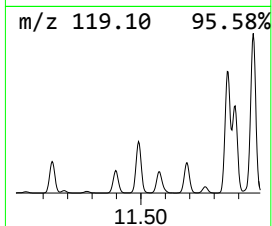
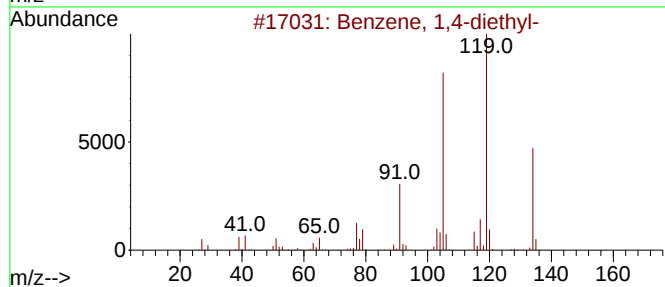
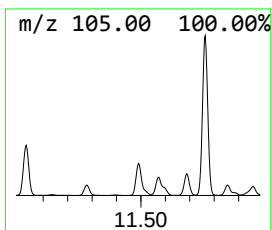
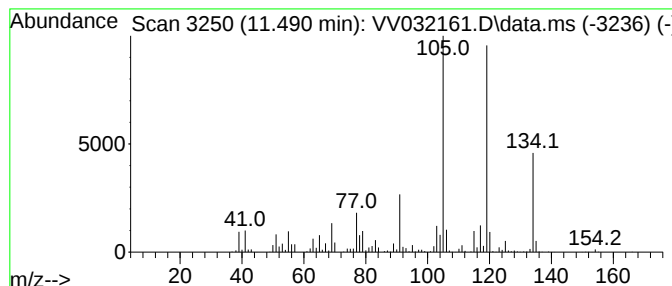
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 Benzene, 1,4-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.490	71.60 ug/L	1942550	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
5			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

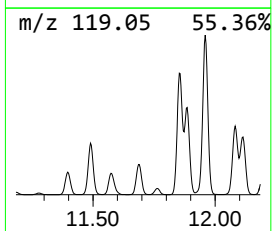
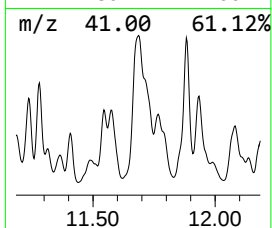
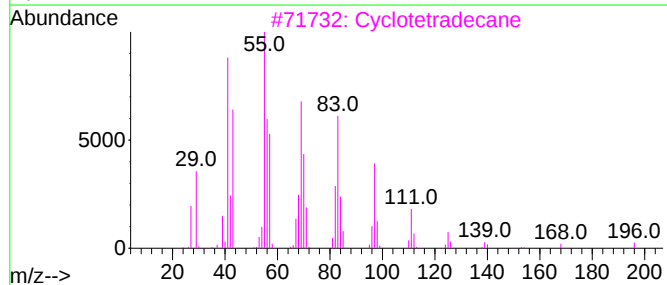
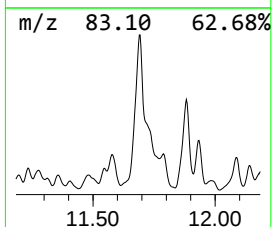
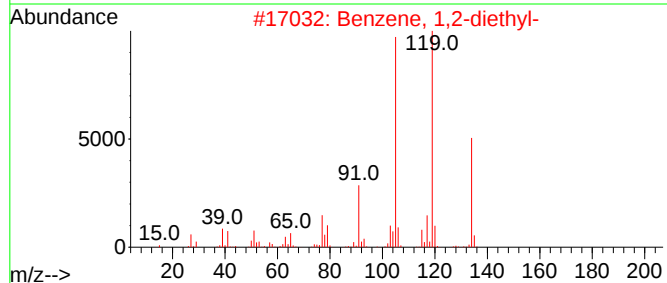
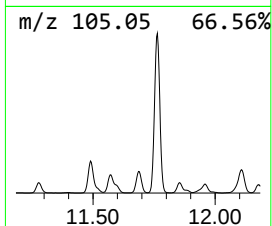
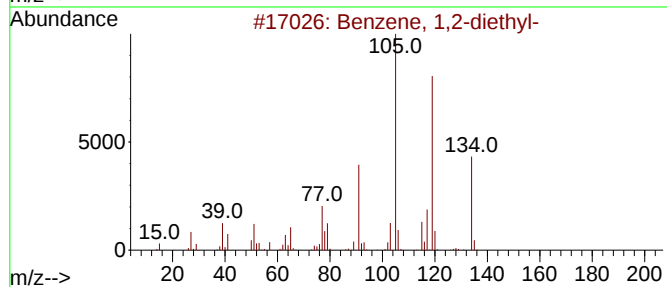
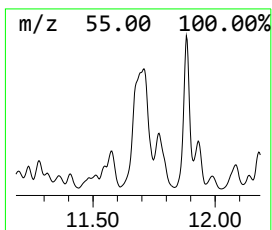
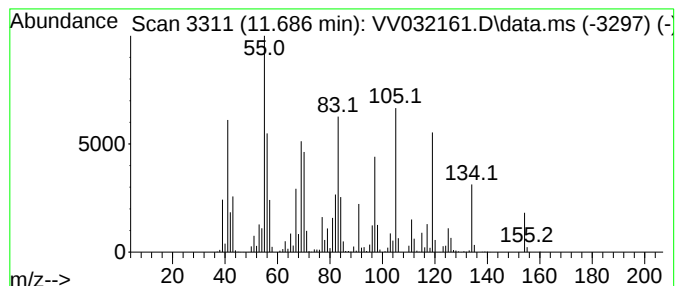
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 Benzene, 1,2-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.686	227.98 ug/L	6185650	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	90
3			Cyclotetradecane	196	C14H28	000295-17-0	70
4			Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	60
5			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

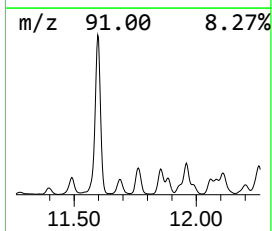
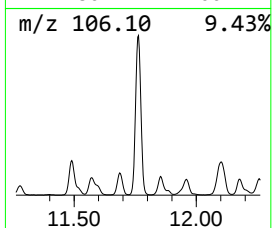
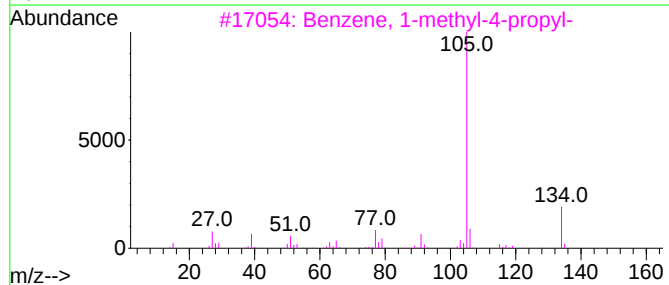
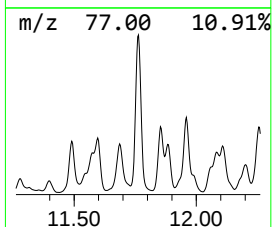
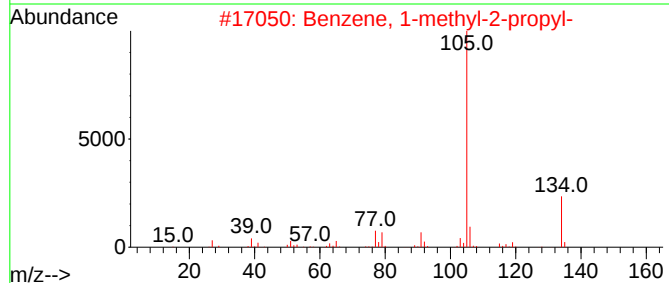
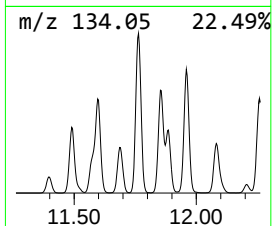
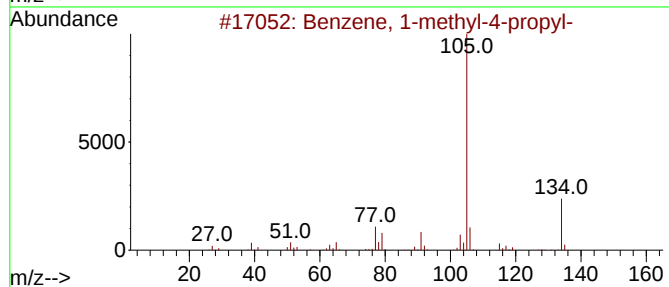
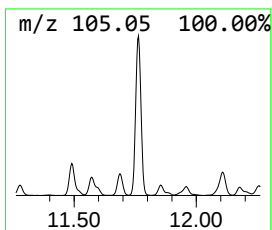
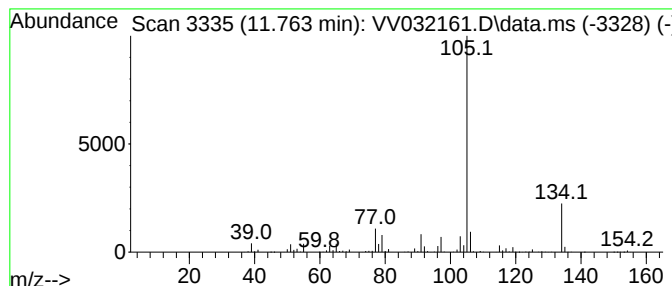
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 Benzene, 1-methyl-4-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.763	174.15 ug/L	4725020	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	93
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
5			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

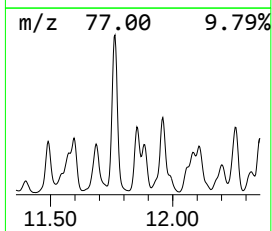
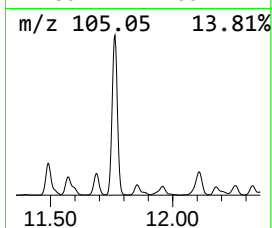
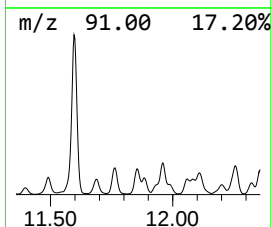
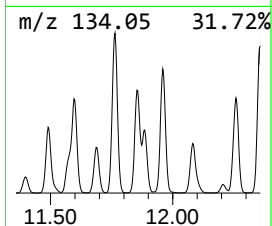
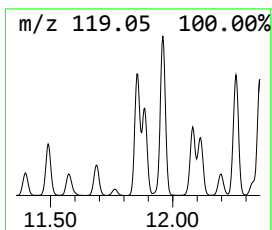
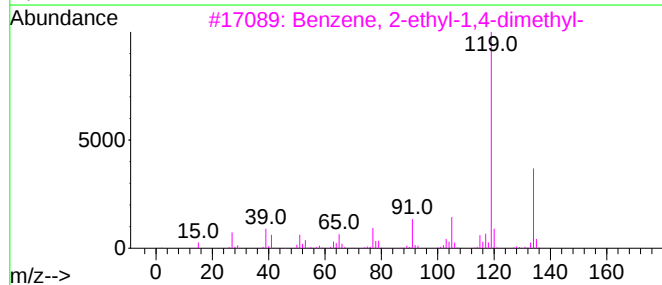
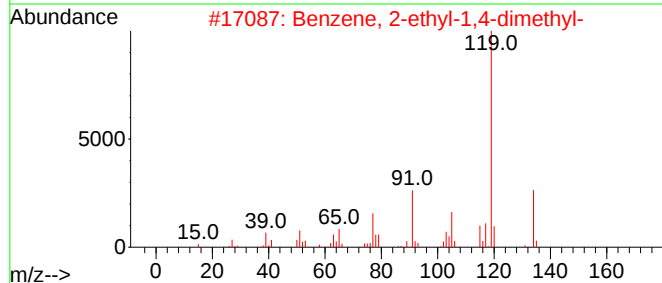
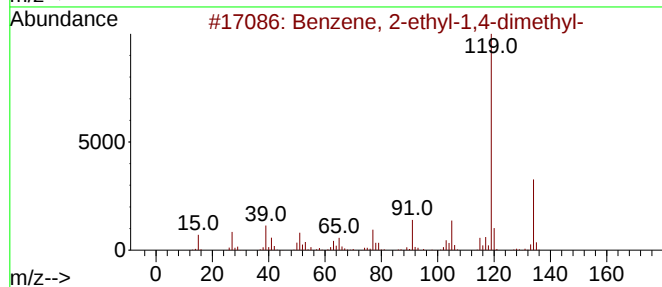
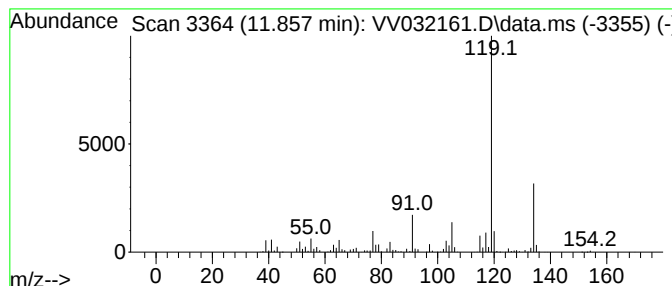
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	56.95 ug/L	1545050	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4			o-Cymene	134	C10H14	000527-84-4	95
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

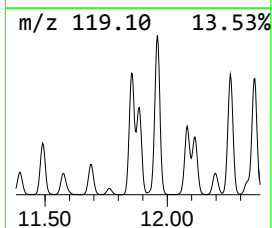
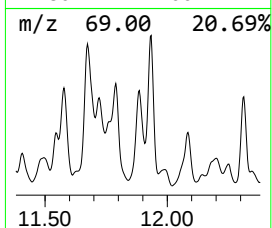
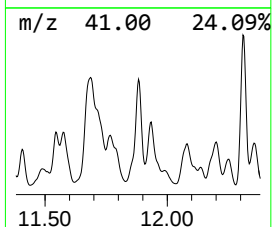
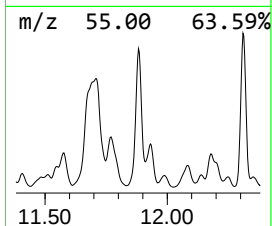
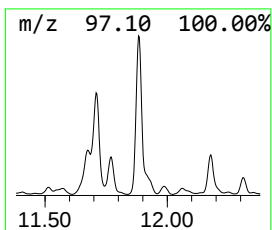
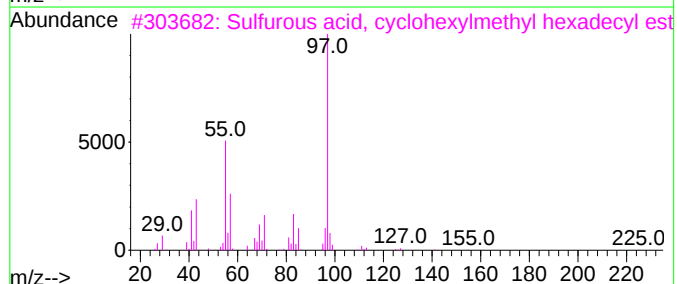
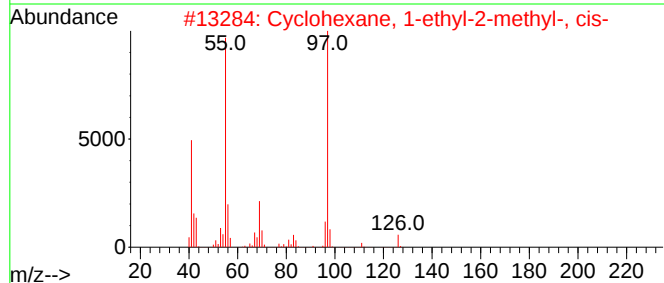
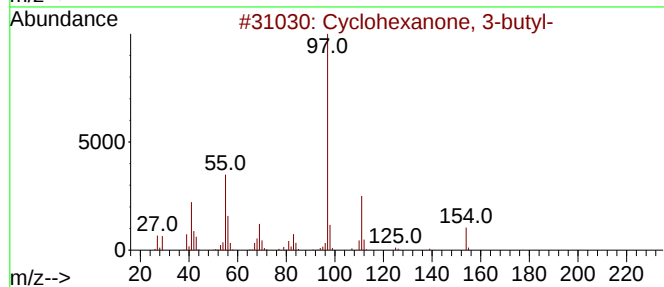
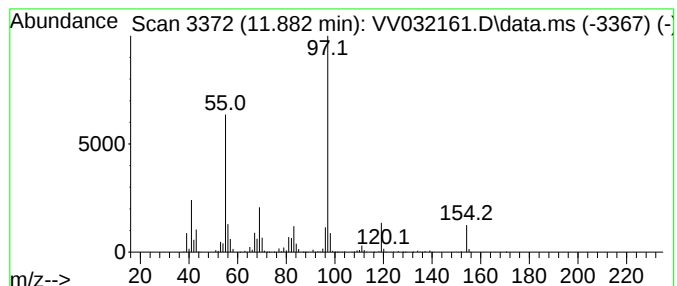
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 Cyclohexanone, 3-butyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.882	103.34 ug/L	2803910	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	72
2			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	64
3			Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	59
4			Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	59
5			Cyclohexanepropanoic acid	156	C9H16O2	000701-97-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

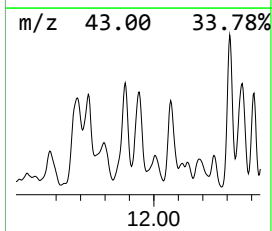
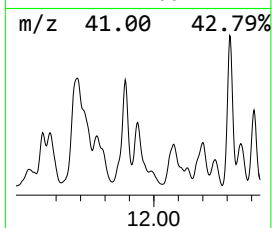
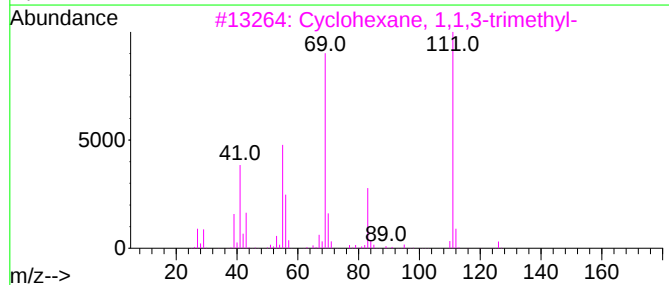
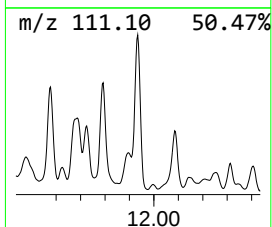
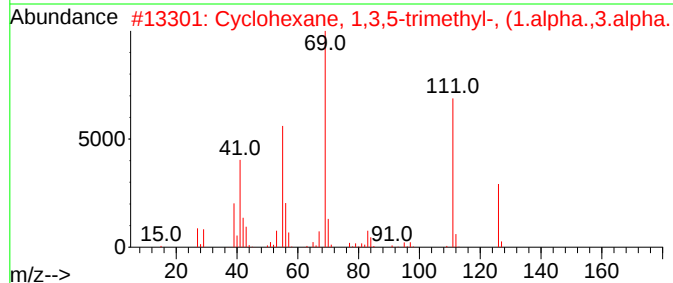
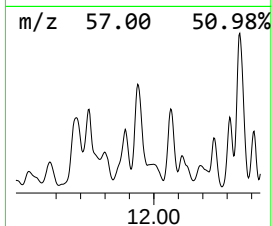
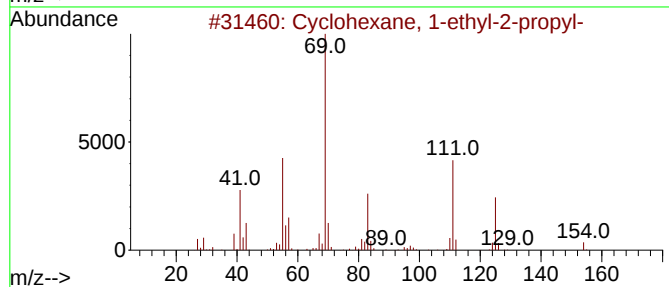
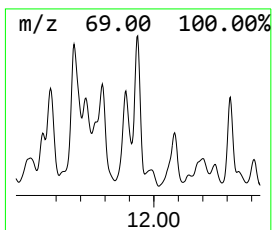
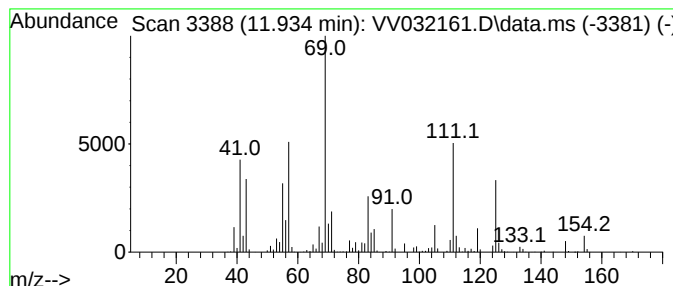
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 (DEL) Alkane: Cyclic11.934 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.934	28.35 ug/L	769255	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	91
2			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	58
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	53
4			Cyclooctane, butyl-	168	C12H24	016538-93-5	50
5			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

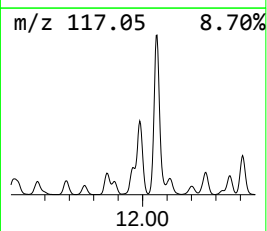
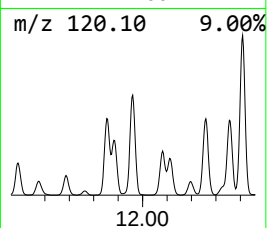
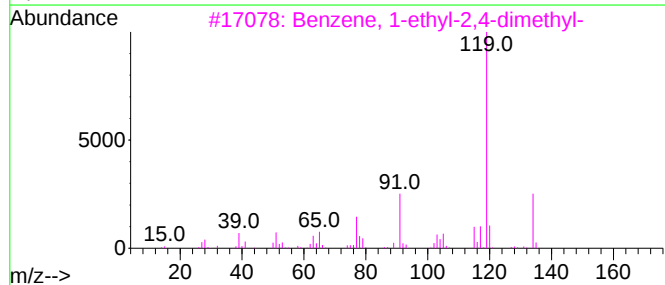
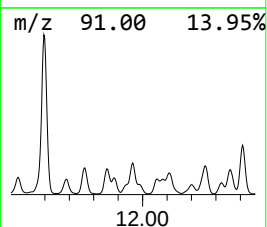
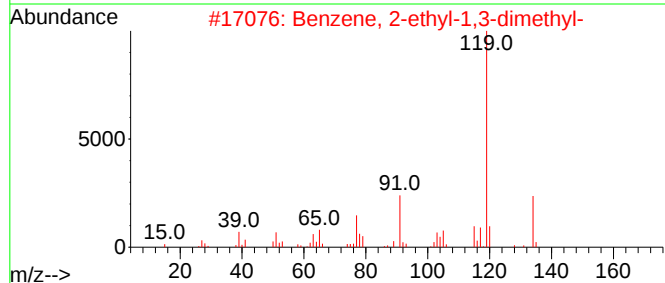
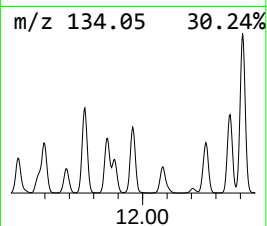
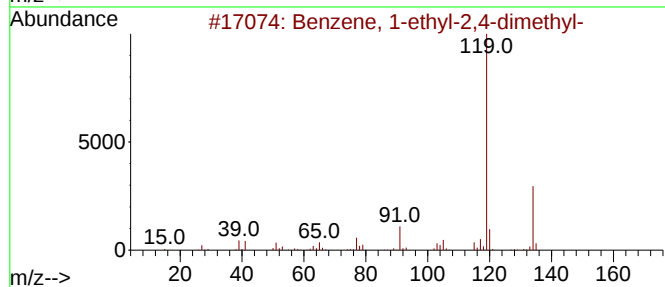
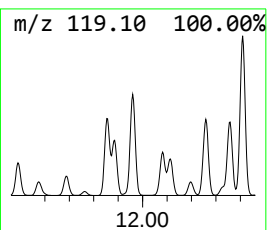
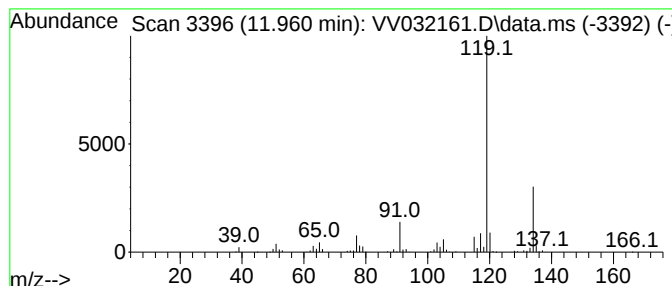
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.960	37.66 ug/L	1021880	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
4			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

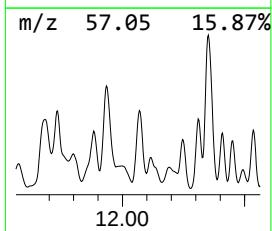
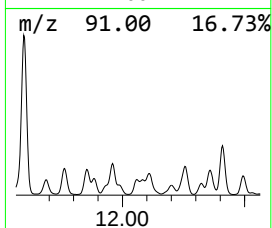
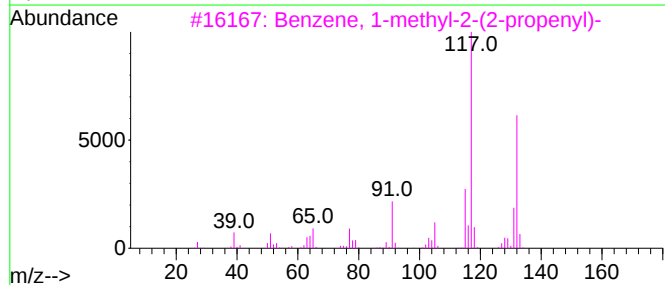
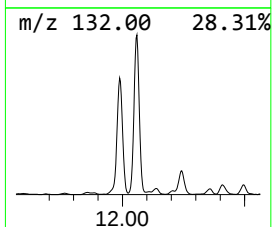
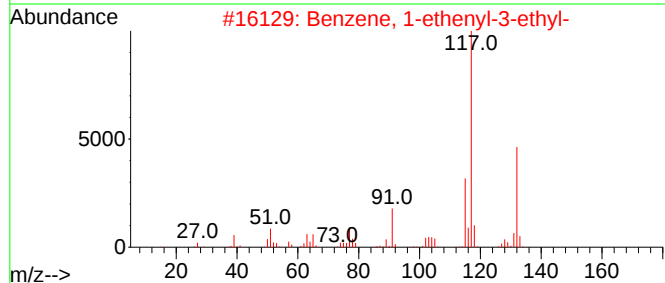
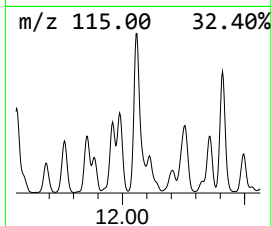
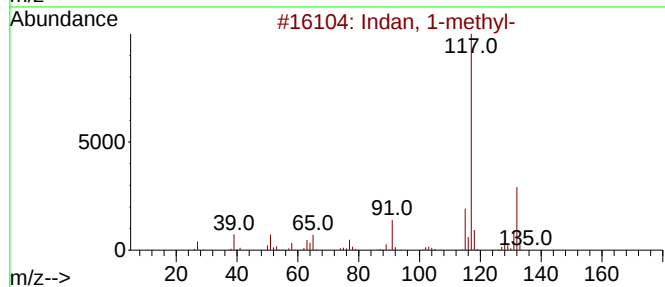
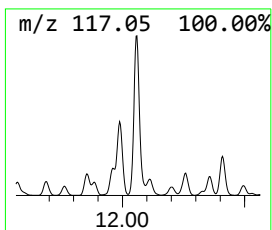
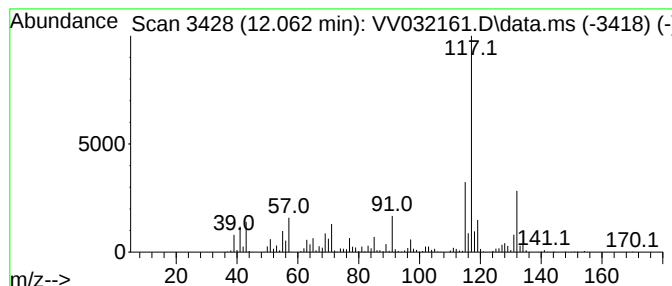
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 Indan, 1-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	54.15 ug/L	1469090	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indan, 1-methyl-	132	C10H12	000767-58-8	94
2			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
4			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
5			Benzene, 2-butenyl-	132	C10H12	001560-06-1	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

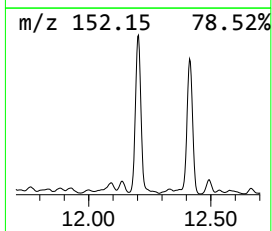
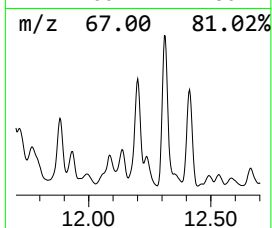
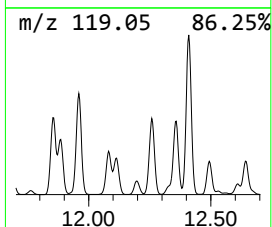
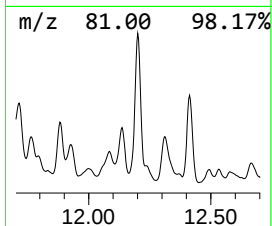
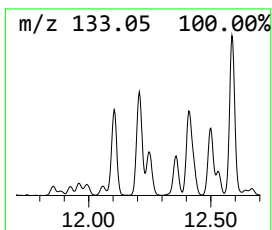
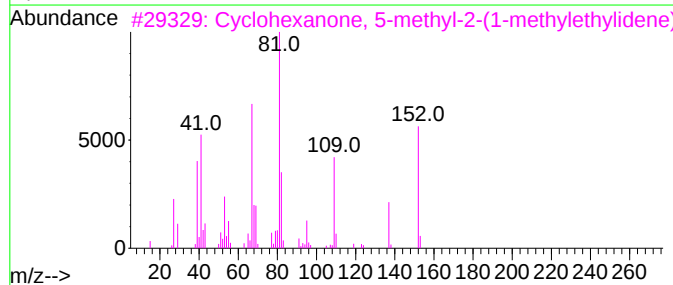
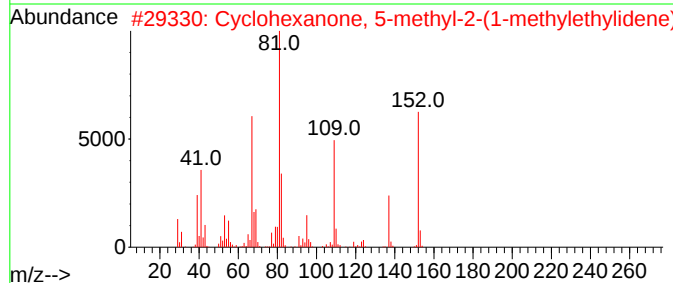
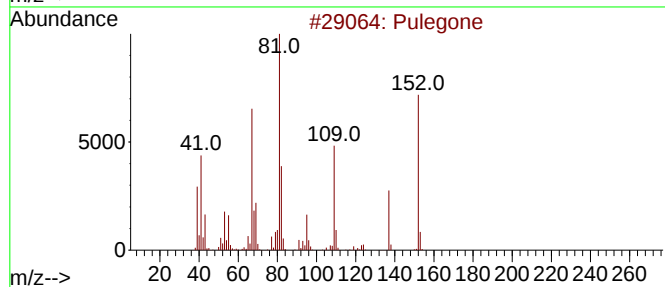
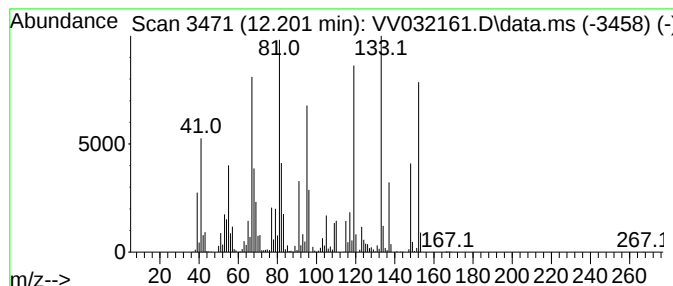
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 Pulegone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.201	75.53 ug/L	2049180	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pulegone	152	C10H16O	000089-82-7	55
2			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	55
3			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	49
4			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	46
5			Pulegone	152	C10H16O	000089-82-7	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

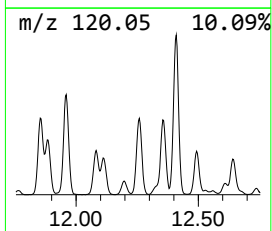
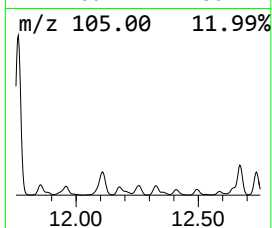
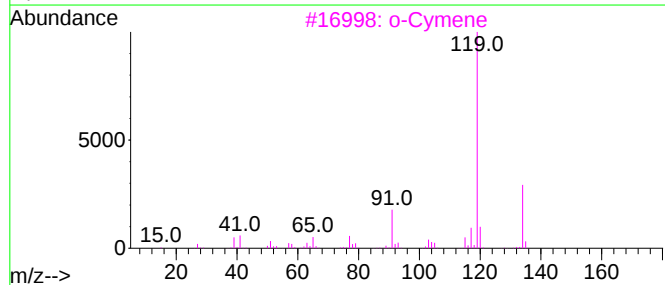
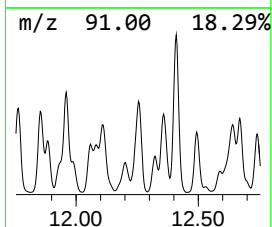
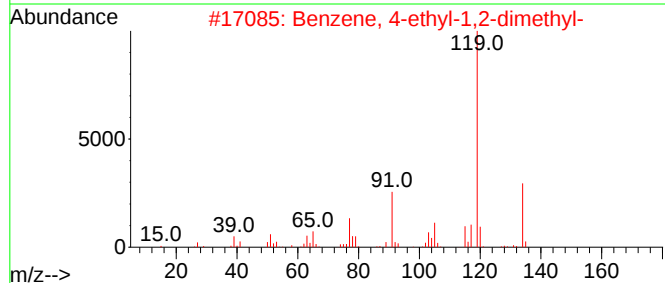
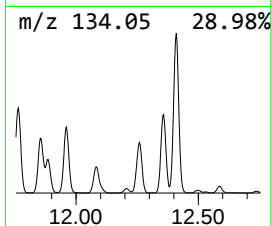
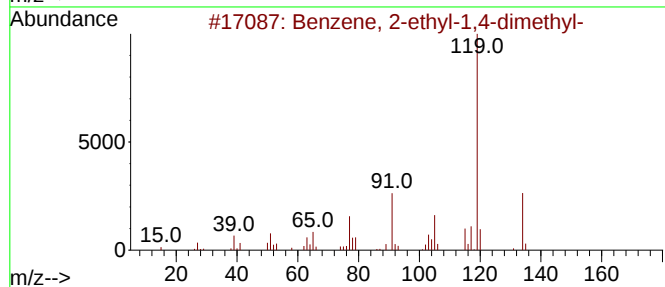
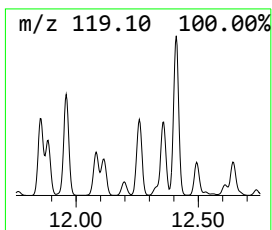
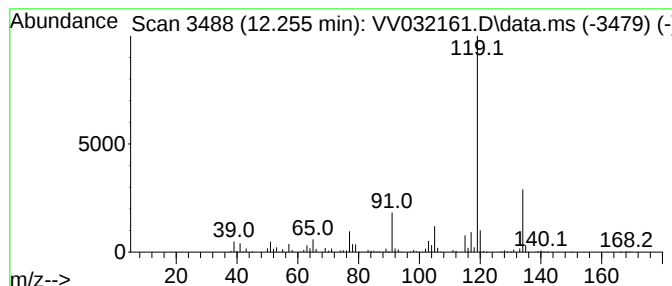
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 o-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.255	87.27 ug/L	2367860	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3			o-Cymene	134	C10H14	000527-84-4	95
4			o-Cymene	134	C10H14	000527-84-4	95
5			o-Cymene	134	C10H14	000527-84-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

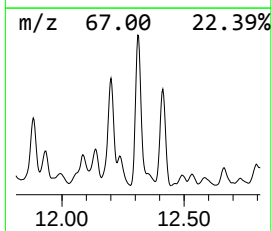
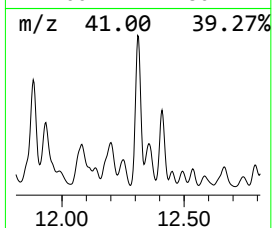
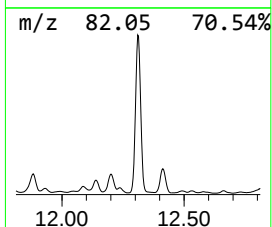
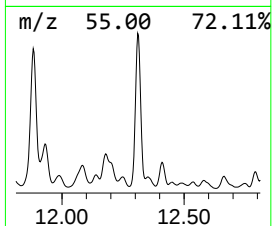
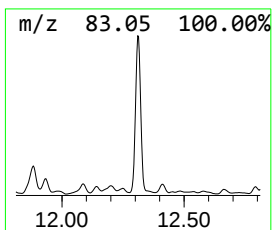
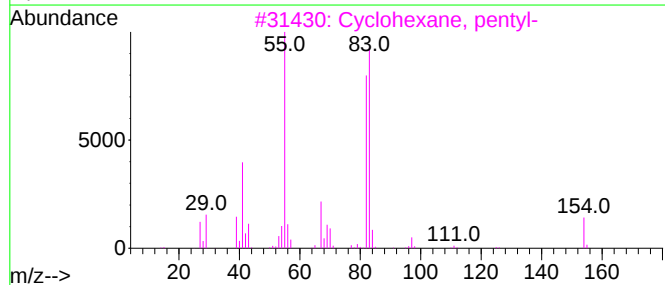
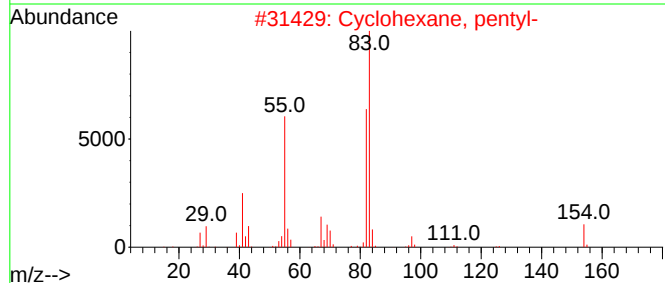
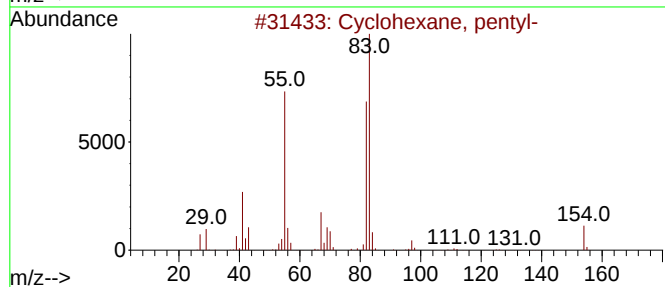
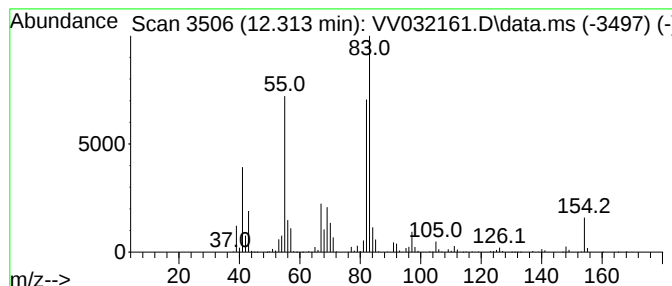
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 (DEL) Alkane: Cyclic12.313 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.313	130.84 ug/L	3549800	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, pentyl-	154	C11H22	004292-92-6	93
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	90
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
4			Cyclohexane, undecyl-	238	C17H34	054105-66-7	64
5			Cyclohexane, decyl-	224	C16H32	001795-16-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

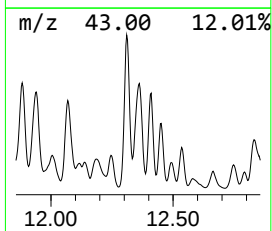
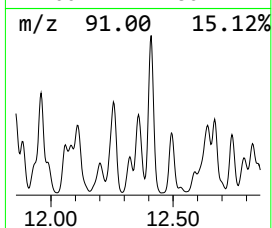
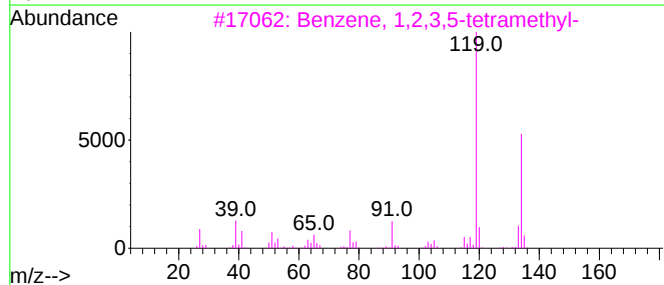
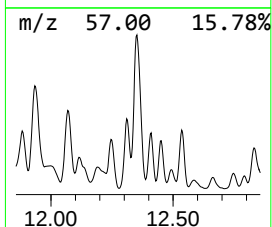
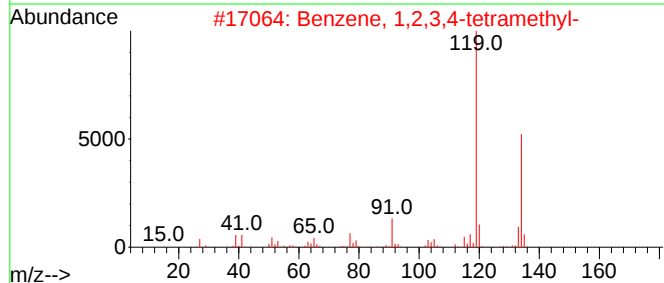
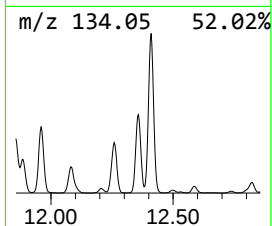
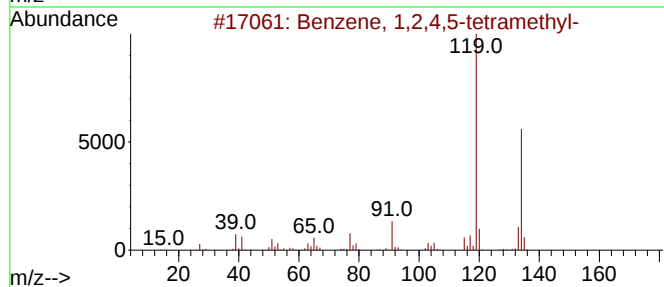
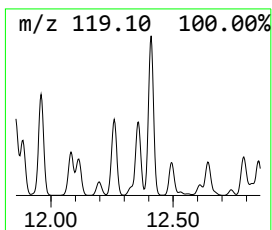
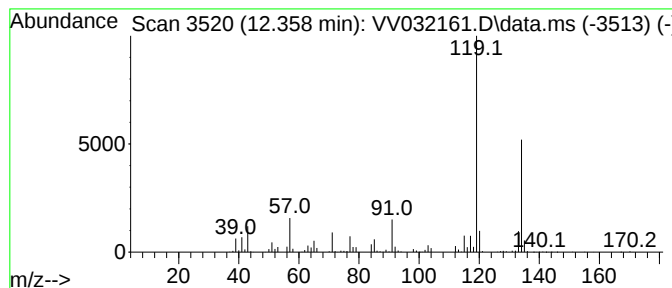
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.358	78.42 ug/L	2127660	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

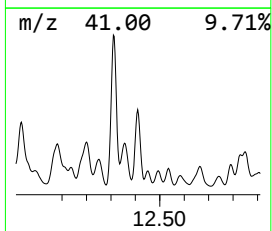
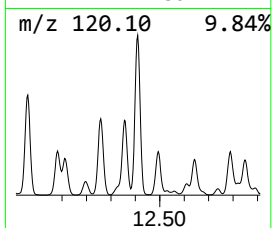
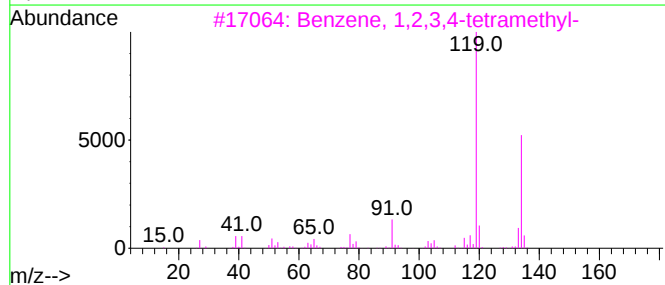
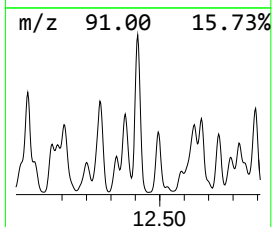
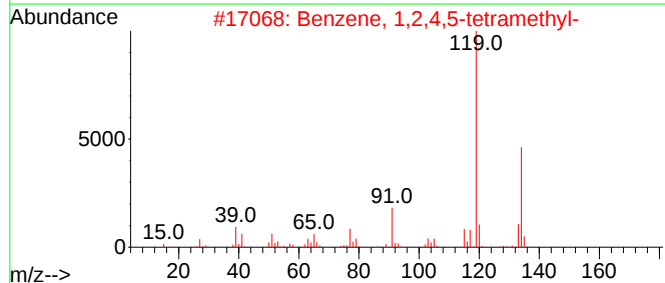
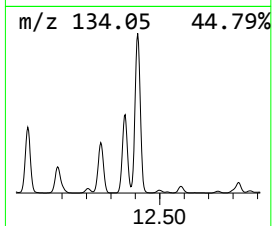
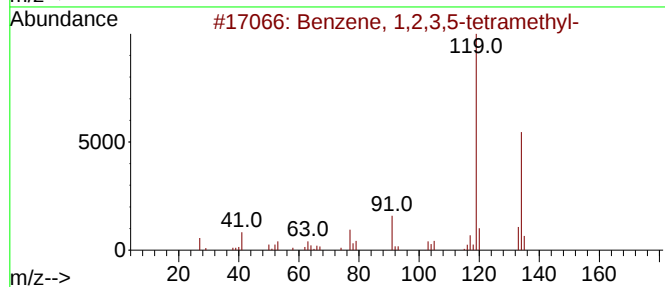
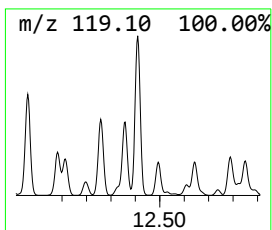
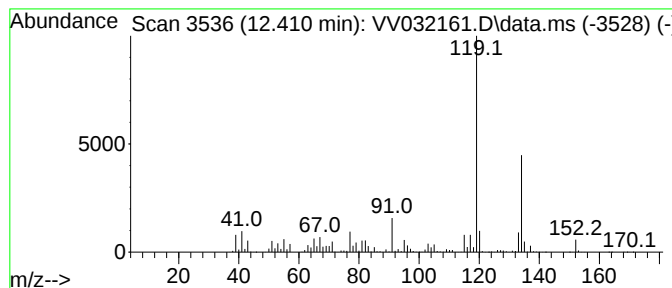
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	159.00 ug/L	4314040	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

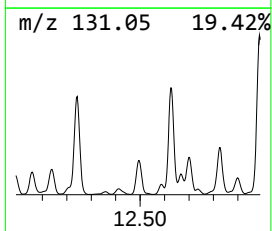
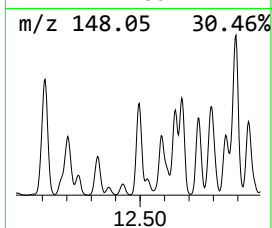
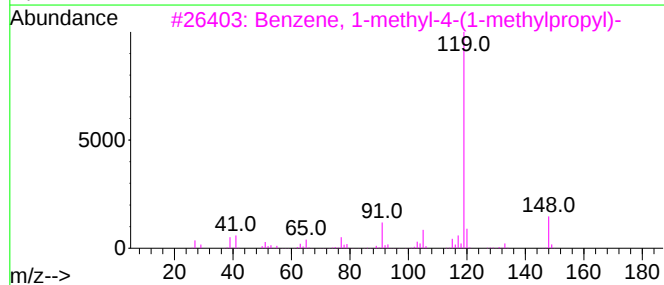
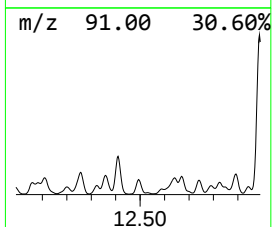
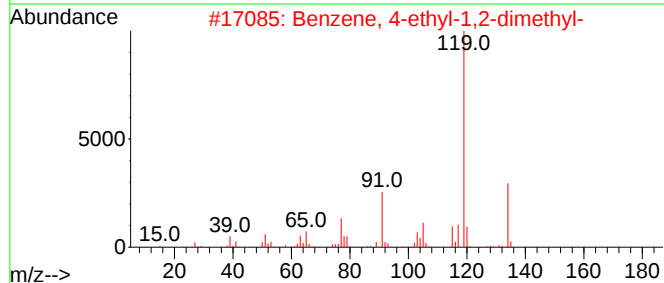
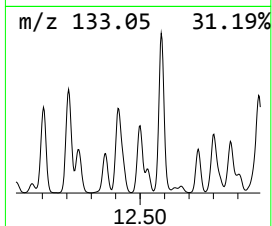
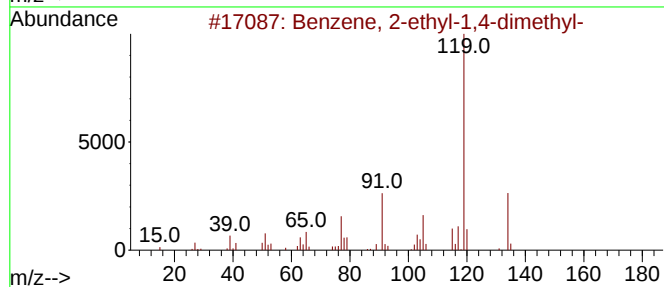
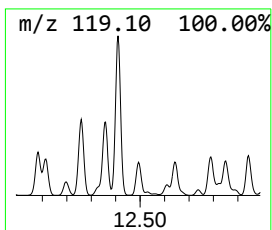
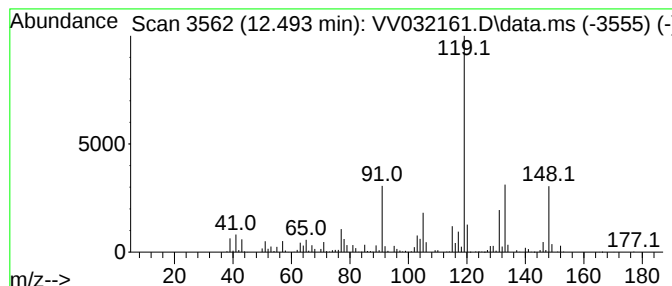
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.493	37.17 ug/L	1008370	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	78
3			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	70
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

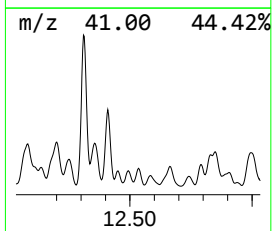
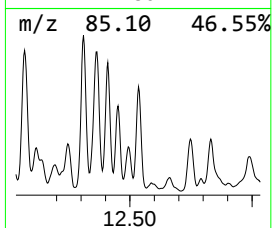
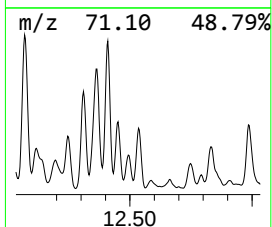
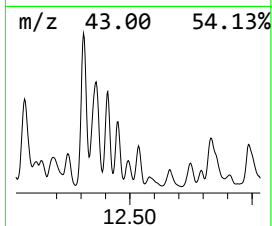
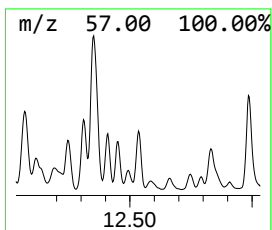
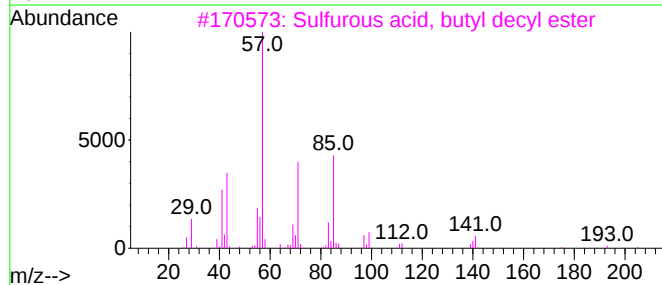
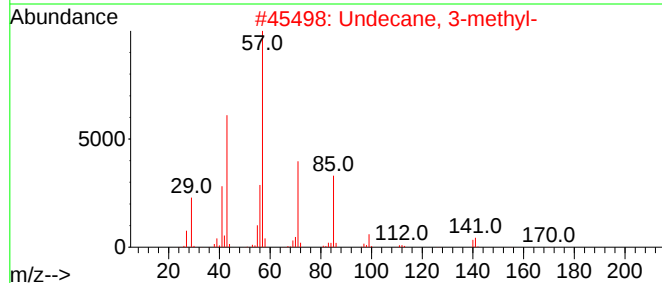
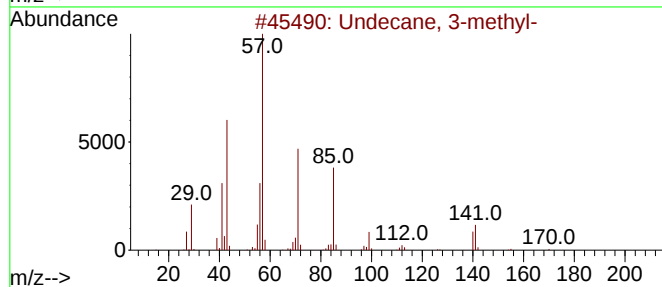
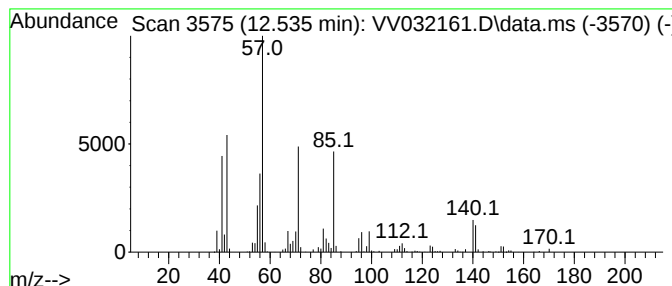
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.535	12.97 ug/L	352001	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	86
2			Undecane, 3-methyl-	170	C12H26	001002-43-3	78
3			Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	64
4			5-Ethyldecane	170	C12H26	017302-36-2	58
5			Undecane, 4-ethyl-	184	C13H28	017312-59-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

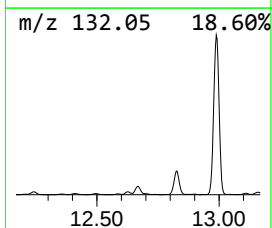
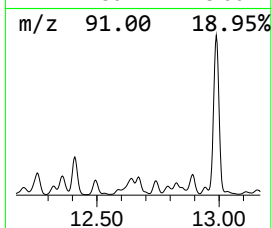
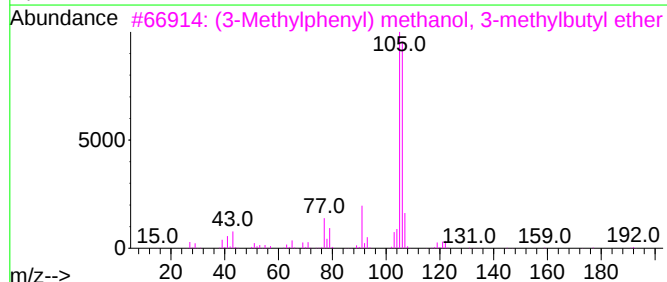
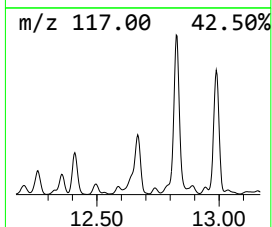
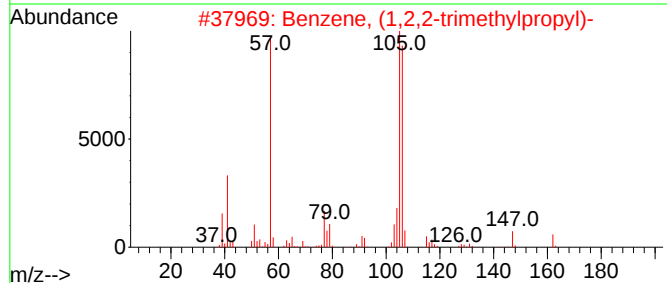
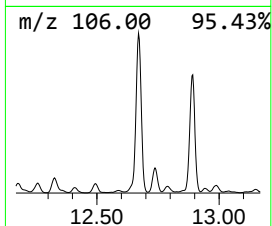
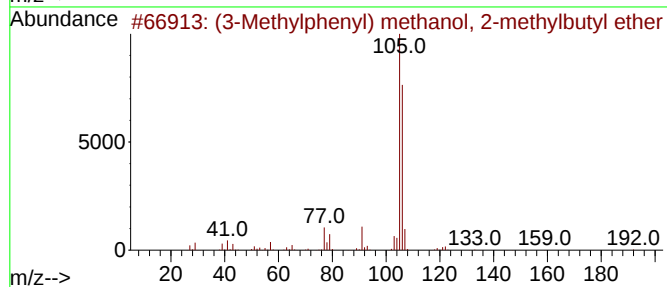
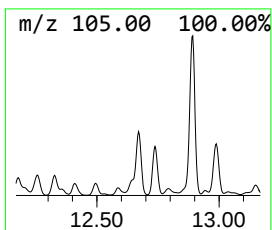
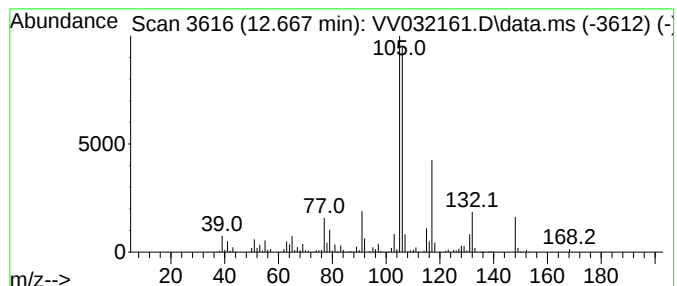
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 unknown-03 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.667	57.03 ug/L	1547210	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(3-Methylphenyl) methanol, 2-met...	192	C13H20O	1000374-43-9	43
2			Benzene, (1,2,2-trimethylpropyl)-	162	C12H18	019262-20-5	43
3			(3-Methylphenyl) methanol, 3-met...	192	C13H20O	1000374-58-6	38
4			10-Chlorotricyclo[4.2.2.0(1,5)]d...	168	C10H13Cl	1000186-22-5	38
5			(3-Methylphenyl) methanol, neope...	192	C13H20O	1000374-44-1	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

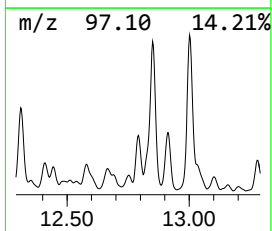
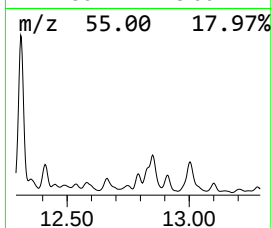
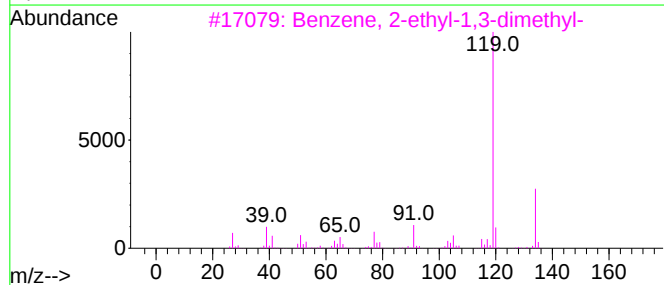
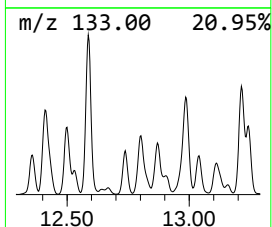
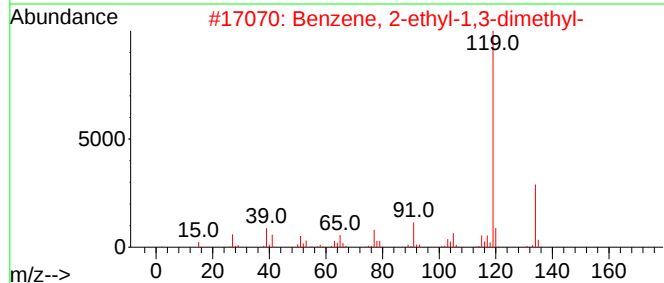
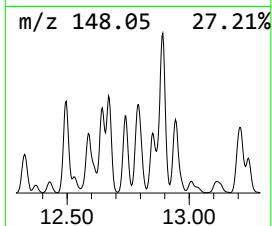
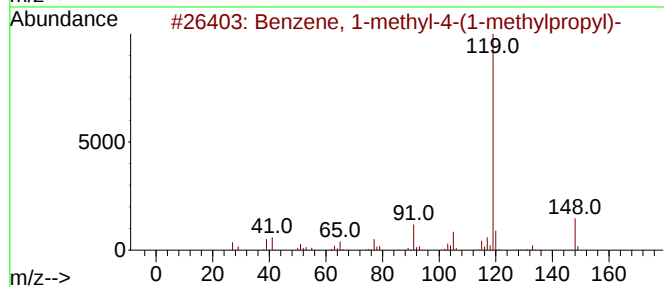
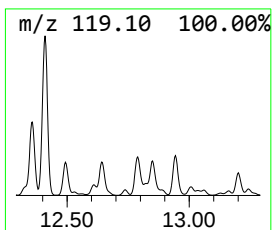
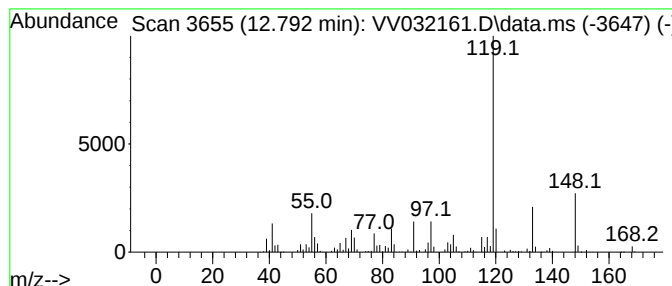
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 50 Benzene, 1-methyl-4-(1-meth... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.792	37.81 ug/L	1025930	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	81
2			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
3			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
5			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

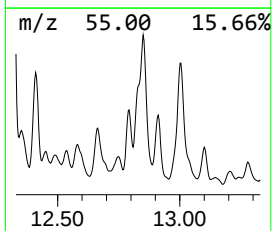
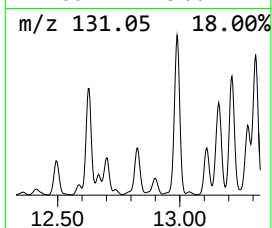
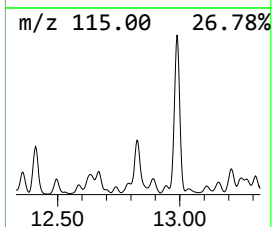
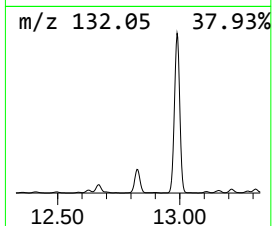
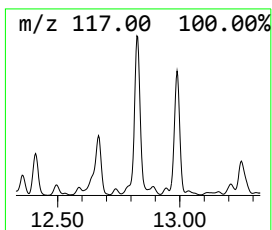
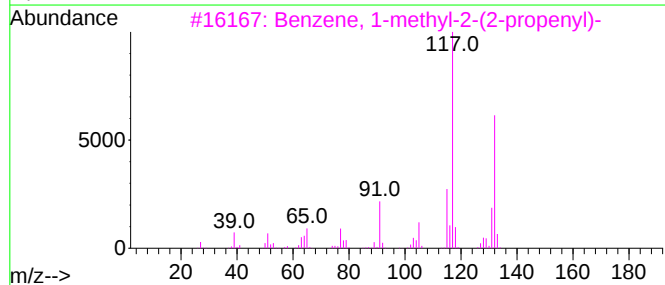
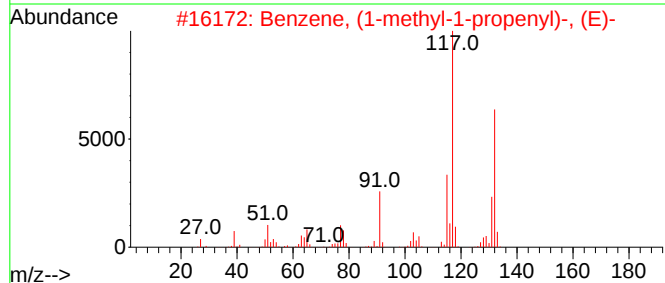
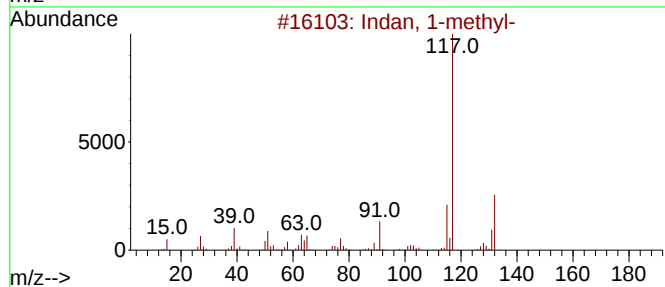
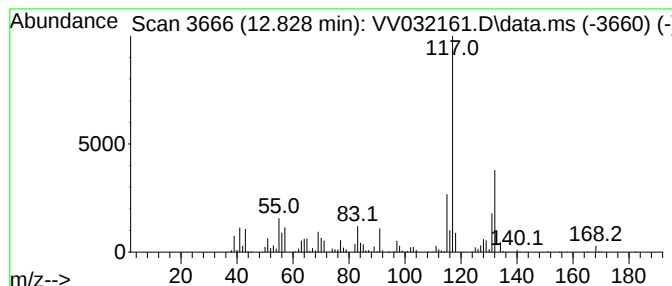
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 51 Benzene, (1-methyl-1-propen... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.828	109.50 ug/L	2970870	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indan, 1-methyl-	132	C10H12	000767-58-8	91
2			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
3			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
4			Indan, 1-methyl-	132	C10H12	000767-58-8	87
5			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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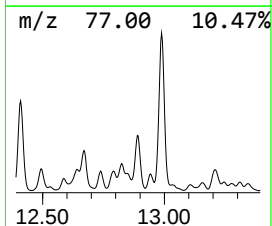
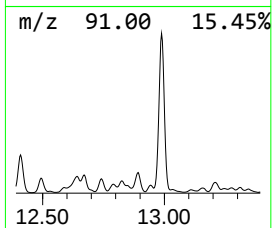
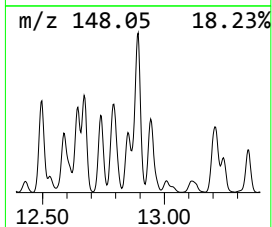
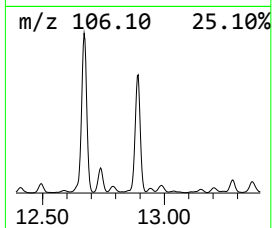
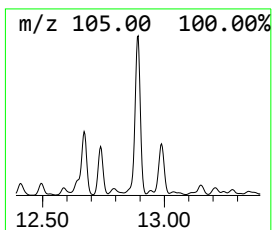
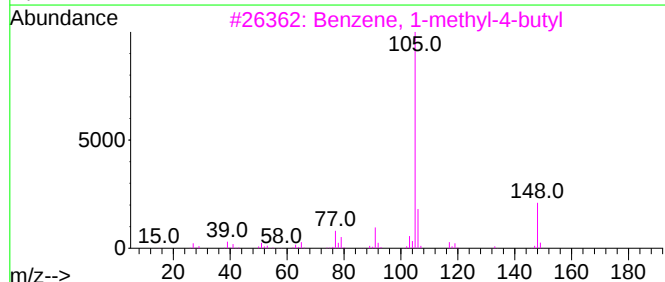
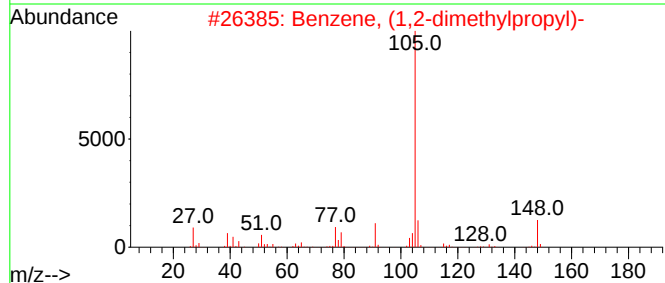
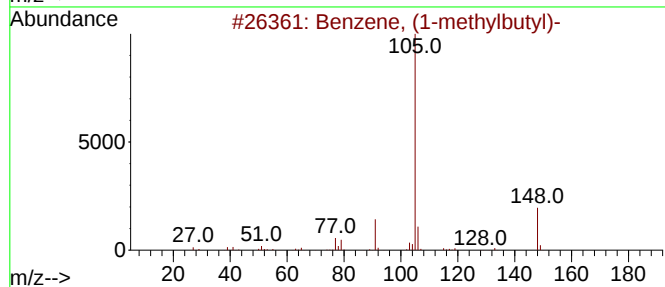
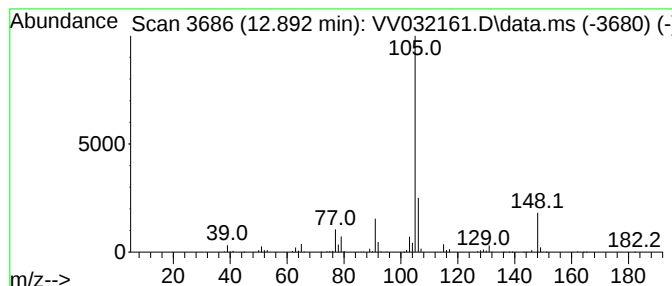
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 Benzene, (1-methylbutyl)- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.892	61.09 ug/L	1657490	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	72
2			Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	72
3			Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	72
4			Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	68
5			2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

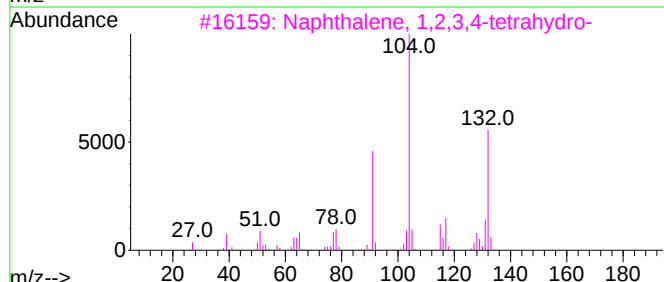
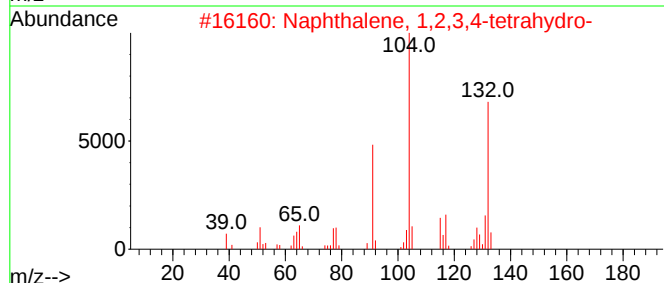
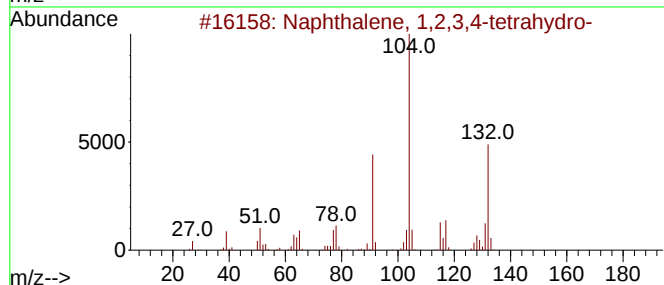
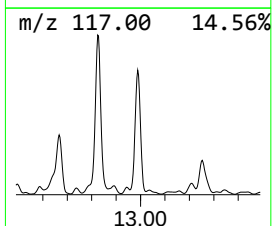
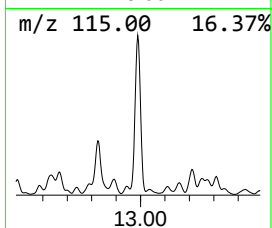
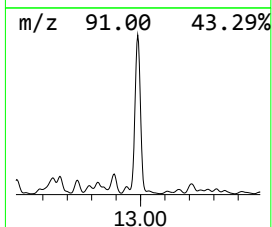
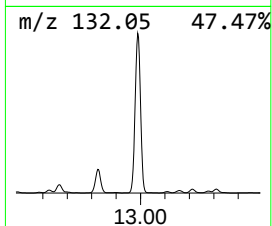
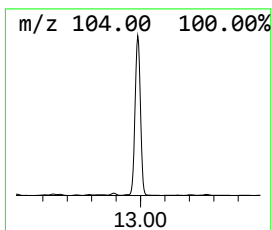
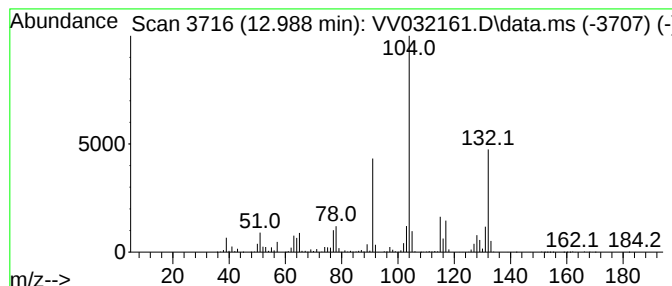
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 54 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.989	353.49 ug/L	9590930	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	97
2			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
3			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
4			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95
5			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

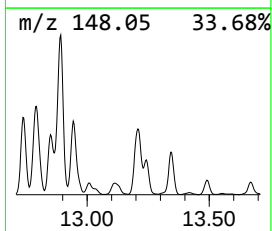
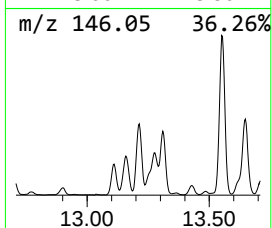
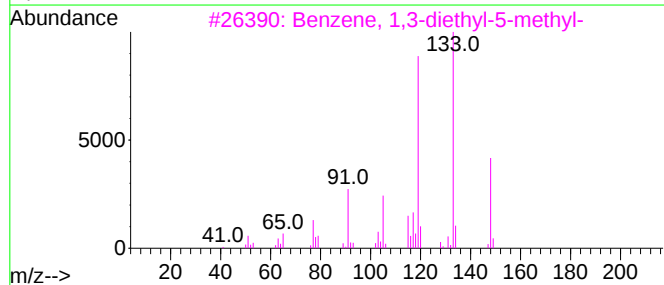
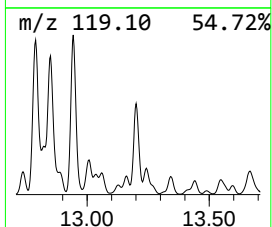
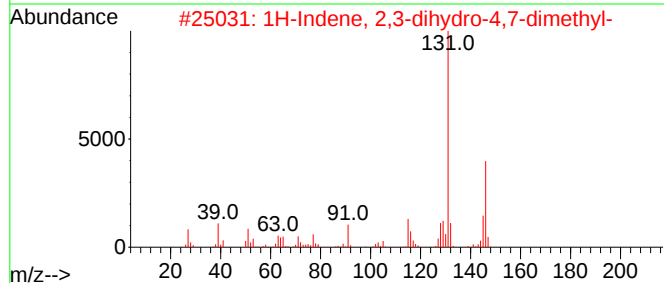
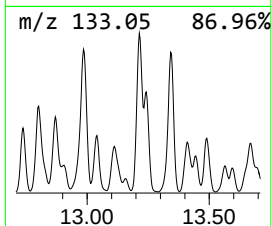
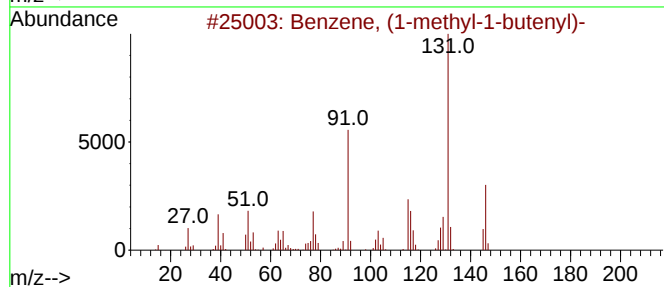
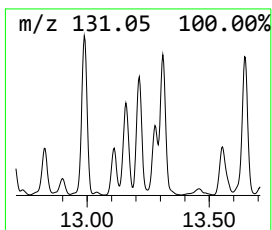
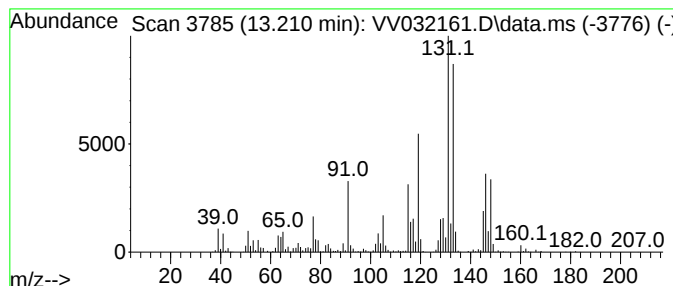
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 57 Benzene, (1-methyl-1-butenyl)- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	47.57 ug/L	1290560	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	84
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	83
3			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	50
4			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	50
5			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

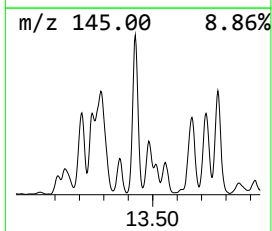
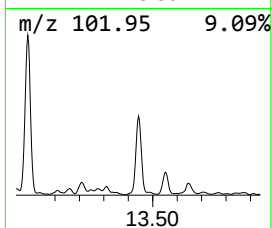
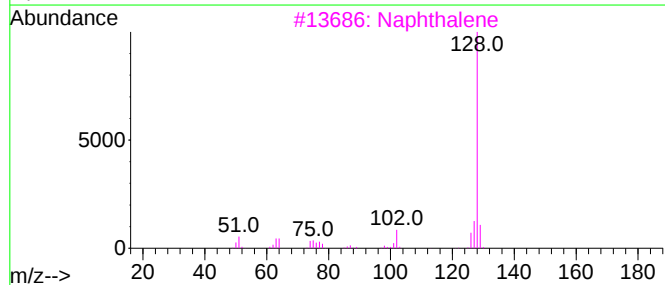
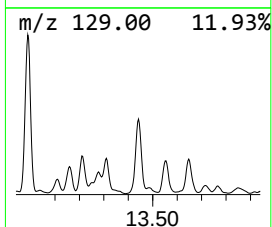
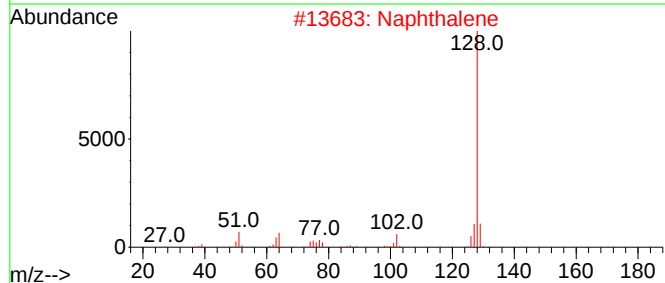
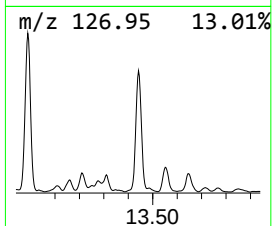
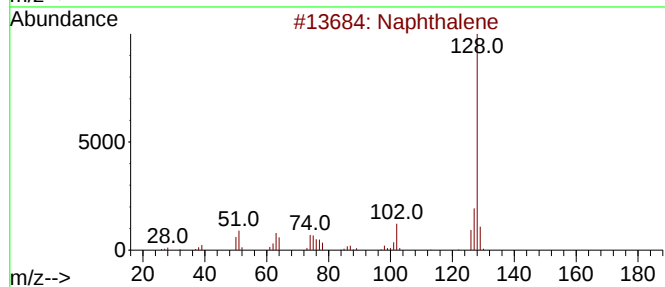
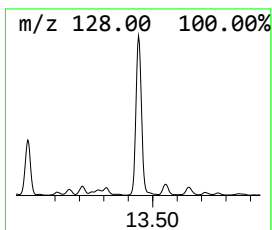
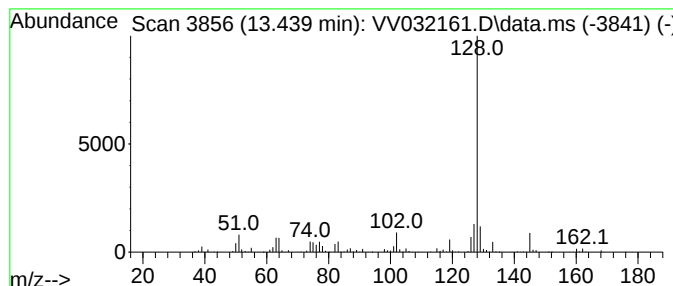
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 59 Azulene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.439	61.23 ug/L	1661260	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Naphthalene	128	C10H8	000091-20-3	94
3			Naphthalene	128	C10H8	000091-20-3	94
4			Naphthalene	128	C10H8	000091-20-3	91
5			Azulene	128	C10H8	000275-51-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

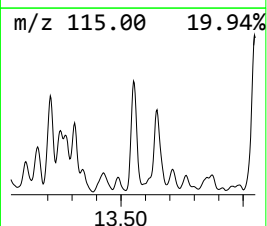
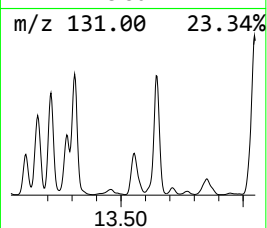
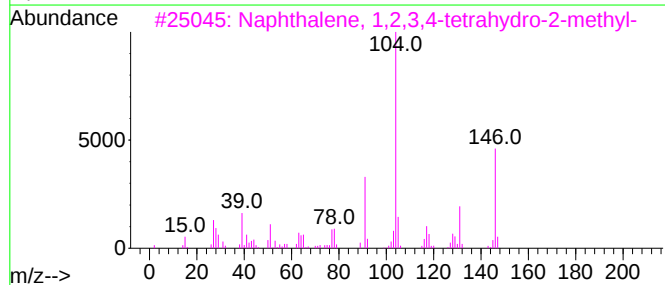
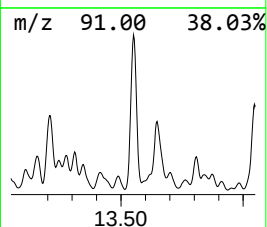
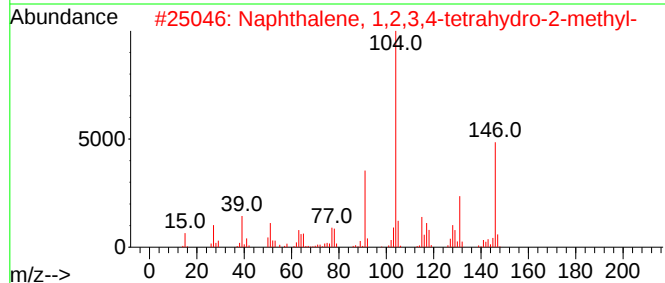
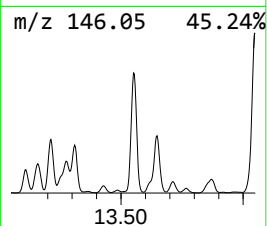
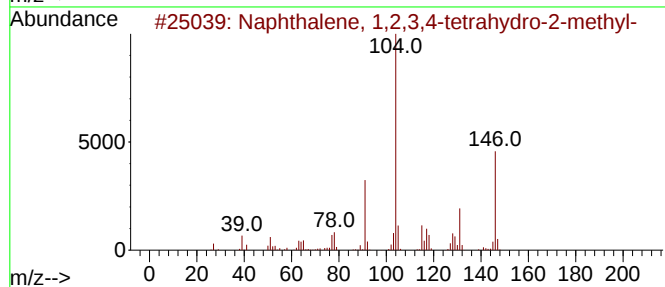
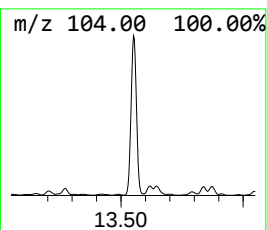
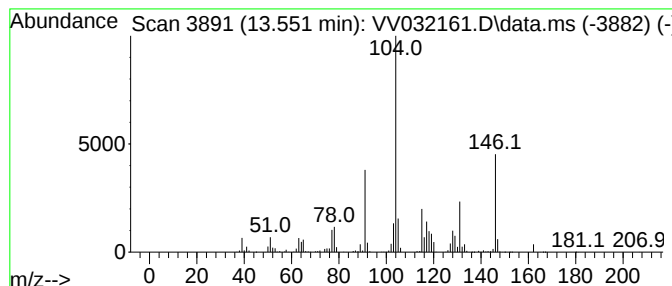
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 61 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.551	53.56 ug/L	1453310	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	94
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	91
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	90
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
5			Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

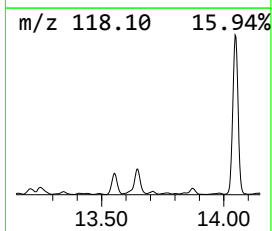
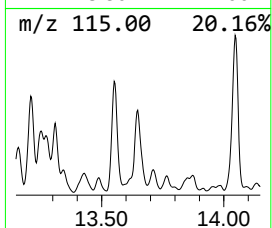
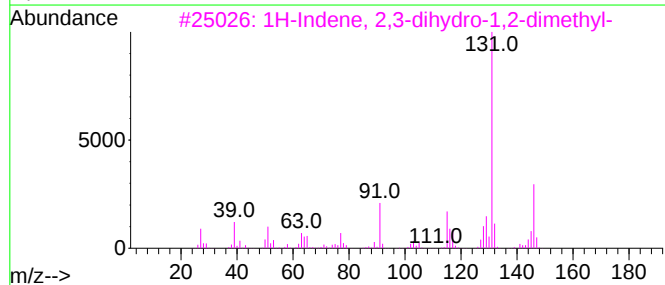
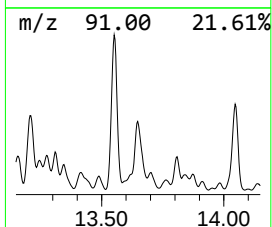
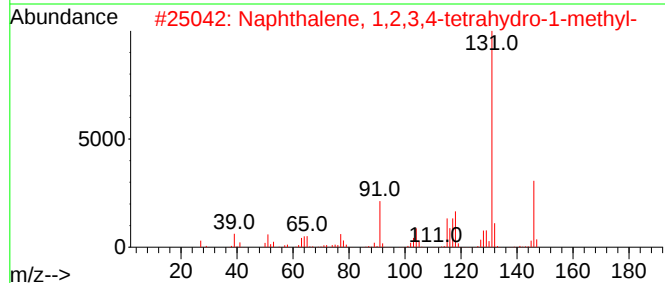
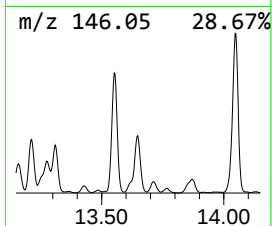
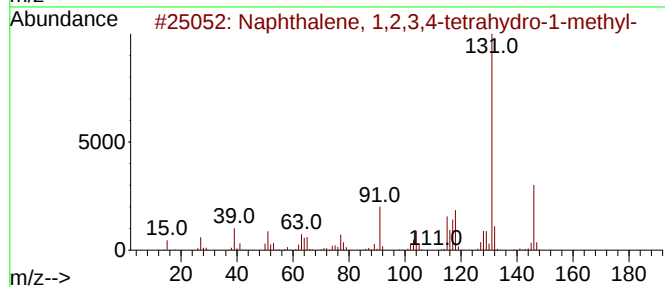
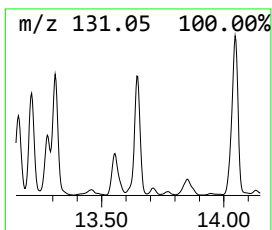
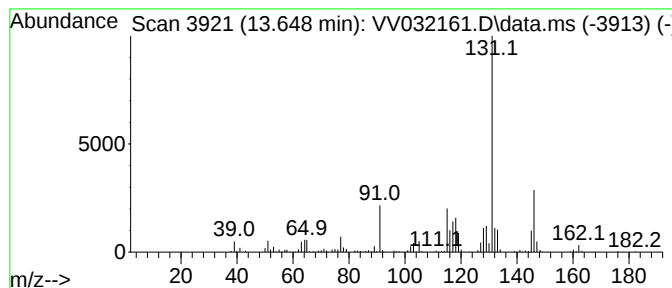
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 62 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.648	32.26 ug/L	875234	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	95
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	94
3			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
5			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

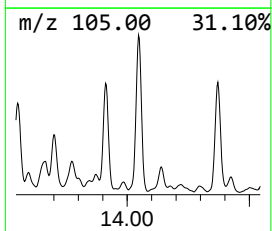
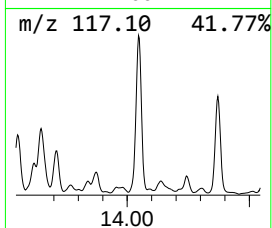
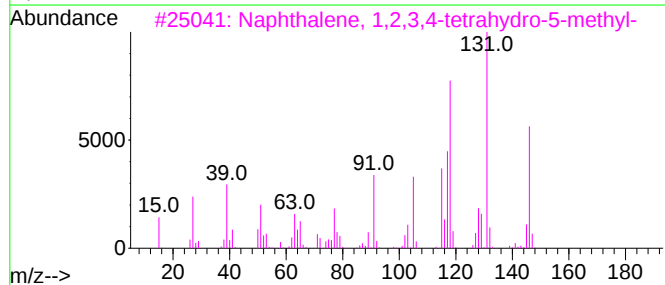
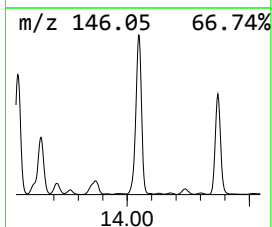
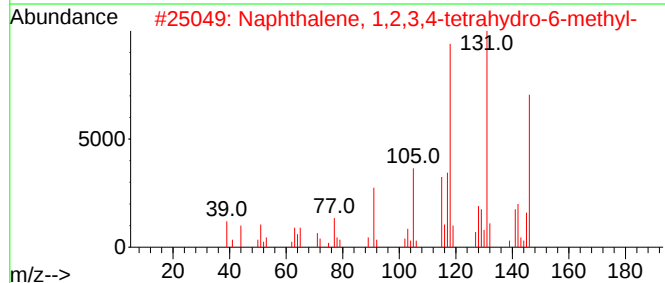
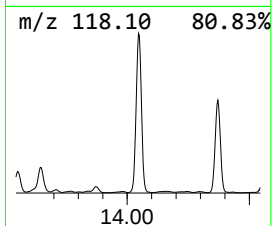
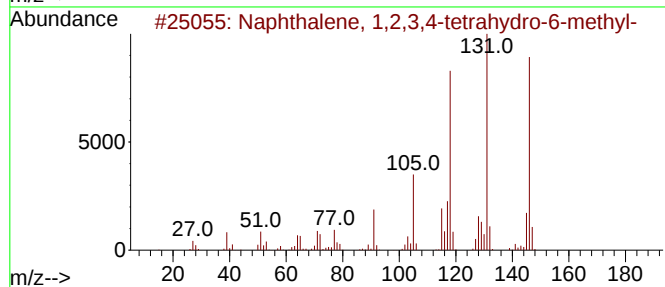
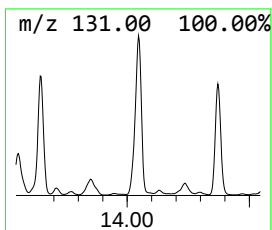
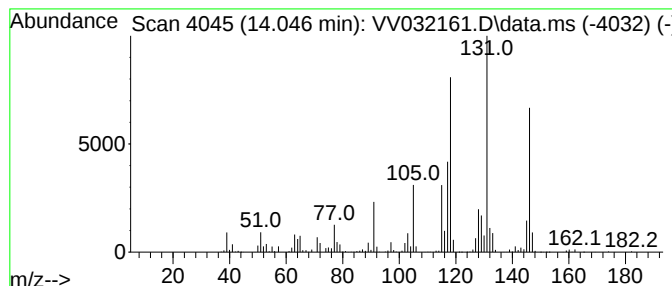
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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 64 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.046	72.18 ug/L	1958490	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
Acq On : 22 Sep 2023 14:53
Operator : SY/MD
Sample : 04527-08ME
Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME

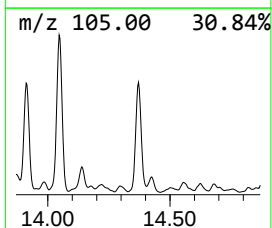
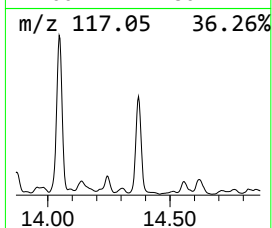
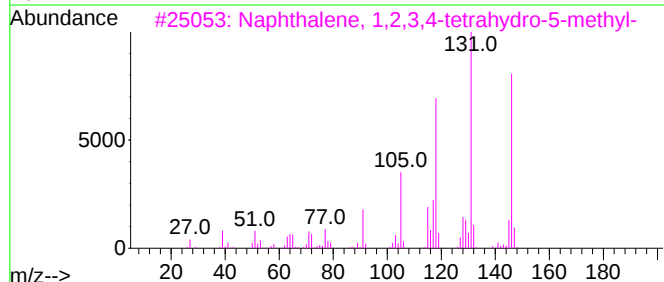
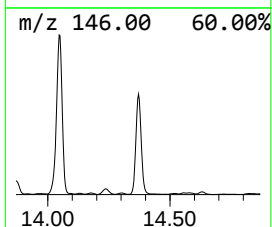
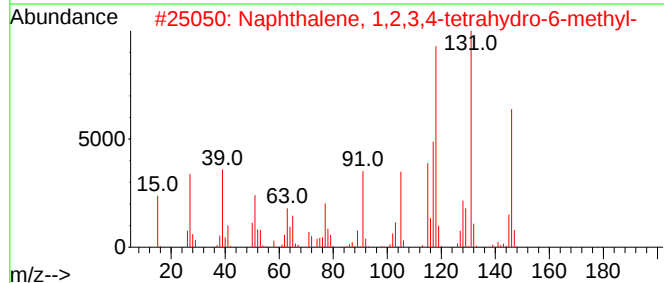
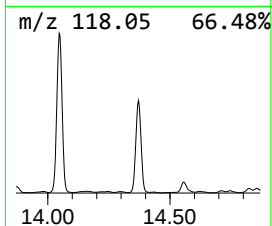
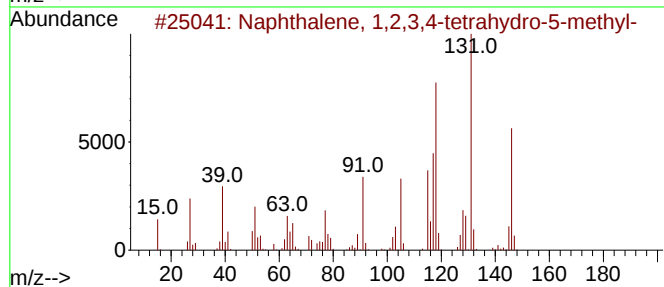
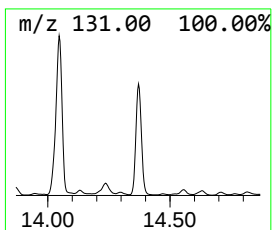
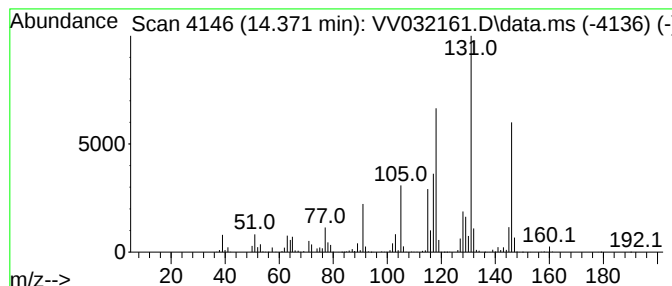
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 66 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.371	43.05 ug/L	1167940	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
 Data File : VV032161.D
 Acq On : 22 Sep 2023 14:53
 Operator : SY/MD
 Sample : 04527-08ME
 Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EZYK7ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	2.449	3.9	ug/L	52018	1	5.532	674399	50.0
(DEL) Alkane: C...	7.188	8.3	ug/L	128194	2	8.786	768507	50.0
(DEL) Alkane: C...	8.165	14.2	ug/L	217878	2	8.786	768507	50.0
(DEL) Alkane: C...	8.220	32.5	ug/L	498778	2	8.786	768507	50.0
(DEL) Alkane: C...	8.281	14.4	ug/L	220522	2	8.786	768507	50.0
(DEL) Alkane: S...	8.439	9.4	ug/L	144553	2	8.786	768507	50.0
(DEL) Alkane: C...	8.526	28.0	ug/L	429699	2	8.786	768507	50.0
(DEL) Alkane: S...	8.600	23.7	ug/L	364193	2	8.786	768507	50.0
(DEL) Alkane: S...	8.725	31.3	ug/L	481371	2	8.786	768507	50.0
(DEL) Alkane: C...	9.137	69.8	ug/L	1072340	2	8.786	768507	50.0
(DEL) Alkane: C...	9.252	18.7	ug/L	287684	2	8.786	768507	50.0
(DEL) Alkane: S...	9.349	6.5	ug/L	100192	2	8.786	768507	50.0
(DEL) Alkane: C...	9.410	136.4	ug/L	2096530	2	8.786	768507	50.0
(DEL) Alkane: C...	9.616	33.2	ug/L	509622	2	8.786	768507	50.0
(DEL) Alkane: S...	9.648	118.6	ug/L	1822310	2	8.786	768507	50.0
(DEL) Alkane: C...	9.735	315.6	ug/L	4850420	2	8.786	768507	50.0
(DEL) Alkane: S...	9.789	158.6	ug/L	2437870	2	8.786	768507	50.0
unknown-01	9.956	91.2	ug/L	1402030	2	8.786	768507	50.0
(DEL) Alkane: S...	10.027	74.8	ug/L	2028190	3	11.191	1356600	50.0
Pentalene, octa...	10.059	26.5	ug/L	719801	3	11.191	1356600	50.0
Benzene, propyl-	10.294	39.4	ug/L	1069530	3	11.191	1356600	50.0
(DEL) Alkane: C...	10.390	18.6	ug/L	504192	3	11.191	1356600	50.0
(DEL) Alkane: C...	10.625	22.6	ug/L	614097	3	11.191	1356600	50.0
Ethanone, 1-(1-...	10.664	57.7	ug/L	1566620	3	11.191	1356600	50.0
Benzene, (1-met...	11.034	146.4	ug/L	3971570	3	11.191	1356600	50.0
(DEL) Alkane: C...	11.098	172.0	ug/L	4667510	3	11.191	1356600	50.0
p-Cymene	11.140	27.7	ug/L	751263	3	11.191	1356600	50.0
(DEL) Alkane: S...	11.281	46.0	ug/L	1247260	3	11.191	1356600	50.0
unknown-02	11.403	36.2	ug/L	982186	3	11.191	1356600	50.0
Benzene, 1,4-di...	11.490	71.6	ug/L	1942550	3	11.191	1356600	50.0
Benzene, 1,2-di...	11.686	228.0	ug/L	6185650	3	11.191	1356600	50.0
Benzene, 1-meth...	11.763	174.2	ug/L	4725020	3	11.191	1356600	50.0
Benzene, 2-ethy...	11.857	57.0	ug/L	1545050	3	11.191	1356600	50.0
Cyclohexanone, ...	11.882	103.3	ug/L	2803910	3	11.191	1356600	50.0
(DEL) Alkane: C...	11.934	28.4	ug/L	769255	3	11.191	1356600	50.0
Benzene, 1-ethy...	11.960	37.7	ug/L	1021880	3	11.191	1356600	50.0
Indan, 1-methyl-	12.063	54.1	ug/L	1469090	3	11.191	1356600	50.0
Pulegone	12.201	75.5	ug/L	2049180	3	11.191	1356600	50.0
o-Cymene	12.255	87.3	ug/L	2367860	3	11.191	1356600	50.0
(DEL) Alkane: C...	12.313	130.8	ug/L	3549800	3	11.191	1356600	50.0
Benzene, 1,2,4,...	12.358	78.4	ug/L	2127660	3	11.191	1356600	50.0
Benzene, 1,2,3,...	12.410	159.0	ug/L	4314040	3	11.191	1356600	50.0
Benzene, 1-ethy...	12.493	37.2	ug/L	1008370	3	11.191	1356600	50.0
(DEL) Alkane: S...	12.535	13.0	ug/L	352001	3	11.191	1356600	50.0
unknown-03	12.667	57.0	ug/L	1547210	3	11.191	1356600	50.0
Benzene, 1-meth...	12.792	37.8	ug/L	1025930	3	11.191	1356600	50.0
Benzene, (1-met...	12.828	109.5	ug/L	2970870	3	11.191	1356600	50.0
Benzene, (1-met...	12.892	61.1	ug/L	1657490	3	11.191	1356600	50.0
Naphthalene, 1,...	12.989	353.5	ug/L	9590930	3	11.191	1356600	50.0
Benzene, (1-met...	13.210	47.6	ug/L	1290560	3	11.191	1356600	50.0
Azulene	13.439	61.2	ug/L	1661260	3	11.191	1356600	50.0
Naphthalene, 1,...	13.551	53.6	ug/L	1453310	3	11.191	1356600	50.0

Naphthalene, 1,...	13.648	32.3	ug/L	875234	3	11.191	1356600	50.0
Naphthalene, 1,...	14.046	72.2	ug/L	1958490	3	11.191	1356600	50.0
Naphthalene, 1,...	14.371	43.0	ug/L	1167940	3	11.191	1356600	50.0

Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME