

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
 Data File : VV032080.D
 Acq On : 13 Sep 2023 16:39
 Operator : SY/MD
 Sample : 04330-07ME
 Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EZYX8ME

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: VV032080.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.082	8	13	29	rVB2	7397	10073	1.08%	0.072%
2	1.185	38	45	51	rBV2	13551	14075	1.50%	0.100%
3	1.275	63	73	86	rBV2	76937	122844	13.12%	0.876%
4	1.449	110	127	128	rBV5	13253	26814	2.86%	0.191%
5	1.503	140	144	153	rBV2	13116	15393	1.64%	0.110%
6	1.815	236	241	251	rVB2	7970	11100	1.19%	0.079%
7	2.031	298	308	327	rVB	148019	217290	23.20%	1.549%
8	2.211	357	364	375	rVB2	4322	8090	0.86%	0.058%
9	2.388	405	419	423	rBV9	2766	5694	0.61%	0.041%
10	2.439	427	435	446	rVB5	8555	15217	1.62%	0.108%
11	2.555	459	471	488	rBV2	19603	42343	4.52%	0.302%
12	2.674	498	508	523	rVB10	2752	6311	0.67%	0.045%
13	2.857	553	565	574	rBV8	2965	6907	0.74%	0.049%
14	2.947	582	593	606	rBV4	5530	11001	1.17%	0.078%
15	3.809	852	861	898	rBV	66406	237036	25.31%	1.690%
16	4.249	980	998	1020	rBV	116564	313667	33.49%	2.236%
17	4.580	1083	1101	1112	rBV9	3283	10057	1.07%	0.072%
18	4.806	1160	1171	1183	rBV8	2497	7137	0.76%	0.051%
19	4.953	1200	1217	1254	rBV2	317058	824035	87.99%	5.875%
20	5.407	1345	1358	1370	rBV2	7350	15913	1.70%	0.113%
21	5.535	1385	1398	1429	rBV	321667	696279	74.35%	4.964%
22	5.834	1478	1491	1512	rVV	14351	40071	4.28%	0.286%
23	5.992	1527	1540	1572	rVB	170291	405528	43.30%	2.891%
24	6.847	1798	1806	1814	rBV4	5284	9066	0.97%	0.065%
25	6.918	1817	1828	1849	rVV2	95540	189197	20.20%	1.349%
26	7.191	1902	1913	1918	rBV7	6957	13063	1.39%	0.093%
27	7.246	1919	1930	1947	rVV	342626	625818	66.83%	4.461%
28	7.326	1948	1955	1980	rVB	15170	38961	4.16%	0.278%
29	7.503	2000	2010	2019	rBV2	17006	26420	2.82%	0.188%
30	7.561	2019	2028	2055	rVB	63504	137500	14.68%	0.980%
31	8.043	2159	2178	2204	rBV2	157182	419827	44.83%	2.993%
32	8.223	2225	2234	2243	rVB2	12509	21210	2.26%	0.151%
33	8.284	2245	2253	2262	rBV2	9629	15731	1.68%	0.112%
34	8.513	2313	2324	2325	rBV	7397	9942	1.06%	0.071%
35	8.606	2345	2353	2364	rVB2	19036	31720	3.39%	0.226%
36	8.728	2380	2391	2400	rBV	20140	33832	3.61%	0.241%

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

37	8.789	2400	2410	2431	rBV	501290	854477	91.24%	6.092%
38	8.953	2448	2461	2476	rBV	52288	89449	9.55%	0.638%
39	9.040	2479	2488	2491	rVV6	7632	12066	1.29%	0.086%
40	9.079	2491	2500	2512	rVV	151189	270705	28.91%	1.930%
41	9.146	2513	2521	2541	rVB	59360	104605	11.17%	0.746%
42	9.255	2544	2555	2565	rBV7	6745	12039	1.29%	0.086%
43	9.416	2590	2605	2617	rBV5	19424	36276	3.87%	0.259%
44	9.487	2617	2627	2646	rBV	64557	123001	13.13%	0.877%
45	9.651	2659	2678	2688	rBV3	47511	94923	10.14%	0.677%
46	9.738	2690	2705	2714	rVV5	39999	91137	9.73%	0.650%
47	9.792	2715	2722	2733	rVV	46266	77119	8.23%	0.550%
48	9.870	2733	2746	2755	rVV7	13545	38661	4.13%	0.276%
49	9.918	2755	2761	2766	rVV5	9025	13595	1.45%	0.097%
50	9.960	2766	2774	2783	rVV3	29003	49733	5.31%	0.355%
51	10.027	2783	2795	2801	rVV2	51002	95189	10.16%	0.679%
52	10.059	2802	2805	2816	rVB3	37049	48458	5.17%	0.345%
53	10.162	2816	2837	2854	rBV	301152	564119	60.24%	4.022%
54	10.300	2872	2880	2884	rBV2	13146	20979	2.24%	0.150%
55	10.394	2900	2909	2920	rBV2	49047	96352	10.29%	0.687%
56	10.452	2920	2927	2933	rVV2	40316	56177	6.00%	0.400%
57	10.522	2942	2949	2969	rVB2	131082	227051	24.24%	1.619%
58	10.625	2970	2981	2986	rBV6	9970	21944	2.34%	0.156%
59	10.677	2987	2997	3005	rBV3	24920	56319	6.01%	0.401%
60	10.776	3021	3028	3034	rBV6	14533	20230	2.16%	0.144%
61	10.821	3034	3042	3048	rBV	121849	180898	19.32%	1.290%
62	10.860	3048	3054	3065	rVB	105659	162379	17.34%	1.158%
63	10.976	3083	3090	3095	rBV5	23190	35366	3.78%	0.252%
64	11.040	3106	3110	3119	rVB4	47021	62535	6.68%	0.446%
65	11.098	3120	3128	3135	rBV3	76387	119298	12.74%	0.850%
66	11.140	3136	3141	3148	rVB6	44070	60706	6.48%	0.433%
67	11.191	3148	3157	3167	rBV	614689	936486	100.00%	6.676%
68	11.281	3178	3185	3193	rBV	80821	107493	11.48%	0.766%
69	11.407	3218	3224	3234	rVB4	43405	62305	6.65%	0.444%
70	11.490	3239	3250	3253	rVV8	23094	45050	4.81%	0.321%
71	11.519	3254	3259	3263	rVV2	46318	67249	7.18%	0.479%
72	11.567	3264	3274	3291	rVB	433600	783582	83.67%	5.586%
73	11.734	3318	3326	3333	rBV	119588	162914	17.40%	1.161%
74	11.882	3357	3372	3380	rBV3	95967	209340	22.35%	1.492%
75	11.937	3381	3389	3392	rBV5	40703	60398	6.45%	0.431%
76	12.069	3421	3430	3438	rBV5	67065	137089	14.64%	0.977%

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77	12.201	3459	3471	3480	rBV7	83827	162153	17.32%	1.156%
78	12.313	3496	3506	3513	rBV2	140934	239189	25.54%	1.705%
79	12.355	3514	3519	3528	rVB3	77575	128474	13.72%	0.916%
80	12.410	3528	3536	3544	rBV2	133501	190119	20.30%	1.355%
81	12.497	3556	3563	3569	rBV6	31076	43098	4.60%	0.307%
82	12.535	3570	3575	3582	rVB2	33045	40262	4.30%	0.287%
83	12.667	3610	3616	3628	rVB4	44028	74593	7.97%	0.532%
84	12.744	3632	3640	3648	rBV4	42596	69447	7.42%	0.495%
85	12.831	3658	3667	3684	rVB6	168621	339014	36.20%	2.417%
86	12.988	3707	3716	3739	rVB3	173740	389520	41.59%	2.777%
87	13.210	3778	3785	3791	rBV6	37956	60970	6.51%	0.435%
88	13.423	3846	3851	3854	rBV3	49913	57855	6.18%	0.412%
89	13.586	3892	3902	3914	rBV2	95652	172109	18.38%	1.227%
90	13.847	3977	3983	3988	rBV	57668	75913	8.11%	0.541%
91	14.043	4035	4044	4055	rVB7	80433	157612	16.83%	1.124%
92	14.451	4166	4171	4180	rVB2	72066	99964	10.67%	0.713%
93	14.580	4204	4211	4212	rBV	53131	59538	6.36%	0.424%
94	14.760	4261	4267	4272	rBV	43088	57995	6.19%	0.413%
95	14.889	4302	4307	4315	rVB4	37638	49110	5.24%	0.350%
96	15.365	4448	4455	4463	rBV2	95751	131288	14.02%	0.936%
97	15.609	4521	4531	4543	rBV2	98827	193581	20.67%	1.380%
98	15.754	4569	4576	4583	rBV	108474	158271	16.90%	1.128%
99	16.426	4777	4785	4792	rBV	91561	135293	14.45%	0.965%
100	16.921	4933	4939	4950	rVB4	27078	39002	4.16%	0.278%

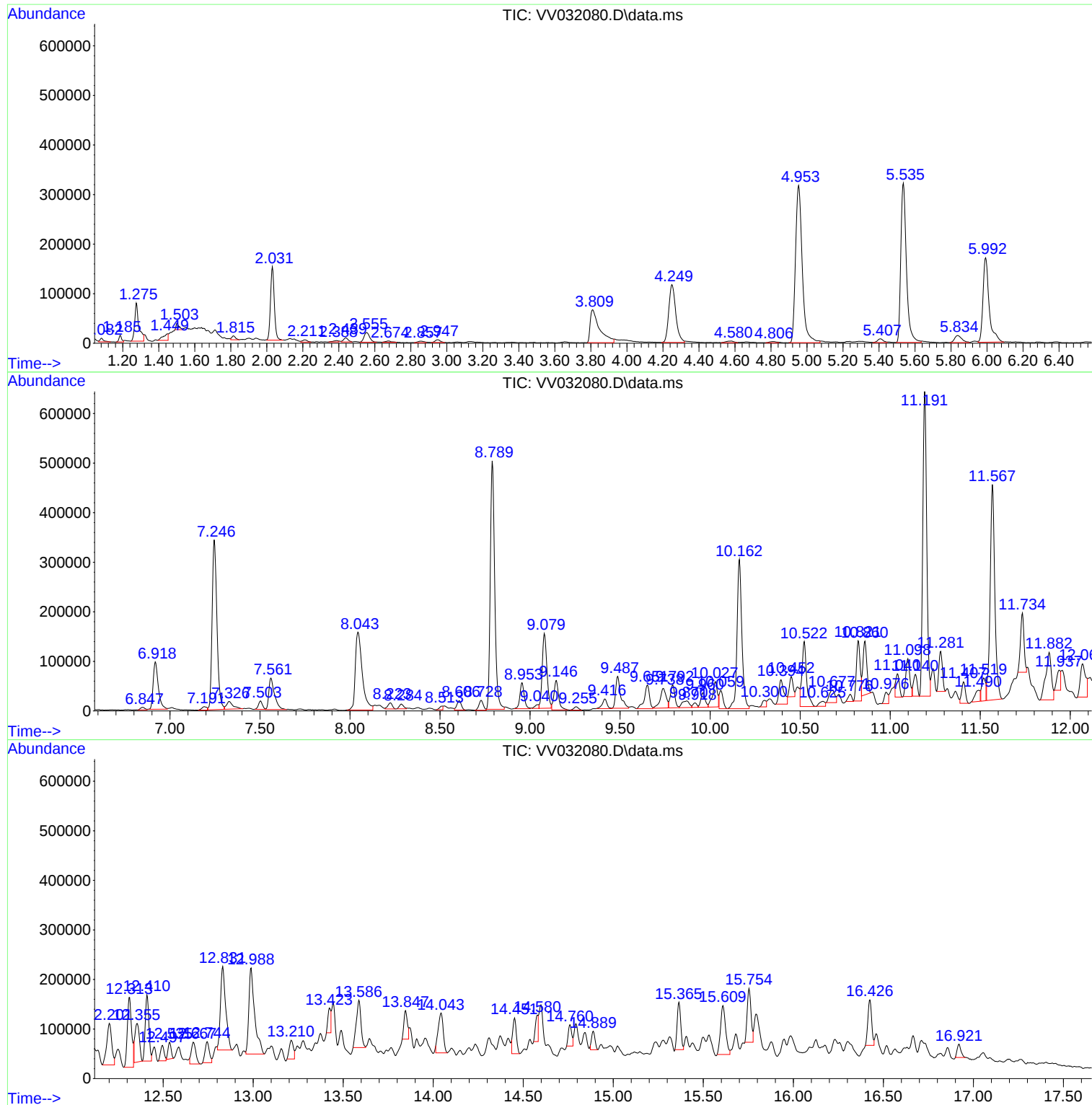
Sum of corrected areas: 14027224

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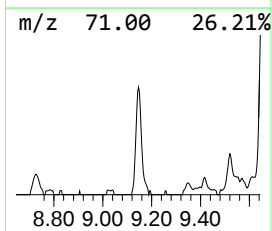
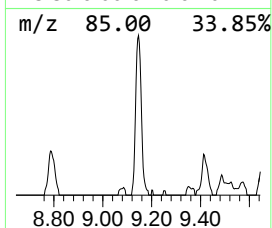
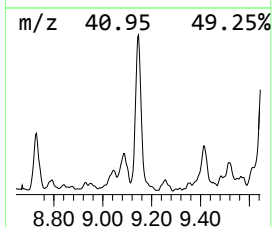
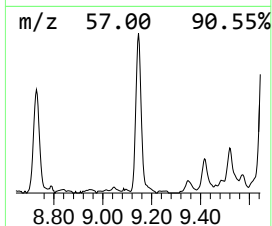
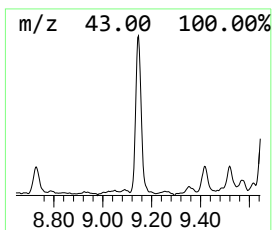
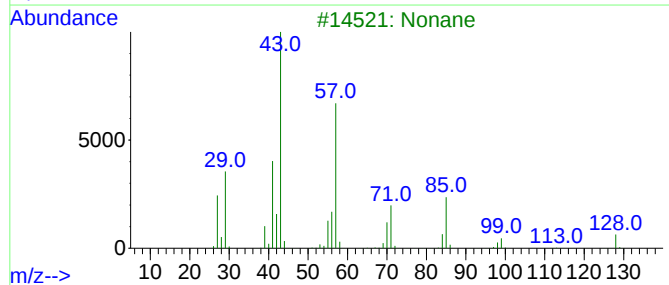
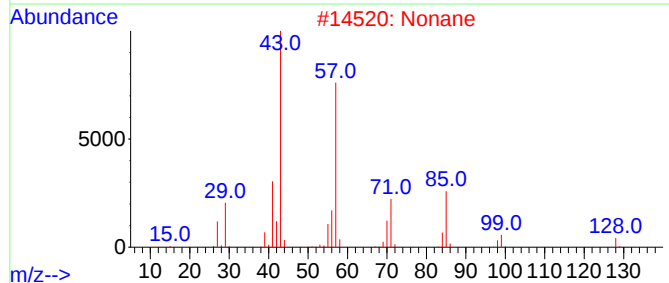
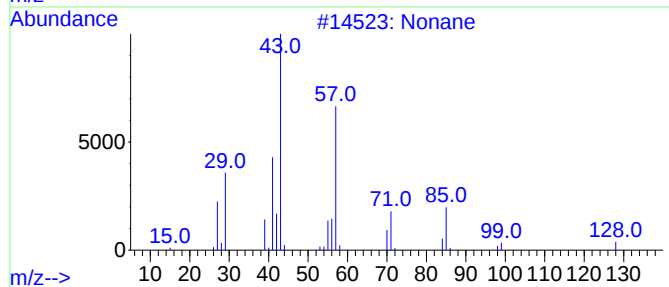
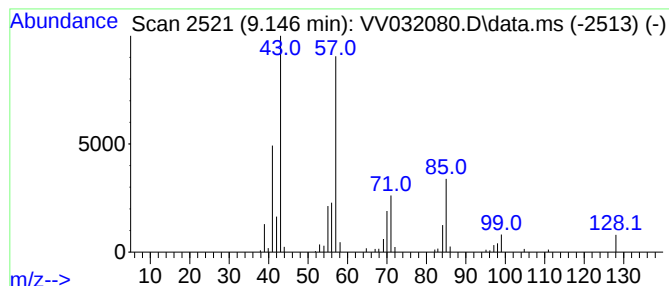
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.146	6.12 ug/L	104605	Chlorobenzene-d5	8.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane			128	C9H20	000111-84-2	95
2	Nonane			128	C9H20	000111-84-2	94
3	Nonane			128	C9H20	000111-84-2	94
4	Nonane			128	C9H20	000111-84-2	91
5	Octane			114	C8H18	000111-65-9	64



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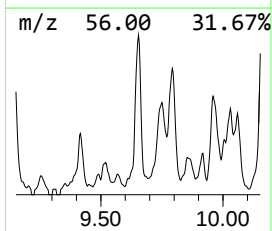
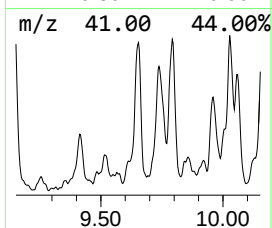
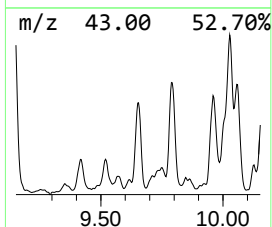
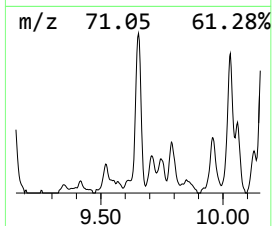
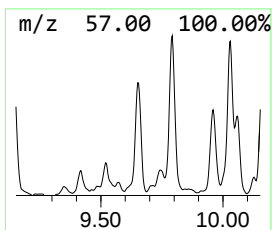
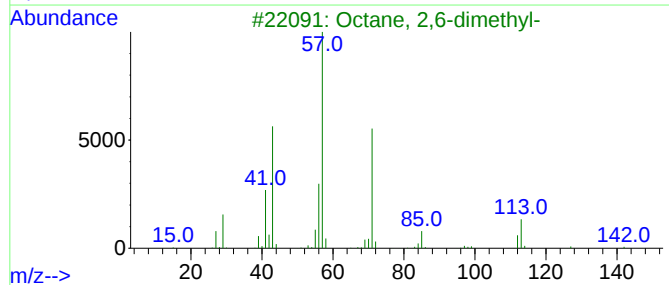
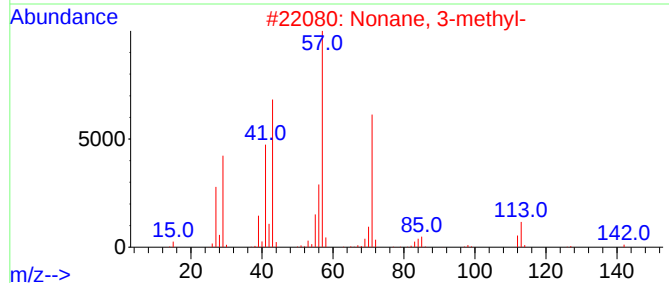
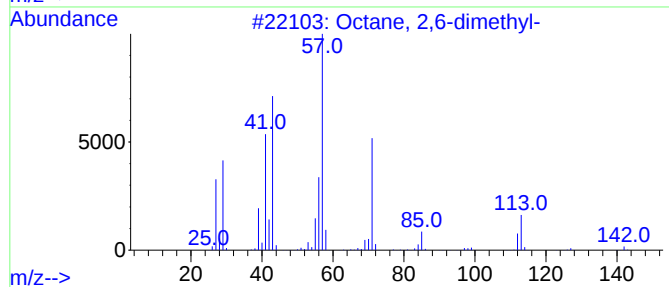
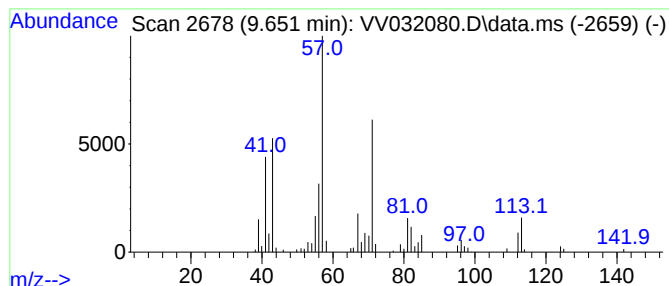
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.651	5.55 ug/L	94923	Chlorobenzene-d5	8.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	87
2	Nonane, 3-methyl-			142	C10H22	005911-04-6	87
3	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	87
4	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	87
5	Nonane, 3-methyl-			142	C10H22	005911-04-6	81



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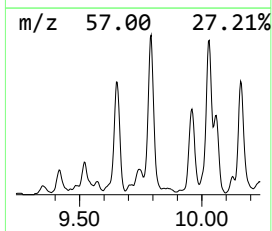
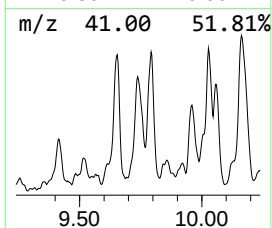
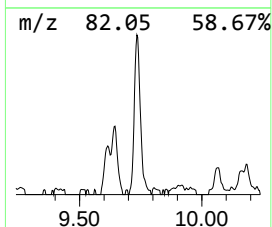
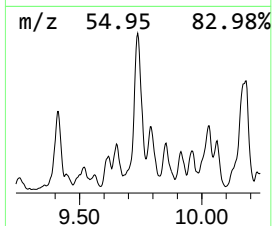
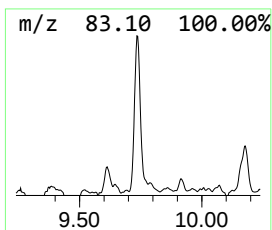
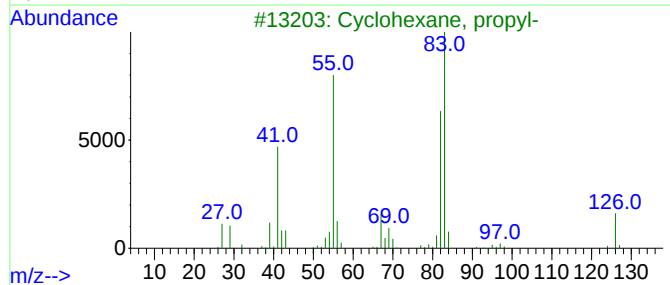
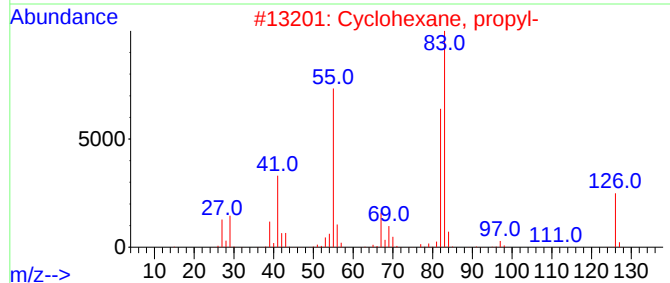
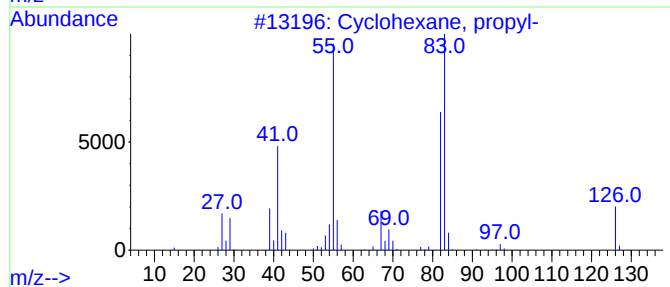
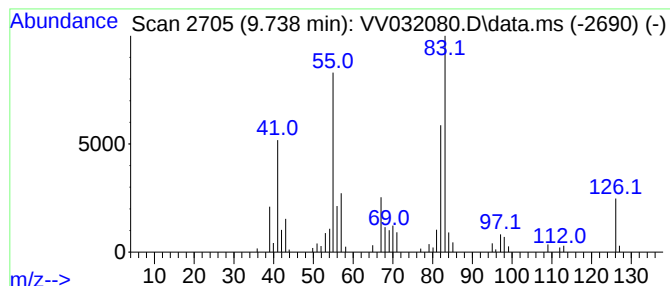
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Cyclic9.738 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.738	5.33 ug/L	91137	Chlorobenzene-d5	8.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	87
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	87
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	80
4			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYX8ME

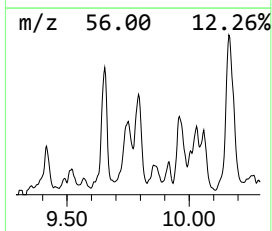
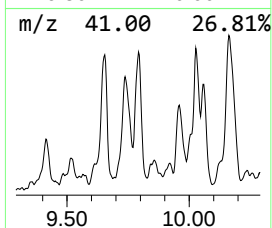
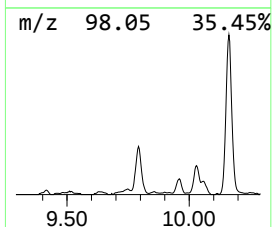
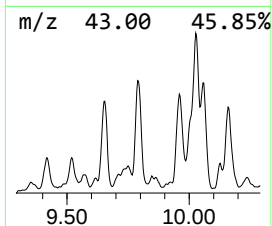
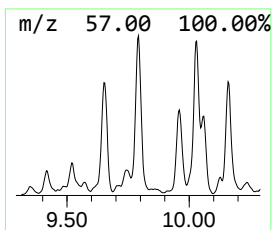
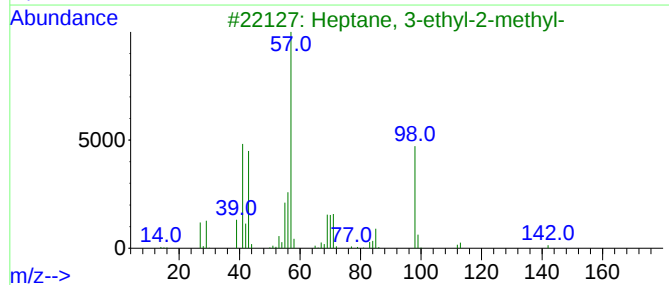
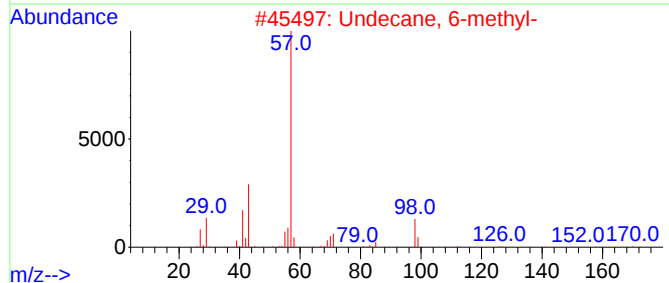
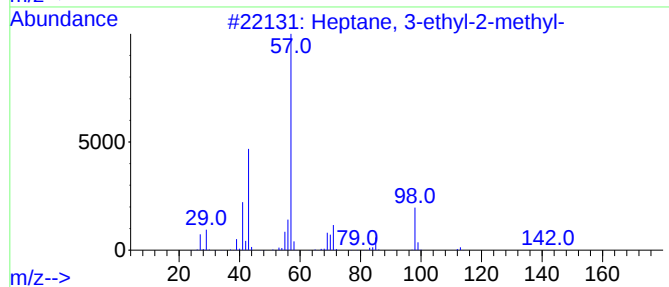
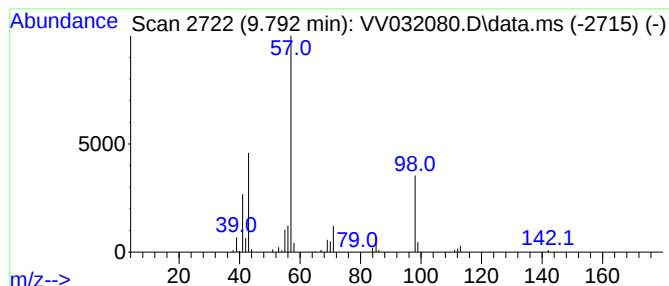
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.792	4.51 ug/L	77119	Chlorobenzene-d5	8.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59
2			Undecane, 6-methyl-	170	C12H26	017302-33-9	53
3			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
4			Undecane, 6-methyl-	170	C12H26	017302-33-9	50
5			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYX8ME

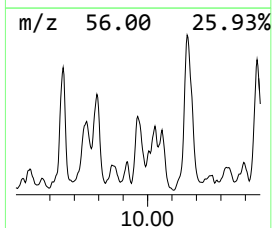
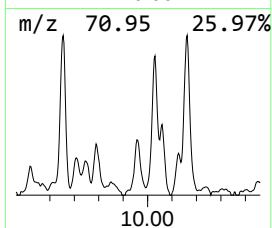
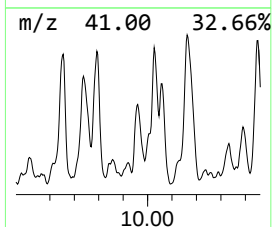
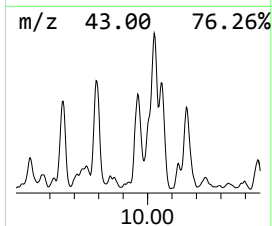
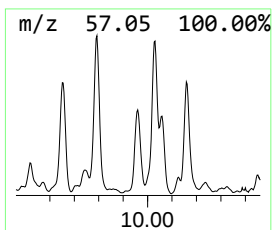
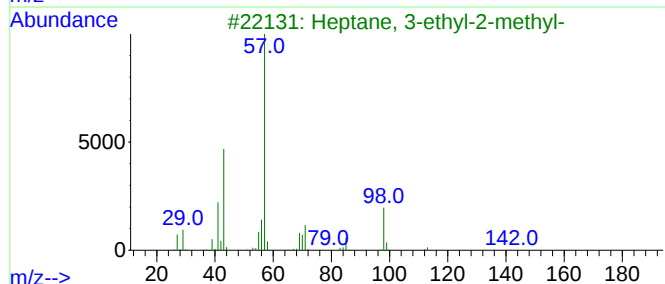
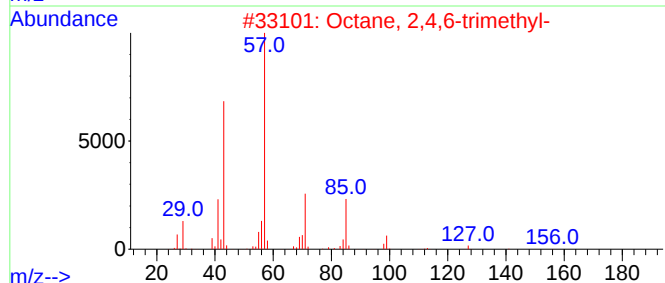
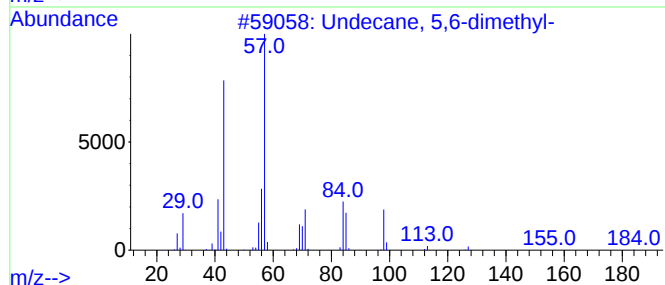
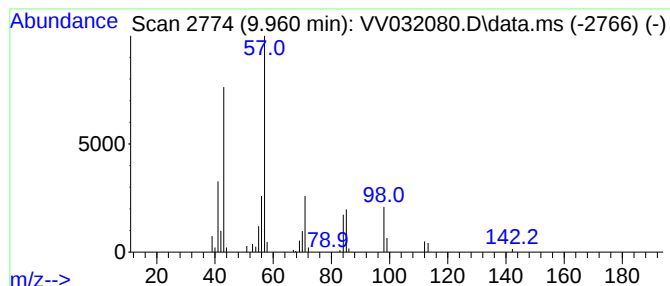
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.960	2.91 ug/L	49733	Chlorobenzene-d5	8.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	72
2			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50
3			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	47
4			Undecane, 6-methyl-	170	C12H26	017302-33-9	47
5			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYX8ME

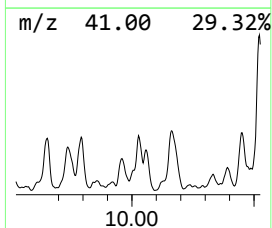
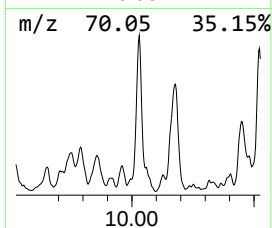
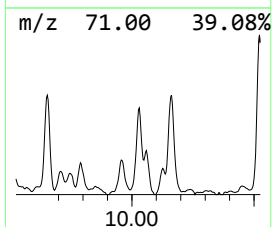
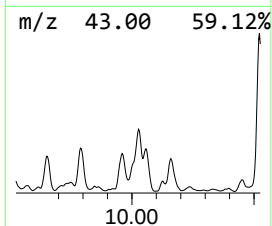
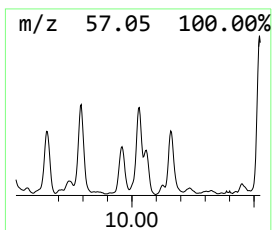
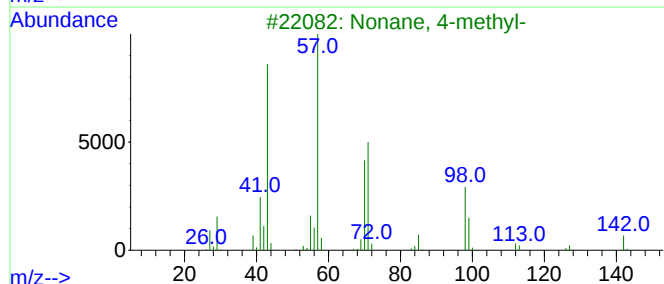
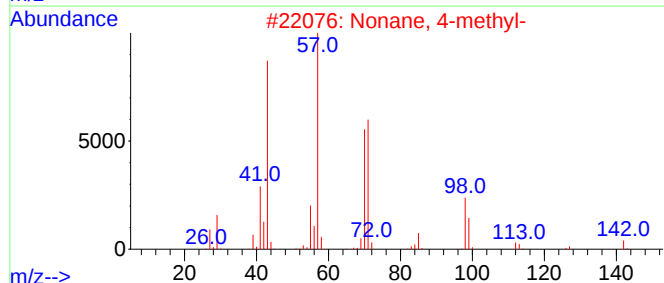
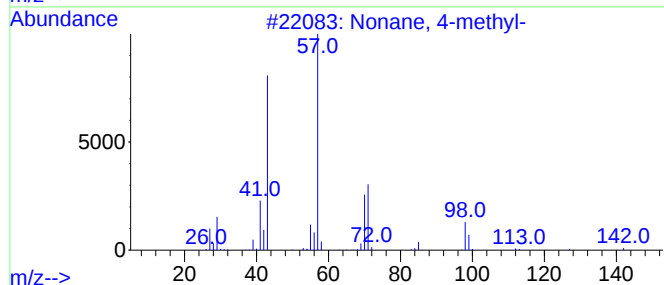
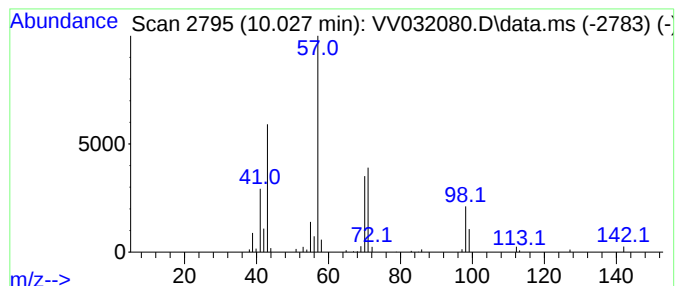
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.027	5.08 ug/L	95189	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	90
3			Nonane, 4-methyl-	142	C10H22	017301-94-9	74
4			Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	59
5			Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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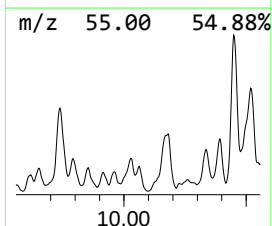
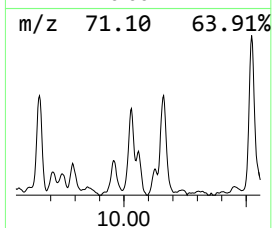
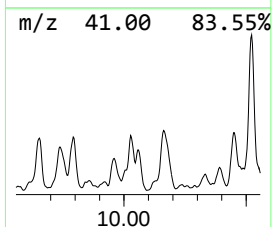
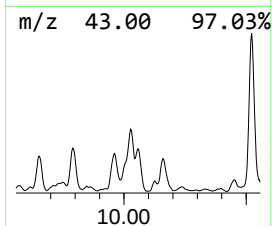
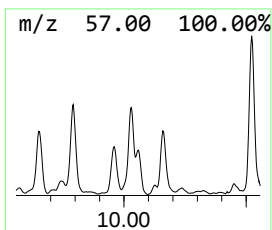
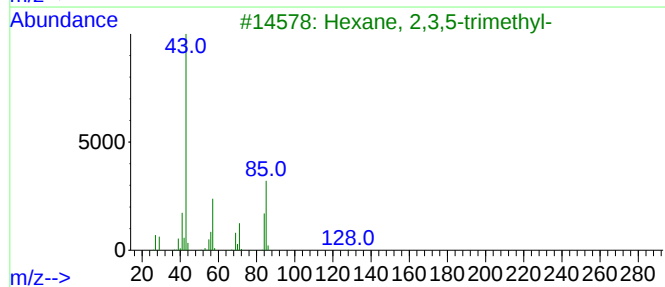
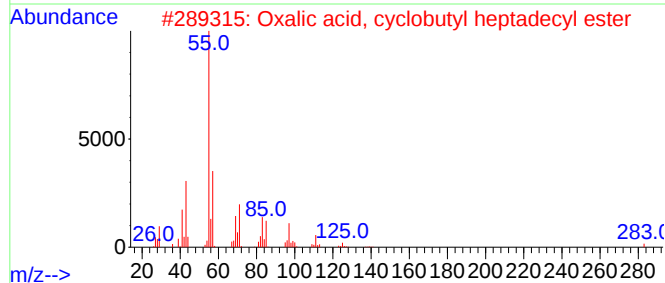
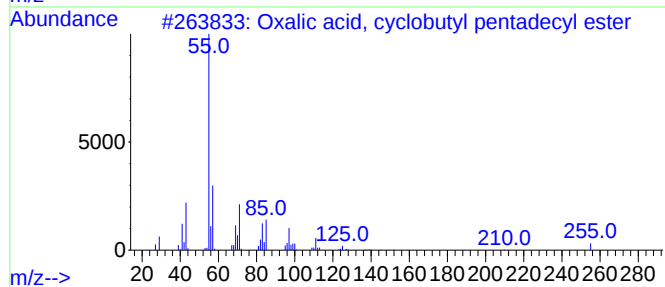
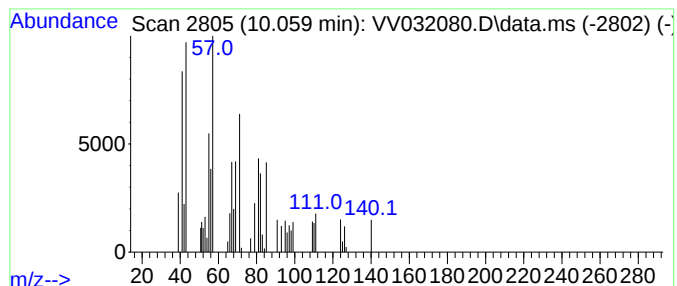
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Quant Title : VOC Analysis

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

Peak Number 9 unknown-01 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.059	2.59 ug/L	48458	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1010309-70-5	47
2			Oxalic acid, cyclobutyl heptadec...	382	C23H42O4	1000309-70-7	47
3			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	43
4			Pentadecane	212	C15H32	000629-62-9	27
5			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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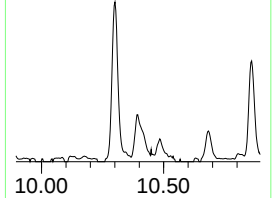
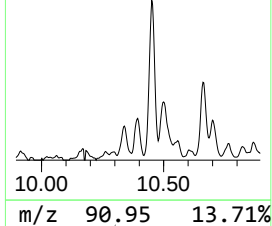
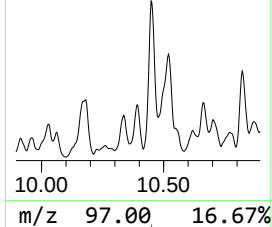
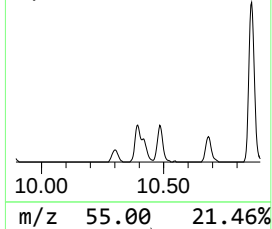
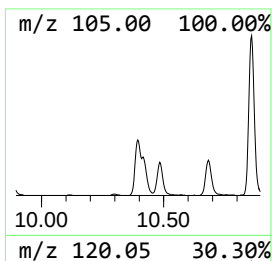
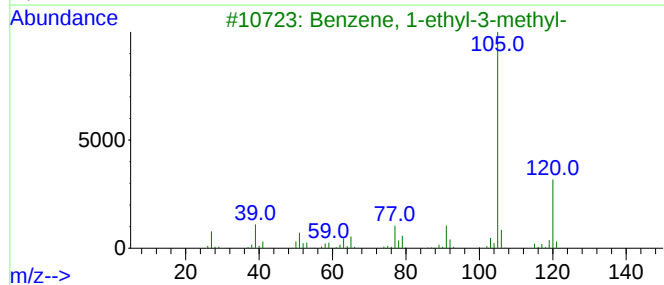
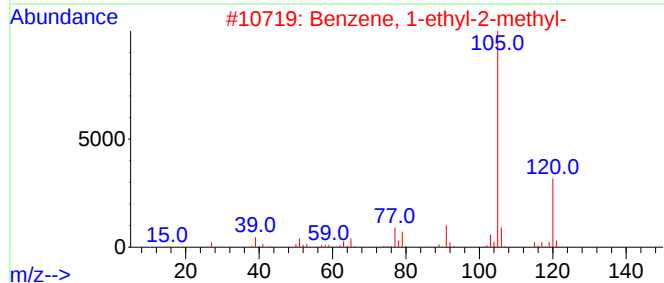
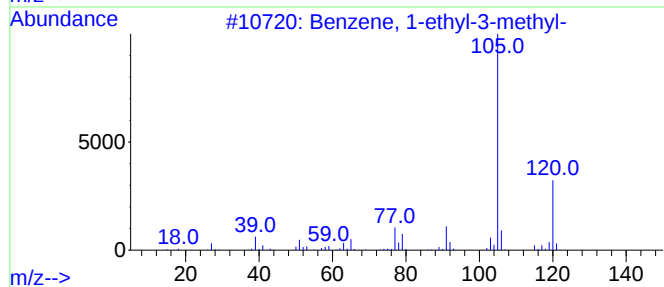
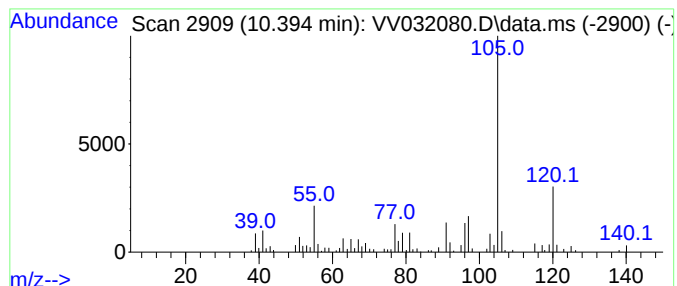
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Quant Title : VOC Analysis

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

Peak Number 10 Benzene, 1-ethyl-3-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.394	5.14 ug/L	96352	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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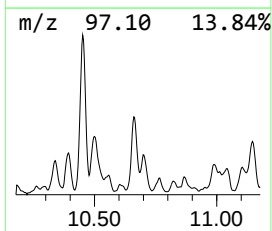
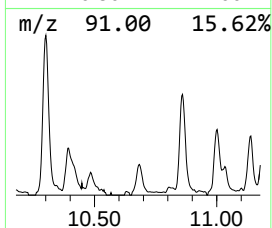
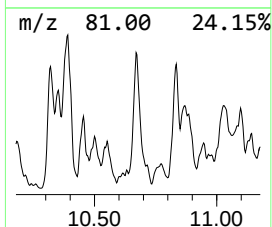
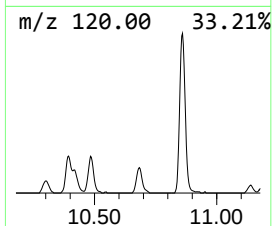
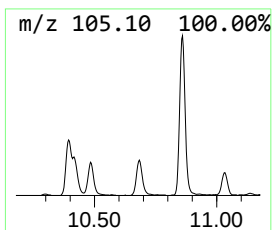
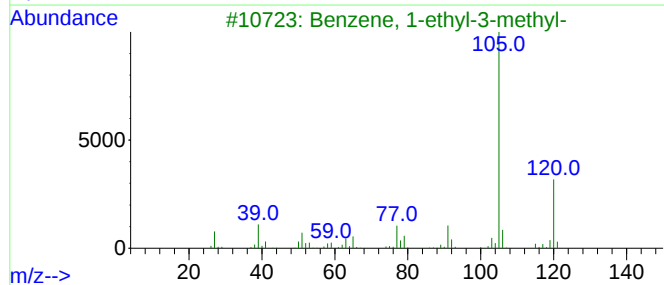
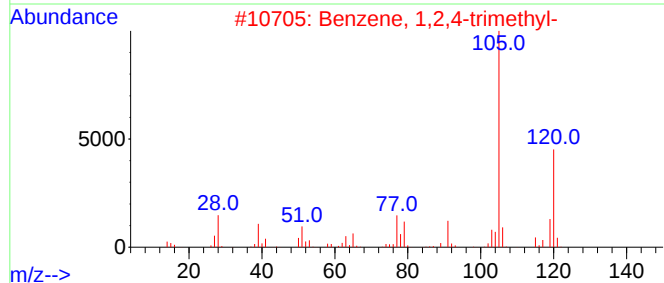
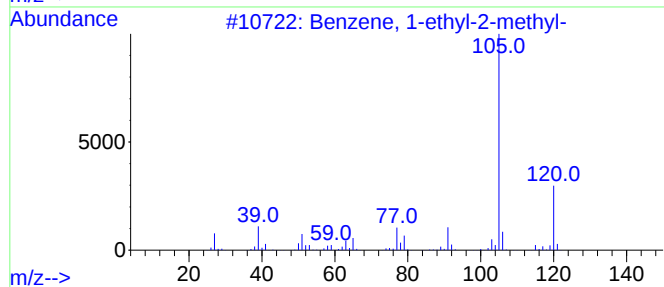
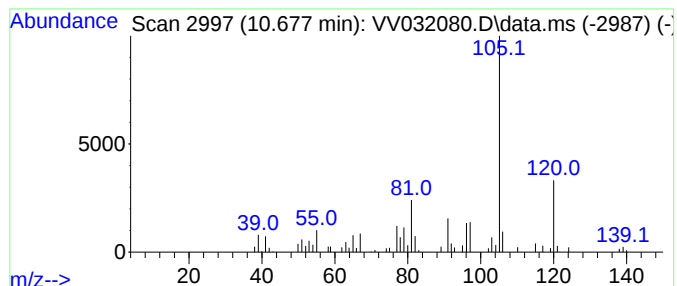
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Quant Title : VOC Analysis

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

Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.677	3.01 ug/L	56319	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	81
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81
5			Mesitylene	120	C9H12	000108-67-8	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYX8ME

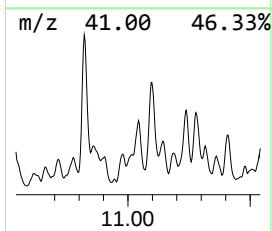
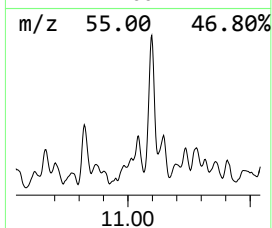
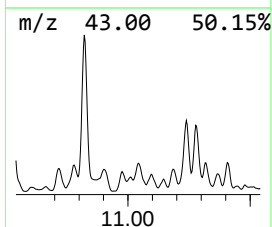
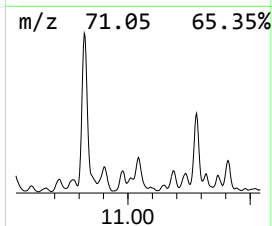
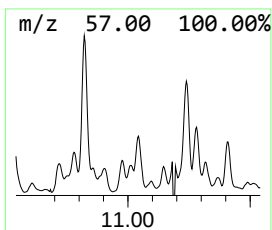
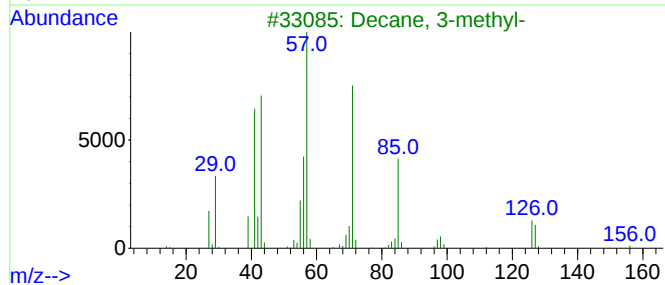
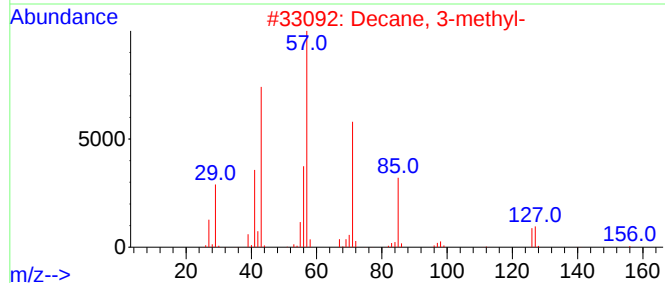
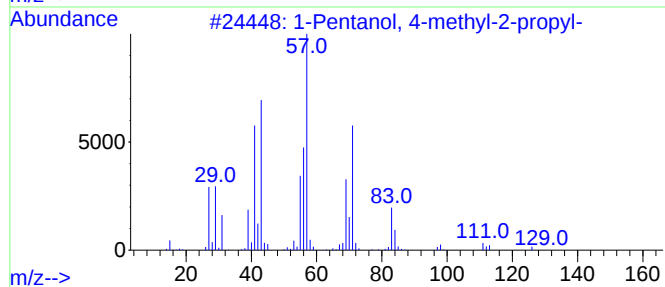
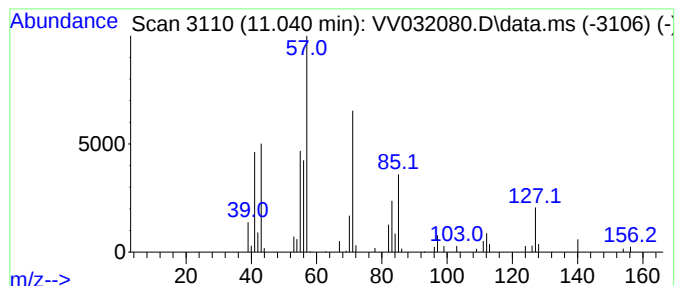
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Quant Title : VOC Analysis

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

Peak Number 12 1-Pentanol, 4-methyl-2-propyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.040	3.34 ug/L	62535	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentanol, 4-methyl-2-propyl-	144	C9H20O	054004-41-0	53
2			Decane, 3-methyl-	156	C11H24	013151-34-3	53
3			Decane, 3-methyl-	156	C11H24	013151-34-3	50
4			Carbonic acid, decyl nonyl ester	328	C20H40O3	1000383-15-8	47
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYX8ME

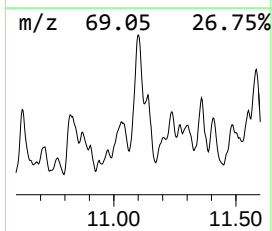
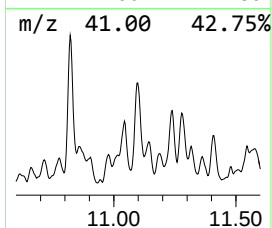
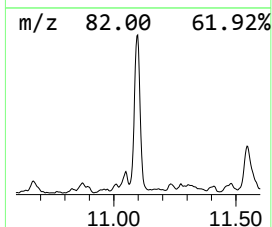
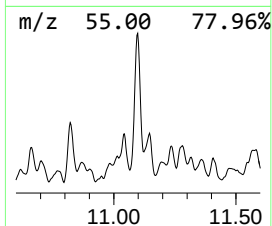
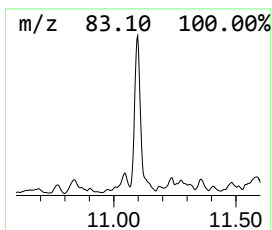
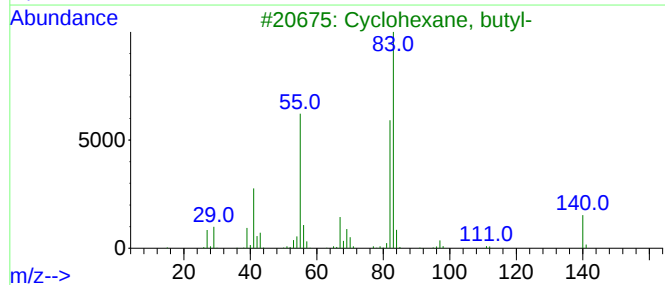
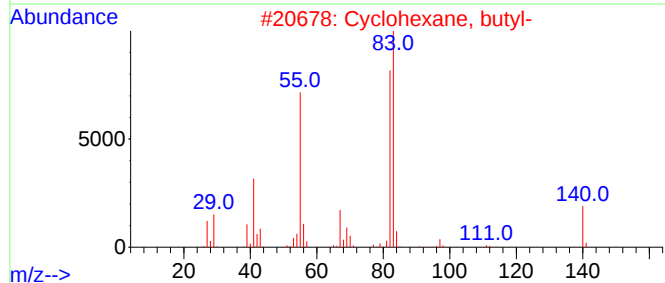
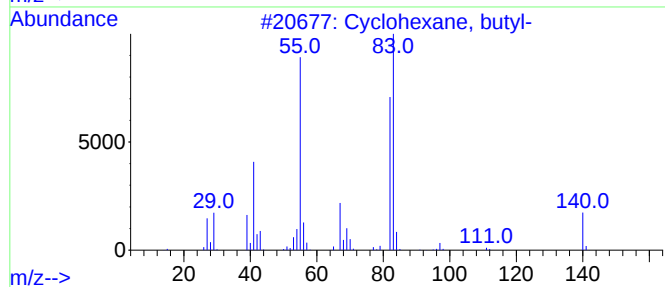
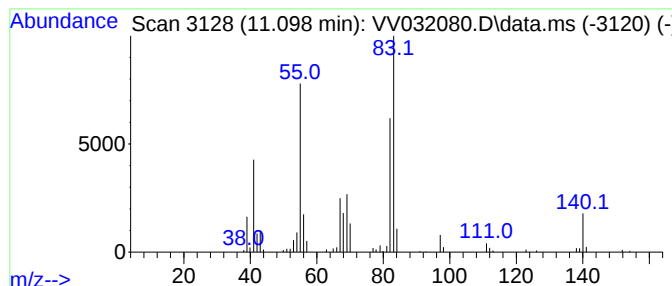
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Cyclic11.098 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.098	6.37 ug/L	119298	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	86
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	83
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	80
4			Cyclohexane, octyl-	196	C14H28	001795-15-9	72
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYX8ME

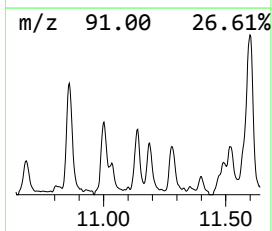
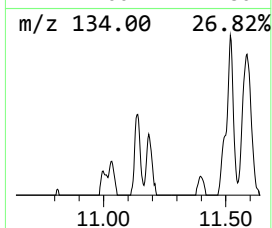
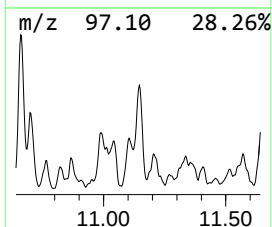
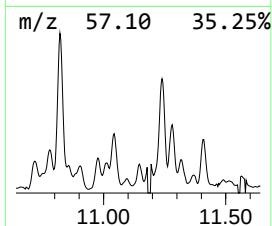
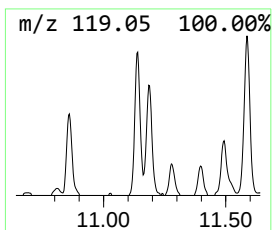
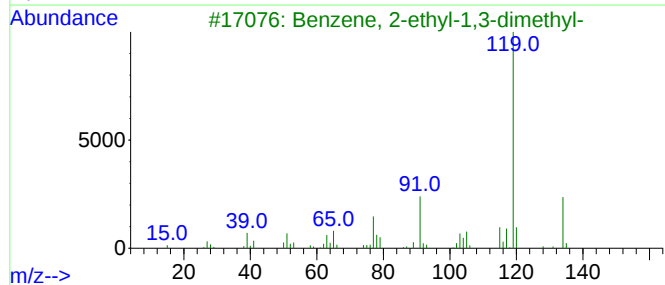
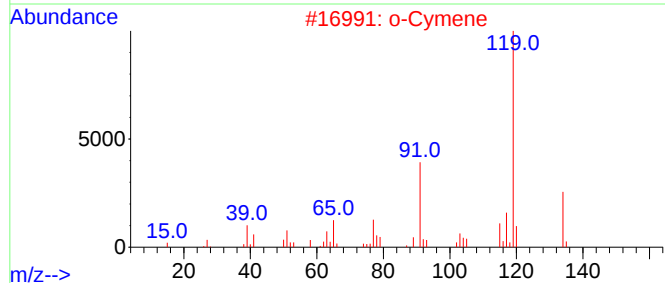
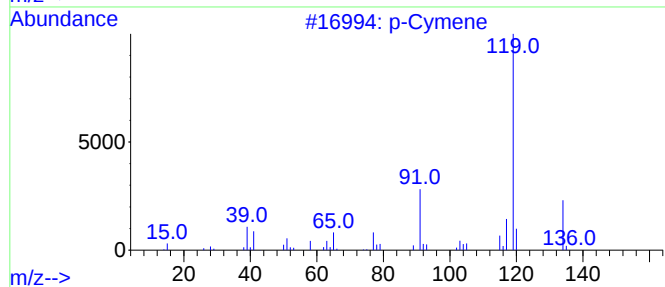
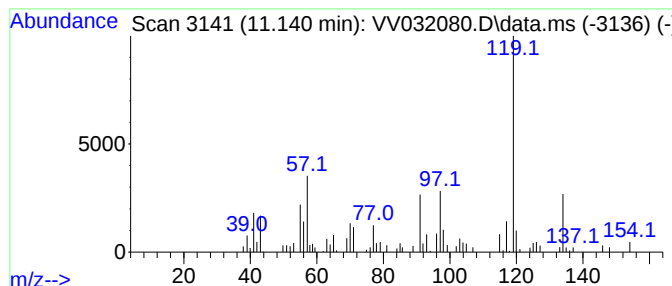
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Quant Title : VOC Analysis

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

Peak Number 14 p-Cymene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.140	3.24 ug/L	60706	1,4-Dichlorobenzene-d4	11.191

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		p-Cymene	134	C10H14	000099-87-6	92
2		o-Cymene	134	C10H14	000527-84-4	70
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	70
5		o-Cymene	134	C10H14	000527-84-4	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYX8ME

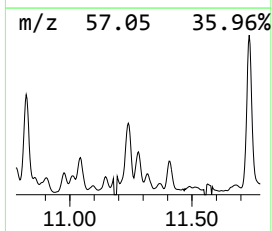
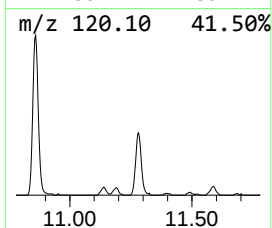
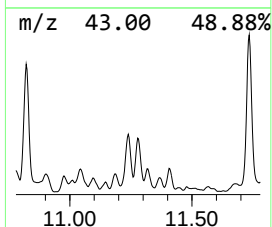
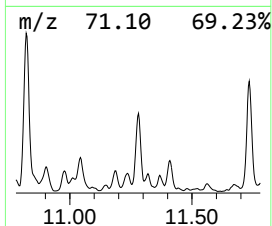
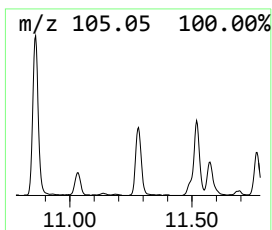
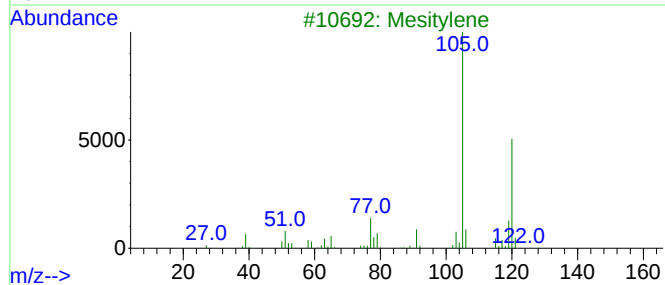
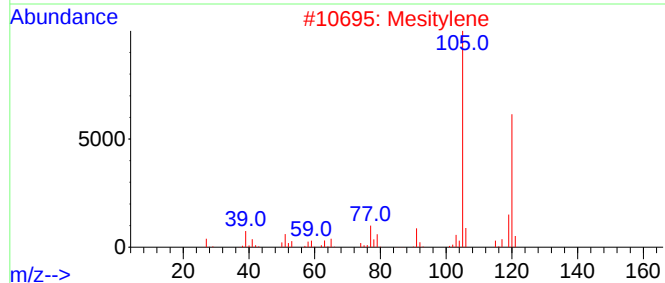
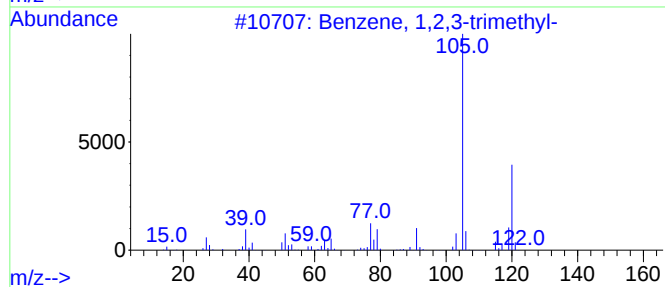
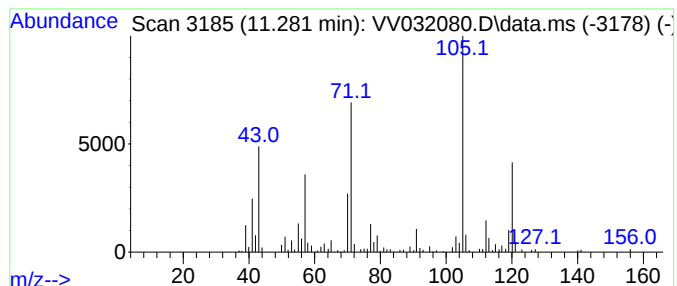
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Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 1,2,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.281	5.74 ug/L	107493	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
2			Mesitylene	120	C9H12	000108-67-8	89
3			Mesitylene	120	C9H12	000108-67-8	86
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	86
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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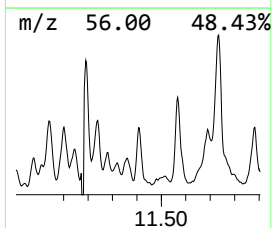
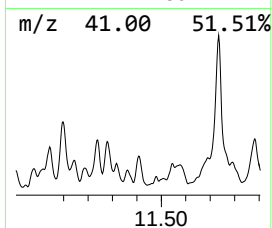
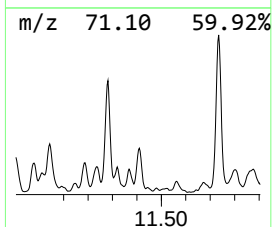
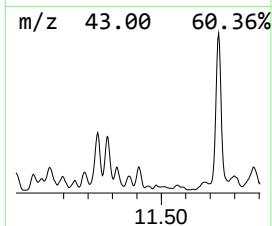
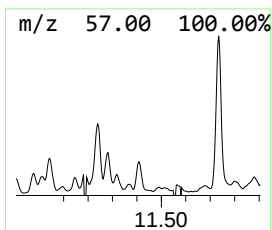
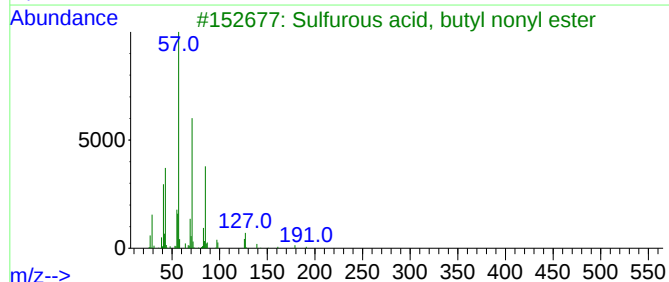
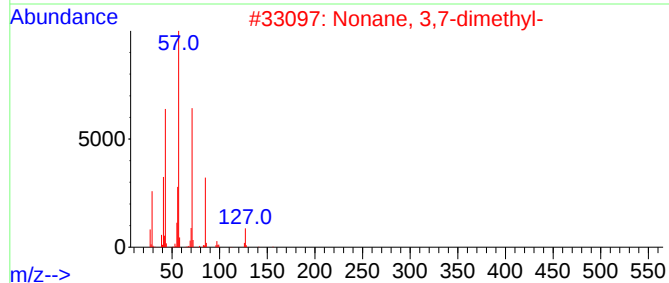
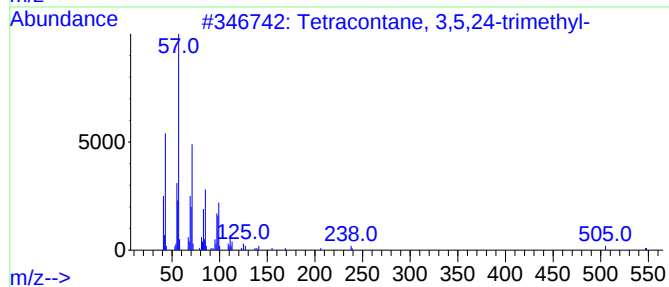
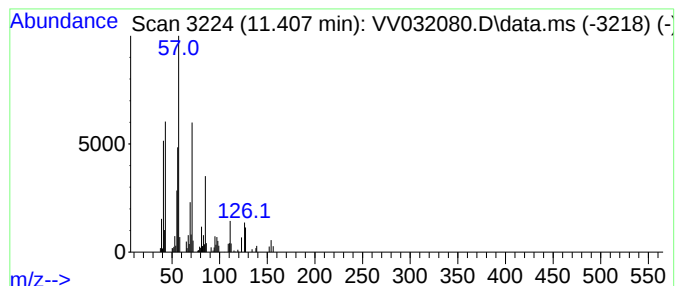
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.406	3.33 ug/L	62305	1,4-Dichlorobenzene-d4	11.191

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	53
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53
3		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	50
4		Undecane, 3,4-dimethyl-	184	C13H28	017312-78-6	50
5		2,6-Dimethyldecane	170	C12H26	013150-81-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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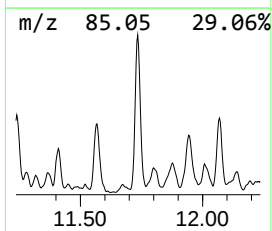
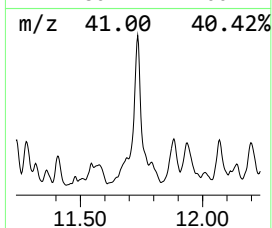
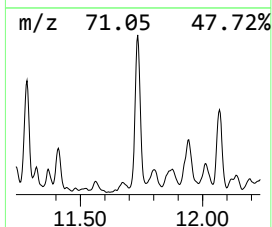
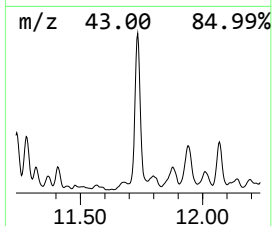
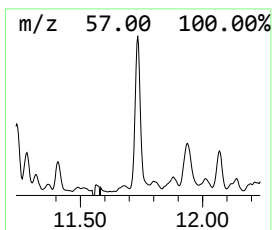
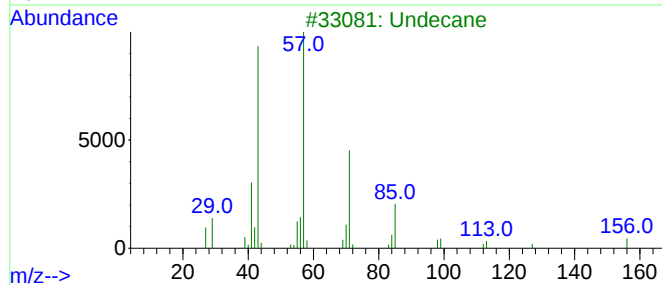
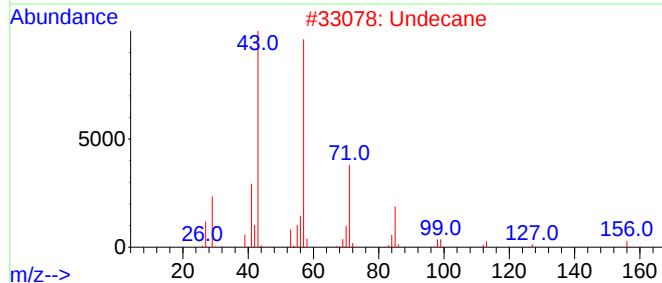
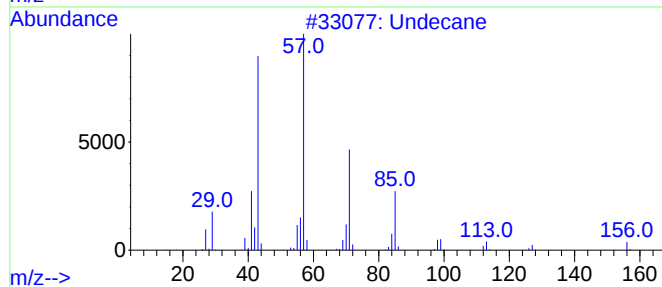
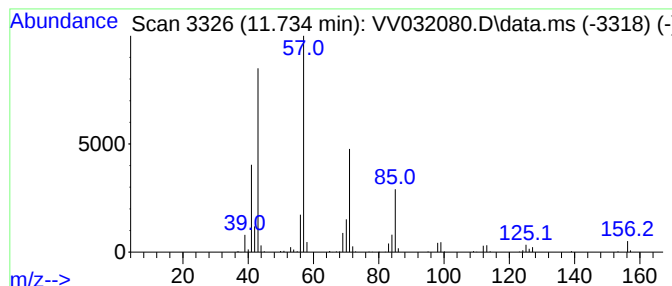
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Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.735	8.70 ug/L	162914	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	95
2	Undecane			156	C11H24	001120-21-4	91
3	Undecane			156	C11H24	001120-21-4	87
4	Decane			142	C10H22	000124-18-5	86
5	Tridecane			184	C13H28	000629-50-5	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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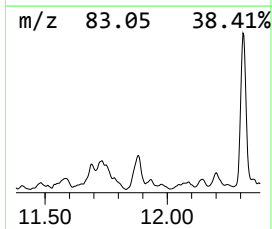
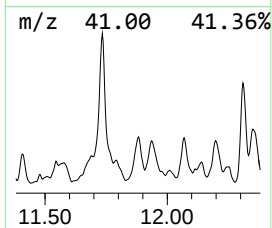
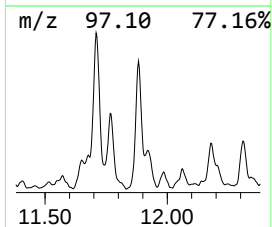
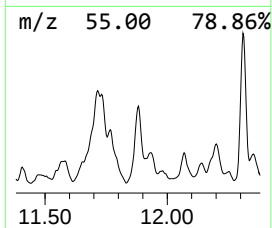
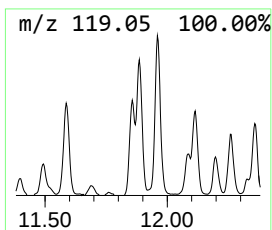
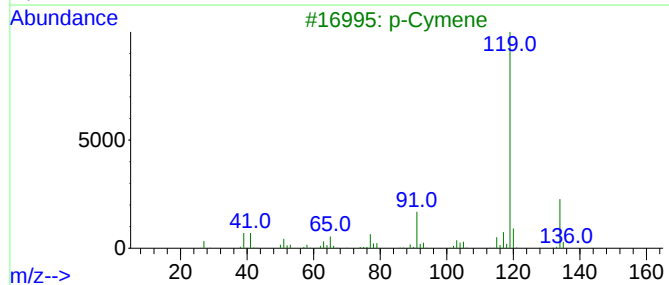
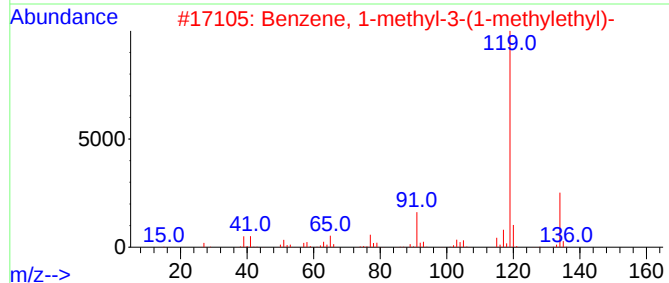
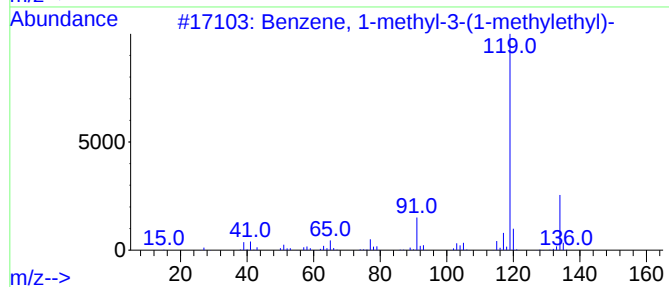
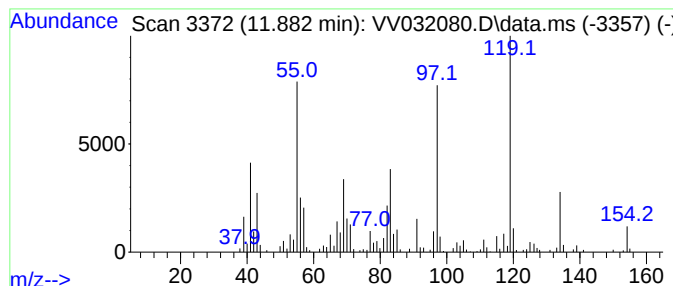
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Quant Title : VOC Analysis

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

Peak Number 18 Benzene, 1-methyl-3-(1-meth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.882	11.18 ug/L	209340	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	78
2			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	78
3			p-Cymene	134	C10H14	000099-87-6	78
4			o-Cymene	134	C10H14	000527-84-4	78
5			o-Cymene	134	C10H14	000527-84-4	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYX8ME

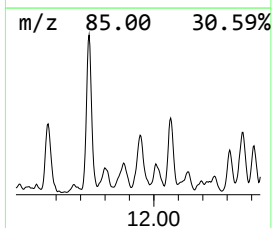
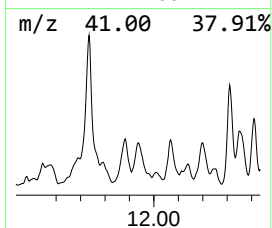
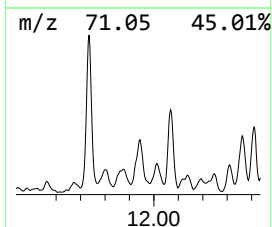
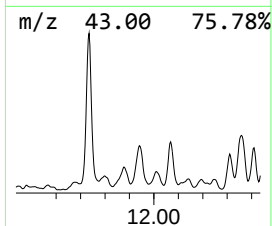
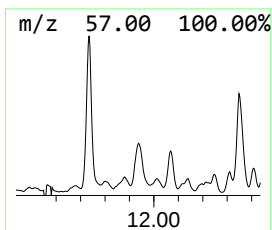
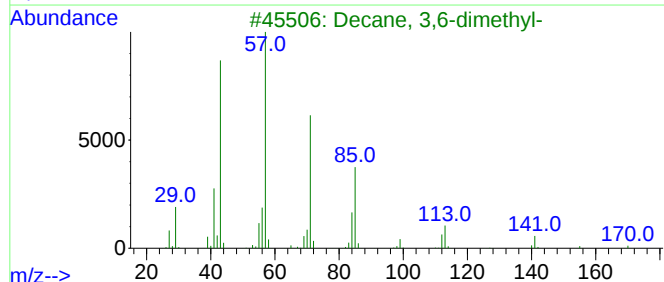
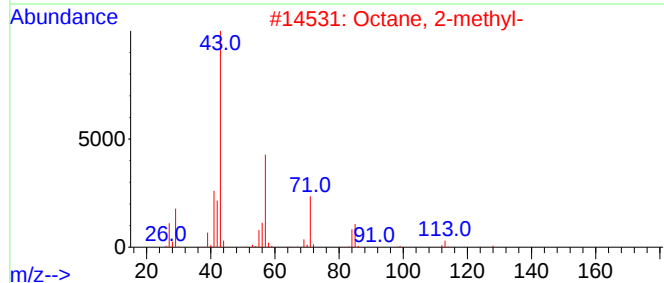
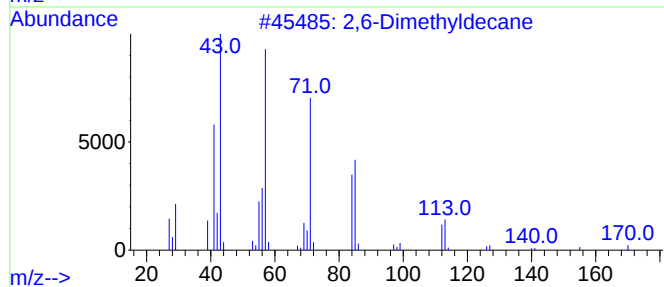
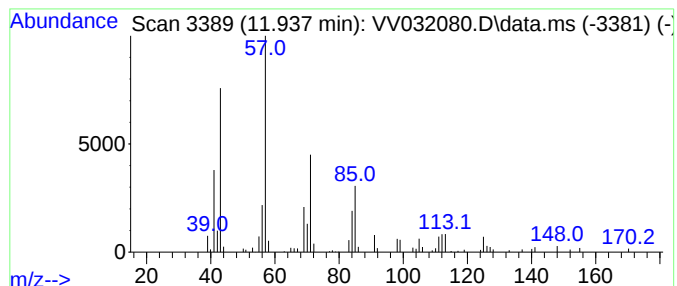
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Quant Title : VOC Analysis

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.937	3.22 ug/L	60398	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,6-Dimethyldecane	170	C12H26	013150-81-7	87
2			Octane, 2-methyl-	128	C9H20	003221-61-2	80
3			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	76
4			Undecane, 5-methyl-	170	C12H26	001632-70-8	72
5			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYX8ME

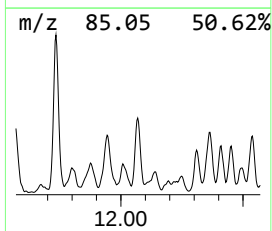
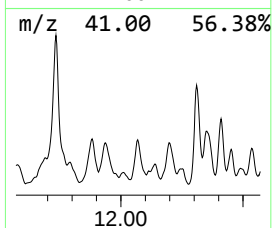
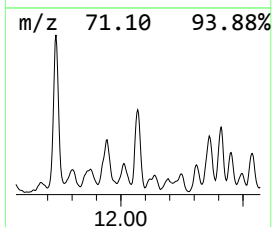
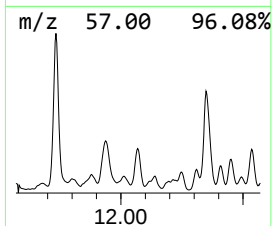
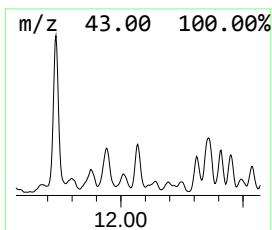
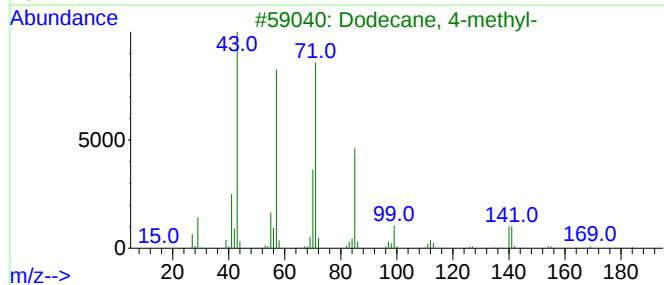
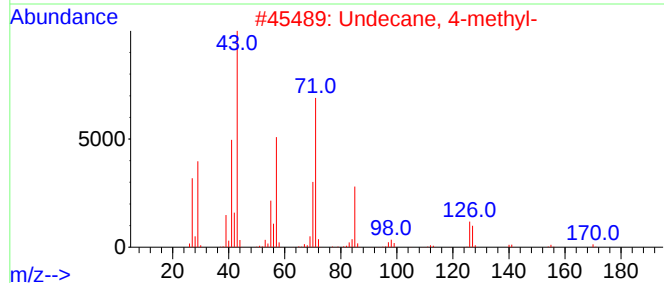
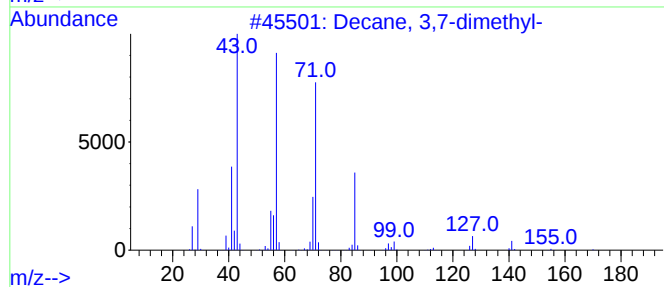
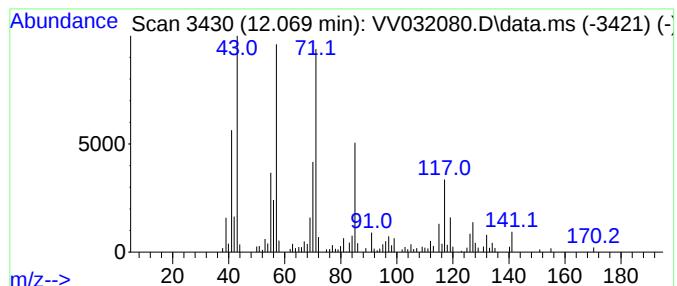
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Quant Title : VOC Analysis

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.069	7.32 ug/L	137089	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	91
2			Undecane, 4-methyl-	170	C12H26	002980-69-0	72
3			Dodecane, 4-methyl-	184	C13H28	006117-97-1	59
4			Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	53
5			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYX8ME

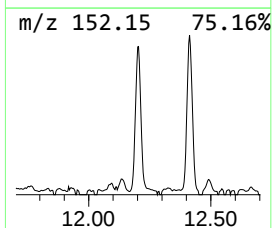
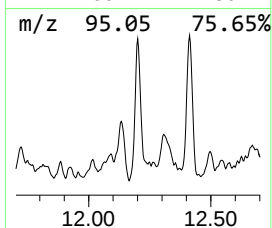
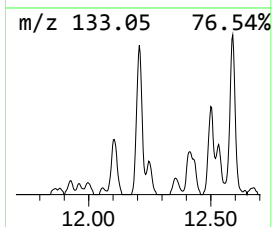
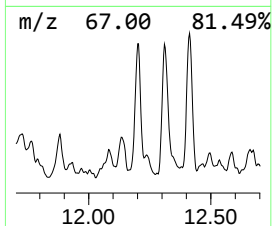
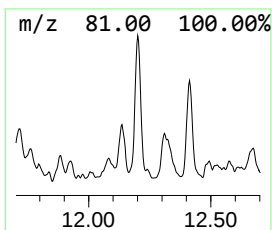
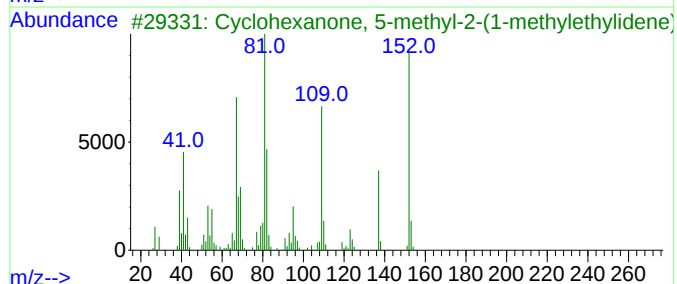
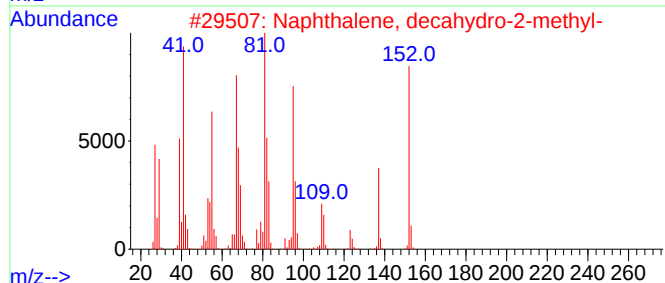
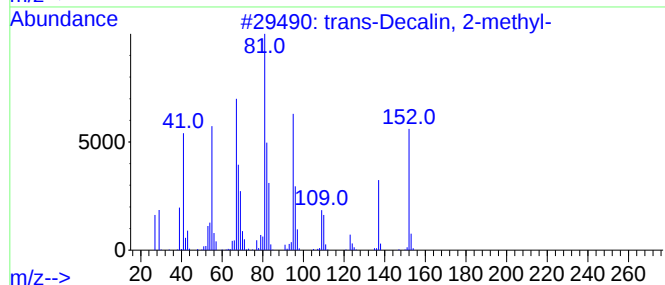
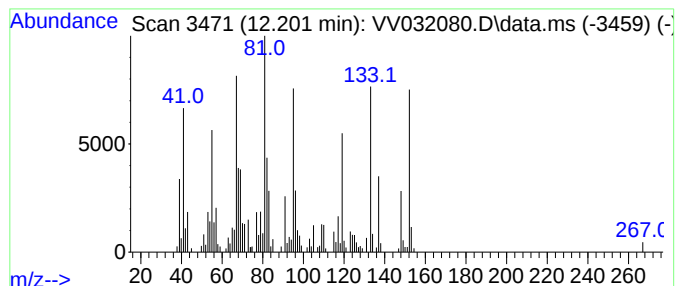
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Quant Title : VOC Analysis

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

Peak Number 21 trans-Decalin, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.201	8.66 ug/L	162153	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	89
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	86
3			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	64
4			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	56
5			Pulegone	152	C10H16O	000089-82-7	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYX8ME

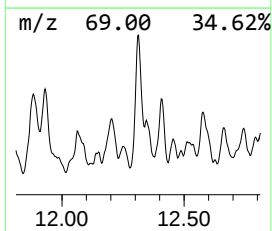
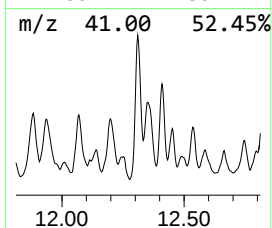
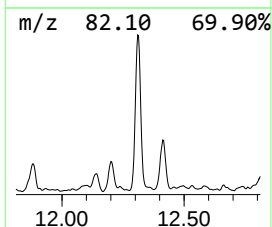
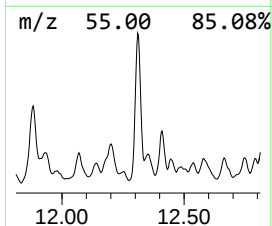
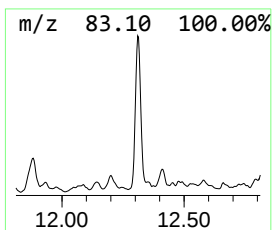
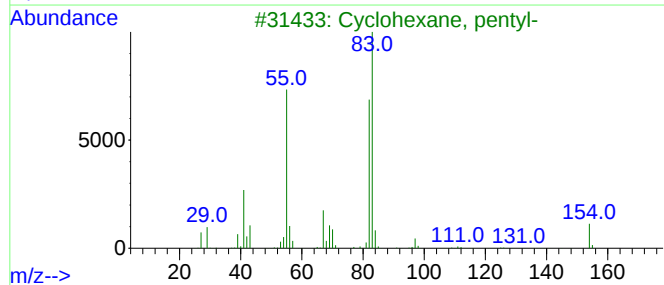
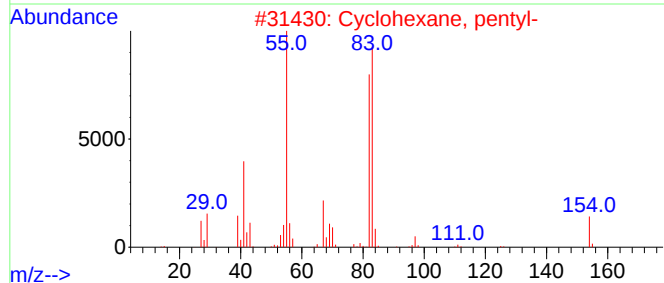
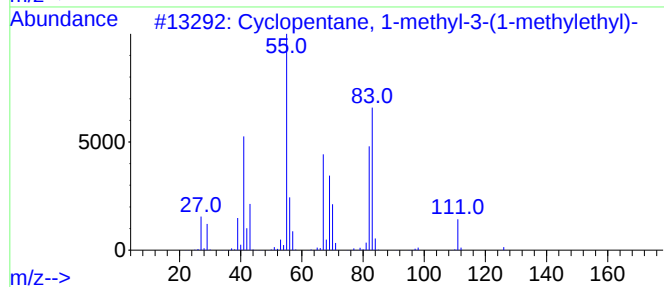
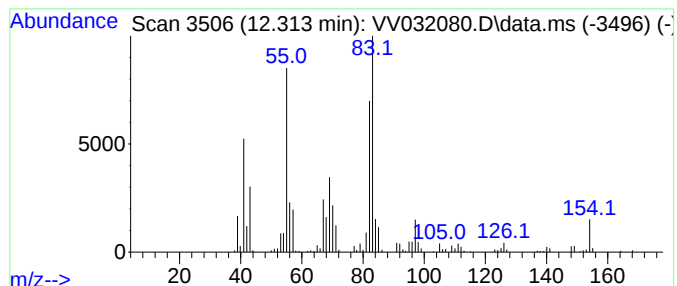
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Quant Title : VOC Analysis

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

Peak Number 22 (DEL) Alkane: Cyclic12.313 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.313	12.77 ug/L	239189	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	74
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	74
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
4			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	72
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYX8ME

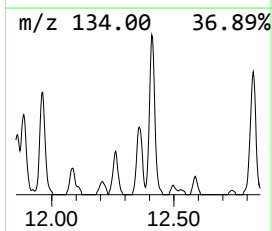
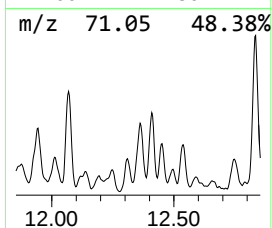
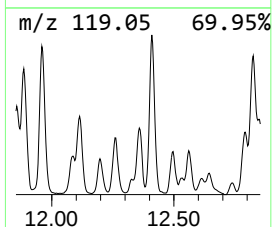
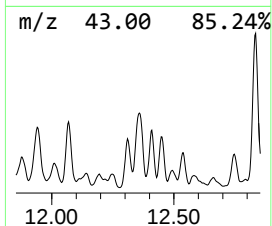
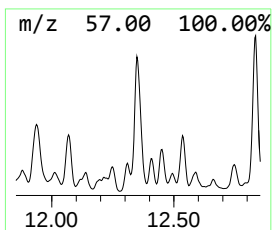
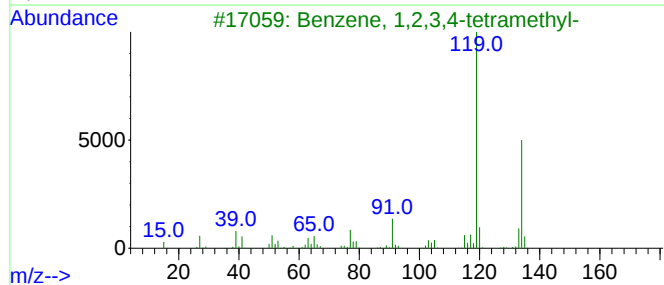
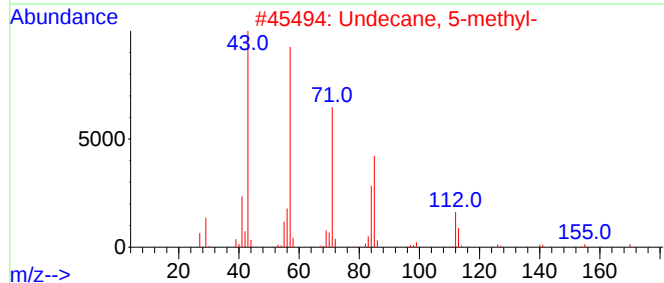
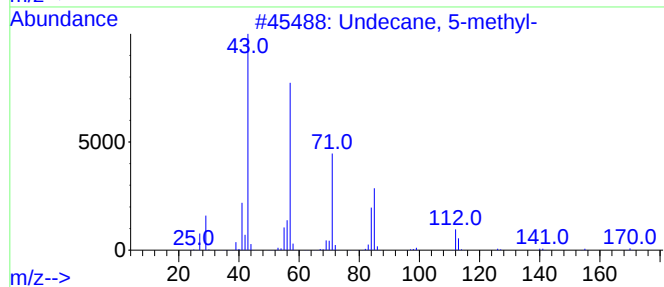
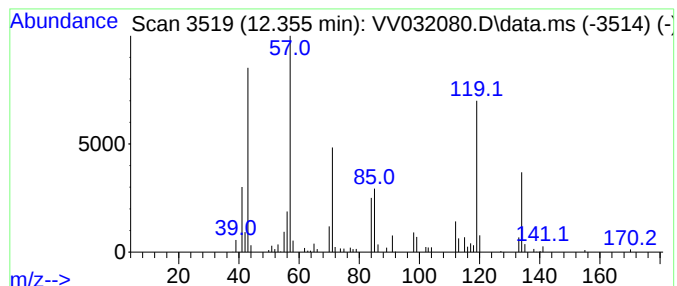
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Quant Title : VOC Analysis

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.355	6.86 ug/L	128474	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 5-methyl-	170	C12H26	001632-70-8	60
2			Undecane, 5-methyl-	170	C12H26	001632-70-8	55
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	38
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	38
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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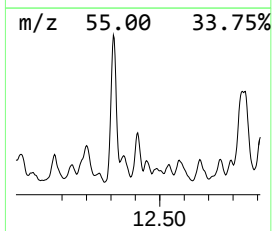
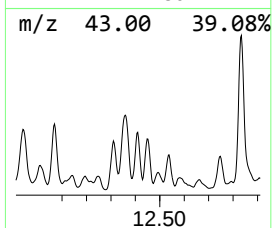
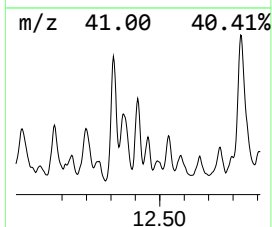
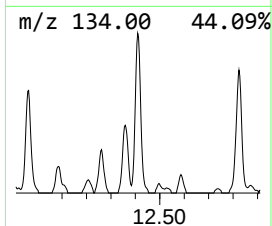
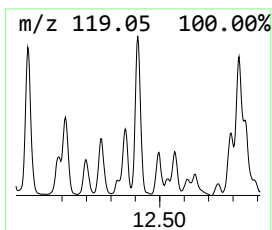
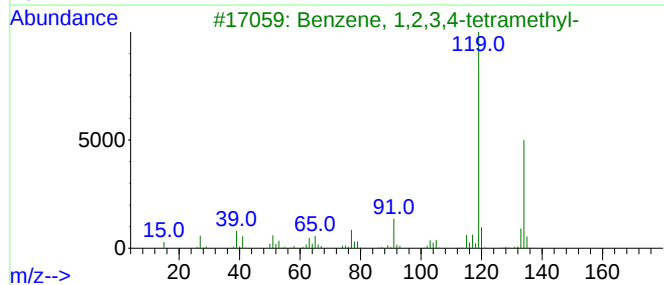
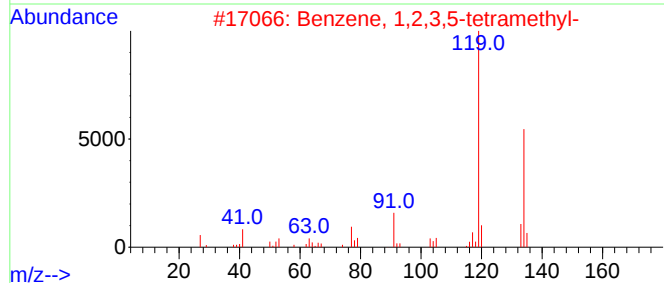
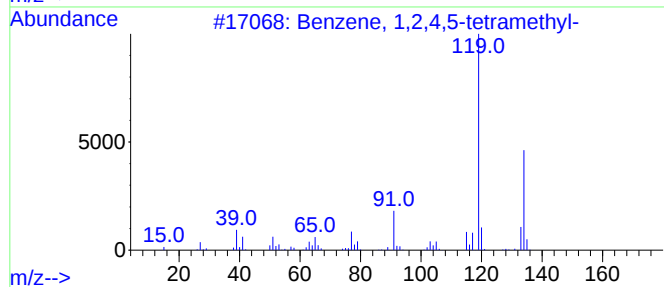
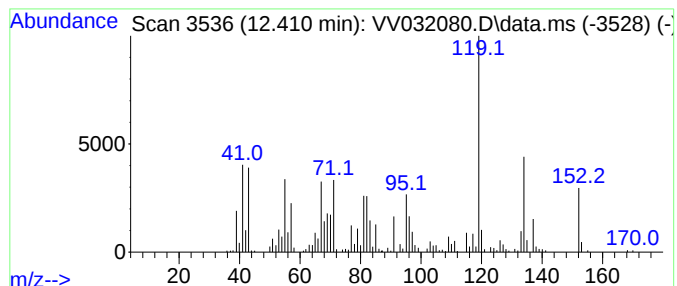
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Quant Title : VOC Analysis

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

Peak Number 24 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	10.15 ug/L	190119	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	91
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYX8ME

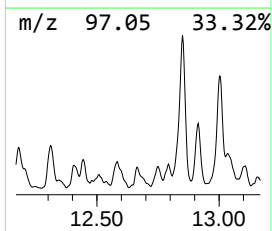
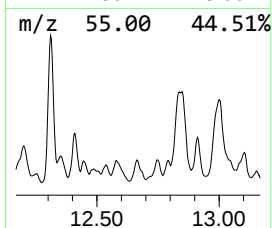
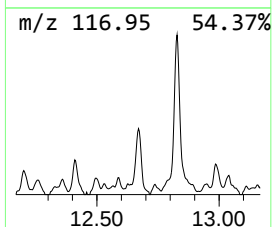
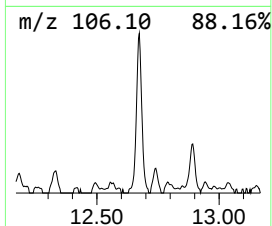
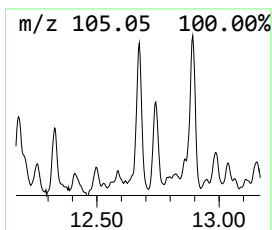
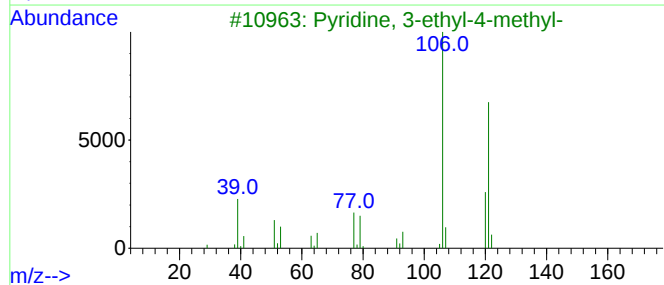
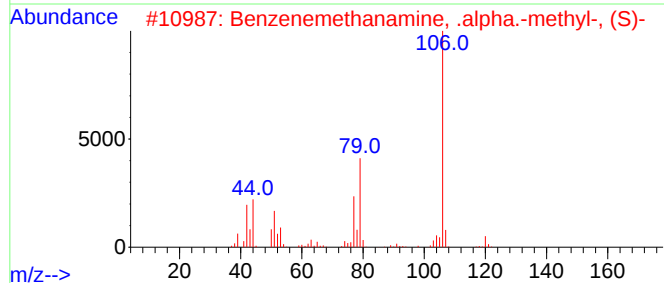
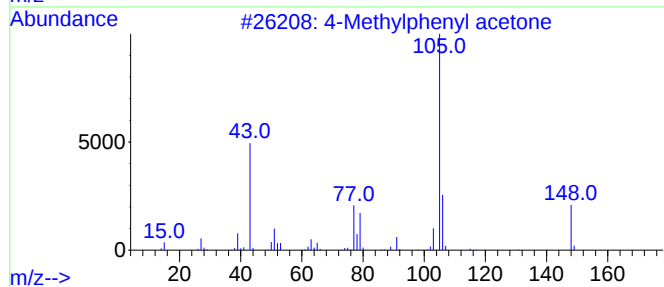
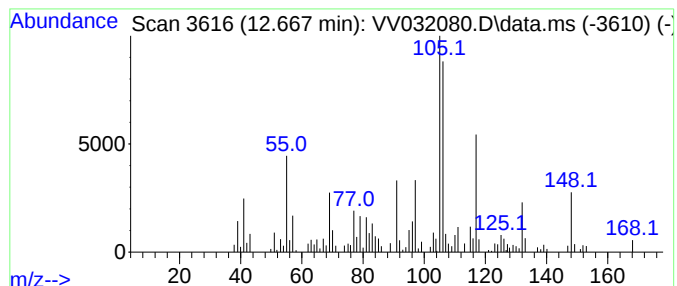
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Quant Title : VOC Analysis

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

Peak Number 25 unknown-02 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.667	3.98 ug/L	74593	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Methylphenyl acetone	148	C10H12O	002096-86-8	35
2			Benzenemethanamine, .alpha.-meth...	121	C8H11N	002627-86-3	30
3			Pyridine, 3-ethyl-4-methyl-	121	C8H11N	000529-21-5	30
4			(R)-(-)-2-Phenylglycinol	137	C8H11NO	056613-80-0	30
5			alpha.-Methylbenzylamine	121	C8H11N	000618-36-0	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYX8ME

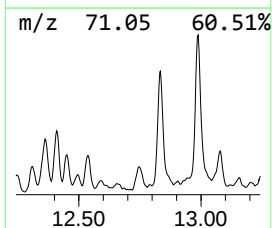
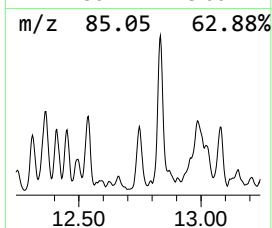
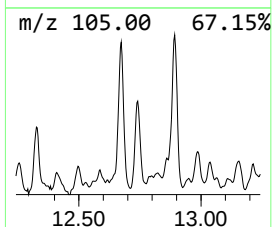
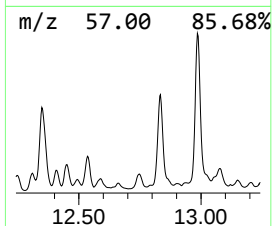
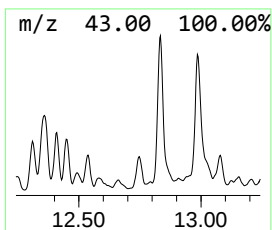
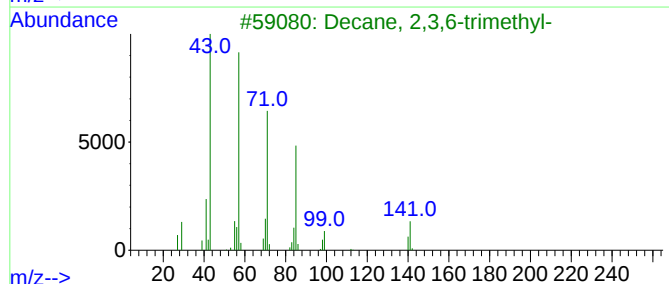
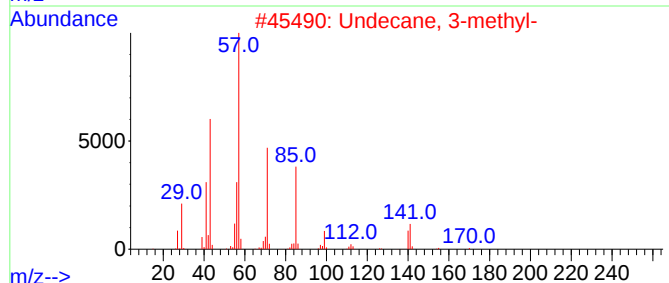
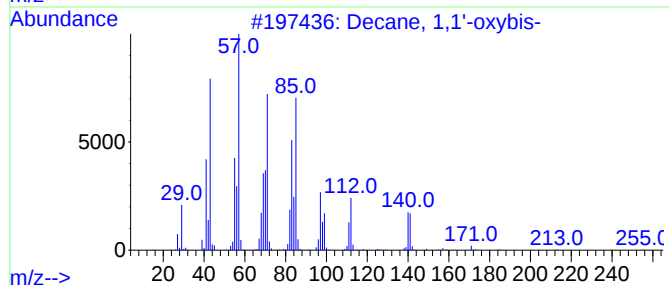
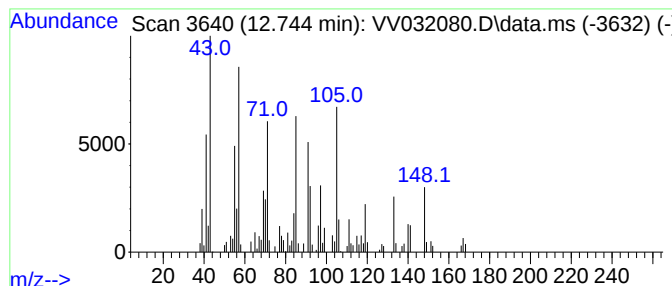
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Quant Title : VOC Analysis

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

Peak Number 26 unknown-03 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.744	3.71 ug/L	69447	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	46
2			Undecane, 3-methyl-	170	C12H26	001002-43-3	38
3			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	35
4			Decane, 3-bromo-	220	C10H21Br	030571-71-2	35
5			Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYX8ME

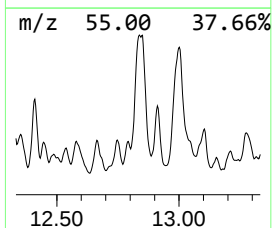
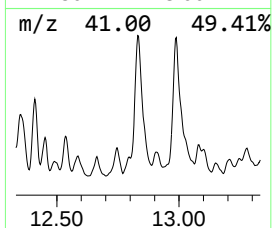
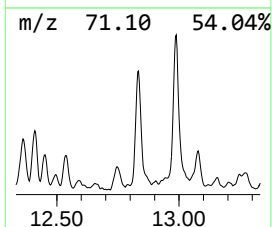
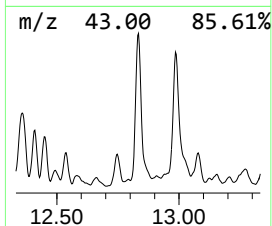
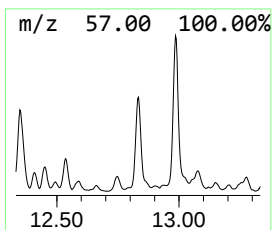
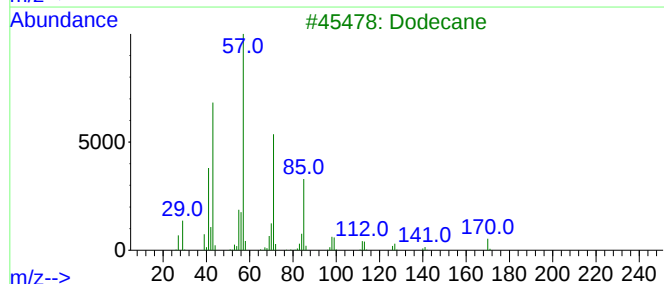
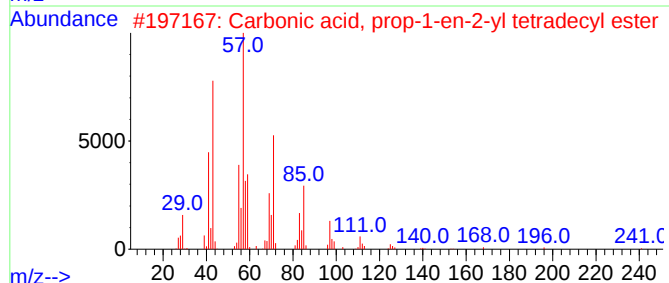
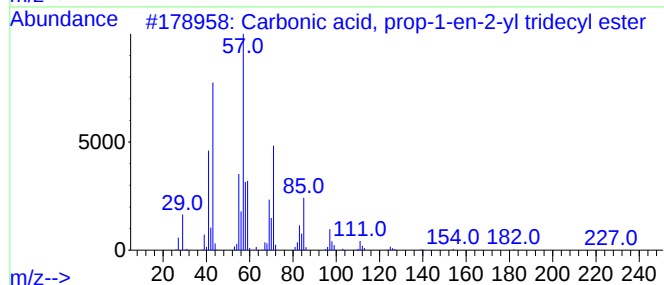
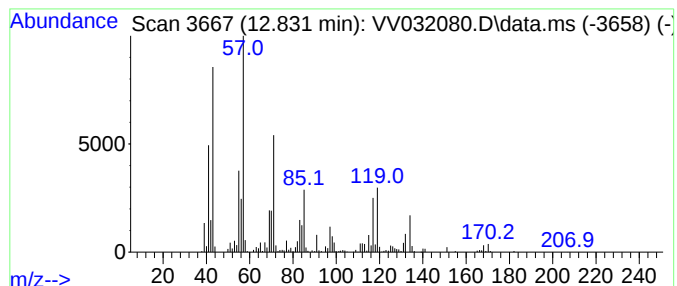
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Quant Title : VOC Analysis

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

Peak Number 27 Carbonic acid, prop-1-en-2-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.831	18.10 ug/L	339014	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	64
2			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	64
3			Dodecane	170	C12H26	000112-40-3	60
4			Carbonic acid, nonyl prop-1-en-2...	228	C13H24O3	1000382-53-9	49
5			Dodecane	170	C12H26	000112-40-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYX8ME

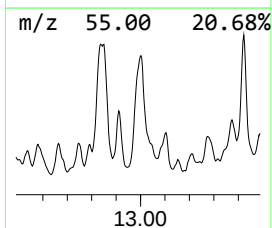
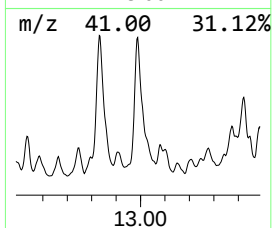
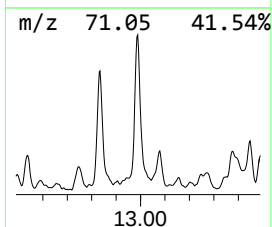
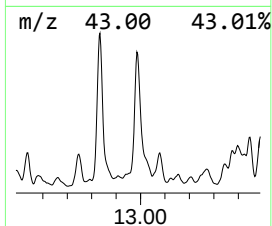
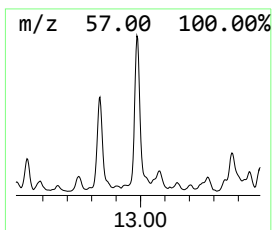
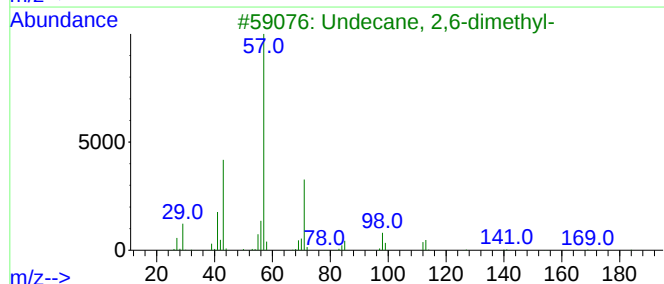
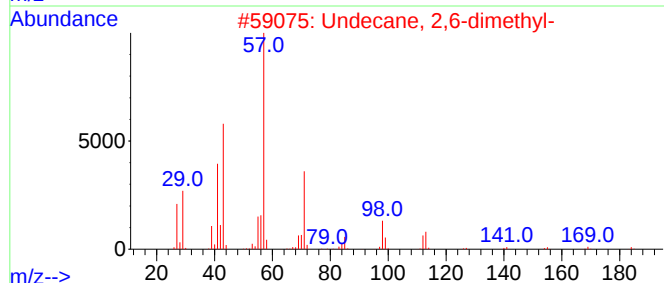
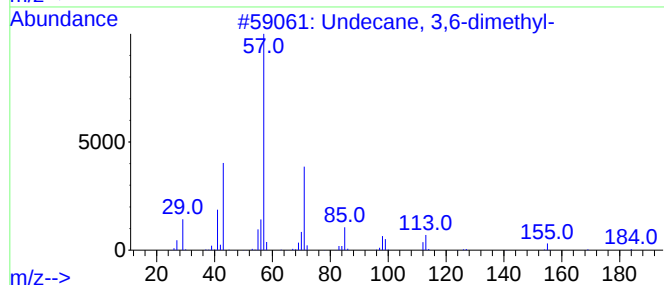
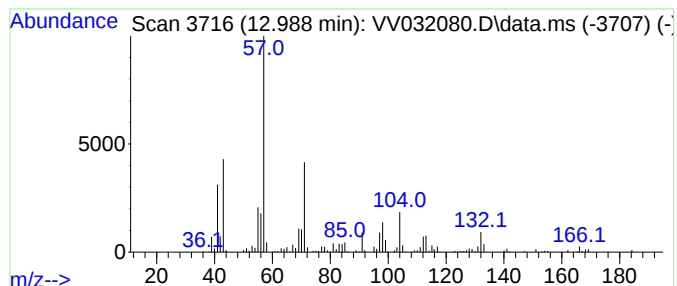
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Quant Title : VOC Analysis

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.989	20.80 ug/L	389520	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	70
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70
4			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	47
5			Dodecane, 6-methyl-	184	C13H28	006044-71-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYX8ME

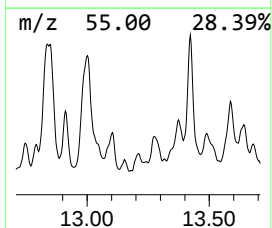
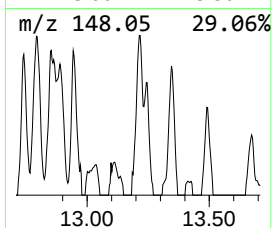
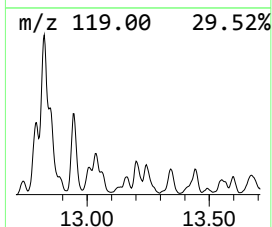
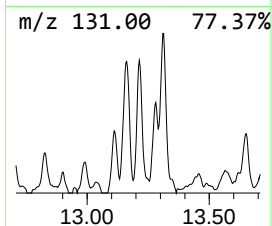
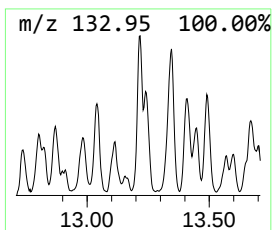
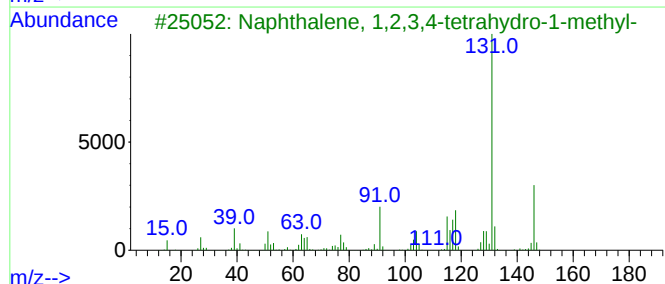
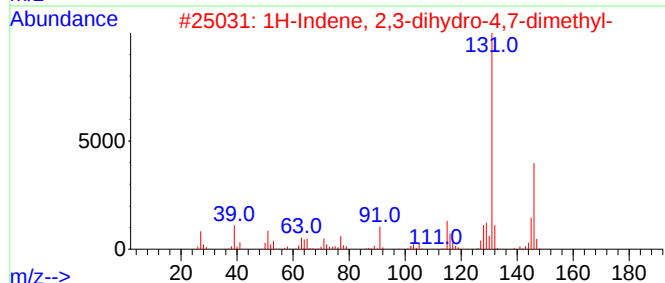
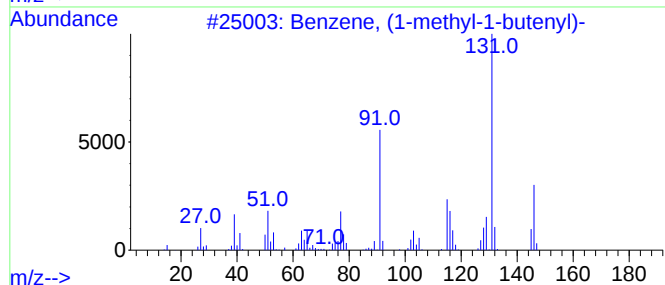
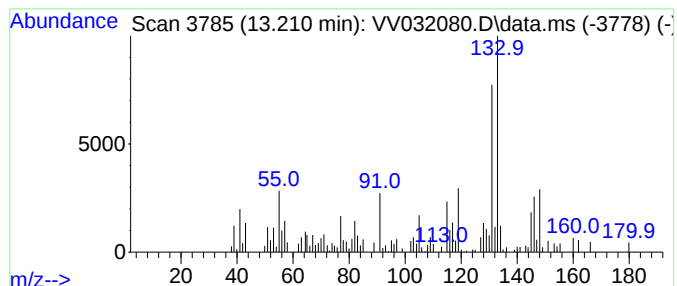
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Quant Title : VOC Analysis

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

Peak Number 29 Benzene, (1-methyl-1-butenyl)- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	3.26 ug/L	60970	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	64
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	50
4			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50
5			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYX8ME

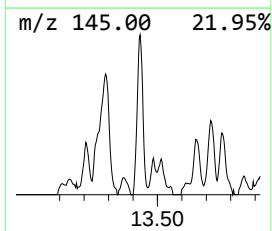
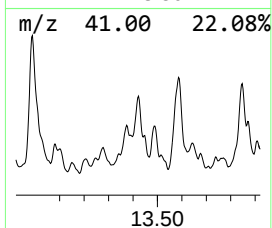
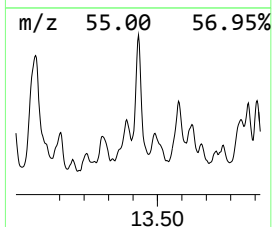
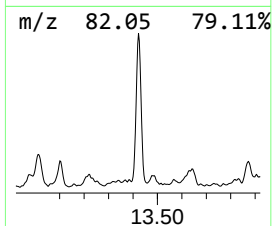
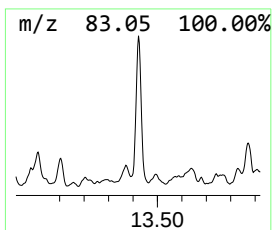
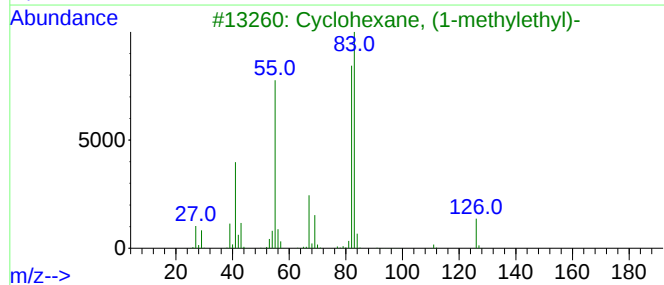
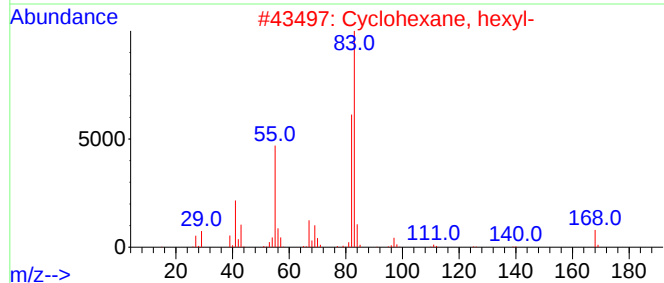
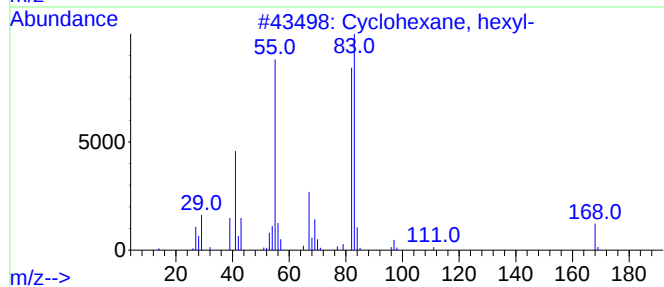
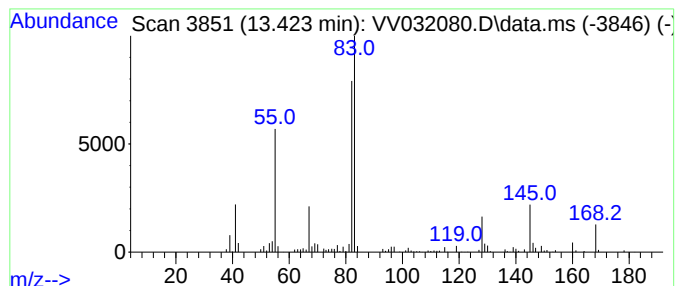
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Quant Title : VOC Analysis

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

Peak Number 30 (DEL) Alkane: Cyclic13.422 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.422	3.09 ug/L	57855	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, hexyl-	168	C12H24	004292-75-5	64
2			Cyclohexane, hexyl-	168	C12H24	004292-75-5	59
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59
4			(Z)-(Z)-Hex-3-en-1-yl 2-methylbu...	182	C11H18O2	084060-80-0	47
5			Cyclohexane, undecyl-	238	C17H34	054105-66-7	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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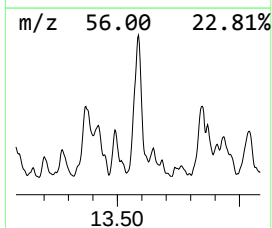
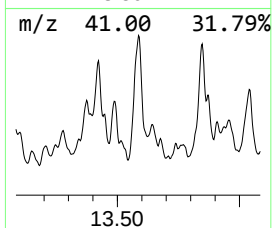
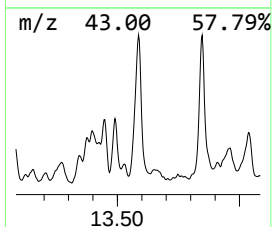
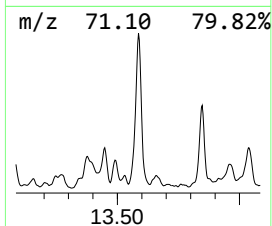
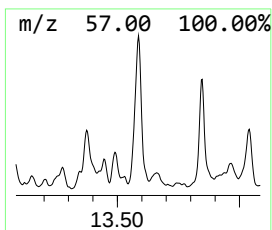
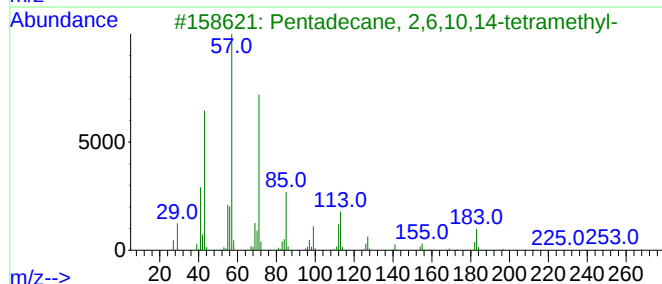
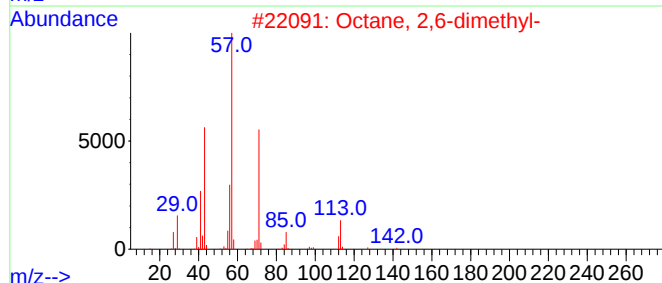
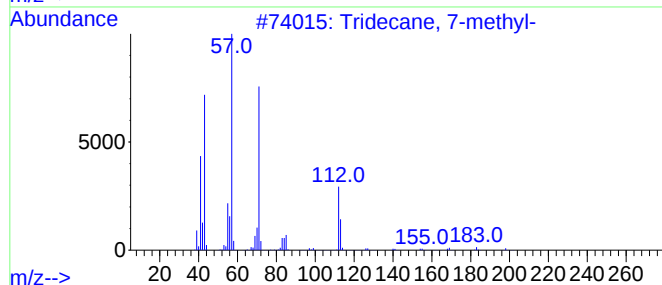
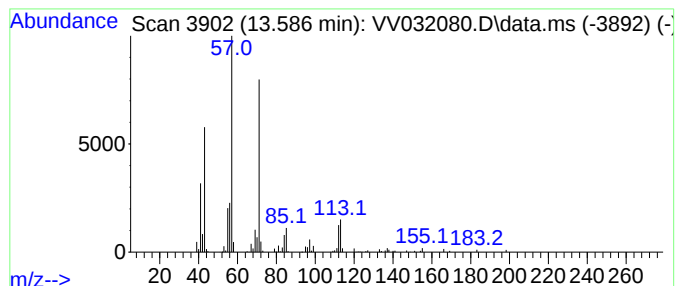
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Quant Title : VOC Analysis

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.586	9.19 ug/L	172109	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-methyl-	198	C14H30	026730-14-3	90
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
3			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
4			Hexadecane, 7-methyl-	240	C17H36	026730-20-1	72
5			2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYX8ME

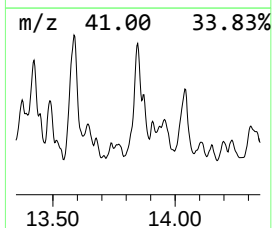
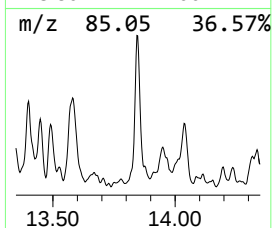
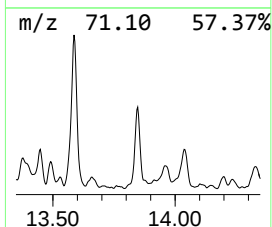
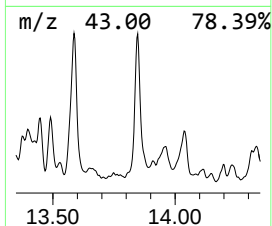
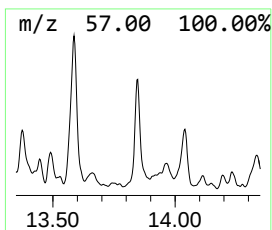
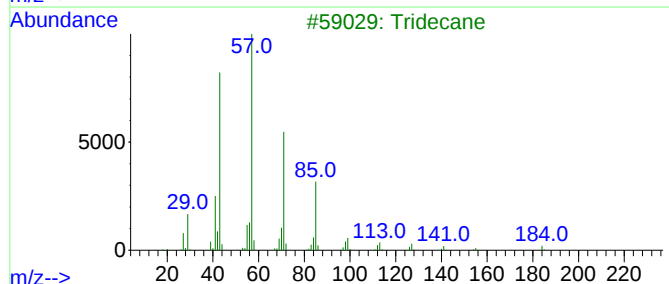
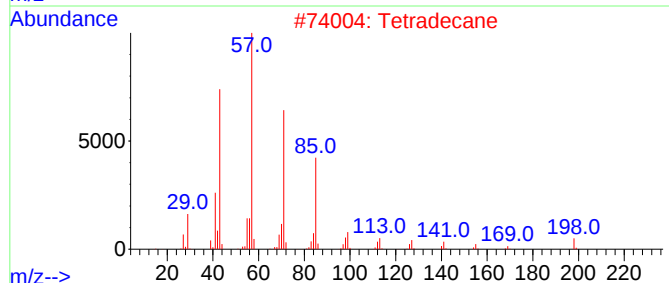
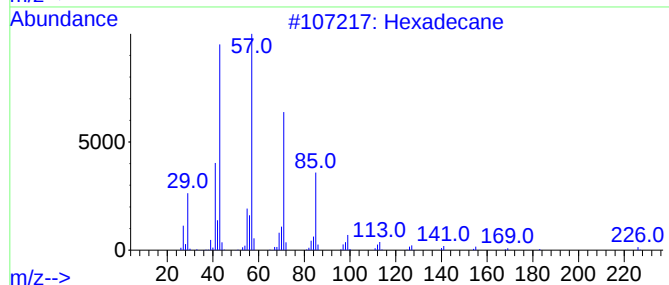
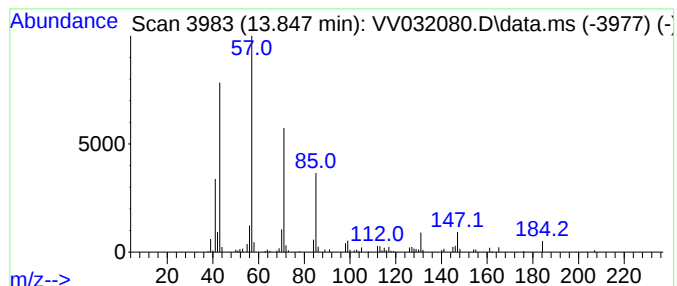
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Quant Title : VOC Analysis

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.847	4.05 ug/L	75913	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	72
2			Tetradecane	198	C14H30	000629-59-4	72
3			Tridecane	184	C13H28	000629-50-5	72
4			Hexadecane	226	C16H34	000544-76-3	72
5			Tetradecane	198	C14H30	000629-59-4	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYX8ME

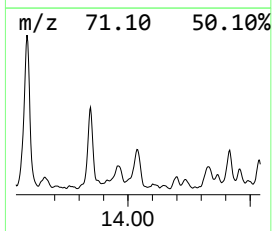
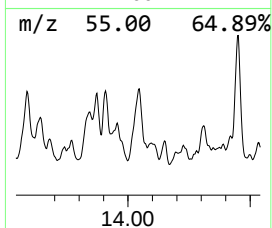
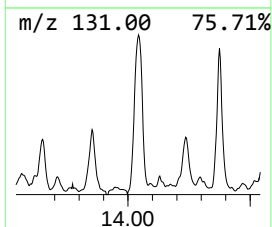
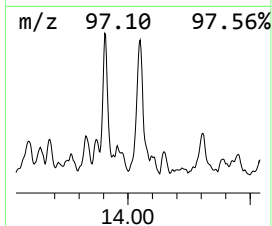
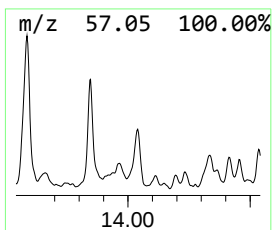
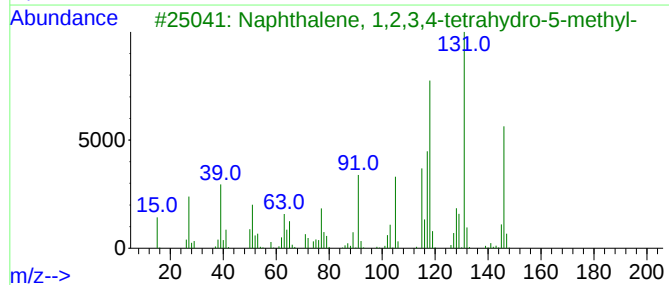
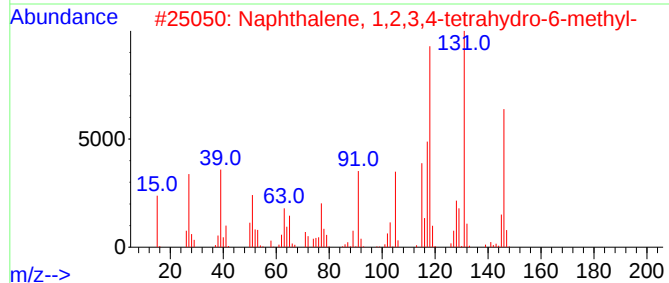
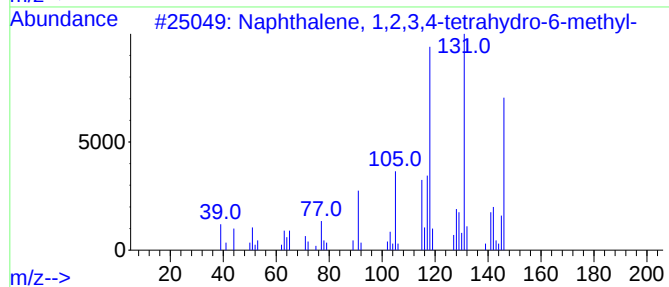
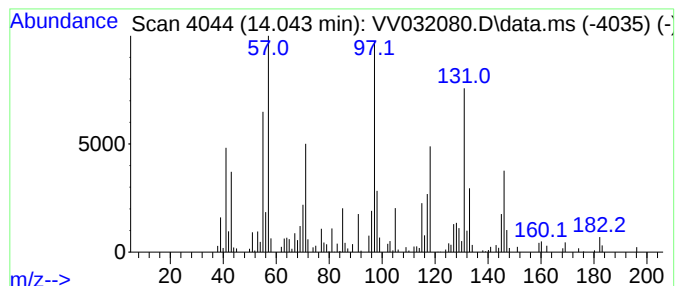
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Quant Title : VOC Analysis

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

Peak Number 33 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.043	8.42 ug/L	157612	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	89
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	46
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	42
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYX8ME

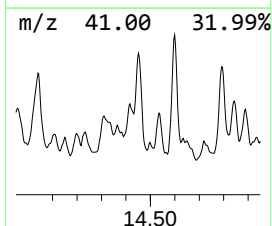
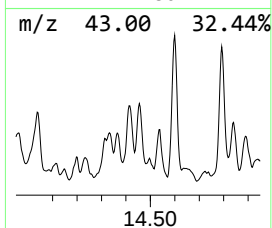
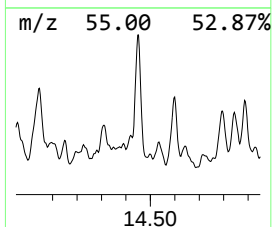
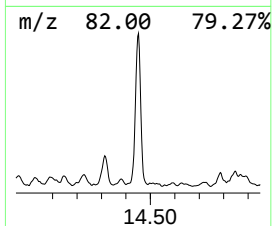
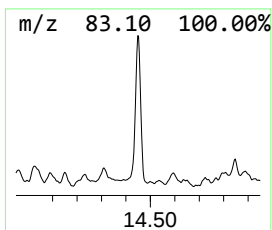
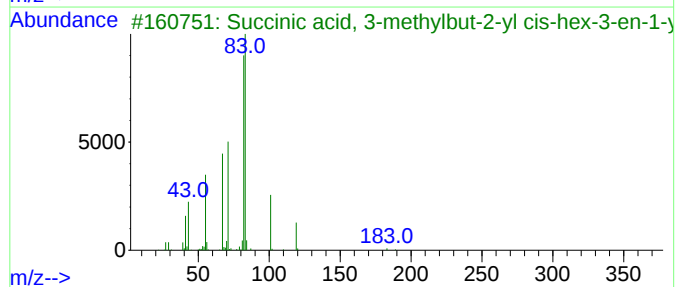
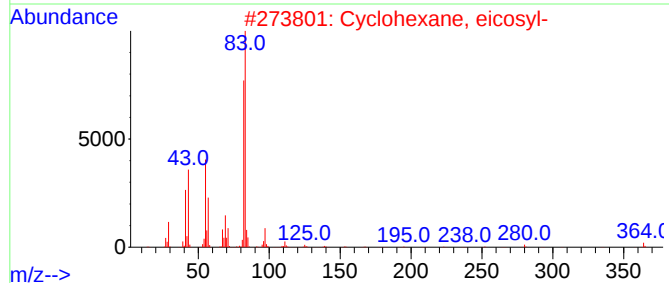
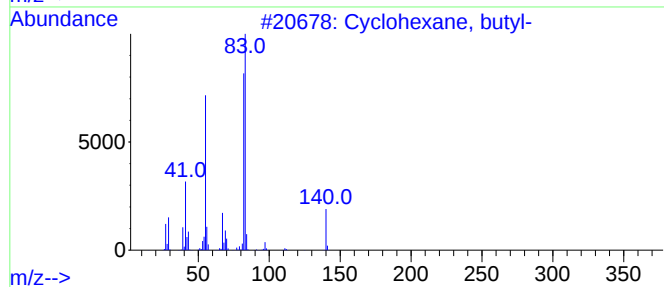
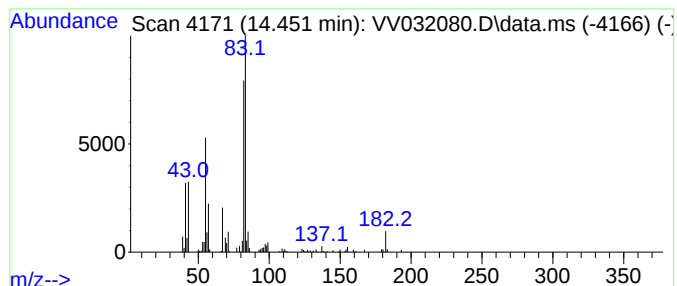
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Quant Title : VOC Analysis

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

Peak Number 34 (DEL) Alkane: Cyclic14.451 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.451	5.34 ug/L	99964	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	64
2			Cyclohexane, eicosyl-	364	C26H52	004443-55-4	64
3			Succinic acid, 3-methylbut-2-yl ...	270	C15H26O4	1000391-08-2	53
4			Succinic acid, cis-hex-3-enyl pe...	410	C25H46O4	1000353-41-7	50
5			Succinic acid, trans-hex-3-enyl ...	382	C23H42O4	1000353-43-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYX8ME

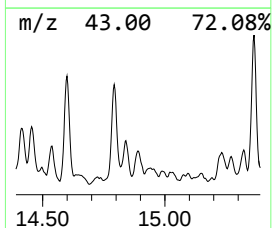
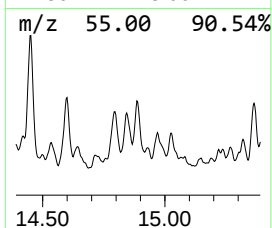
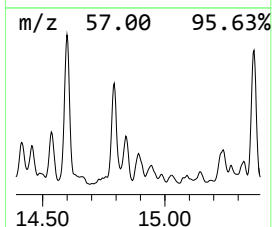
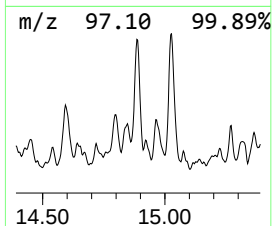
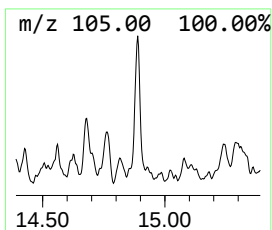
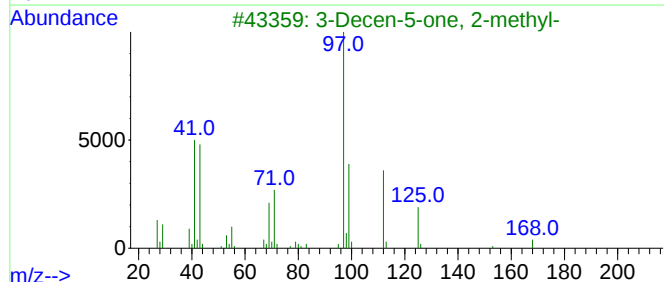
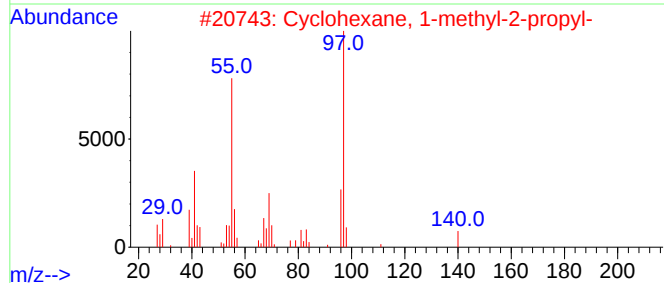
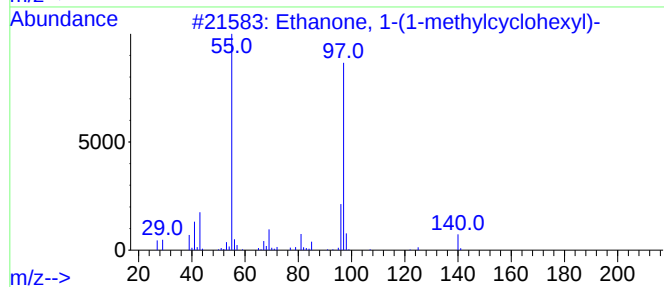
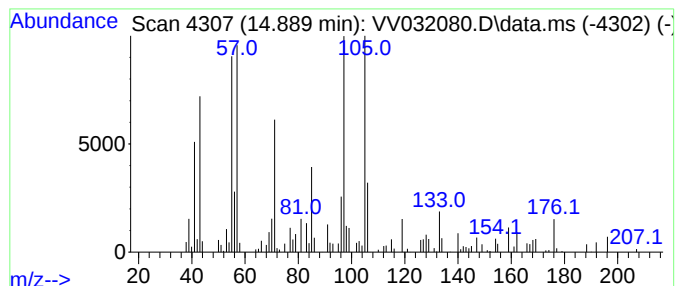
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Quant Title : VOC Analysis

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

Peak Number 37 unknown-04 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.889	2.62 ug/L	49110	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	38
2			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	30
3			3-Decen-5-one, 2-methyl-	168	C11H20O	032064-75-8	27
4			Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	27
5			Ethanone, 1-(3,4-dihydro-6-methy...	140	C8H12O2	028450-02-4	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYX8ME

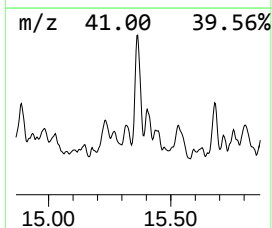
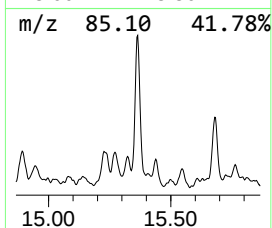
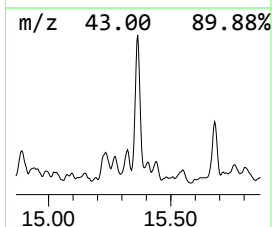
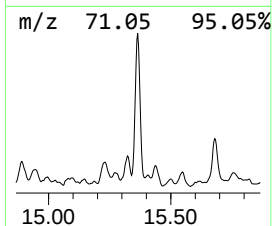
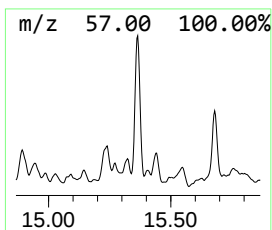
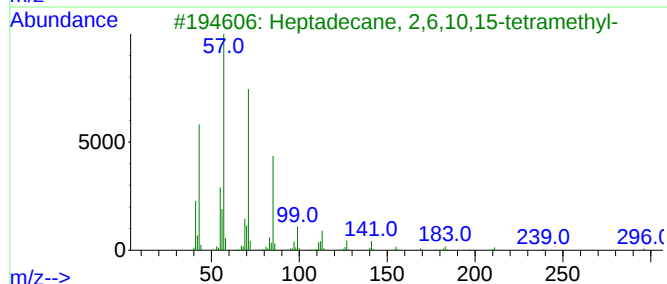
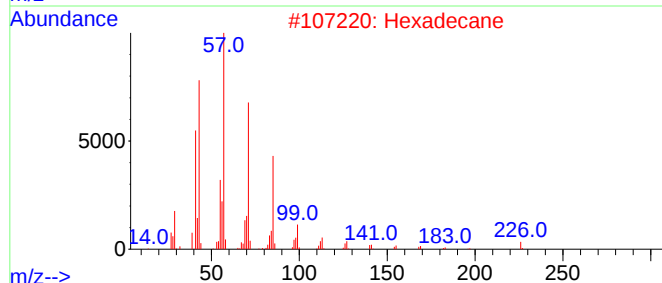
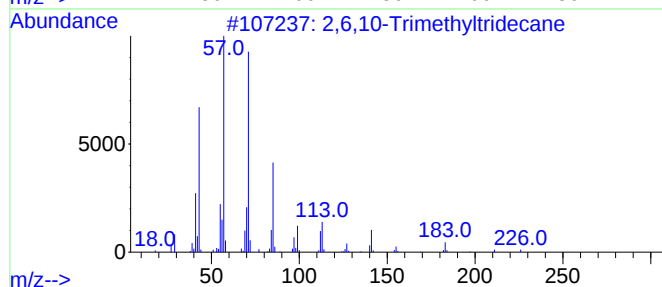
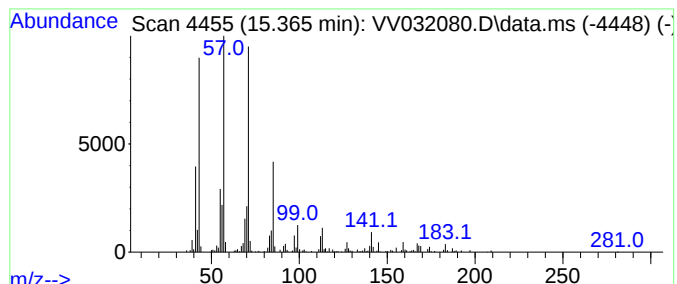
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Quant Title : VOC Analysis

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.365	7.01 ug/L	131288	1,4-Dichlorobenzene-d4	11.191

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	91
2		Hexadecane	226	C16H34	000544-76-3	87
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4		3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	86
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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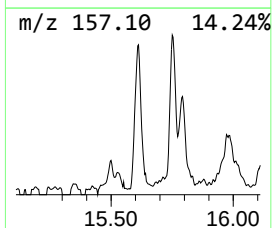
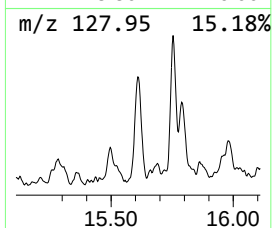
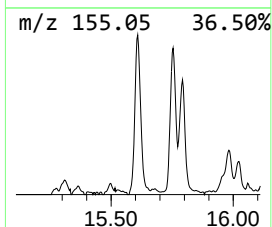
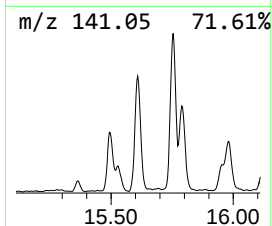
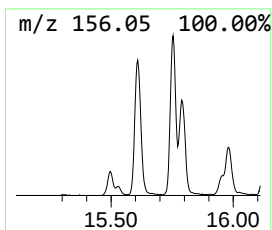
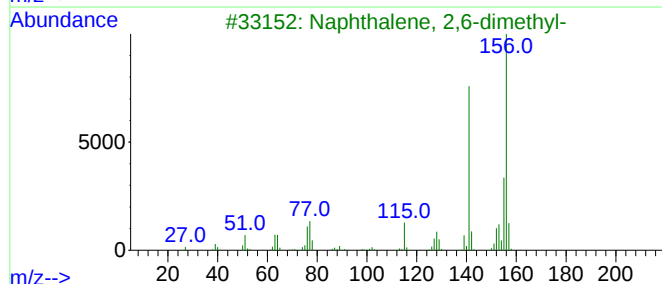
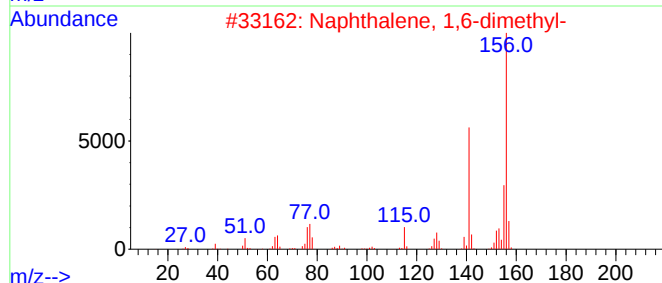
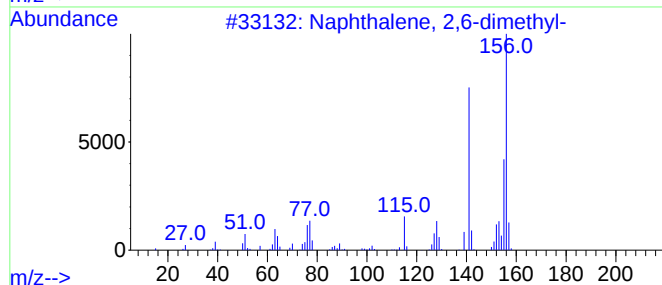
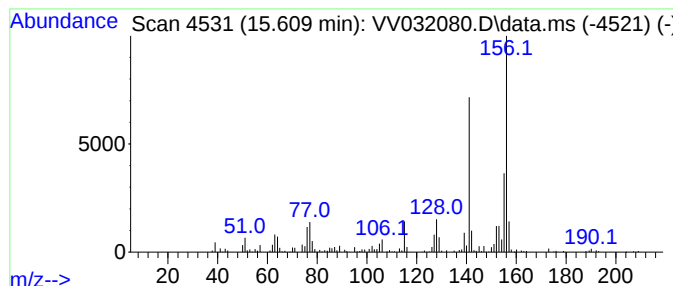
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Quant Title : VOC Analysis

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

Peak Number 39 Naphthalene, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.609	10.34 ug/L	193581	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYX8ME

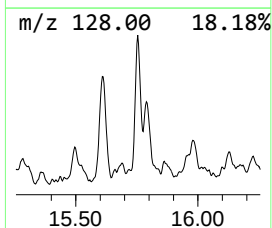
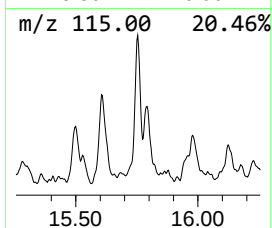
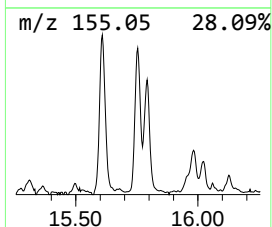
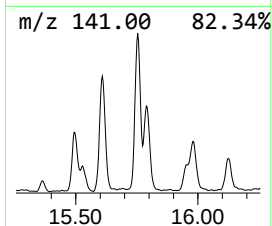
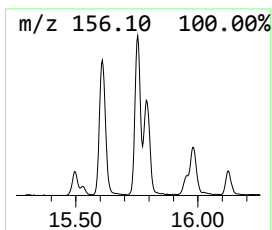
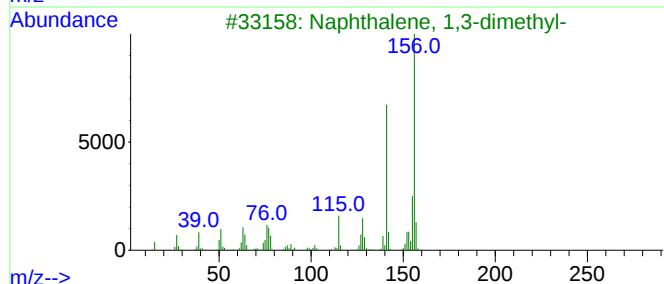
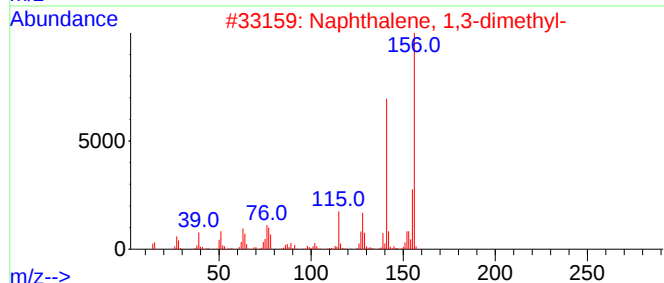
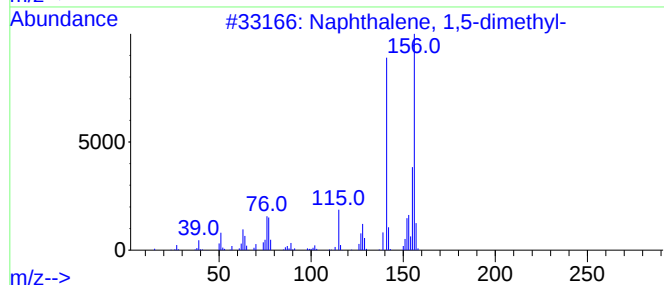
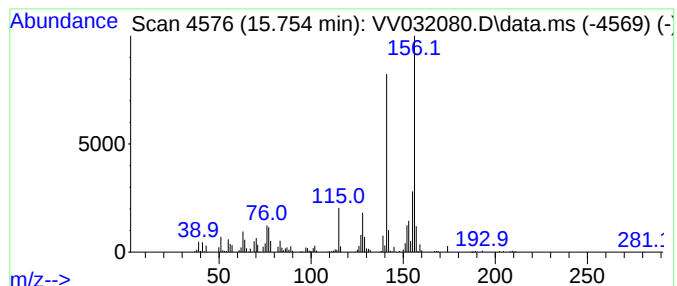
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Quant Title : VOC Analysis

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

Peak Number 40 Naphthalene, 1,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.754	8.45 ug/L	158271	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
Data File : VV032080.D
Acq On : 13 Sep 2023 16:39
Operator : SY/MD
Sample : 04330-07ME
Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EZYX8ME

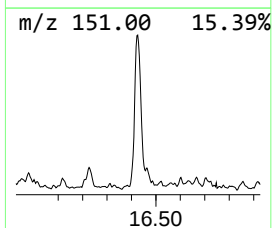
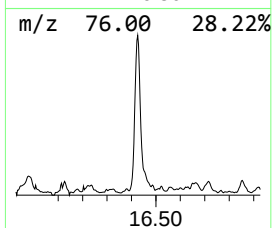
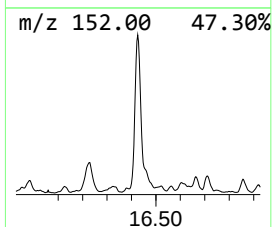
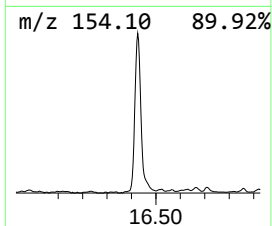
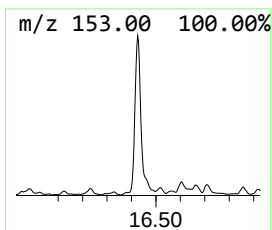
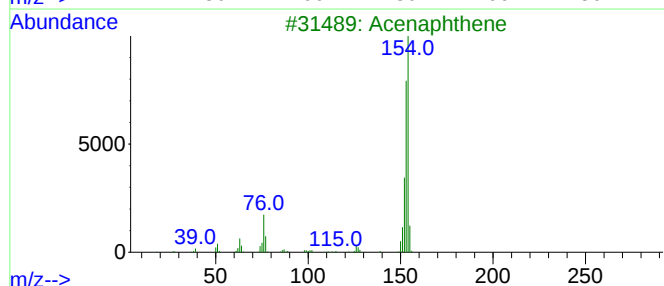
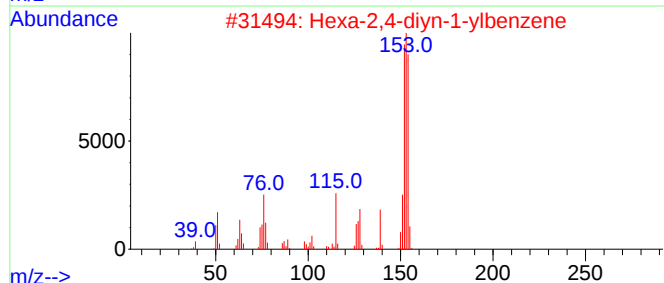
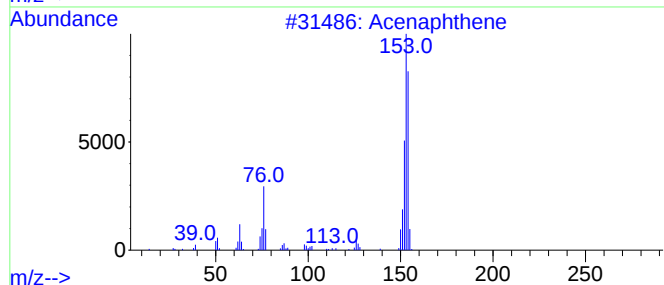
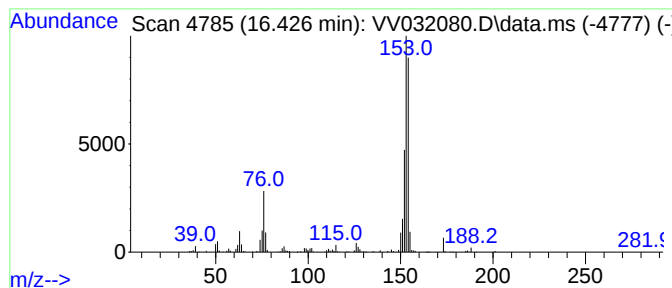
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Quant Title : VOC Analysis

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

Peak Number 41 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.426	7.22 ug/L	135293	1,4-Dichlorobenzene-d4	11.191

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	93
2			Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	76
3			Acenaphthene	154	C12H10	000083-32-9	74
4			Acenaphthene	154	C12H10	000083-32-9	60
5			Acenaphthene	154	C12H10	000083-32-9	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091323\
 Data File : VV032080.D
 Acq On : 13 Sep 2023 16:39
 Operator : SY/MD
 Sample : 04330-07ME
 Misc : 4.72g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EZYX8ME

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	9.146	6.1	ug/L	104605	2	8.789	854477	50.0
(DEL) Alkane: S...	9.651	5.5	ug/L	94923	2	8.789	854477	50.0
(DEL) Alkane: C...	9.738	5.3	ug/L	91137	2	8.789	854477	50.0
(DEL) Alkane: S...	9.792	4.5	ug/L	77119	2	8.789	854477	50.0
(DEL) Alkane: S...	9.960	2.9	ug/L	49733	2	8.789	854477	50.0
(DEL) Alkane: S...	10.027	5.1	ug/L	95189	3	11.191	936486	50.0
unknown-01	10.059	2.6	ug/L	48458	3	11.191	936486	50.0
Benzene, 1-ethy...	10.394	5.1	ug/L	96352	3	11.191	936486	50.0
Benzene, 1-ethy...	10.677	3.0	ug/L	56319	3	11.191	936486	50.0
1-Pentanol, 4-m...	11.040	3.3	ug/L	62535	3	11.191	936486	50.0
(DEL) Alkane: C...	11.098	6.4	ug/L	119298	3	11.191	936486	50.0
p-Cymene	11.140	3.2	ug/L	60706	3	11.191	936486	50.0
Benzene, 1,2,3-...	11.281	5.7	ug/L	107493	3	11.191	936486	50.0
(DEL) Alkane: S...	11.406	3.3	ug/L	62305	3	11.191	936486	50.0
(DEL) Alkane: S...	11.735	8.7	ug/L	162914	3	11.191	936486	50.0
Benzene, 1-meth...	11.882	11.2	ug/L	209340	3	11.191	936486	50.0
(DEL) Alkane: S...	11.937	3.2	ug/L	60398	3	11.191	936486	50.0
(DEL) Alkane: S...	12.069	7.3	ug/L	137089	3	11.191	936486	50.0
trans-Decalin, ...	12.201	8.7	ug/L	162153	3	11.191	936486	50.0
(DEL) Alkane: C...	12.313	12.8	ug/L	239189	3	11.191	936486	50.0
(DEL) Alkane: S...	12.355	6.9	ug/L	128474	3	11.191	936486	50.0
Benzene, 1,2,4,...	12.410	10.2	ug/L	190119	3	11.191	936486	50.0
unknown-02	12.667	4.0	ug/L	74593	3	11.191	936486	50.0
unknown-03	12.744	3.7	ug/L	69447	3	11.191	936486	50.0
Carbonic acid, ...	12.831	18.1	ug/L	339014	3	11.191	936486	50.0
(DEL) Alkane: S...	12.989	20.8	ug/L	389520	3	11.191	936486	50.0
Benzene, (1-met...	13.210	3.3	ug/L	60970	3	11.191	936486	50.0
(DEL) Alkane: C...	13.422	3.1	ug/L	57855	3	11.191	936486	50.0
(DEL) Alkane: S...	13.586	9.2	ug/L	172109	3	11.191	936486	50.0
(DEL) Alkane: S...	13.847	4.0	ug/L	75913	3	11.191	936486	50.0
Naphthalene, 1,...	14.043	8.4	ug/L	157612	3	11.191	936486	50.0
(DEL) Alkane: C...	14.451	5.3	ug/L	99964	3	11.191	936486	50.0
unknown-04	14.889	2.6	ug/L	49110	3	11.191	936486	50.0
(DEL) Alkane: S...	15.365	7.0	ug/L	131288	3	11.191	936486	50.0
Naphthalene, 2,...	15.609	10.3	ug/L	193581	3	11.191	936486	50.0
Naphthalene, 1,...	15.754	8.4	ug/L	158271	3	11.191	936486	50.0
Hexa-2,4-diyn-1...	16.426	7.2	ug/L	135293	3	11.191	936486	50.0