

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
 Data File : VV037492.D
 Acq On : 23 Sep 2024 18:47
 Operator : SY/MD
 Sample : P4024-05MEDL 20X
 Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DDC36MEDL

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\SFAMVLM082624WMA.M
 Title : VOC Analysis

Signal : TIC: VV037492.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.176	35	42	51	rBV	52734	82070	2.58%	0.139%
2	1.278	67	74	92	rVB	397239	435687	13.68%	0.739%
3	1.529	144	152	170	rVB	329427	414964	13.03%	0.704%
4	2.060	305	317	330	rBV	726968	1088672	34.19%	1.847%
5	2.883	562	573	591	rBV	87950	183091	5.75%	0.311%
6	3.610	789	799	836	rBV2	168100	430050	13.51%	0.730%
7	3.793	843	856	896	rBV	174143	517136	16.24%	0.877%
8	4.243	975	996	1026	rBV	502245	1262557	39.66%	2.142%
9	4.950	1199	1216	1238	rBV2	1216407	3092003	97.12%	5.246%
10	5.529	1383	1396	1428	rBV	942874	1937654	60.86%	3.287%
11	5.828	1475	1489	1509	rBV	478344	985206	30.94%	1.671%
12	5.982	1525	1537	1573	rVB	687838	1444000	45.36%	2.450%
13	6.908	1814	1825	1850	rBV	380082	715748	22.48%	1.214%
14	7.236	1915	1927	1950	rBV	1404989	2456377	77.15%	4.167%
15	7.548	2015	2024	2052	rVV	250492	470301	14.77%	0.798%
16	7.902	2123	2134	2152	rVB2	89711	158089	4.97%	0.268%
17	8.021	2159	2171	2198	rBV	537409	1028883	32.32%	1.746%
18	8.500	2308	2320	2334	rBV6	31891	87826	2.76%	0.149%
19	8.596	2341	2350	2363	rVB2	108655	185573	5.83%	0.315%
20	8.722	2376	2389	2397	rBV	106266	178460	5.61%	0.303%
21	8.780	2397	2407	2443	rVB	1450746	2369501	74.43%	4.020%
22	9.034	2474	2486	2490	rBV6	41854	79209	2.49%	0.134%
23	9.076	2490	2499	2508	rVV3	132418	275239	8.65%	0.467%
24	9.137	2508	2518	2542	rVB	443423	717666	22.54%	1.218%
25	9.407	2587	2602	2617	rVV7	96952	199572	6.27%	0.339%
26	9.510	2629	2634	2645	rVB2	54502	86190	2.71%	0.146%
27	9.641	2667	2675	2685	rVB2	207109	334178	10.50%	0.567%
28	9.731	2688	2703	2712	rVV5	158249	350080	11.00%	0.594%
29	9.783	2713	2719	2729	rVB	116320	179782	5.65%	0.305%
30	9.863	2731	2744	2751	rBV	80409	145229	4.56%	0.246%
31	9.950	2764	2771	2778	rBV3	74944	112579	3.54%	0.191%
32	10.021	2779	2793	2797	rVV3	205062	396378	12.45%	0.672%
33	10.050	2797	2802	2814	rVB	284464	409281	12.86%	0.694%
34	10.149	2814	2833	2850	rBV2	1085318	1891834	59.42%	3.210%
35	10.284	2866	2875	2894	rBV	182650	372331	11.69%	0.632%
36	10.381	2895	2905	2918	rVV	667841	1442573	45.31%	2.447%

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Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

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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\SFAMVLM082624WMA.M
 Title : VOC Analysis

37	10.442	2919	2924	2926	rVV2	209358	241346	7.58%	0.409%
38	10.471	2927	2933	2939	rVV	513557	799645	25.12%	1.357%
39	10.513	2939	2946	2965	rVB	843448	1322723	41.55%	2.244%
40	10.667	2967	2994	3001	rBV	168215	390266	12.26%	0.662%
41	10.706	3002	3006	3015	rVB4	78728	103609	3.25%	0.176%
42	10.770	3019	3026	3031	rBV3	71203	98767	3.10%	0.168%
43	10.812	3031	3039	3043	rBV	300201	411579	12.93%	0.698%
44	10.844	3043	3049	3061	rVB	920081	1357328	42.63%	2.303%
45	10.966	3078	3087	3092	rBV3	122167	198603	6.24%	0.337%
46	11.088	3117	3125	3130	rBV3	128698	195076	6.13%	0.331%
47	11.124	3130	3136	3144	rVV3	196601	304854	9.58%	0.517%
48	11.178	3144	3153	3163	rVV	1680086	2558138	80.35%	4.340%
49	11.230	3163	3169	3174	rVV2	240064	370763	11.65%	0.629%
50	11.268	3174	3181	3188	rVV2	543266	828181	26.01%	1.405%
51	11.307	3188	3193	3202	rVB2	273004	361554	11.36%	0.613%
52	11.397	3213	3221	3231	rVB2	258490	376919	11.84%	0.639%
53	11.481	3234	3247	3250	rVV4	238107	397305	12.48%	0.674%
54	11.506	3251	3255	3261	rVV	283864	400088	12.57%	0.679%
55	11.555	3261	3270	3292	rVB3	1650022	3183733	100.00%	5.401%
56	11.677	3299	3308	3314	rBV3	115295	200306	6.29%	0.340%
57	11.725	3315	3323	3328	rBV	450202	659630	20.72%	1.119%
58	11.844	3351	3360	3364	rBV	341445	500476	15.72%	0.849%
59	11.873	3365	3369	3377	rVV	380853	509450	16.00%	0.864%
60	11.947	3378	3392	3405	rVB2	295295	618946	19.44%	1.050%
61	12.053	3417	3425	3431	rBV3	75193	141104	4.43%	0.239%
62	12.191	3456	3468	3475	rBV8	86337	183109	5.75%	0.311%
63	12.246	3478	3485	3494	rVB2	146131	244150	7.67%	0.414%
64	12.304	3494	3503	3510	rBV4	130811	245166	7.70%	0.416%
65	12.349	3510	3517	3525	rVV3	147823	233103	7.32%	0.395%
66	12.397	3525	3532	3540	rVV	279006	383001	12.03%	0.650%
67	12.436	3540	3544	3552	rVB2	81082	106079	3.33%	0.180%
68	12.484	3552	3559	3566	rBV3	120060	171643	5.39%	0.291%
69	12.522	3566	3571	3578	rBV3	62122	72217	2.27%	0.123%
70	12.728	3627	3635	3643	rBV4	95429	161123	5.06%	0.273%
71	12.783	3644	3652	3655	rVV3	85980	130518	4.10%	0.221%
72	12.818	3656	3663	3673	rVV4	289802	560072	17.59%	0.950%
73	12.870	3674	3679	3688	rVB4	128933	207755	6.53%	0.352%
74	12.976	3705	3712	3721	rBV3	102888	182977	5.75%	0.310%
75	13.024	3723	3727	3739	rVB2	85580	115771	3.64%	0.196%
76	13.204	3772	3783	3798	rBV4	185508	393843	12.37%	0.668%

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77	13.317	3808	3818	3823	rBV	722064	1088149	34.18%	1.846%
78	13.355	3823	3830	3849	rVB4	840317	1833891	57.60%	3.111%
79	13.551	3881	3891	3898	rBV4	148593	276667	8.69%	0.469%
80	13.754	3945	3954	3963	rBV2	176524	276071	8.67%	0.468%
81	13.834	3969	3979	3990	rVB7	126050	246921	7.76%	0.419%
82	13.902	3991	4000	4010	rBV	995603	1444641	45.38%	2.451%
83	13.960	4011	4018	4027	rVB	179011	274716	8.63%	0.466%
84	14.030	4027	4040	4049	rBV	134322	329965	10.36%	0.560%
85	14.130	4063	4071	4080	rBV	287721	415371	13.05%	0.705%
86	14.207	4089	4095	4111	rVB3	118304	204249	6.42%	0.347%
87	14.564	4192	4206	4213	rBV	263018	503943	15.83%	0.855%
88	14.751	4256	4264	4270	rBV2	152684	257371	8.08%	0.437%
89	15.352	4445	4451	4458	rBV2	56974	74562	2.34%	0.126%
90	15.596	4520	4527	4542	rBV	157843	284921	8.95%	0.483%
91	15.667	4545	4549	4558	rVB3	62371	82216	2.58%	0.139%
92	15.744	4564	4573	4574	rBV2	209929	231276	7.26%	0.392%
93	15.779	4575	4584	4597	rVB2	1122651	1871407	58.78%	3.175%
94	16.213	4710	4719	4732	rBV	702245	1039781	32.66%	1.764%
95	16.284	4735	4741	4757	rVB7	100915	167204	5.25%	0.284%
96	16.506	4804	4810	4814	rBV3	55889	76888	2.42%	0.130%
97	16.541	4815	4821	4836	rVB4	133643	218206	6.85%	0.370%
98	16.667	4852	4860	4867	rBV3	137659	218689	6.87%	0.371%
99	16.850	4908	4917	4928	rBV	627894	945651	29.70%	1.604%
100	17.574	5135	5142	5155	rVB6	86913	143086	4.49%	0.243%

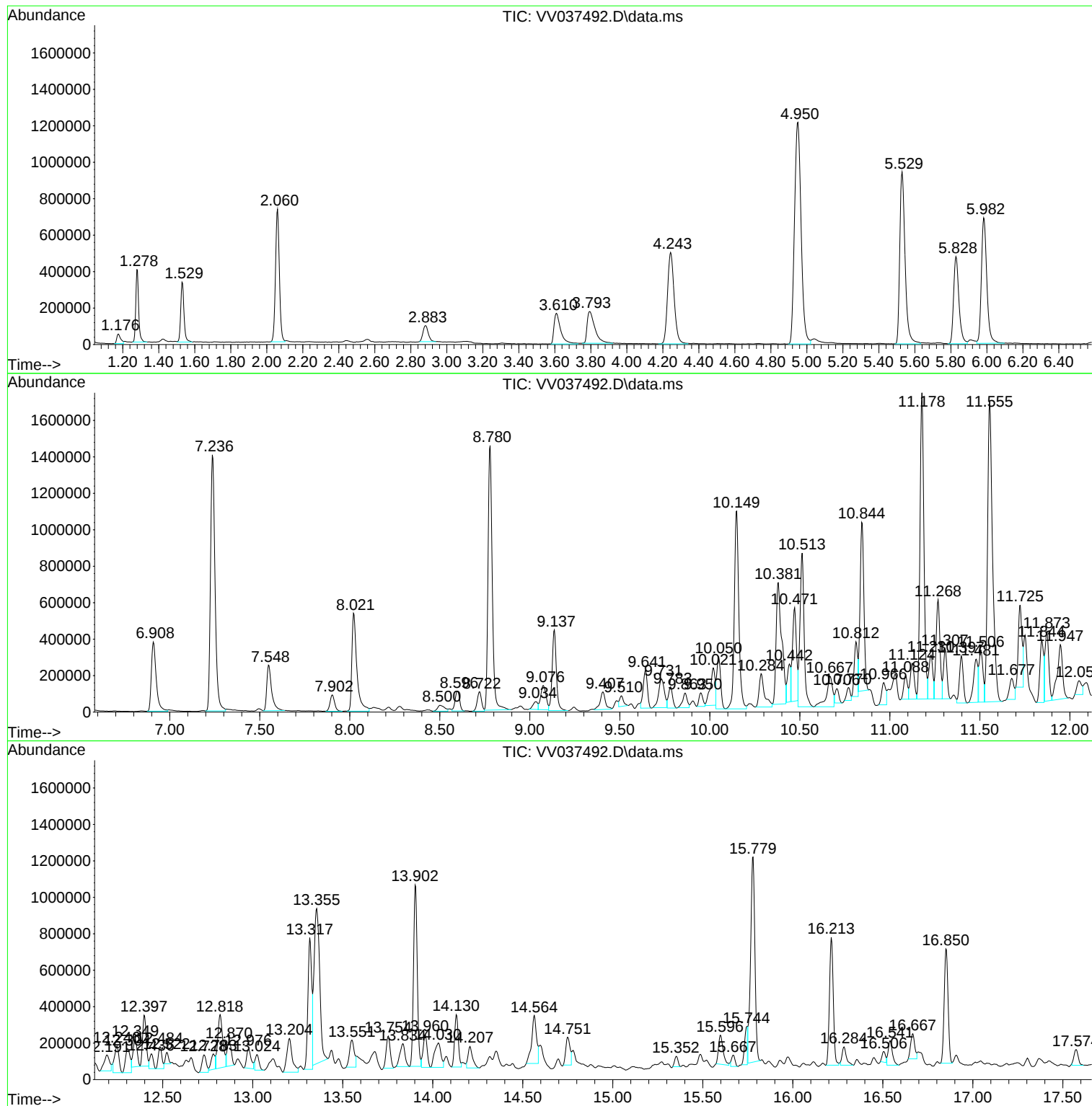
Sum of corrected areas: 58942727

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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

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



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Instrument :
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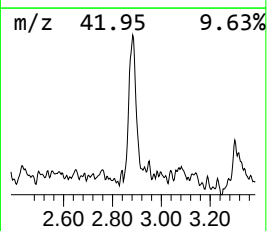
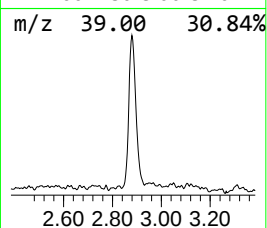
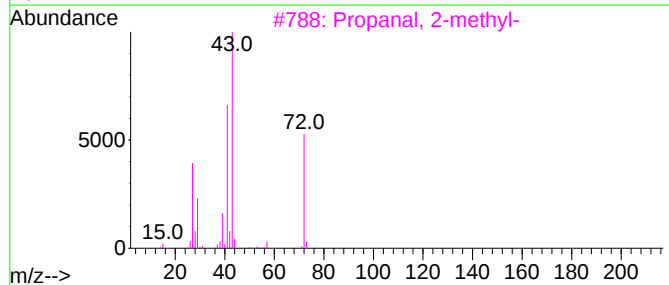
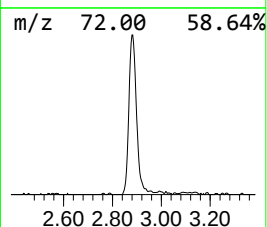
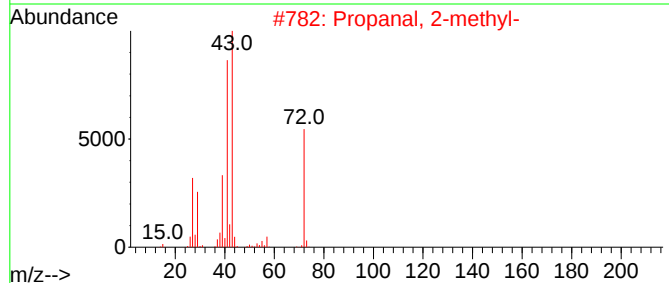
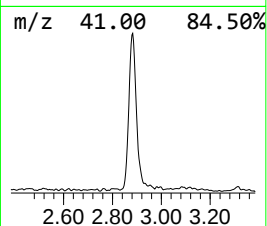
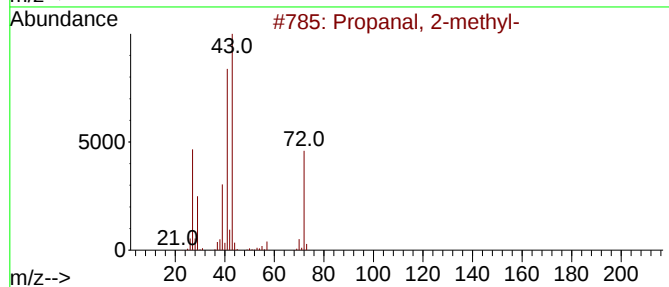
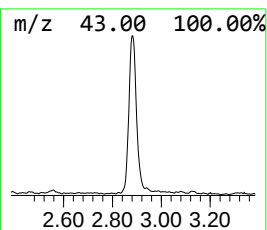
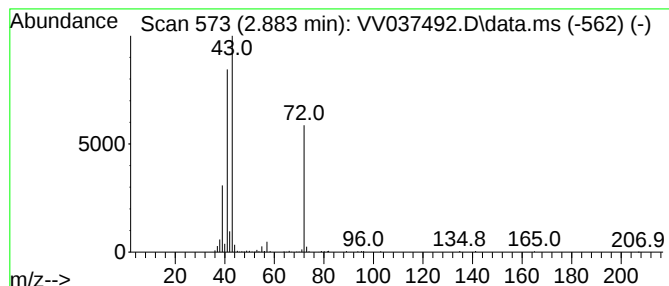
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Propanal, 2-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.883	4.72 ug/L	183091	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2-methyl-		72	C4H8O	000078-84-2	90	
2	Propanal, 2-methyl-		72	C4H8O	000078-84-2	78	
3	Propanal, 2-methyl-		72	C4H8O	000078-84-2	72	
4	Propanal, 2-methyl-		72	C4H8O	000078-84-2	59	
5	Propanal, 2-methyl-		72	C4H8O	000078-84-2	56	



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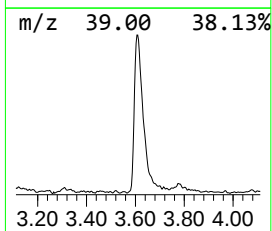
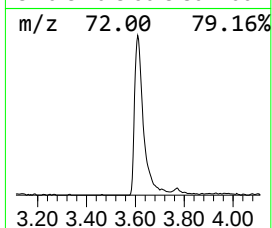
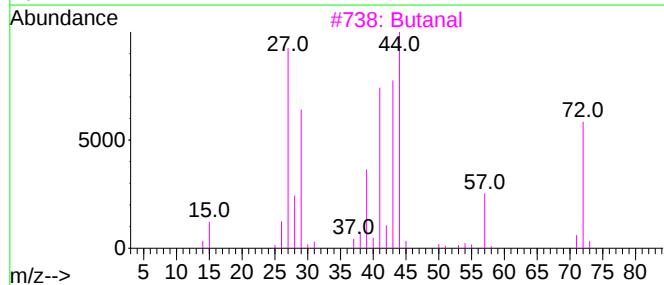
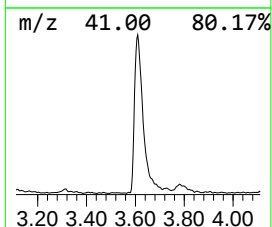
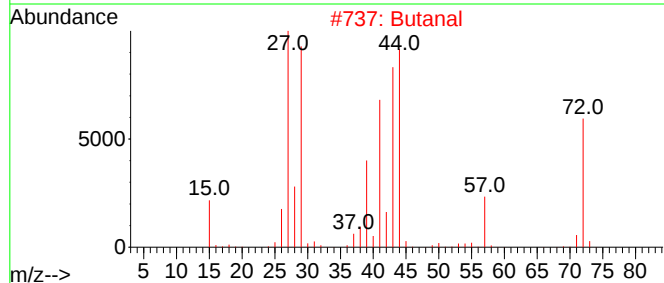
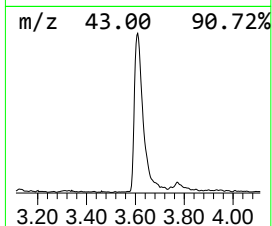
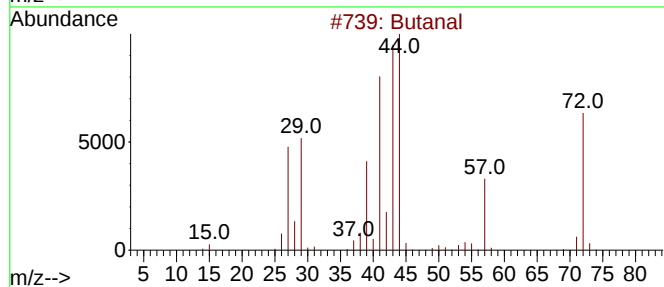
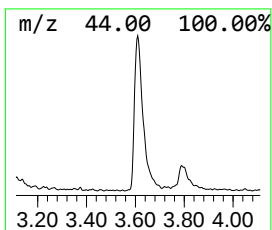
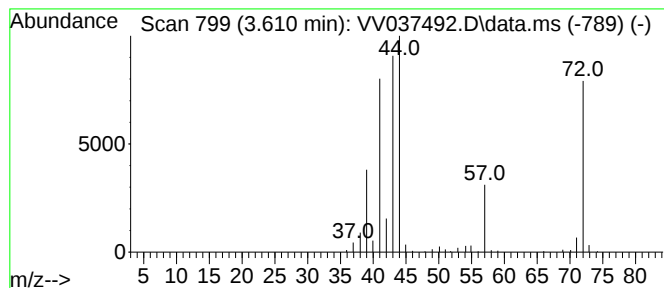
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Butanal Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.610	11.10 ug/L	430050	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal			72	C4H8O	000123-72-8	91
2	Butanal			72	C4H8O	000123-72-8	91
3	Butanal			72	C4H8O	000123-72-8	81
4	Butanal			72	C4H8O	000123-72-8	81
5	Butanal			72	C4H8O	000123-72-8	81



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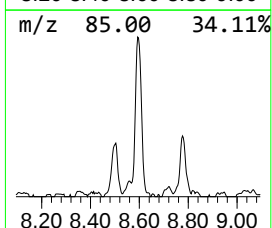
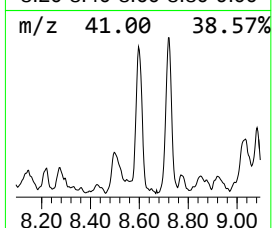
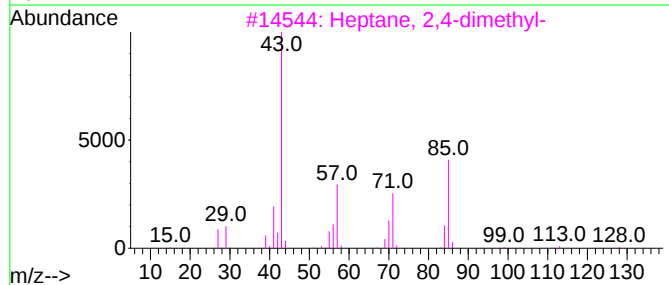
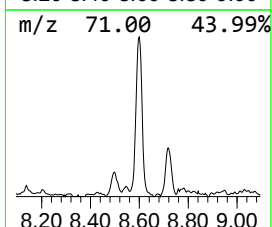
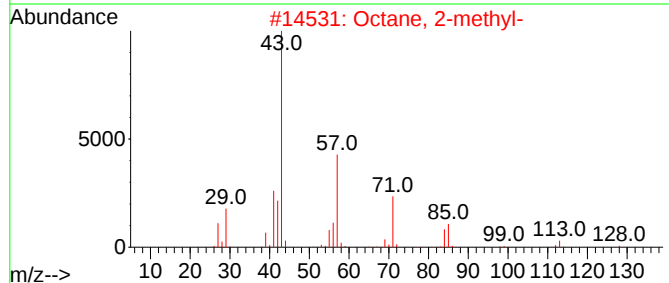
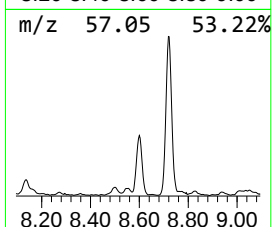
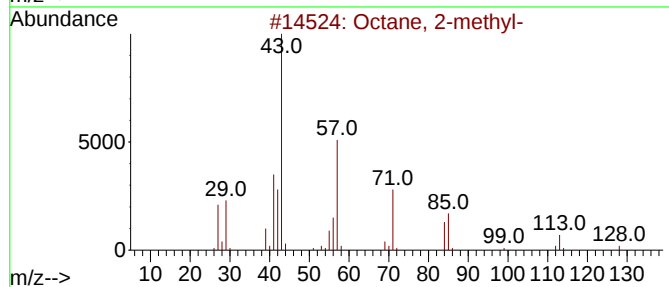
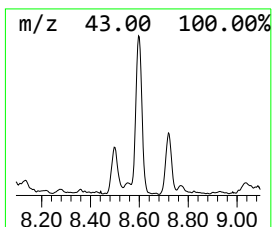
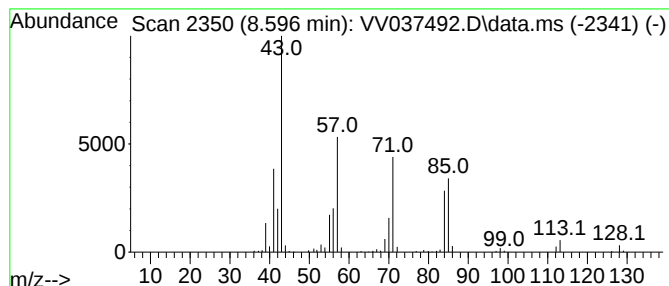
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.596	3.92 ug/L	185573	Chlorobenzene-d5	8.780

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2-methyl-	128	C9H20	003221-61-2	72
2		Octane, 2-methyl-	128	C9H20	003221-61-2	72
3		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
4		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	59
5		Decane	142	C10H22	000124-18-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

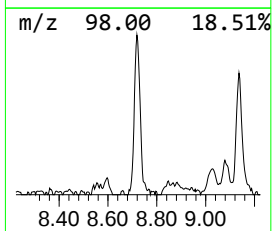
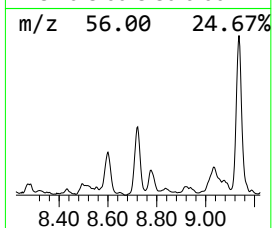
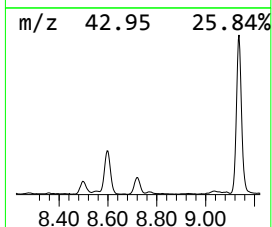
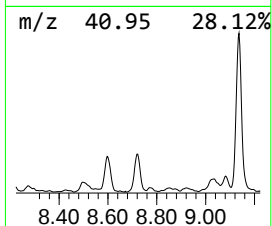
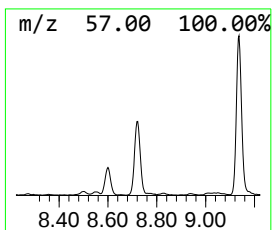
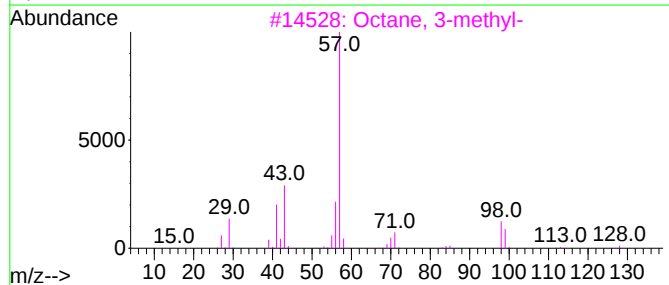
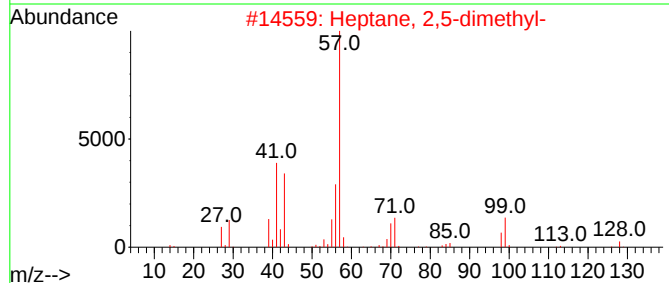
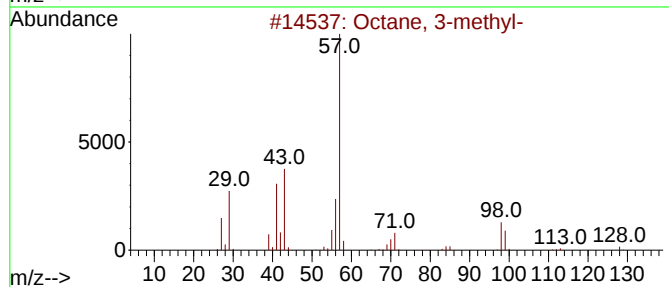
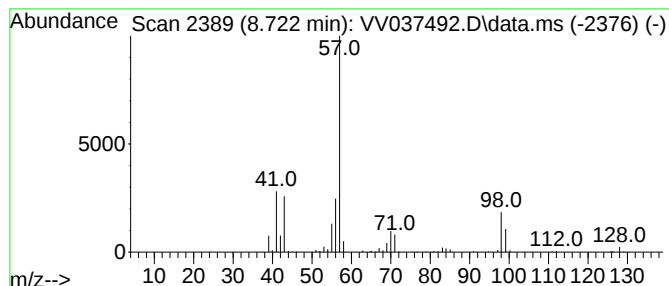
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.722	3.77 ug/L	178460	Chlorobenzene-d5	8.780

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 3-methyl-	128	C9H20	002216-33-3	91
2		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
3		Octane, 3-methyl-	128	C9H20	002216-33-3	76
4		Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	64
5		Undecane, 6-methyl-	170	C12H26	017302-33-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

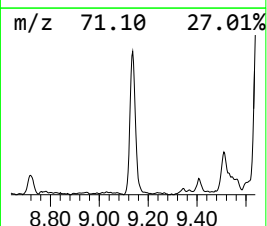
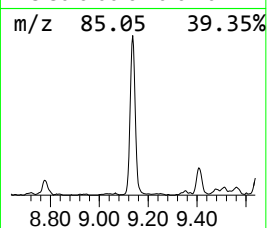
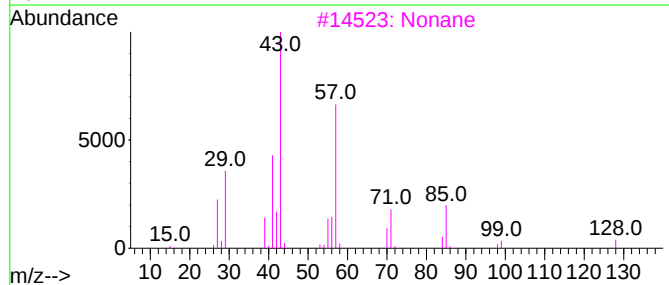
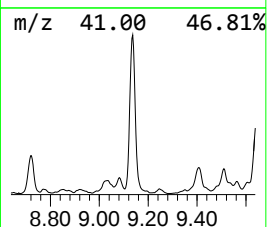
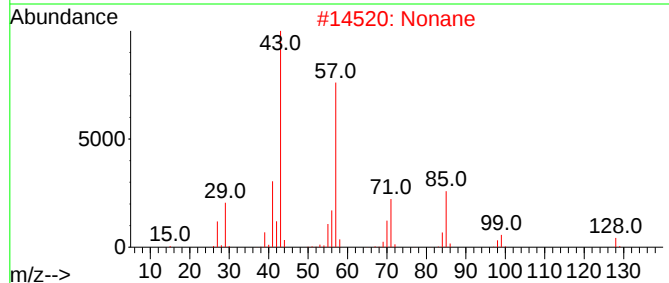
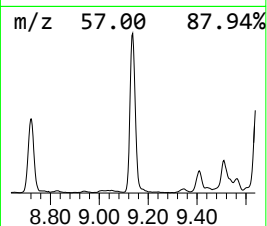
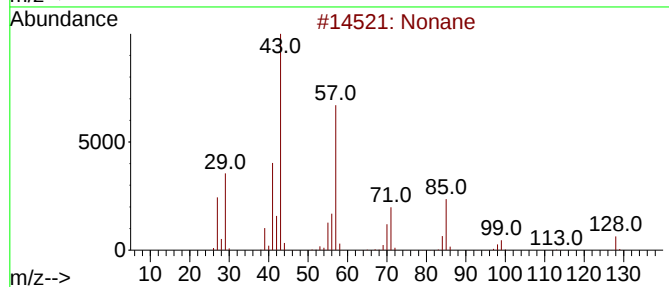
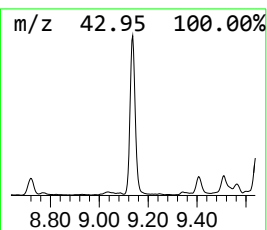
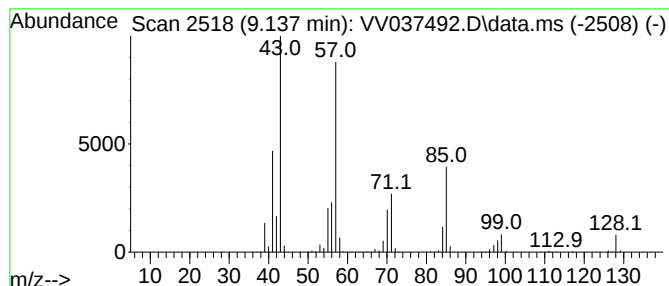
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.137	15.14 ug/L	717666	Chlorobenzene-d5	8.780

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane			128	C9H20	000111-84-2	95
2	Nonane			128	C9H20	000111-84-2	91
3	Nonane			128	C9H20	000111-84-2	91
4	Nonane			128	C9H20	000111-84-2	81
5	Octane			114	C8H18	000111-65-9	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

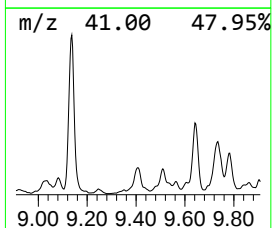
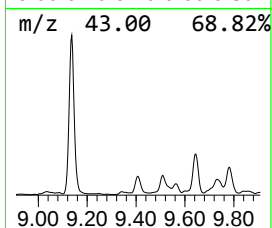
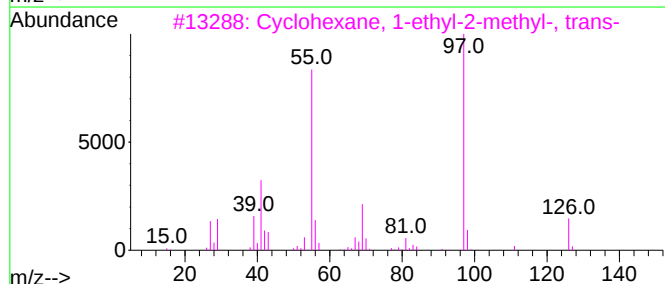
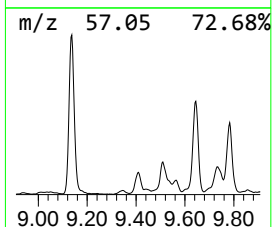
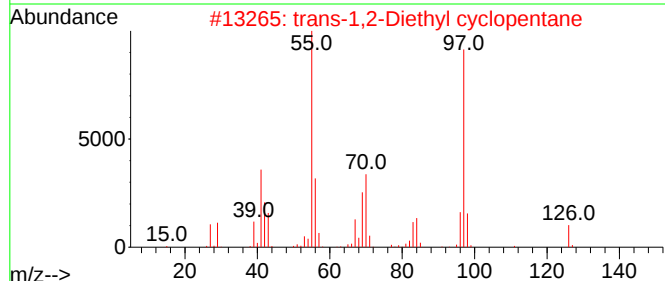
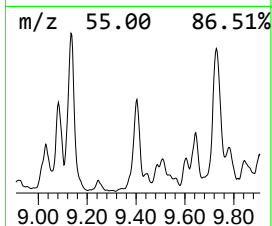
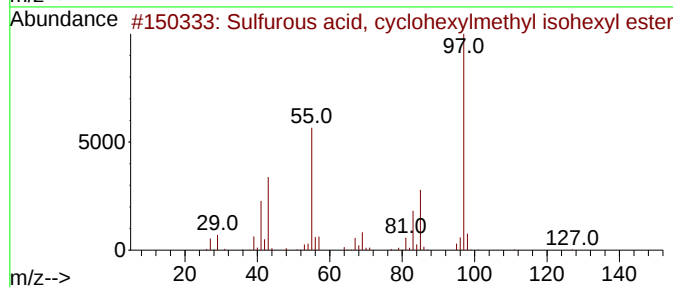
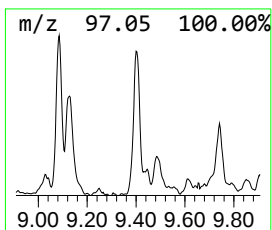
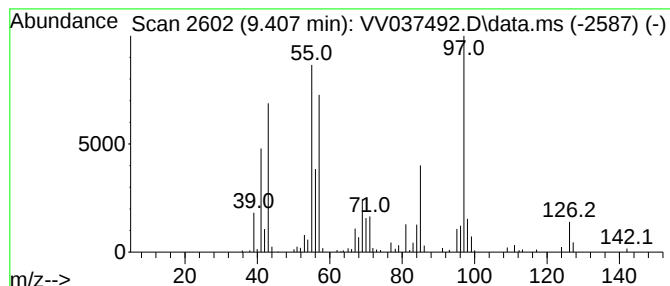
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Quant Title : VOC Analysis

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

Peak Number 7 Sulfurous acid, cyclohexylm... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.407	4.21 ug/L	199572	Chlorobenzene-d5	8.780

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	53
2			trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	53
3			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	49
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	46
5			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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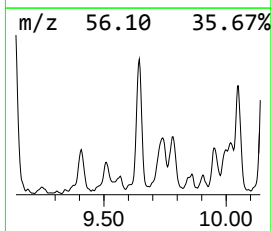
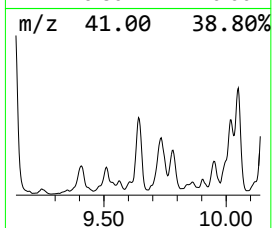
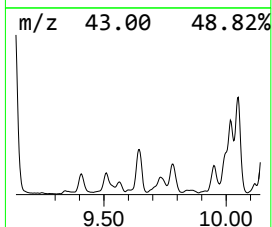
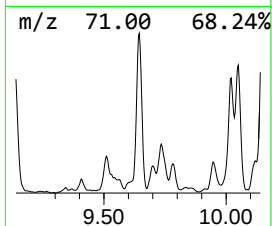
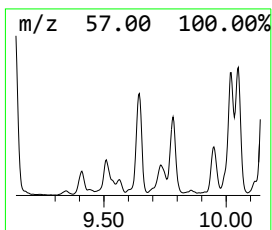
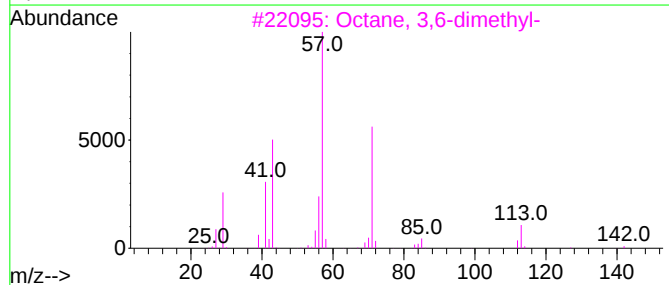
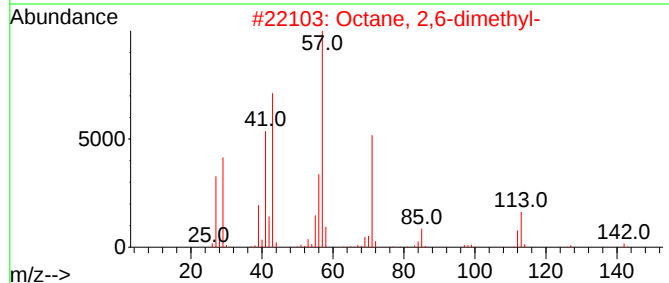
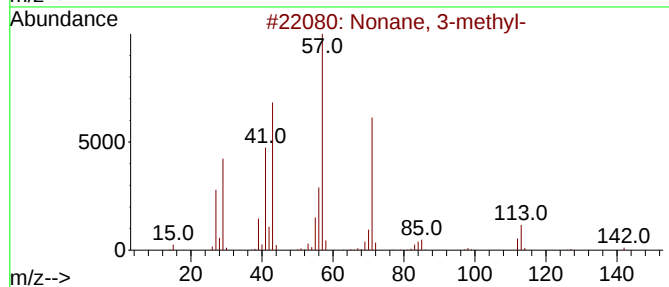
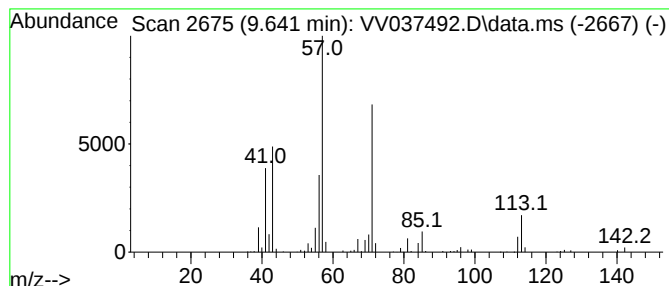
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.641	7.05 ug/L	334178	Chlorobenzene-d5	8.780

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

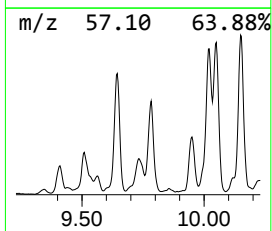
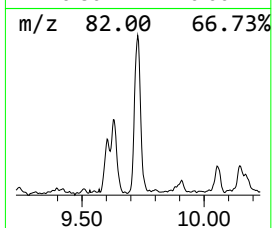
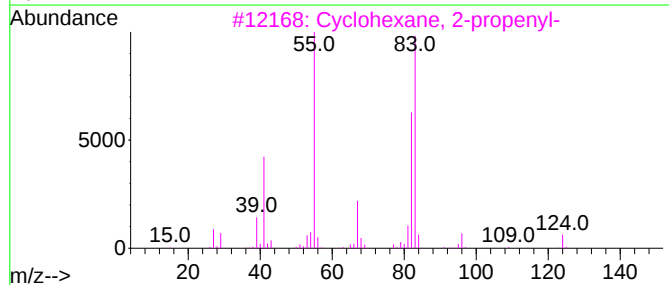
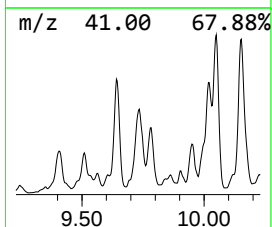
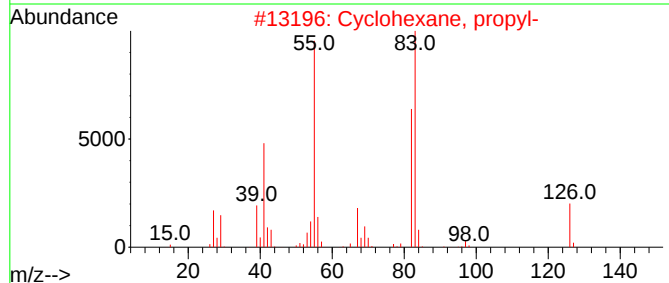
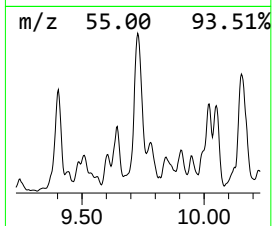
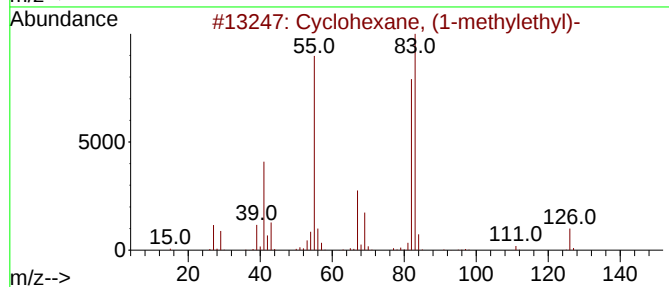
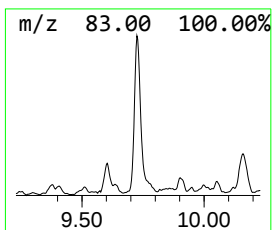
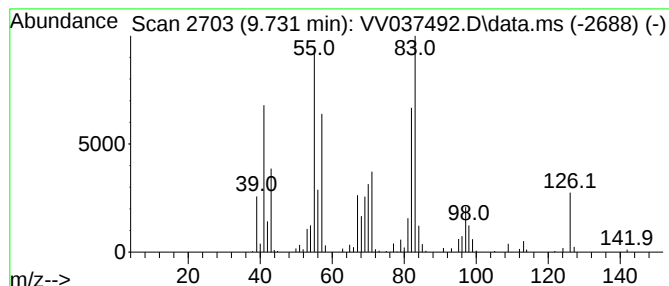
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Cyclic9.731 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.731	7.39 ug/L	350080	Chlorobenzene-d5	8.780

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	62
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	62
3			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	60
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	58
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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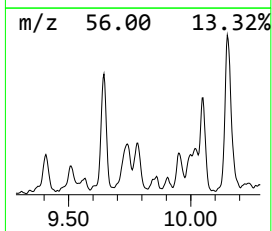
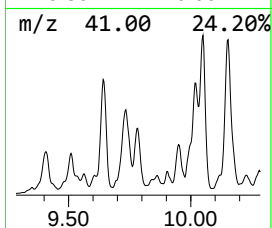
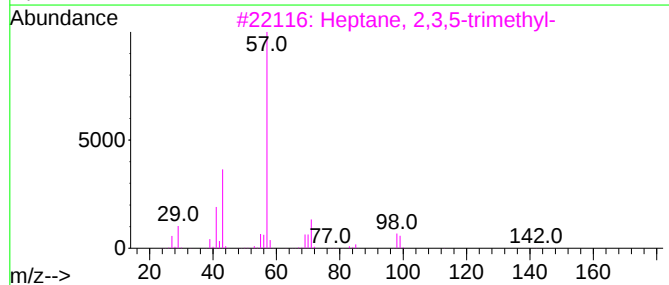
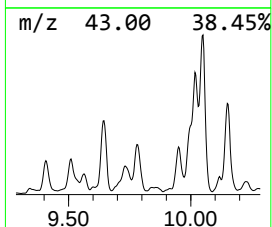
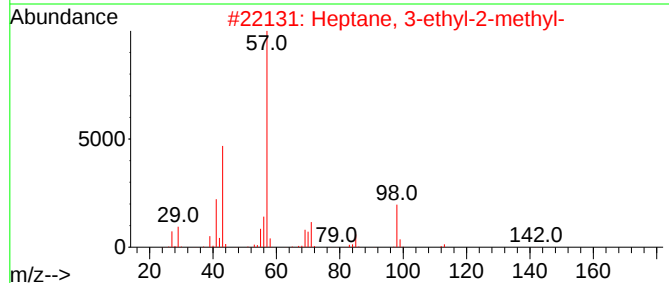
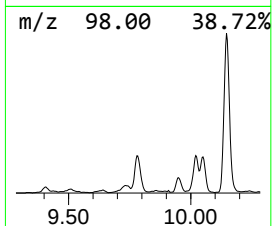
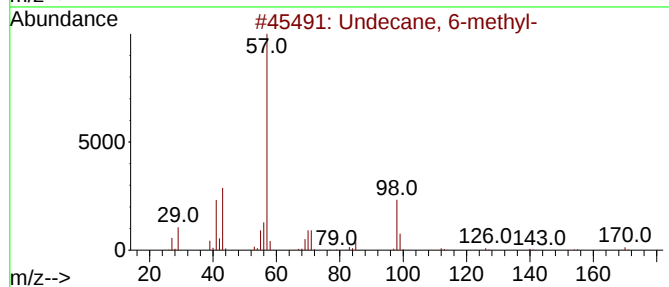
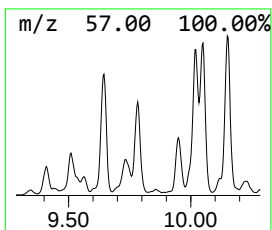
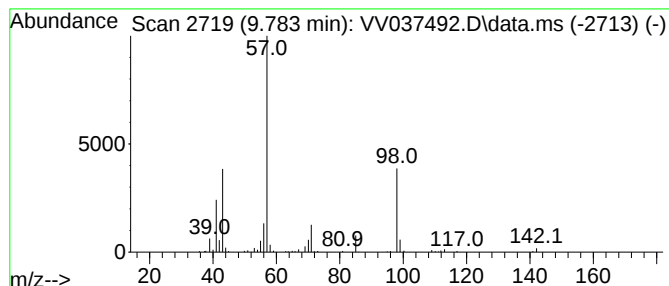
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.783	3.79 ug/L	179782	Chlorobenzene-d5	8.780

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 6-methyl-	170	C12H26	017302-33-9	50
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	43
3		Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	43
4		Octane, 3-methyl-	128	C9H20	002216-33-3	42
5		Carbonic acid, heptyl vinyl ester	186	C10H18O3	1010383-25-4	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

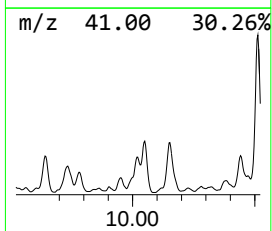
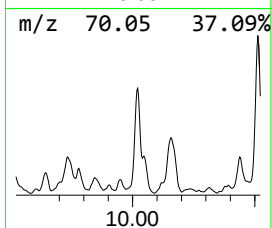
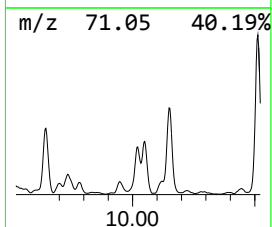
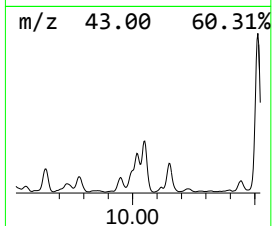
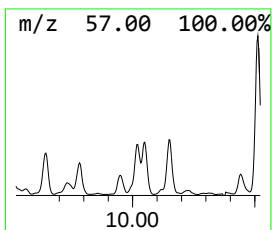
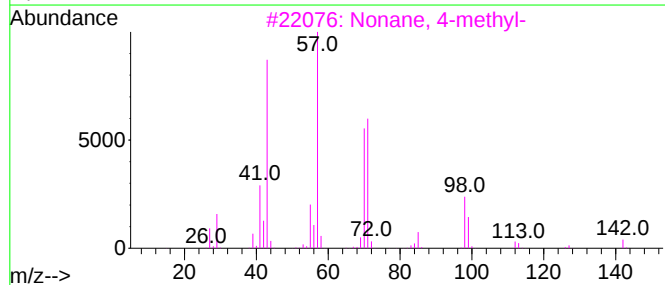
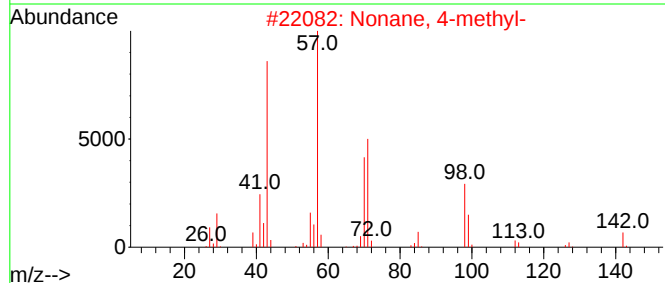
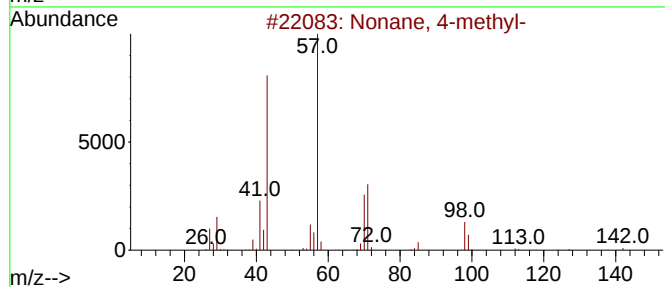
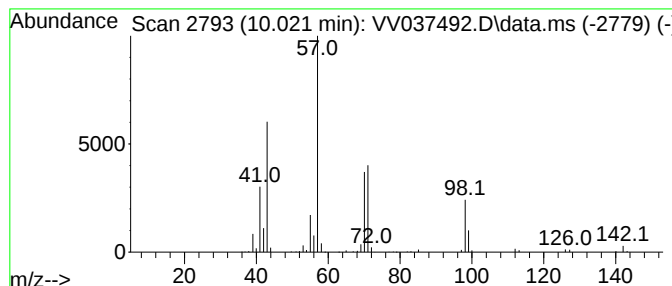
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.021	7.75 ug/L	396378	1,4-Dichlorobenzene-d4	11.178

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	83
3			Nonane, 4-methyl-	142	C10H22	017301-94-9	83
4			Nonane, 2-methyl-	142	C10H22	000871-83-0	59
5			Nonane, 2-methyl-	142	C10H22	000871-83-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

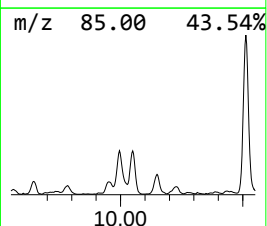
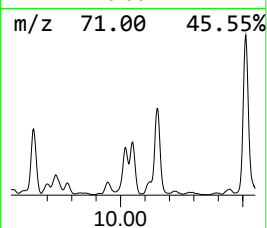
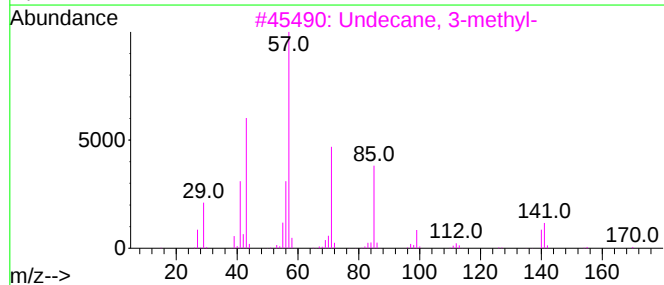
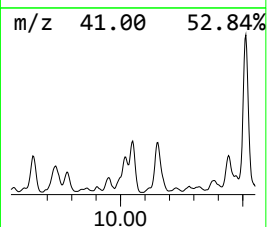
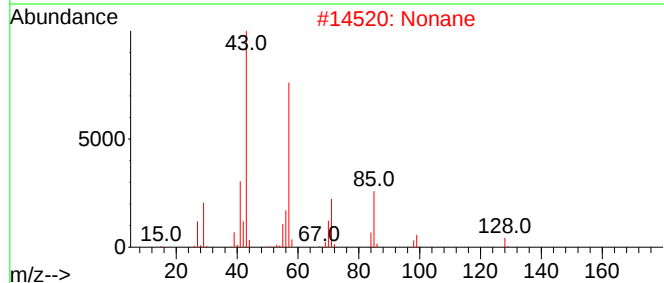
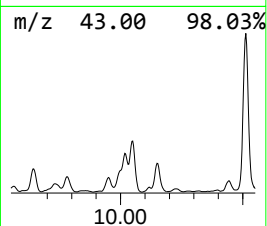
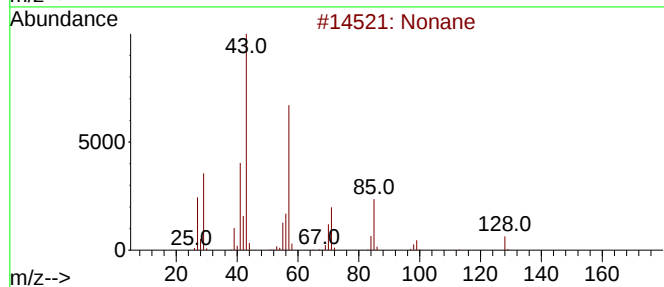
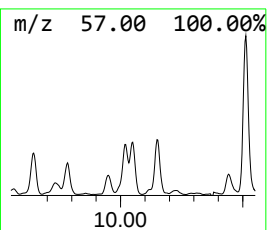
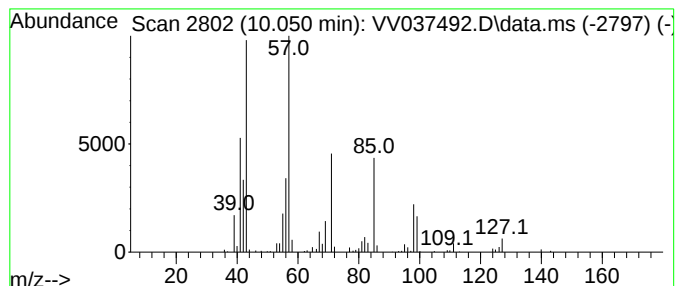
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.050	8.00 ug/L	409281	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane	128	C9H20	000111-84-2	59
2			Nonane	128	C9H20	000111-84-2	59
3			Undecane, 3-methyl-	170	C12H26	001002-43-3	53
4			Nonane, 2-methyl-	142	C10H22	000871-83-0	50
5			Nonane, 2-methyl-	142	C10H22	000871-83-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

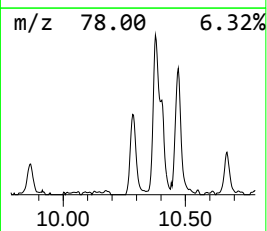
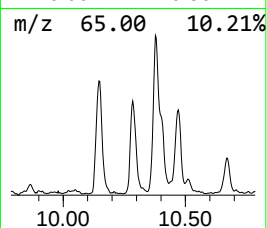
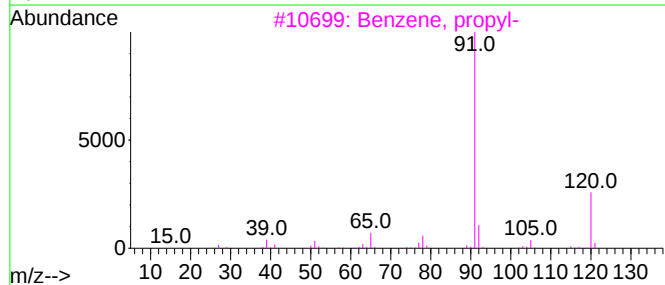
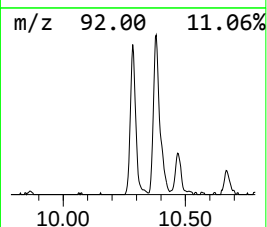
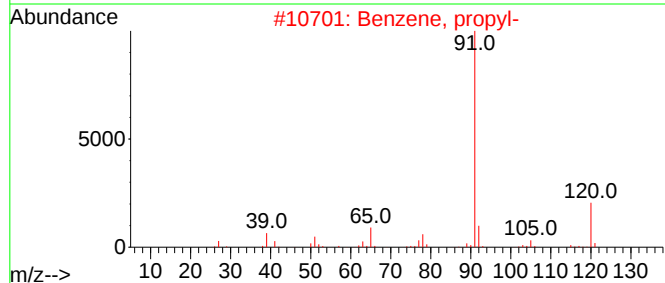
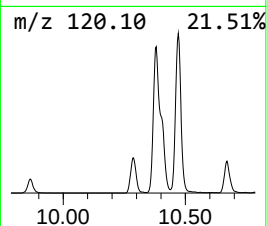
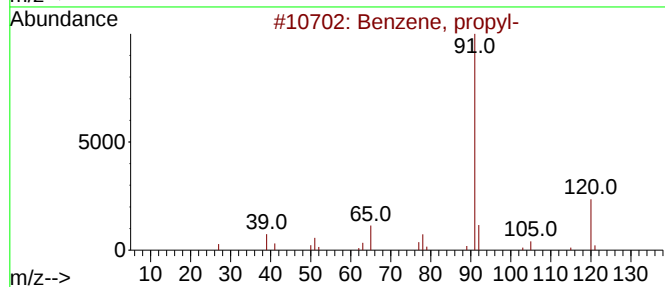
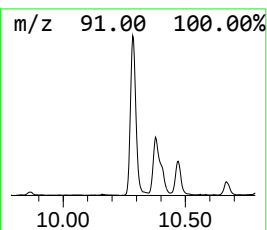
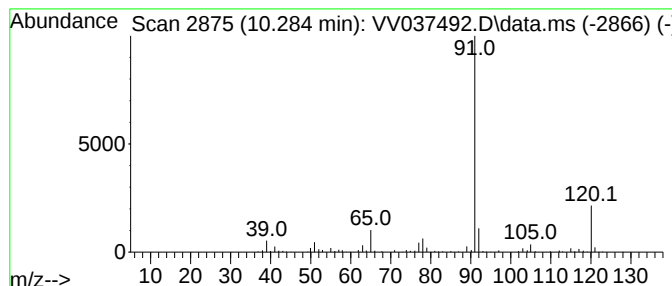
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Quant Title : VOC Analysis

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

Peak Number 13 Benzene, propyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.285	7.28 ug/L	372331	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	94
2			Benzene, propyl-	120	C9H12	000103-65-1	90
3			Benzene, propyl-	120	C9H12	000103-65-1	90
4			Benzene, propyl-	120	C9H12	000103-65-1	86
5			1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

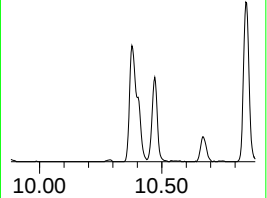
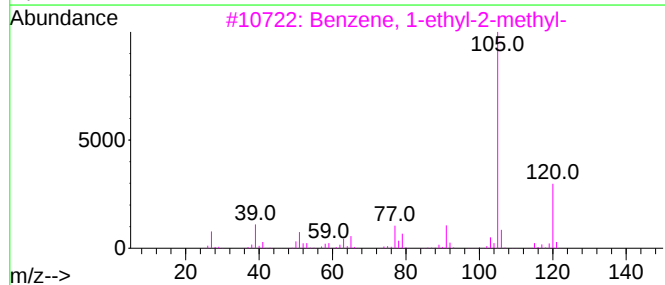
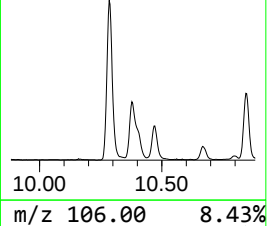
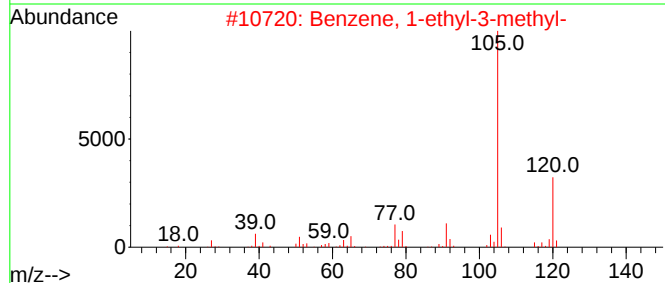
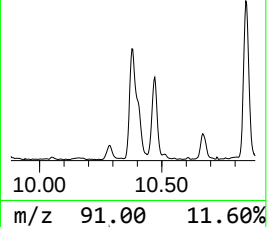
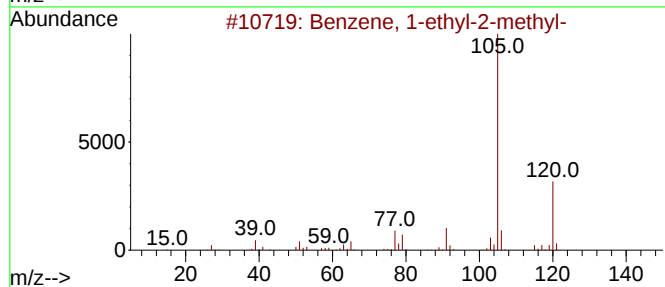
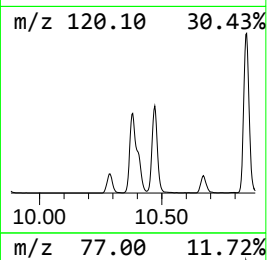
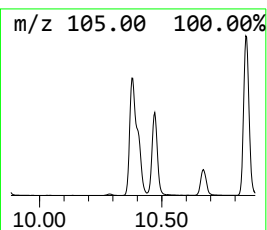
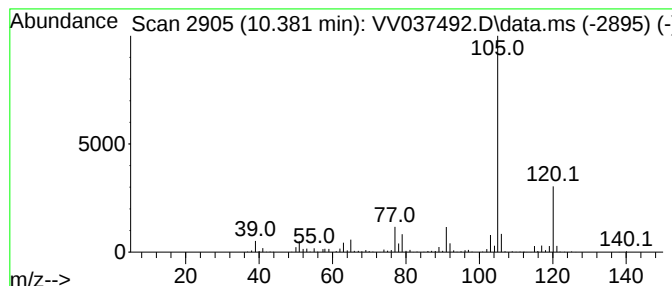
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Quant Title : VOC Analysis

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

Peak Number 14 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.381	28.20 ug/L	1442570	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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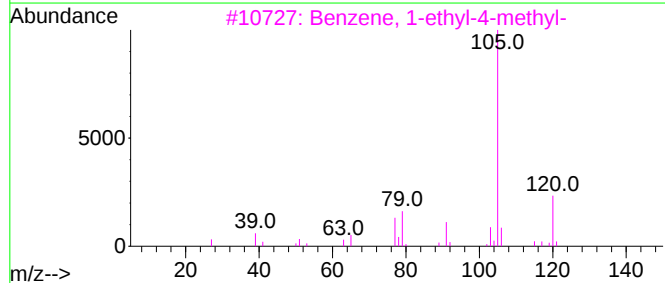
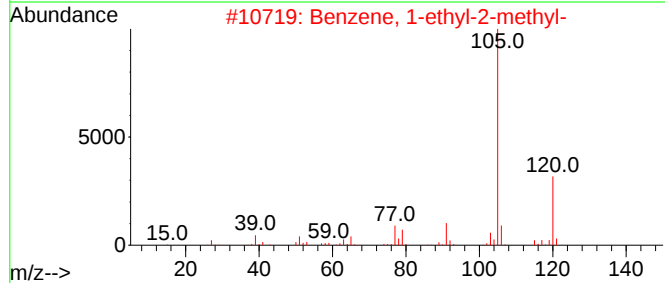
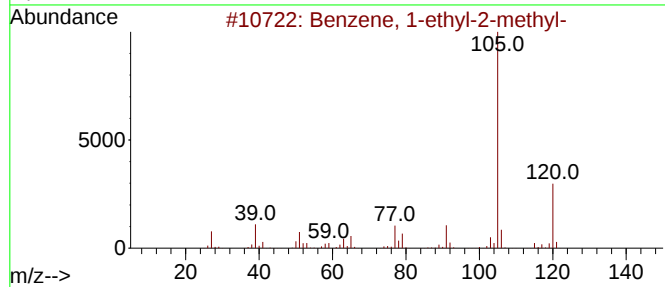
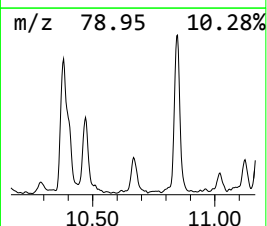
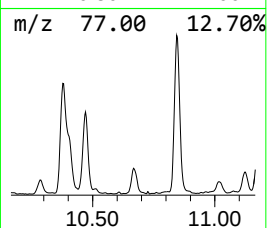
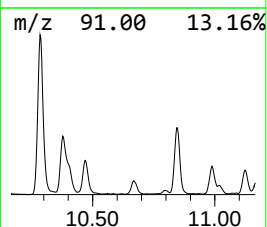
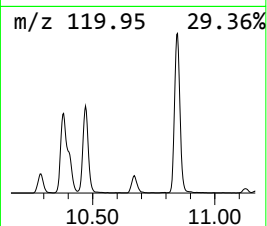
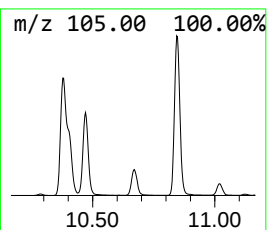
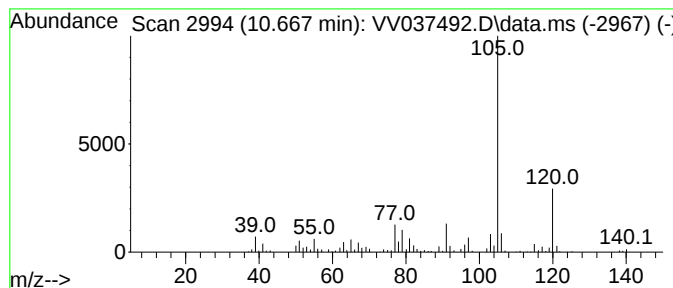
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Quant Title : VOC Analysis

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

Peak Number 15 Benzene, 1-ethyl-4-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.667	7.63 ug/L	390266	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	89
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5			Mesitylene	120	C9H12	000108-67-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

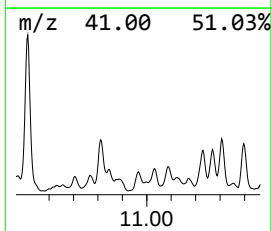
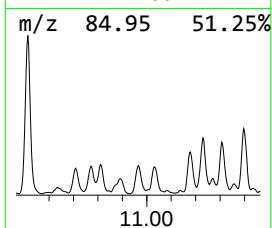
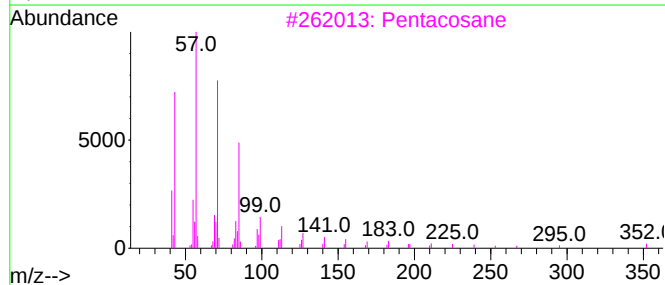
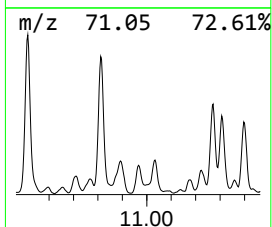
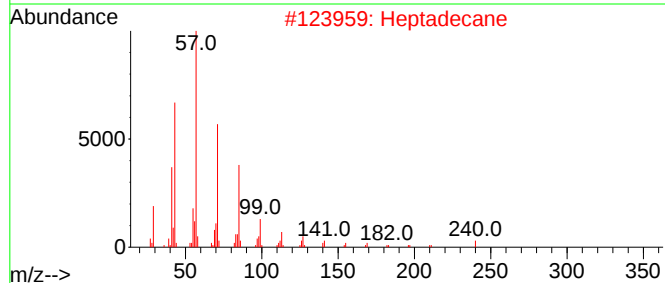
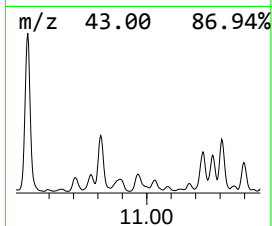
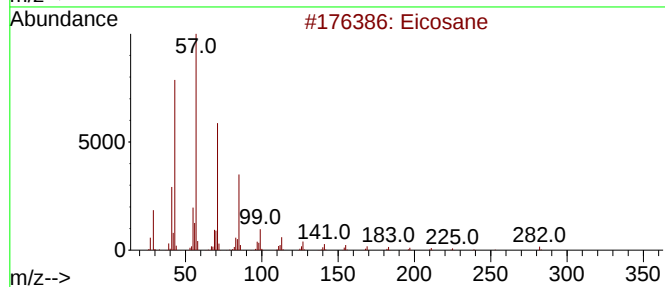
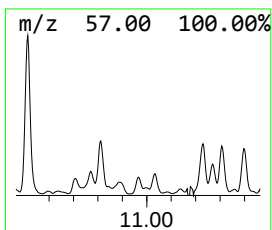
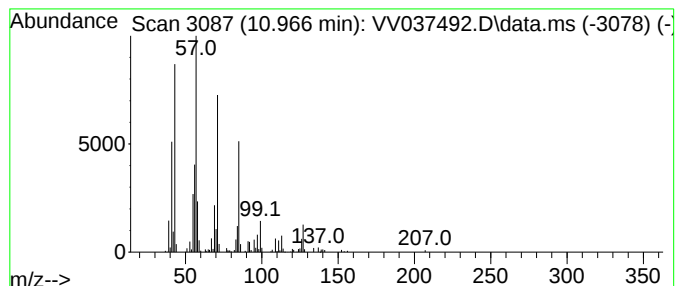
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.966	3.88 ug/L	198603	1,4-Dichlorobenzene-d4	11.178

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Eicosane	282	C20H42	000112-95-8	53
2		Heptadecane	240	C17H36	000629-78-7	53
3		Pentacosane	352	C25H52	000629-99-2	53
4		Decane, 3-methyl-	156	C11H24	013151-34-3	52
5		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

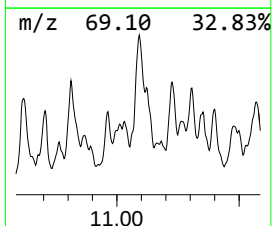
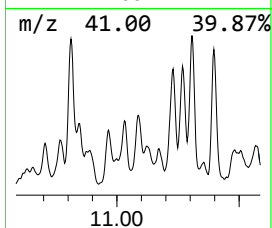
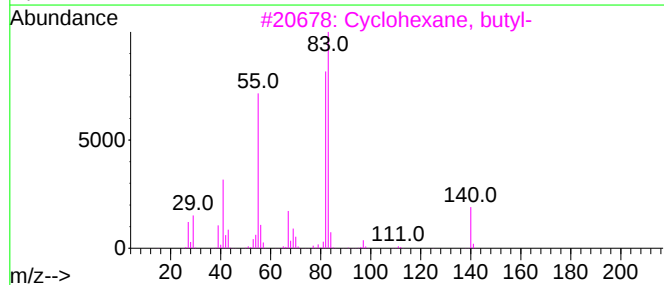
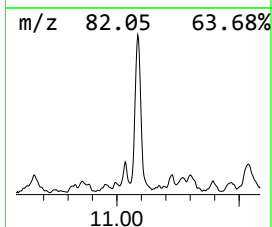
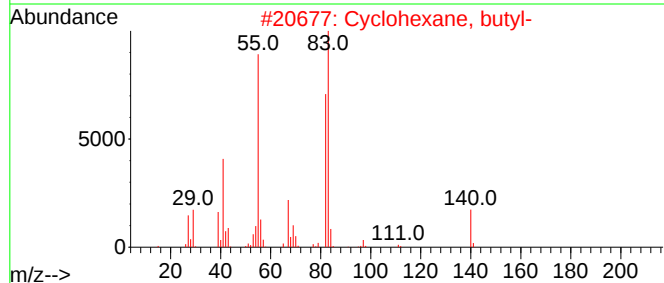
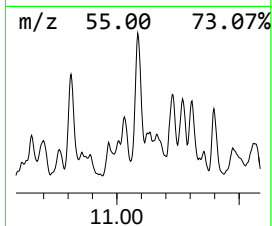
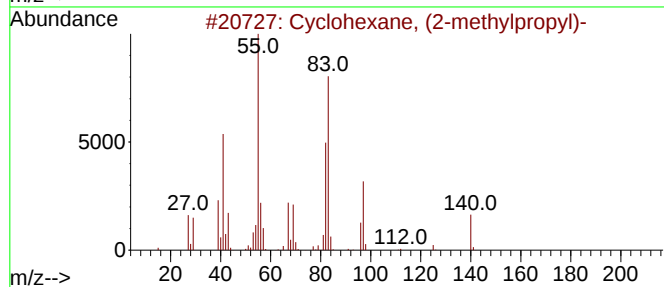
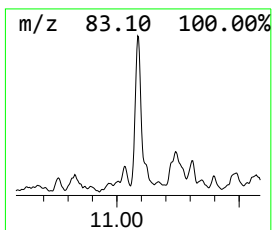
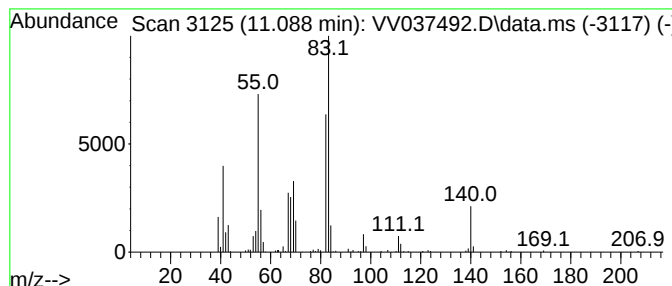
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Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Cyclic11.088 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.088	3.81 ug/L	195076	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	64
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	64
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	64
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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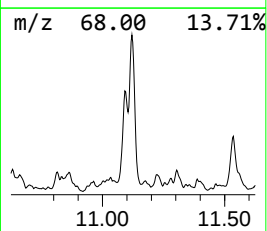
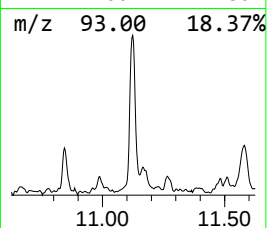
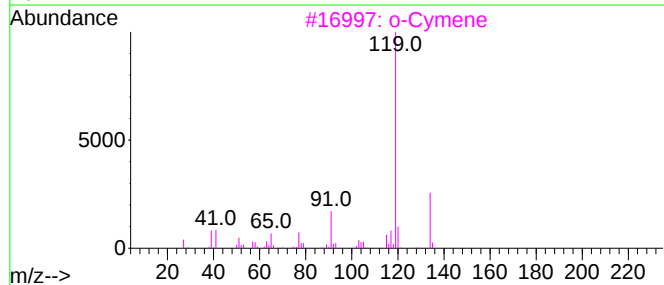
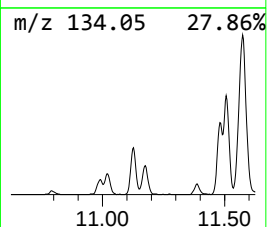
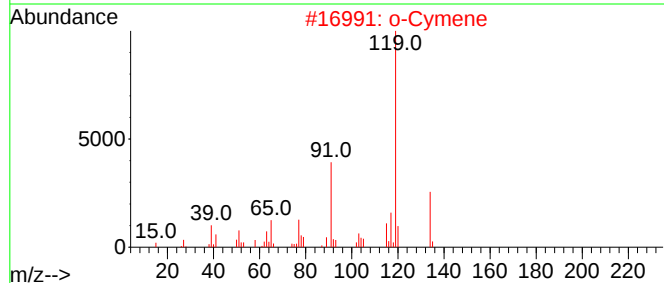
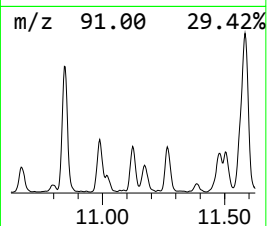
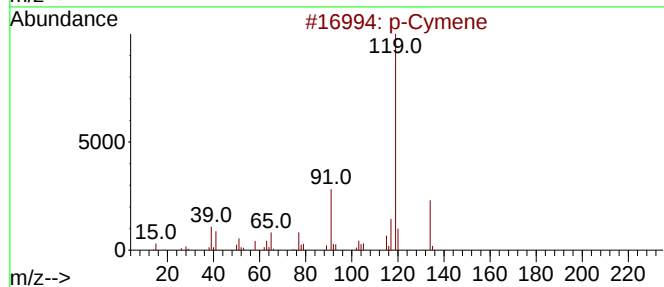
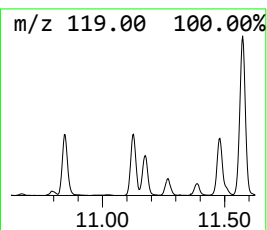
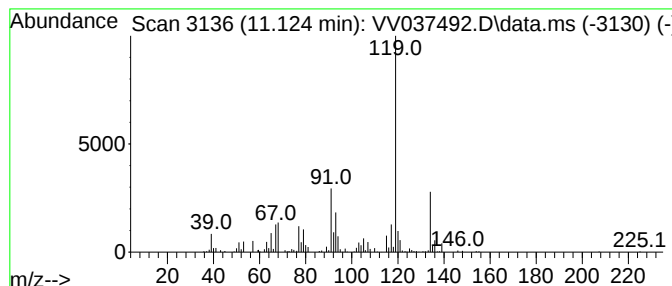
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Quant Title : VOC Analysis

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

Peak Number 18 p-Cymene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.124	5.96 ug/L	304854	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	94
2			o-Cymene	134	C10H14	000527-84-4	93
3			o-Cymene	134	C10H14	000527-84-4	93
4			p-Cymene	134	C10H14	000099-87-6	93
5			1,3,8-p-Menthatriene	134	C10H14	018368-95-1	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

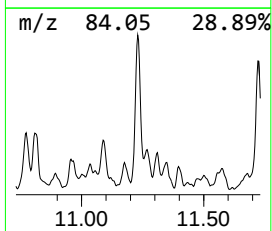
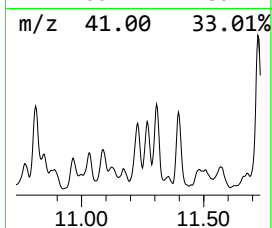
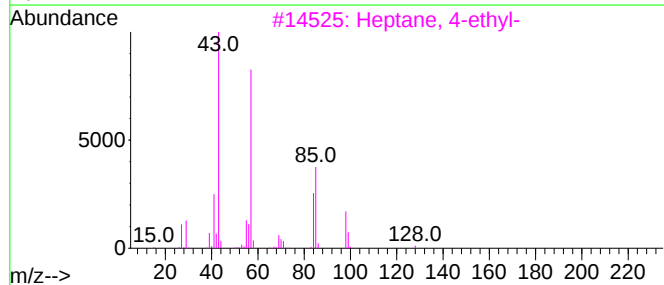
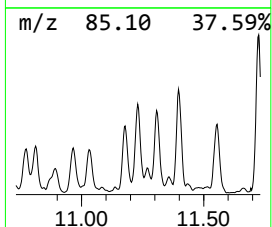
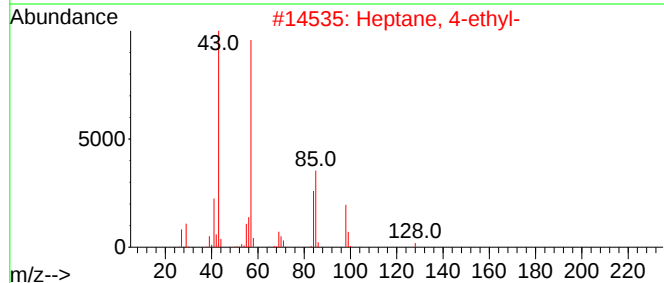
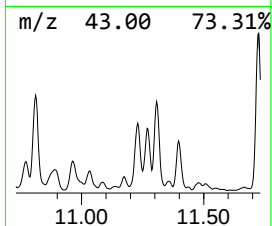
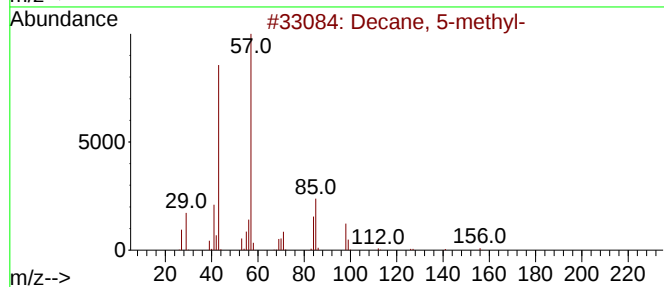
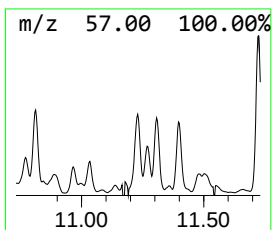
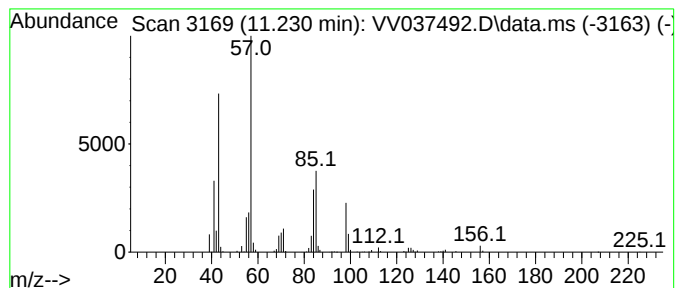
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Quant Title : VOC Analysis

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.230	7.25 ug/L	370763	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 5-methyl-	156	C11H24	013151-35-4	90
2			Heptane, 4-ethyl-	128	C9H20	002216-32-2	87
3			Heptane, 4-ethyl-	128	C9H20	002216-32-2	64
4			Nonane, 2,5-dimethyl-	156	C11H24	017302-27-1	62
5			Decane, 5-methyl-	156	C11H24	013151-35-4	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

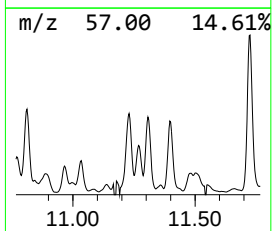
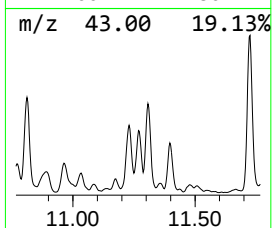
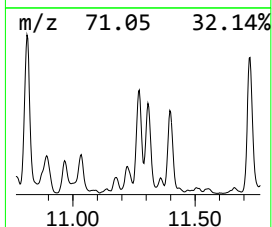
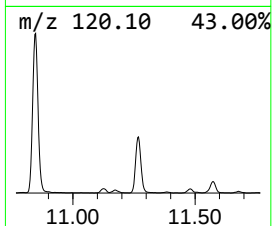
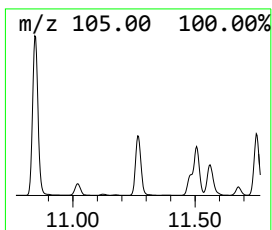
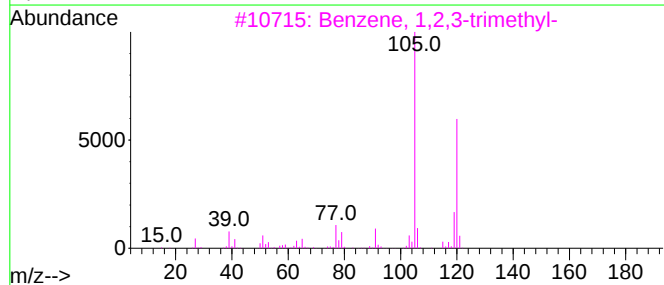
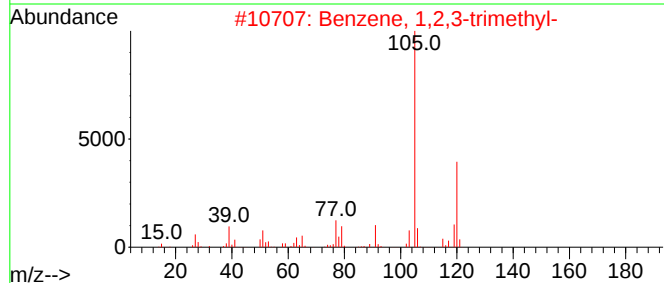
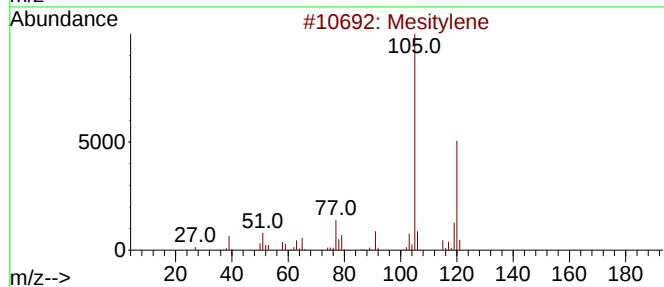
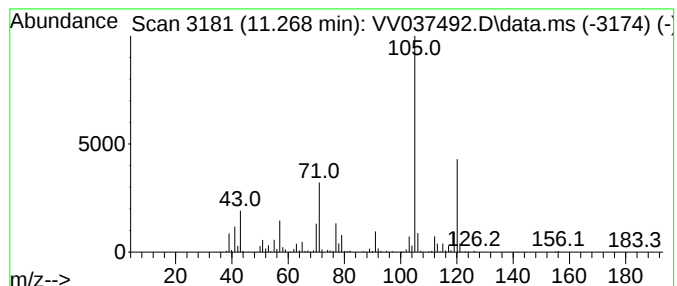
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Quant Title : VOC Analysis

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

Peak Number 20 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.268	16.19 ug/L	828181	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Mesitylene	120	C9H12	000108-67-8	95
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4			Mesitylene	120	C9H12	000108-67-8	93
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	89



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

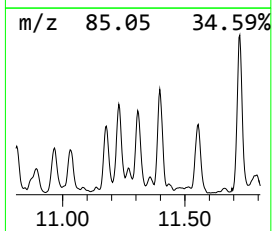
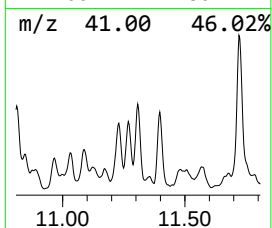
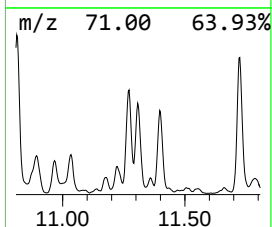
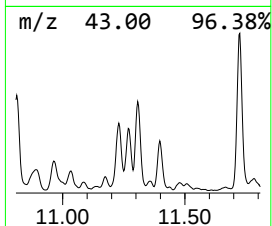
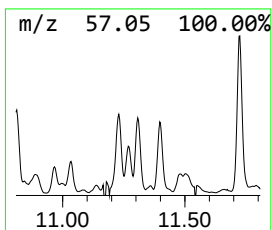
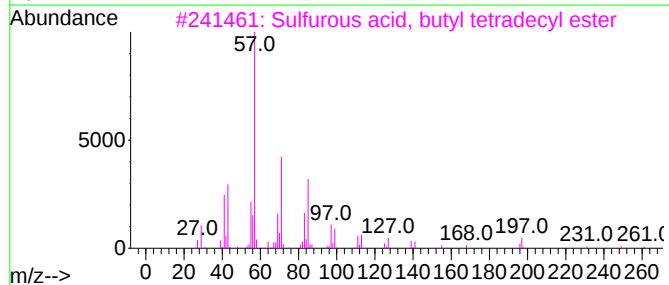
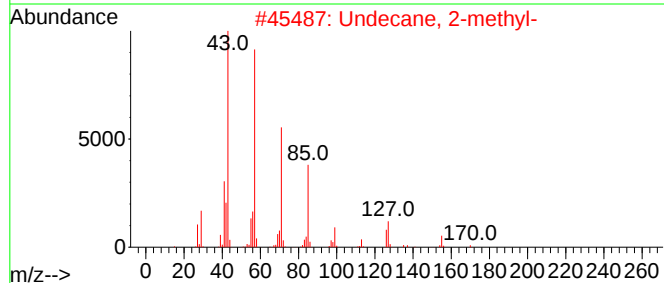
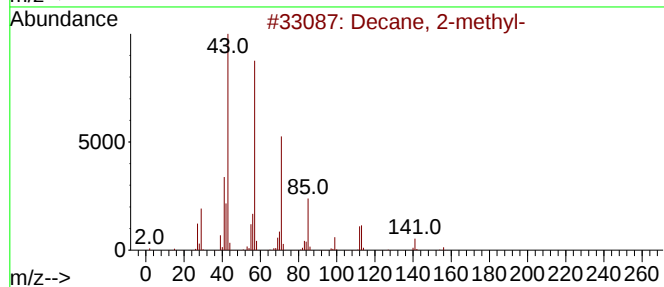
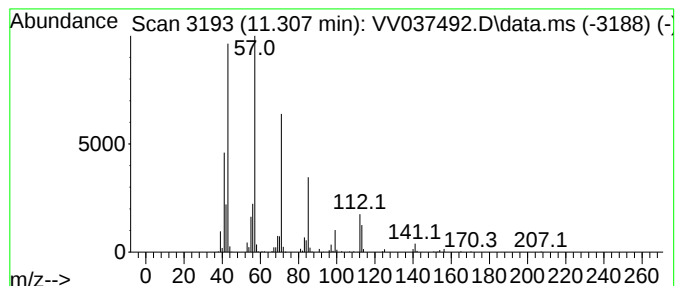
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Quant Title : VOC Analysis

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.307	7.07 ug/L	361554	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	91
2			Undecane, 2-methyl-	170	C12H26	007045-71-8	72
3			Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1010309-18-1	64
4			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	59
5			Bacchotricuneatin c	342	C20H22O5	066563-30-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

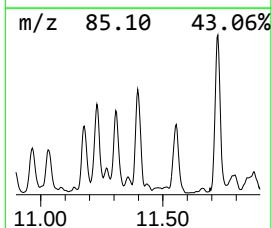
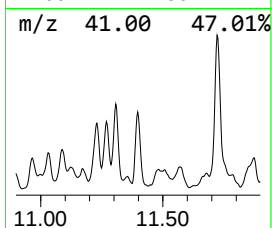
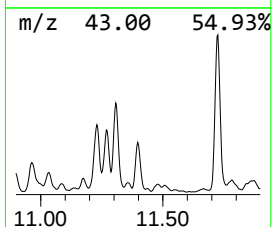
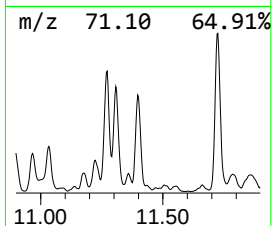
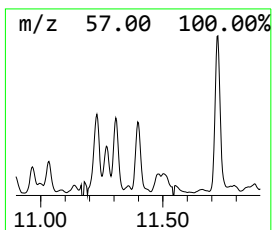
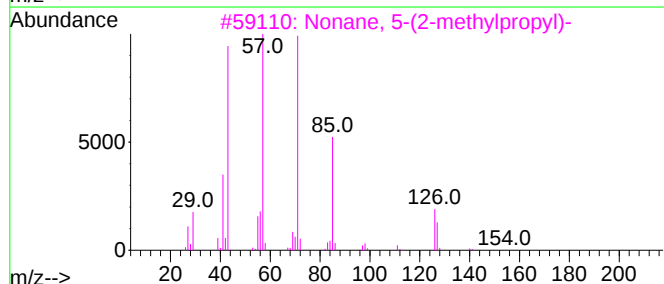
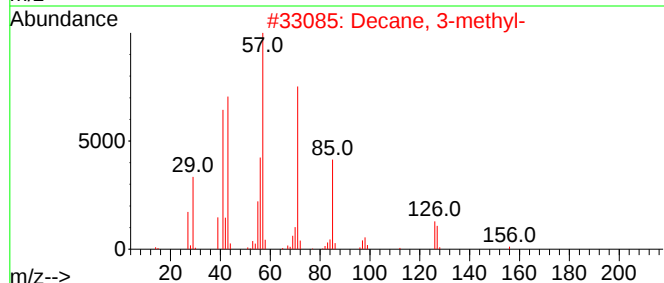
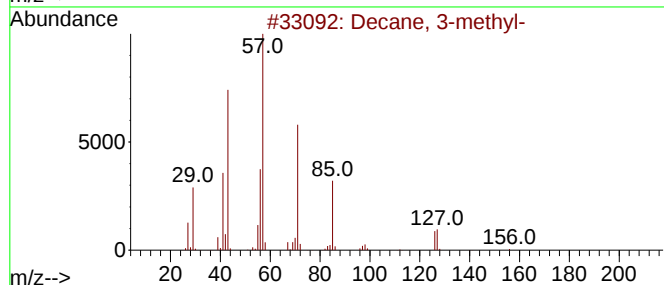
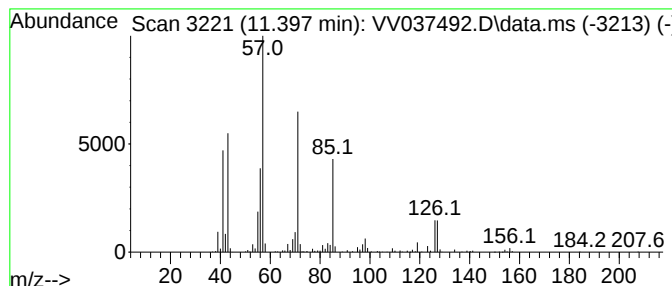
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Quant Title : VOC Analysis

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.397	7.37 ug/L	376919	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	83
2			Decane, 3-methyl-	156	C11H24	013151-34-3	64
3			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53
4			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	50
5			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

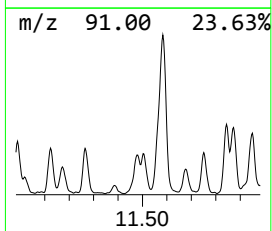
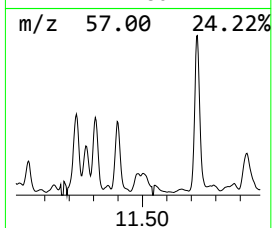
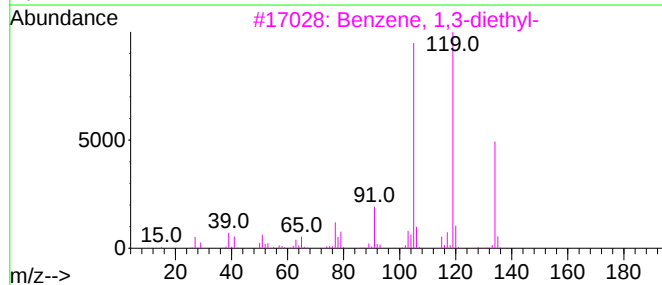
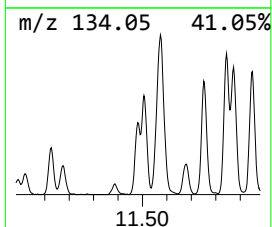
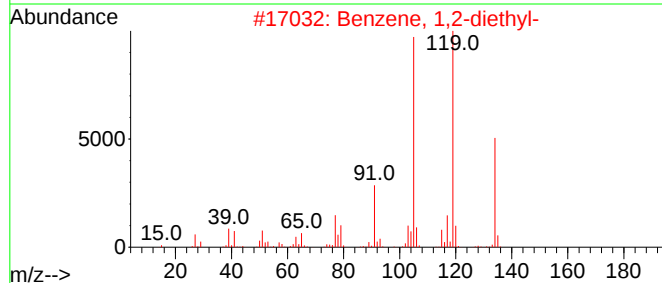
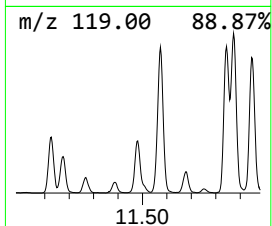
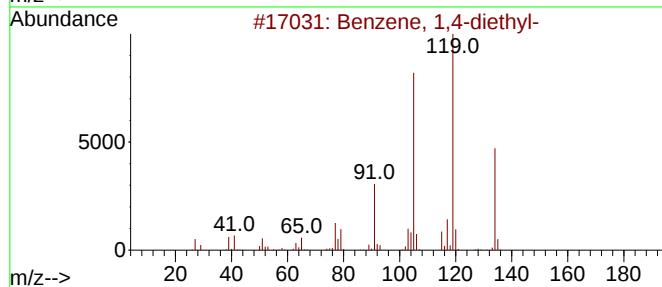
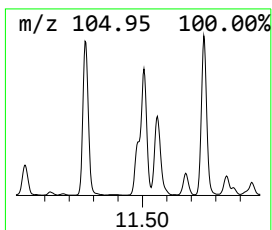
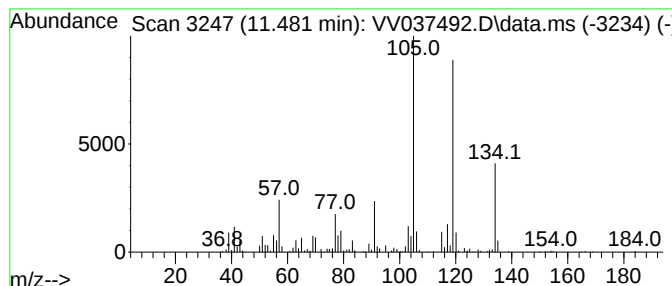
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Quant Title : VOC Analysis

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

Peak Number 23 Benzene, 1,4-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.481	7.77 ug/L	397305	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
4			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
5			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

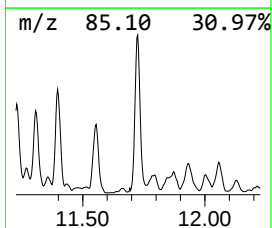
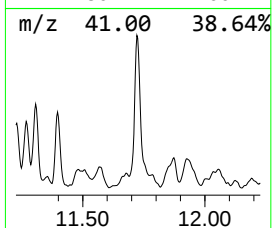
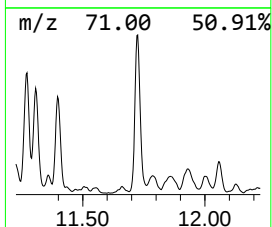
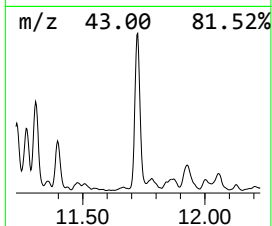
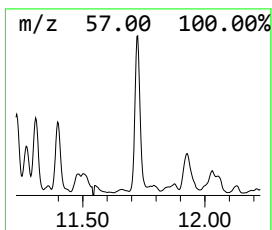
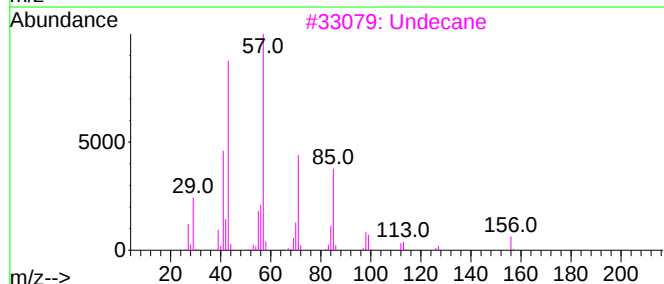
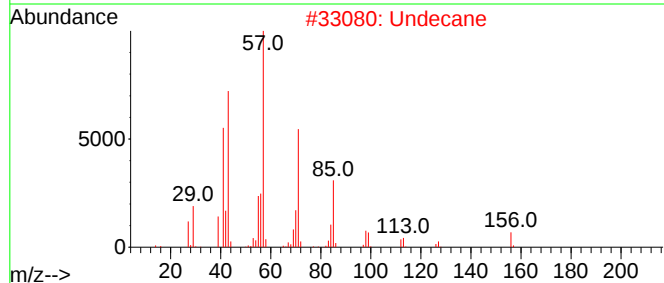
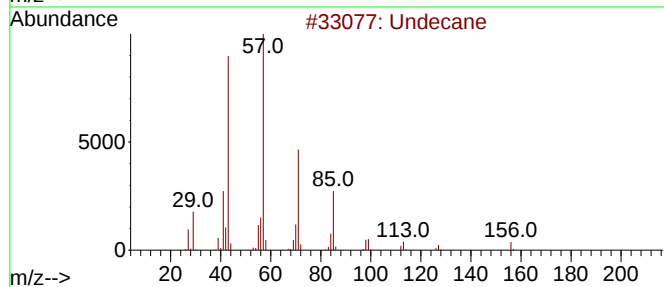
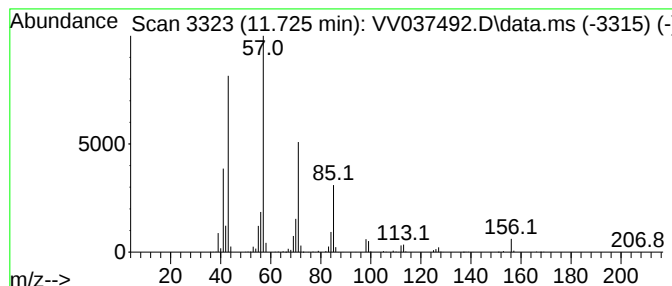
Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.725	12.89 ug/L	659630	1,4-Dichlorobenzene-d4		11.178	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	97
2	Undecane		156	C11H24	001120-21-4	96
3	Undecane		156	C11H24	001120-21-4	93
4	Undecane		156	C11H24	001120-21-4	91
5	Undecane		156	C11H24	001120-21-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

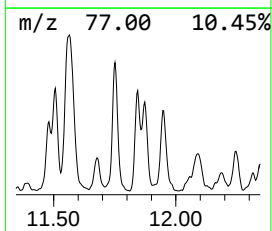
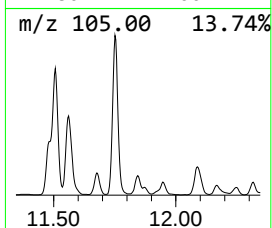
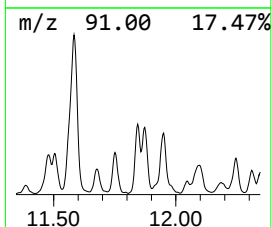
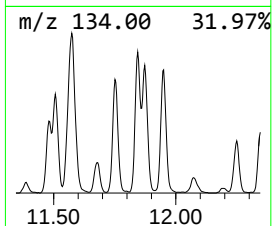
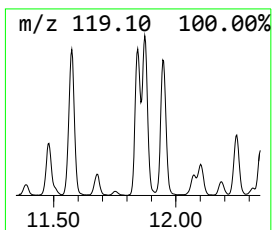
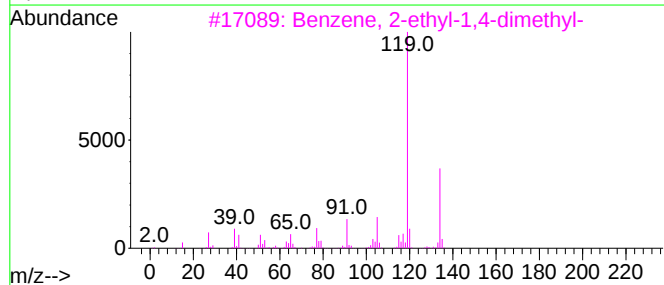
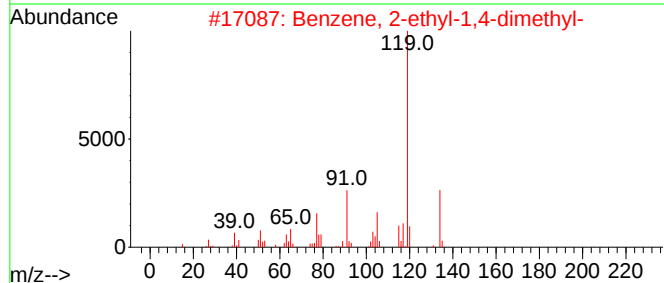
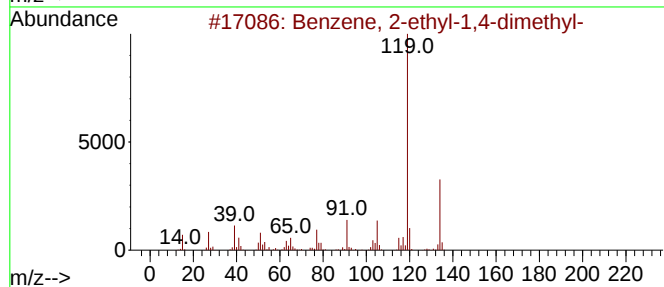
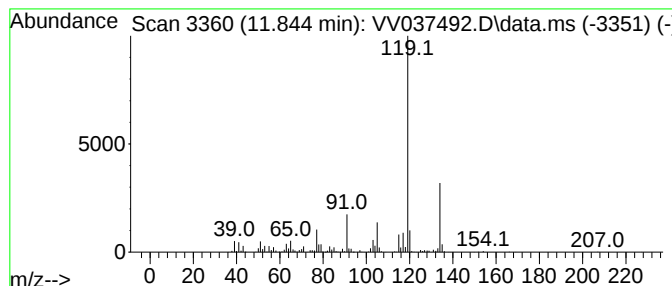
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Quant Title : VOC Analysis

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

Peak Number 26 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.844	9.78 ug/L	500476	1,4-Dichlorobenzene-d4	11.178

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

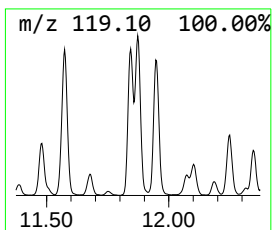
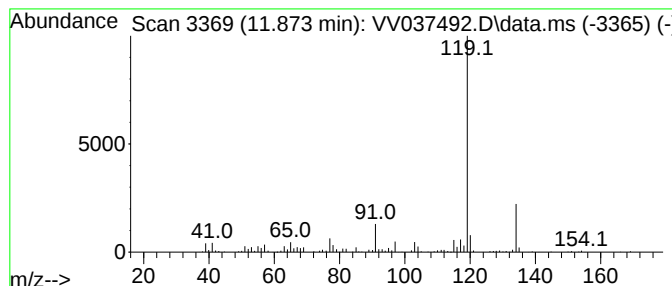
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Quant Title : VOC Analysis

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

Peak Number 27 o-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.873	9.96 ug/L	509450	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	94
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4			p-Cymene	134	C10H14	000099-87-6	91
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

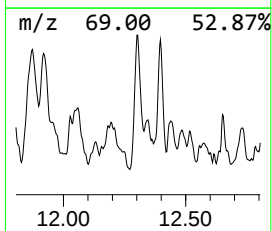
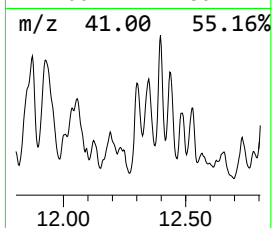
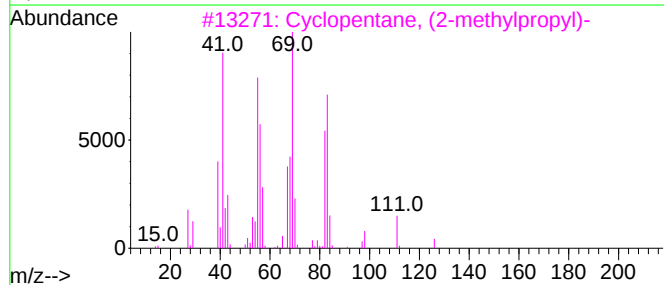
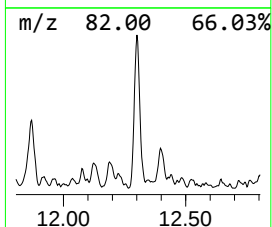
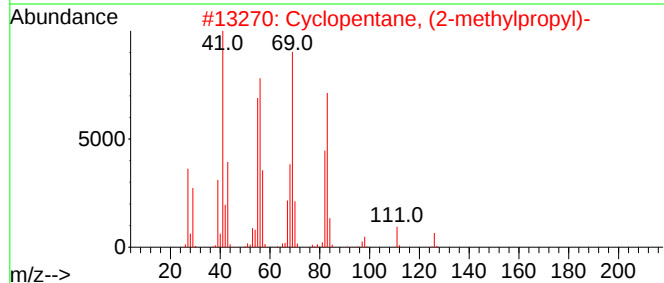
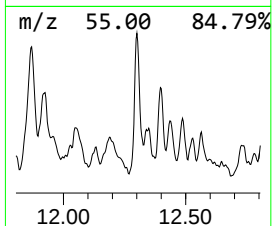
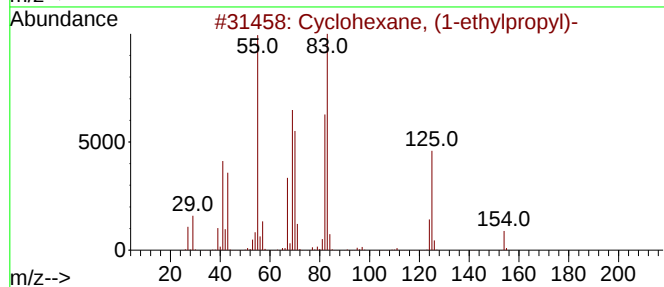
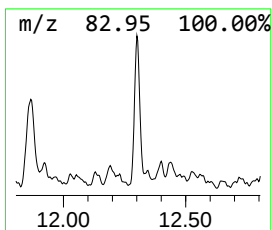
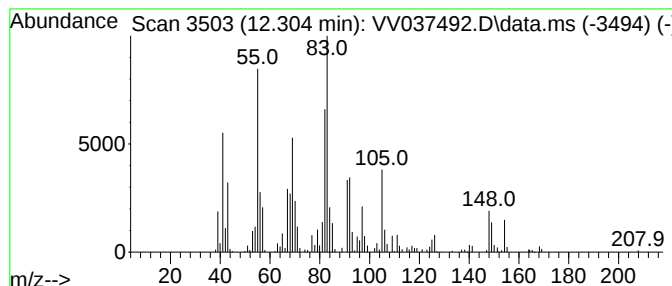
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Quant Title : VOC Analysis

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

Peak Number 32 (DEL) Alkane: Cyclic12.304 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	4.79 ug/L	245166	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-ethylpropyl)-	154	C11H22	026321-98-2	55
2			Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	49
3			Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	46
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	46
5			(2-Methylbutyl)cyclohexane	154	C11H22	054105-77-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

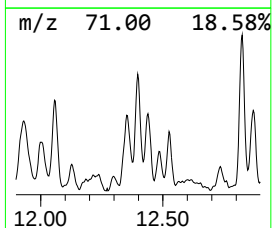
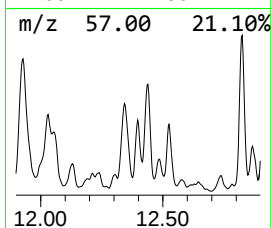
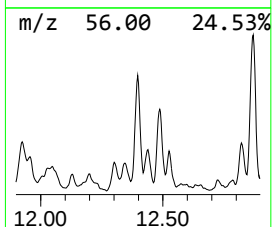
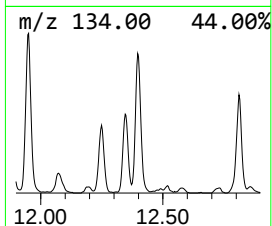
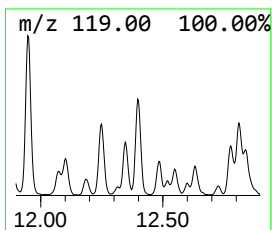
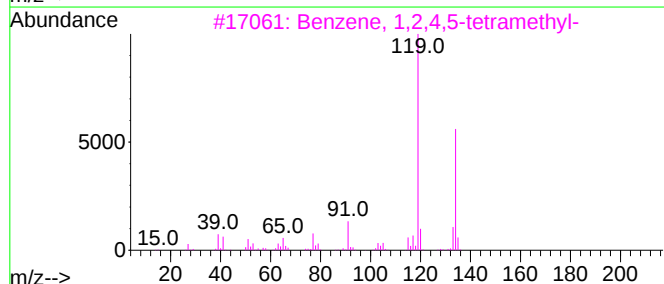
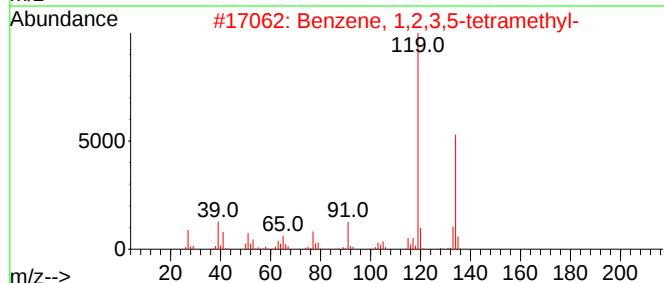
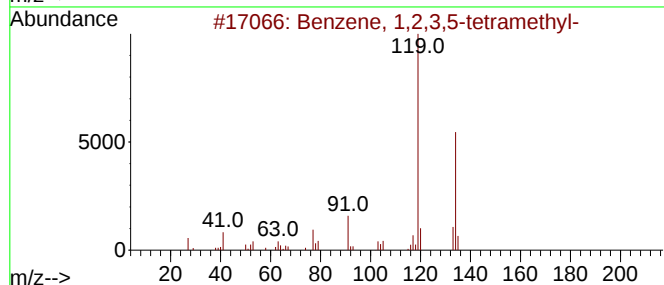
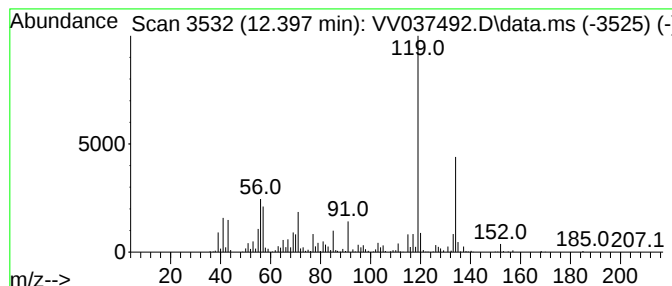
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Quant Title : VOC Analysis

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

Peak Number 34 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.397	7.49 ug/L	383001	1,4-Dichlorobenzene-d4	11.178

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

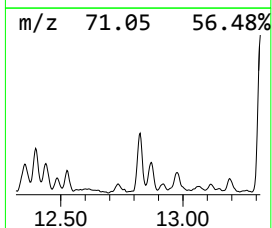
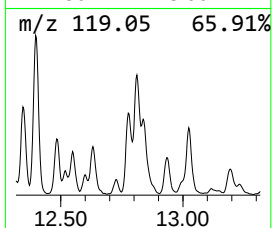
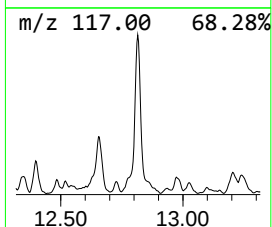
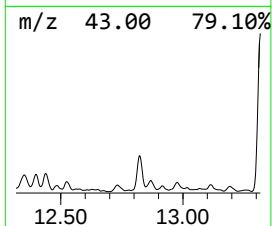
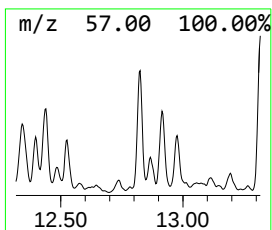
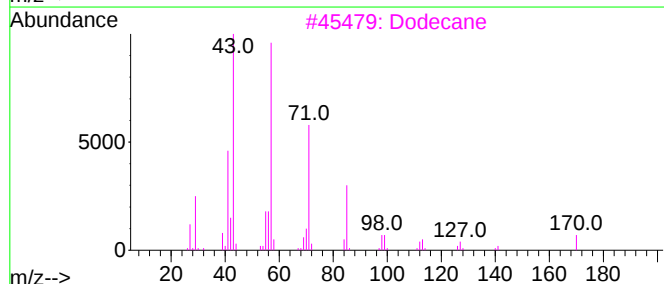
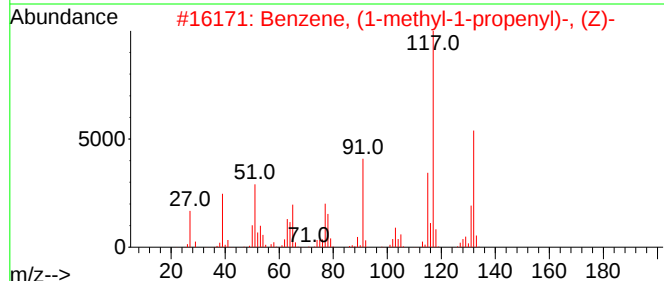
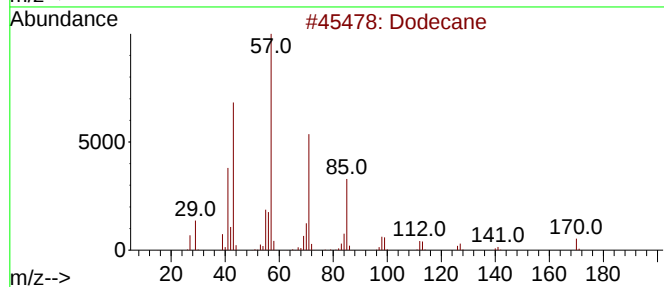
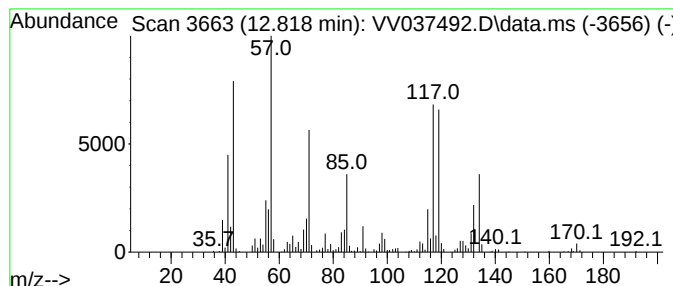
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Quant Title : VOC Analysis

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.818	10.95 ug/L	560072	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	83
2			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	38
3			Dodecane	170	C12H26	000112-40-3	38
4			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	38
5			Nonane	128	C9H20	000111-84-2	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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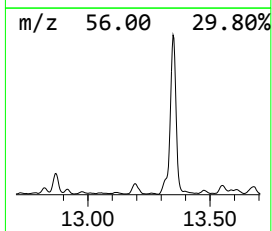
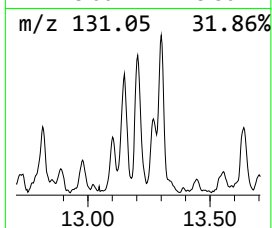
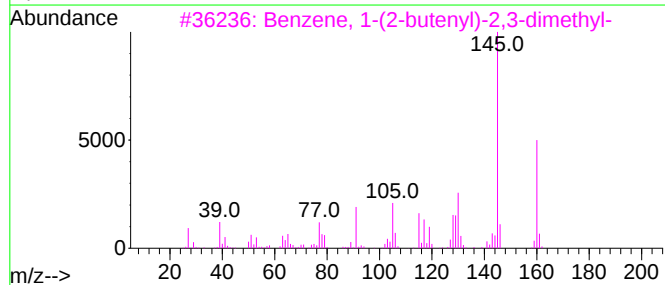
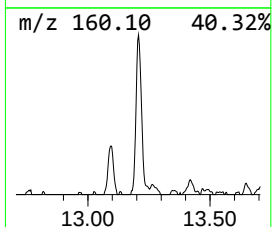
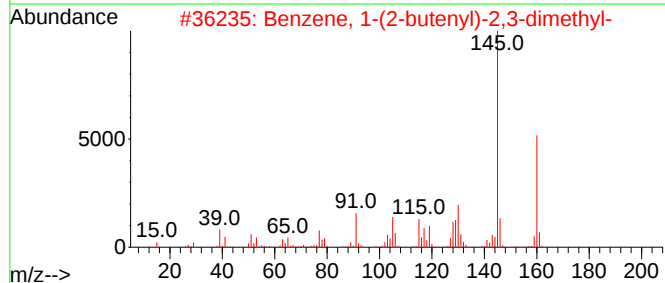
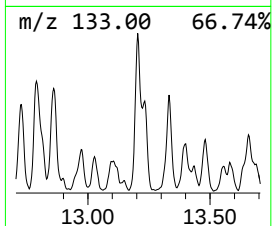
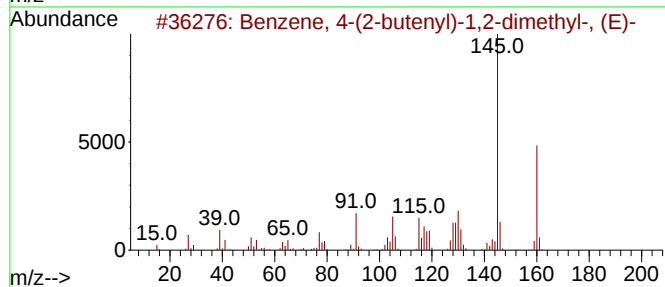
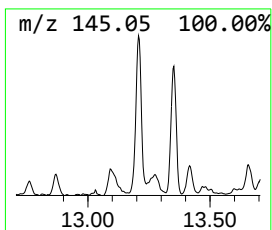
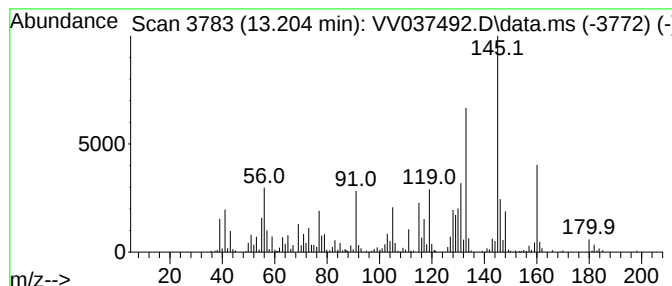
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Quant Title : VOC Analysis

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

Peak Number 41 Benzene, 4-(2-butenyl)-1,2-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	7.70 ug/L	393843	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	70
2			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	60
3			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	60
4			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	60
5			Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

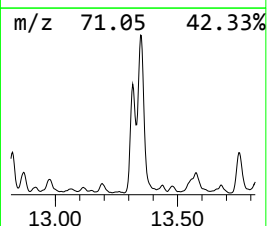
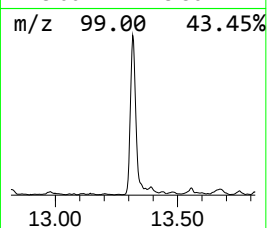
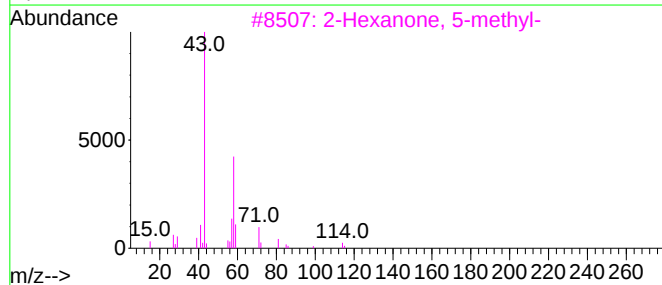
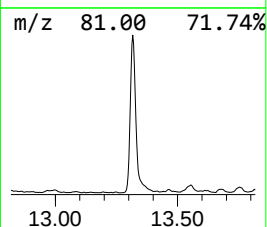
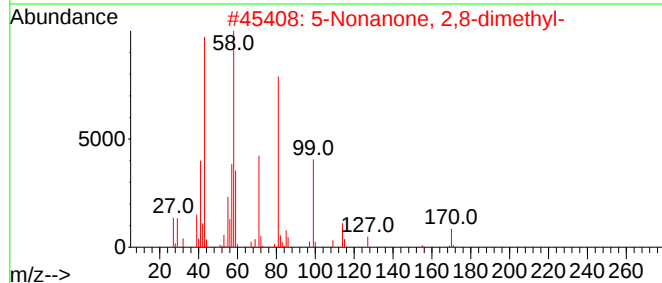
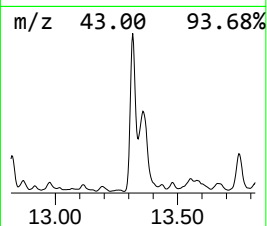
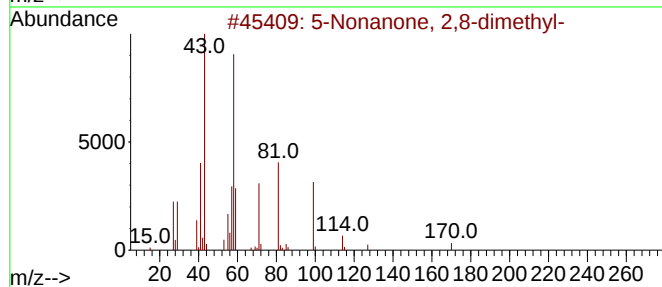
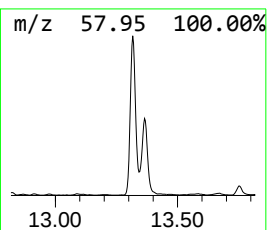
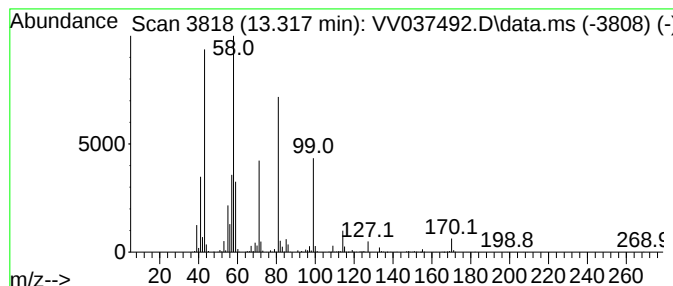
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Quant Title : VOC Analysis

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

Peak Number 42 5-Nonanone, 2,8-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.317	21.27 ug/L	1088150	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Nonanone, 2,8-dimethyl-	170	C11H22O	002050-99-9	91
2			5-Nonanone, 2,8-dimethyl-	170	C11H22O	002050-99-9	60
3			2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	52
4			Oxirane, 2-methyl-2-(1-methylethyl)-	100	C6H12O	072221-03-5	49
5			2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

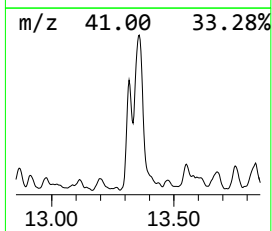
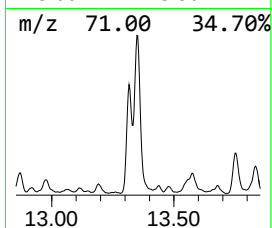
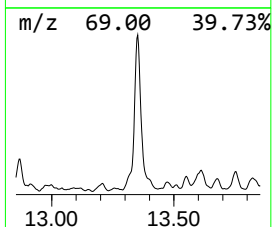
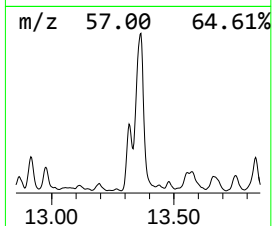
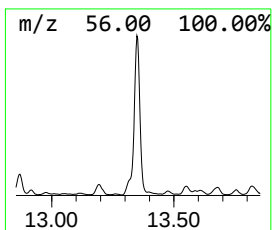
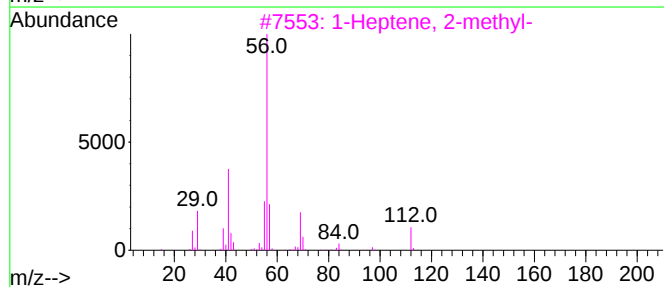
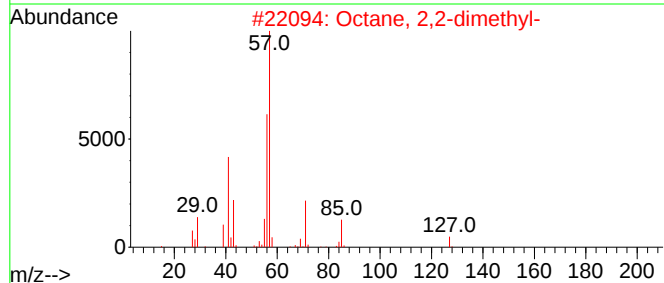
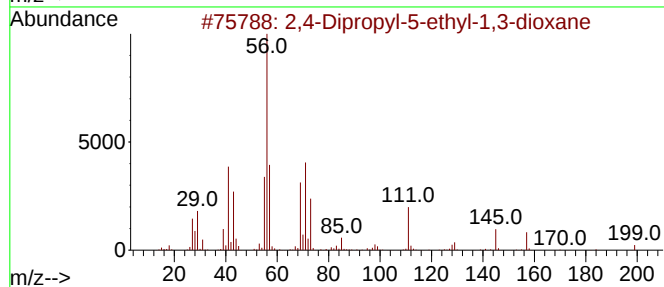
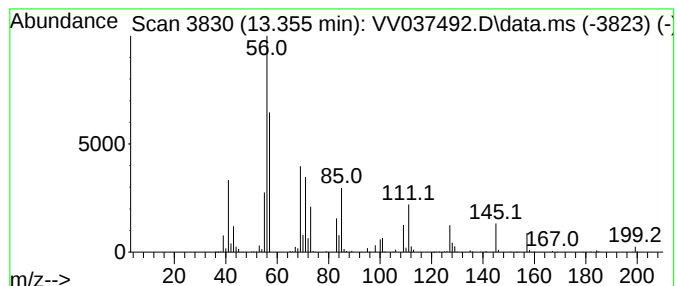
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Quant Title : VOC Analysis

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

Peak Number 43 2,4-Dipropyl-5-ethyl-1,3-di... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.355	35.84 ug/L	1833890	1,4-Dichlorobenzene-d4	11.178

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	72
2		Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	40
3		1-Heptene, 2-methyl-	112	C8H16	015870-10-7	27
4		2-Ethyl-cyclohexylamine	127	C8H17N	024216-90-8	25
5		Cyclooctanamine	127	C8H17N	005452-37-9	16



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

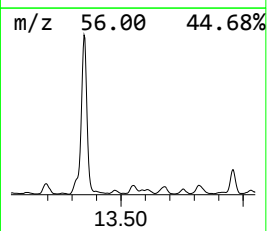
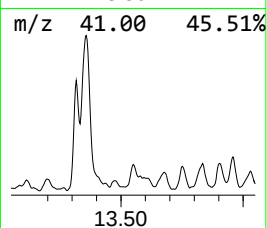
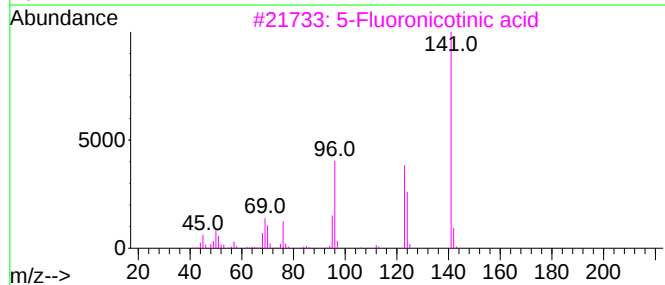
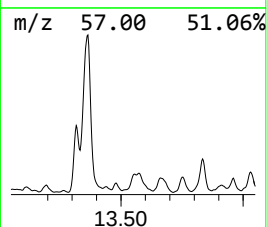
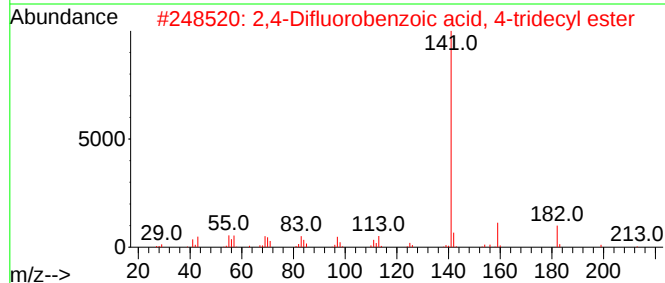
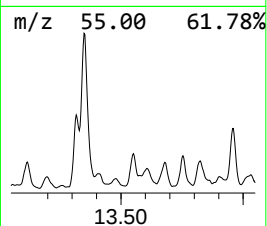
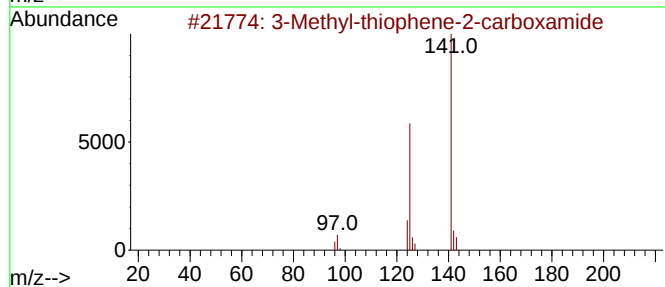
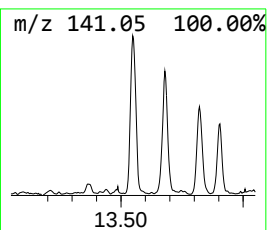
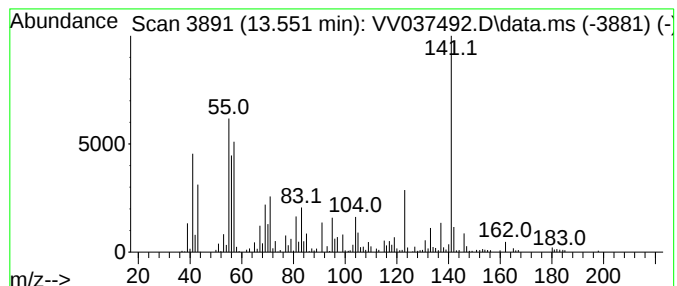
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Quant Title : VOC Analysis

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

Peak Number 44 3-Methyl-thiophene-2-carbox... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.551	5.41 ug/L	276667	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Methyl-thiophene-2-carboxamide	141	C6H7NOS	076655-99-7	50
2			2,4-Difluorobenzoic acid, 4-trid...	340	C20H30F2O2	1000338-56-9	43
3			5-Fluoronicotinic acid	141	C6H4FN02	000402-66-4	38
4			Succinic acid, naphth-2-ylmethyl...	352	C21H17F04	1000390-34-2	38
5			2-Fluorobenzoic acid. heptadecyl...	378	C24H39F02	1000282-96-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

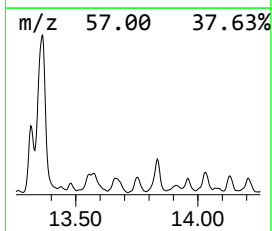
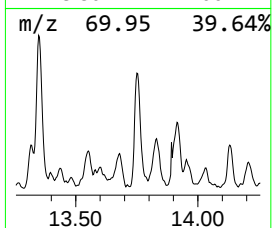
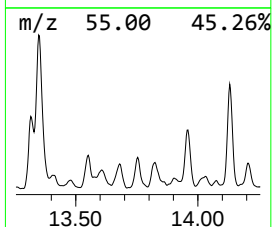
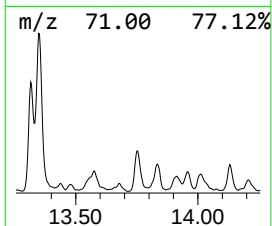
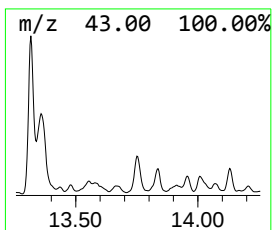
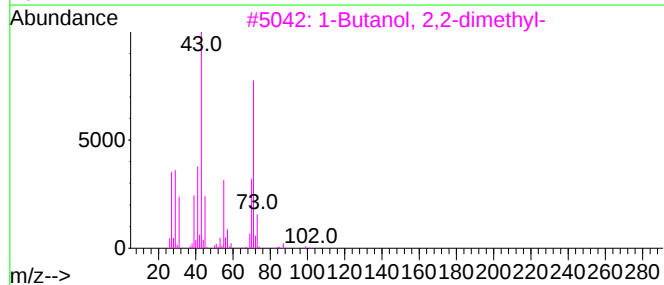
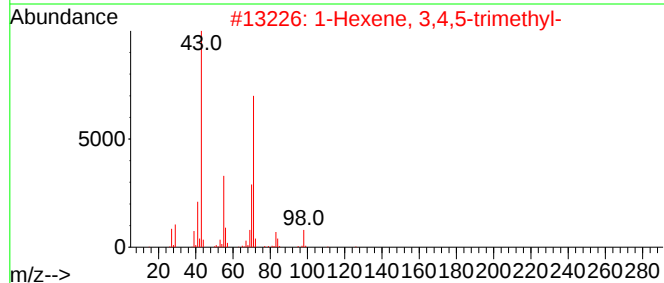
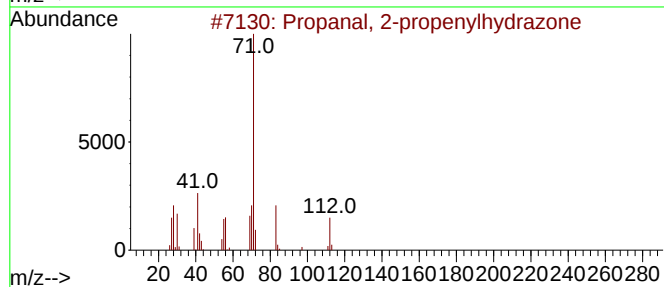
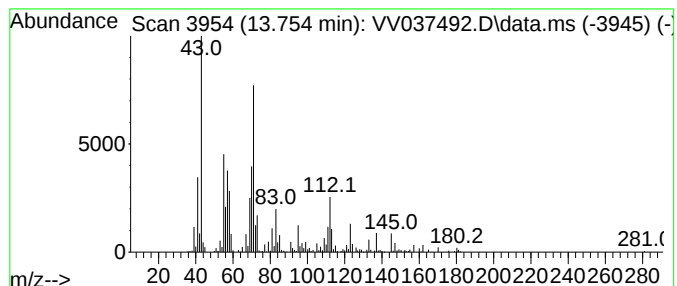
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Quant Title : VOC Analysis

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

Peak Number 45 Propanal, 2-propenylhydrazone Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.754	5.40 ug/L	276071	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanal, 2-propenylhydrazone	112	C6H12N2	019031-78-8	50
2			1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	47
3			1-Butanol, 2,2-dimethyl-	102	C6H14O	001185-33-7	47
4			4-Methyl-3-heptanol, chlorodiflu...	242	C10H17ClF2O2	1000447-28-3	47
5			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

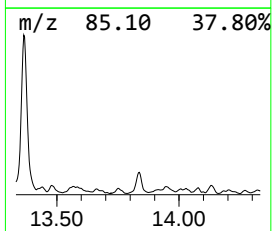
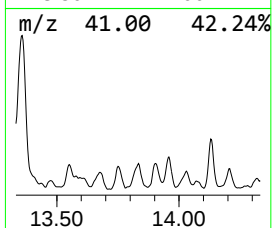
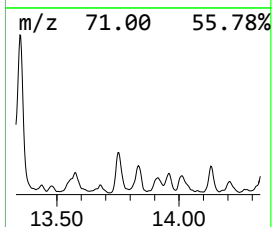
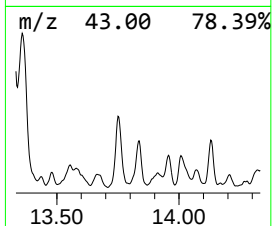
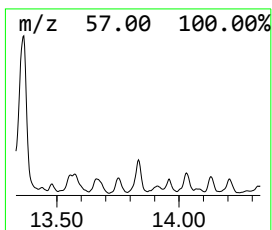
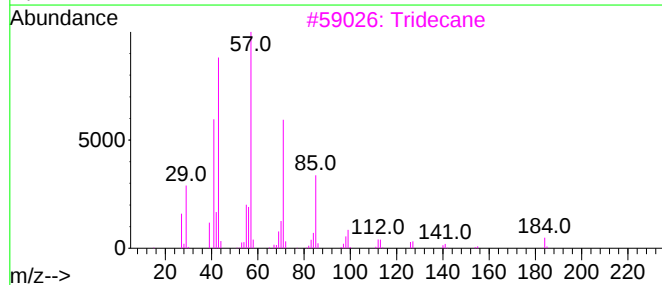
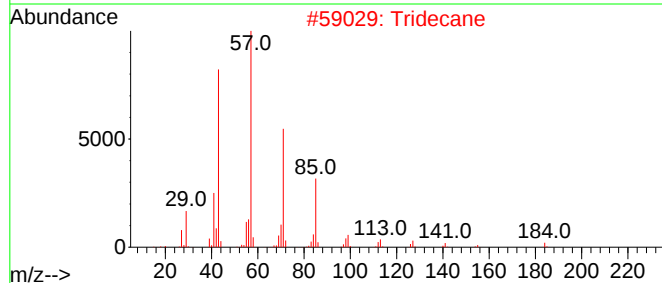
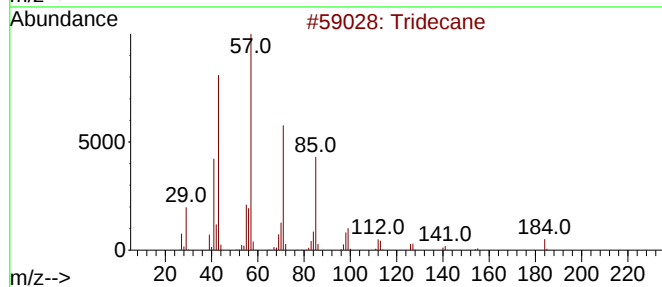
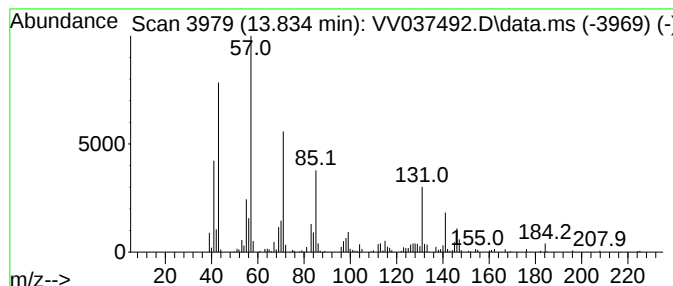
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Quant Title : VOC Analysis

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

Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.834	4.83 ug/L	246921	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	96
2			Tridecane	184	C13H28	000629-50-5	93
3			Tridecane	184	C13H28	000629-50-5	93
4			Hexadecane	226	C16H34	000544-76-3	64
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

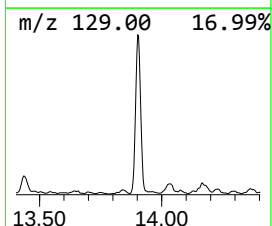
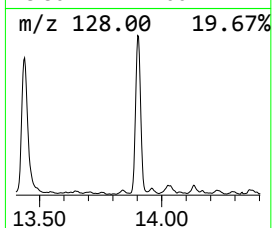
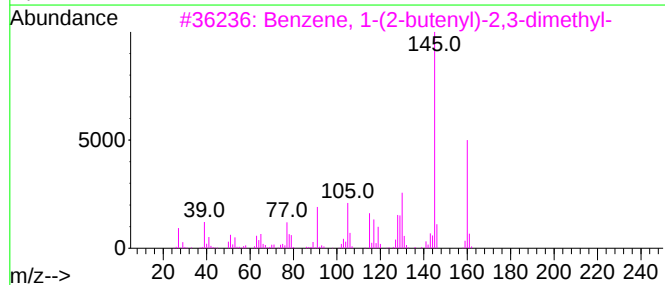
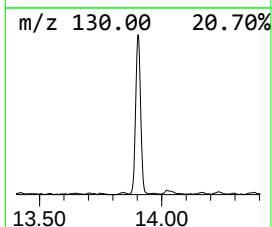
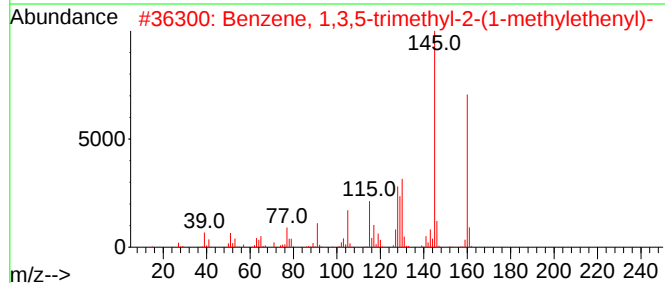
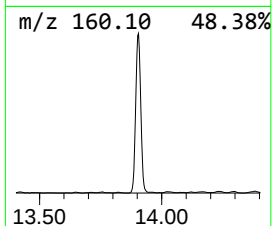
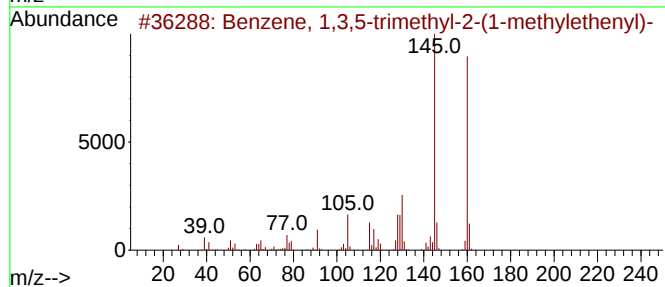
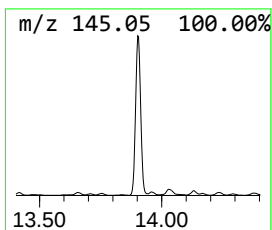
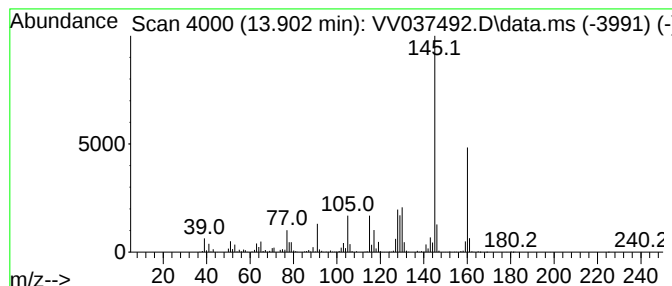
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Quant Title : VOC Analysis

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

Peak Number 47 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.902	28.24 ug/L	1444640	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	97
2			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	96
3			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	94
4			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	94
5			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

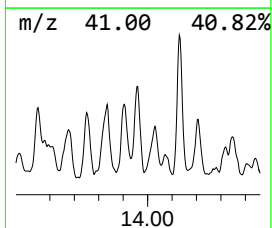
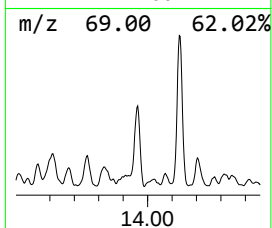
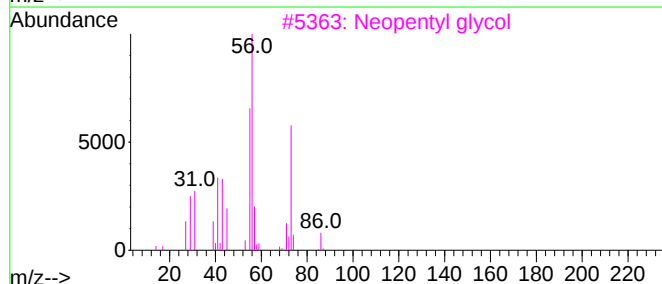
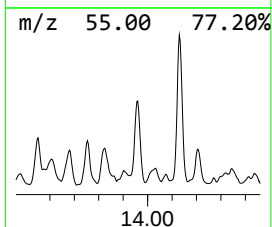
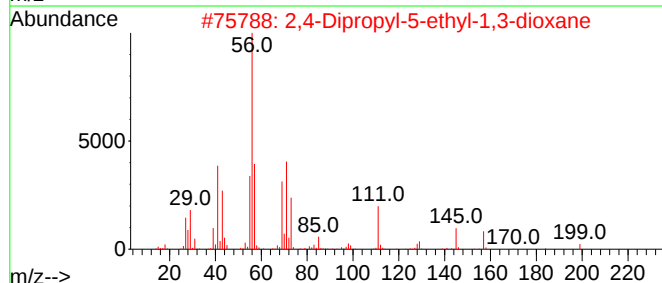
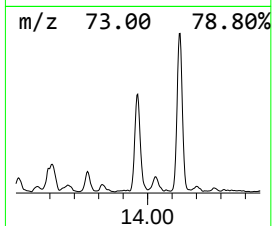
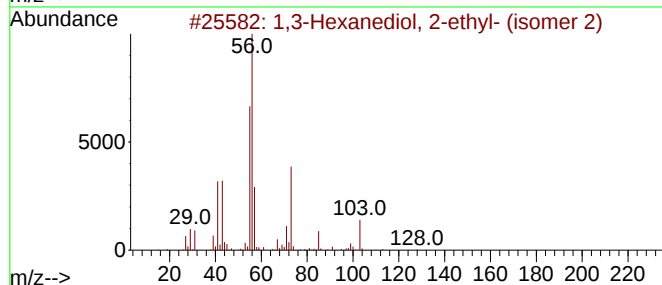
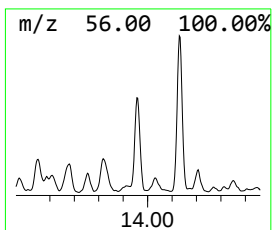
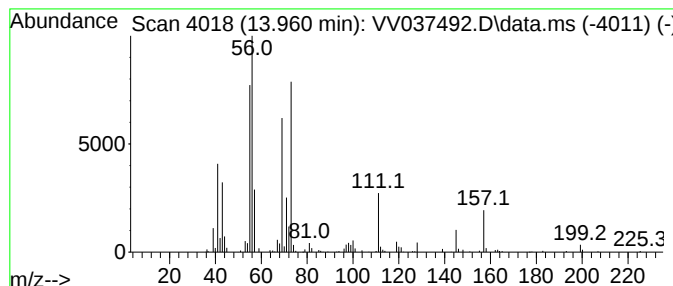
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Quant Title : VOC Analysis

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

Peak Number 48 1,3-Hexanediol, 2-ethyl- (i... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.960	5.37 ug/L	274716	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Hexanediol, 2-ethyl- (isomer 2)	146	C8H18O2	1000484-18-1	53		
2	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	42		
3	Neopentyl glycol	104	C5H12O2	000126-30-7	40		
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	27		
5	trans-2-Aminocyclohexanol	115	C6H13NO	006982-39-4	27		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

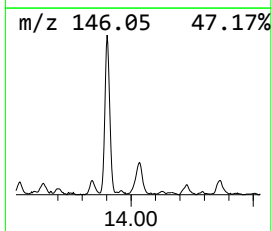
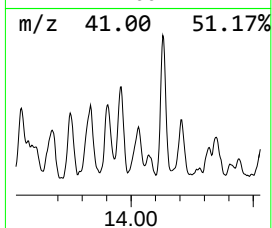
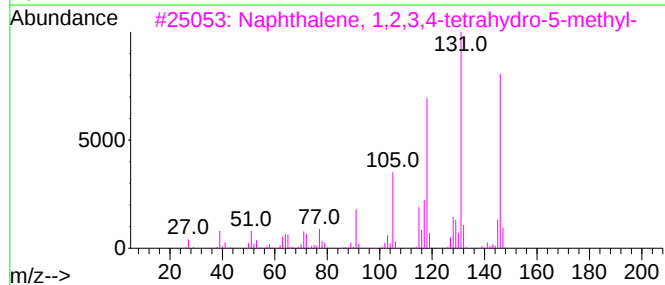
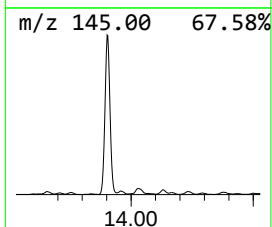
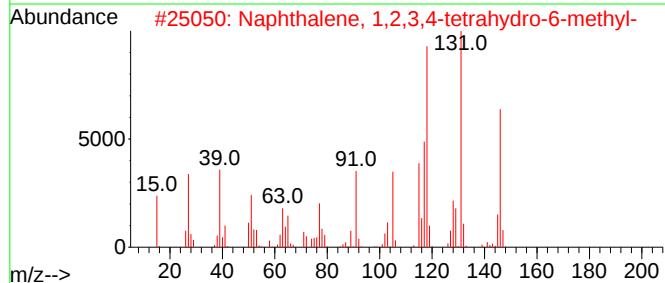
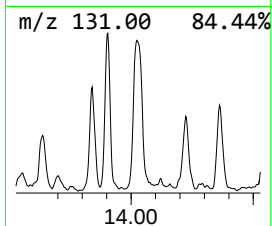
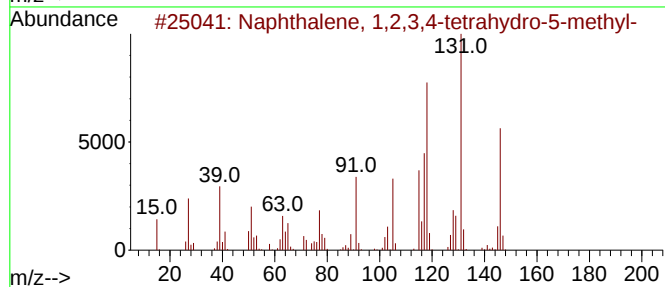
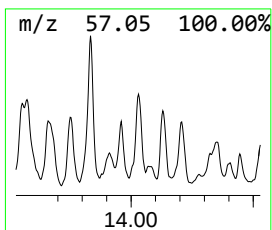
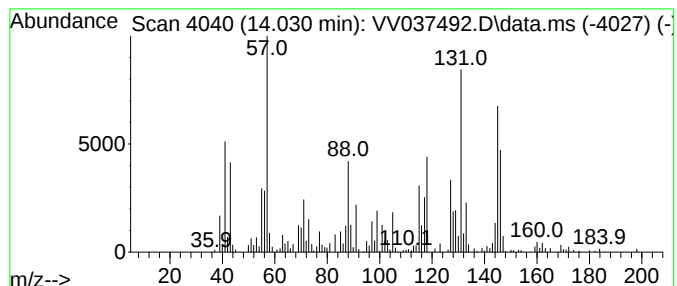
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Quant Title : VOC Analysis

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

Peak Number 49 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.030	6.45 ug/L	329965	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	55
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	55
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	46
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	46
5			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

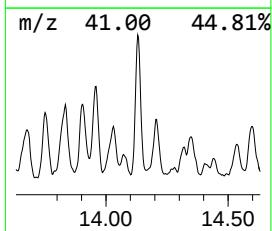
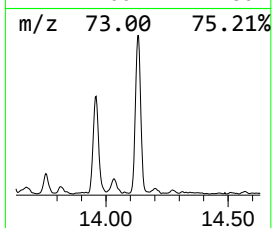
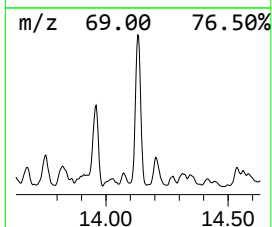
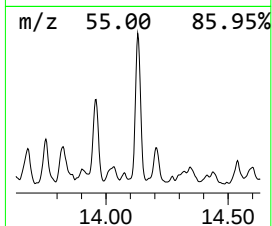
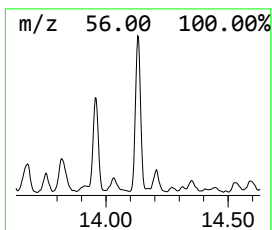
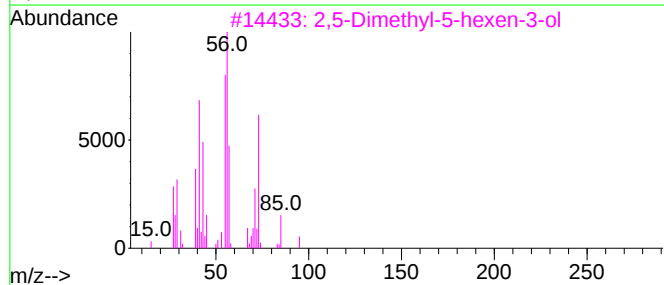
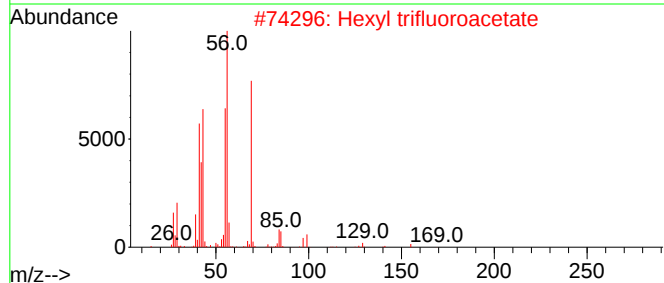
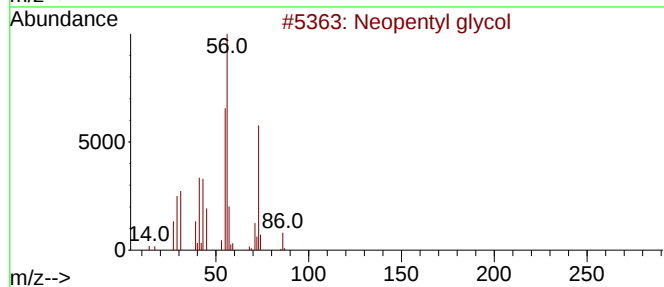
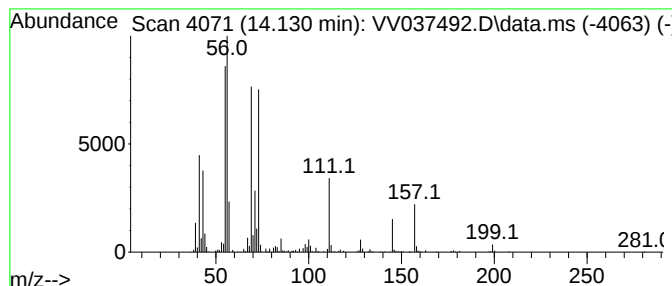
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Quant Title : VOC Analysis

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

Peak Number 50 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.130	8.12 ug/L	415371	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Neopentyl glycol	104	C5H12O2	000126-30-7	38
2			Hexyl trifluoroacetate	198	C8H13F3O2	000400-61-3	38
3			2,5-Dimethyl-5-hexen-3-ol	128	C8H16O	067760-91-2	37
4			Undecanol-4	172	C11H24O	004272-06-4	35
5			Neopentyl glycol	104	C5H12O2	000126-30-7	32



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

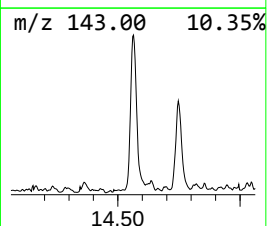
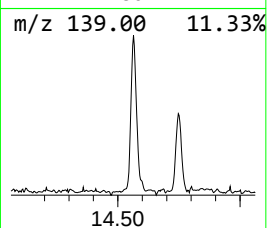
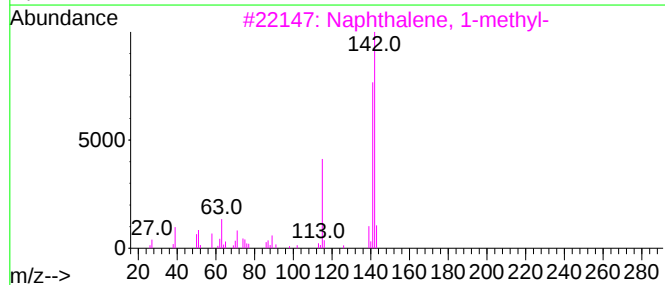
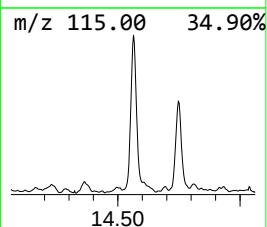
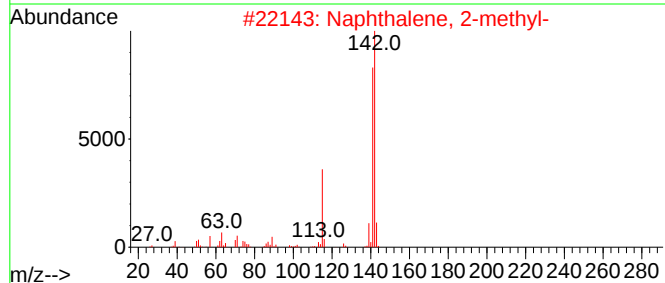
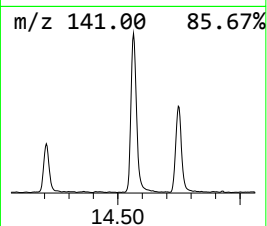
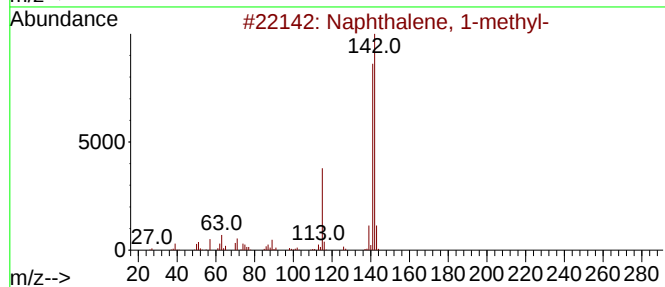
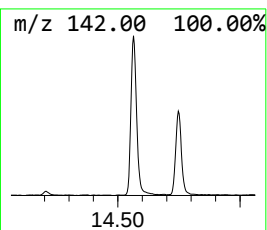
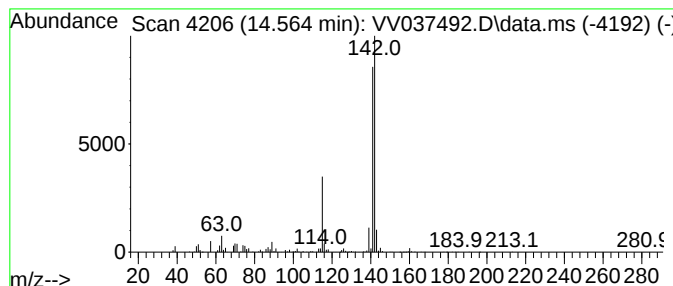
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Quant Title : VOC Analysis

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

Peak Number 52 Naphthalene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.564	9.85 ug/L	503943	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

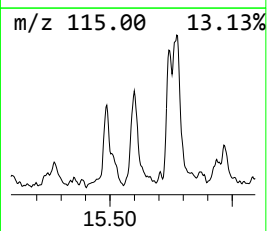
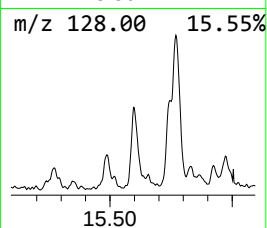
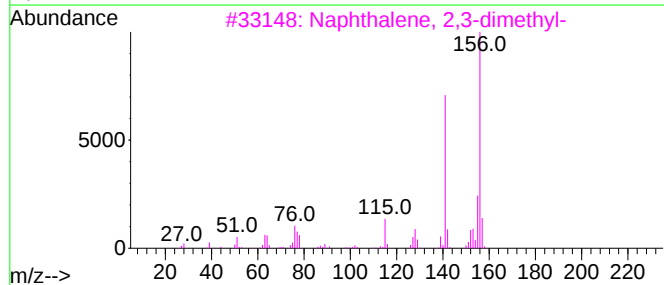
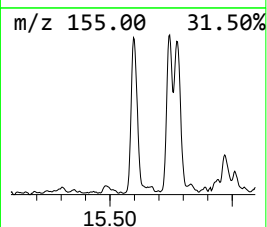
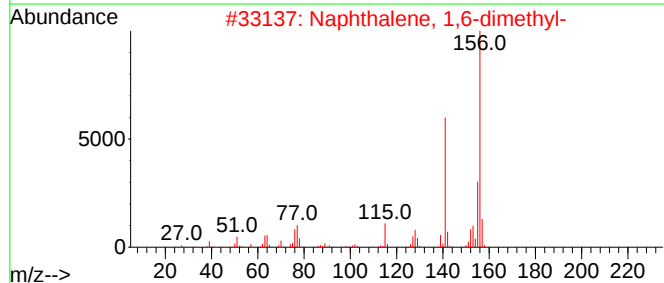
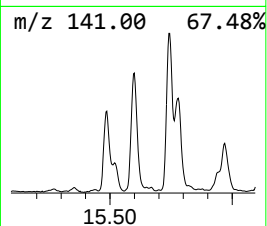
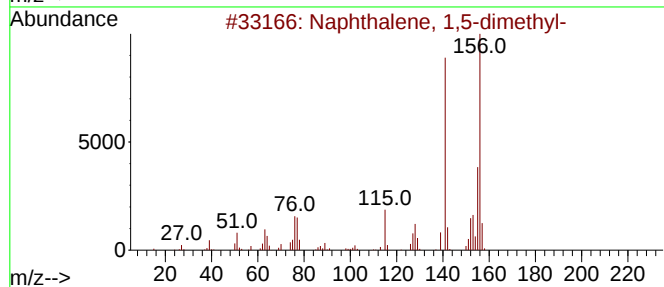
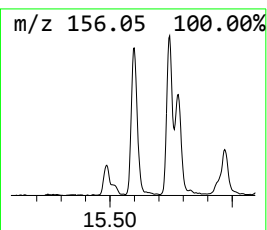
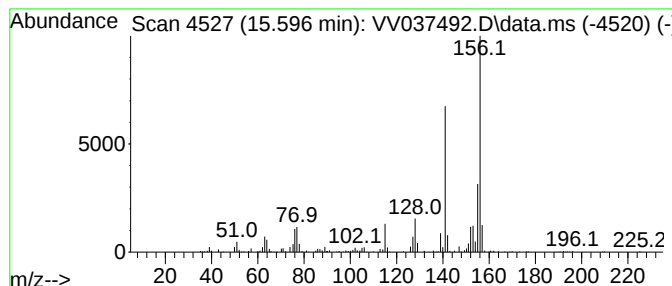
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Quant Title : VOC Analysis

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

Peak Number 54 Naphthalene, 1,5-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.596	5.57 ug/L	284921	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
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\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

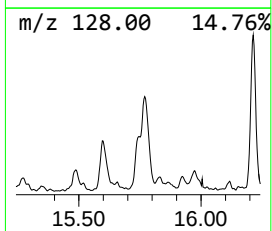
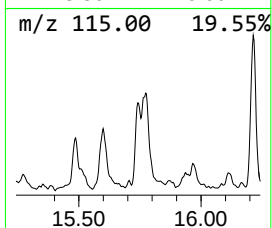
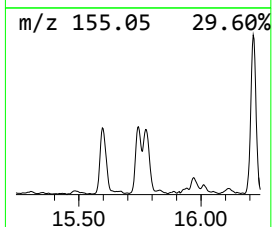
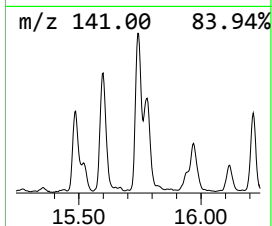
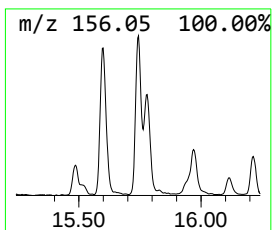
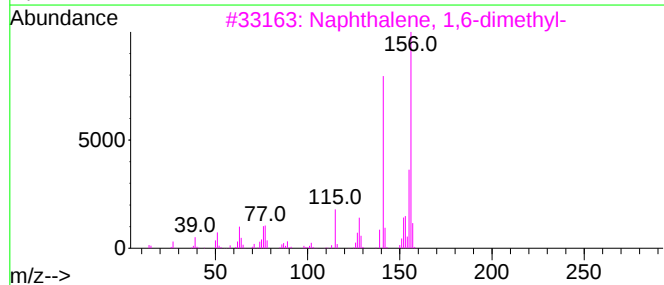
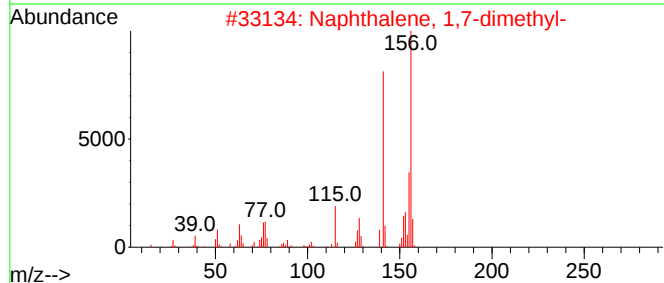
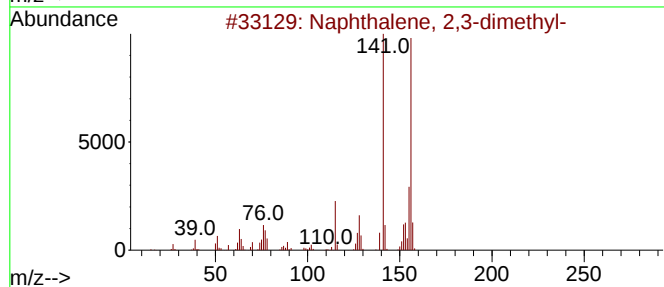
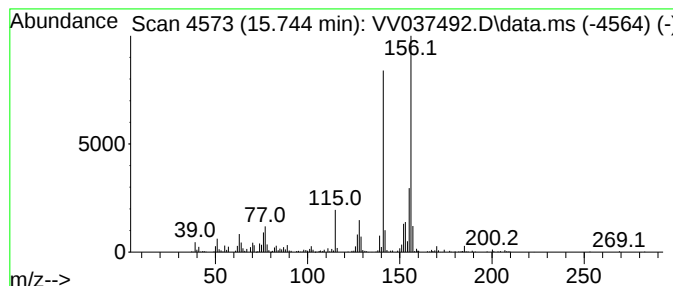
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Quant Title : VOC Analysis

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

Peak Number 55 Naphthalene, 2,3-dimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.744	4.52 ug/L	231276	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

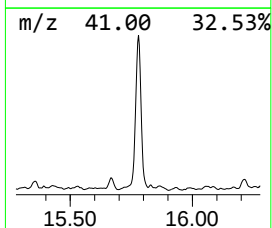
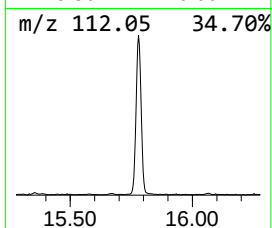
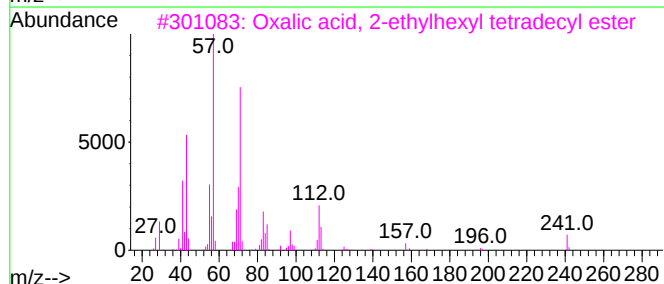
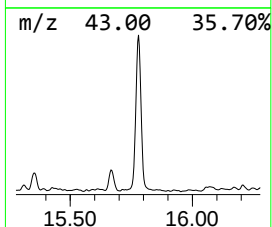
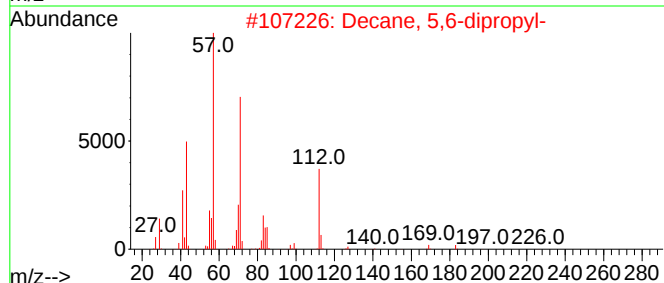
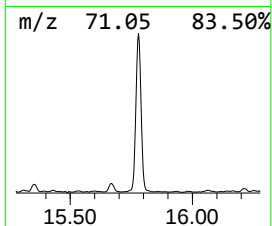
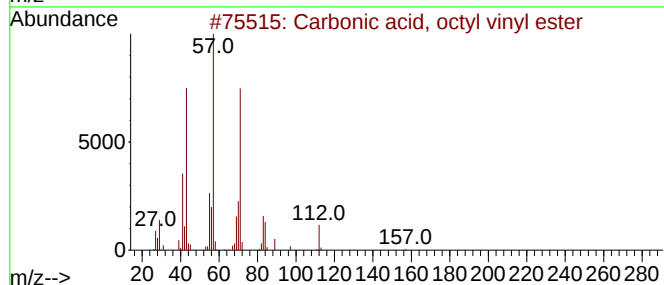
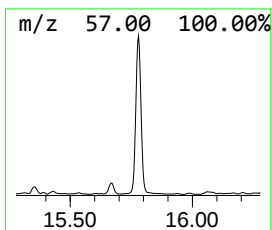
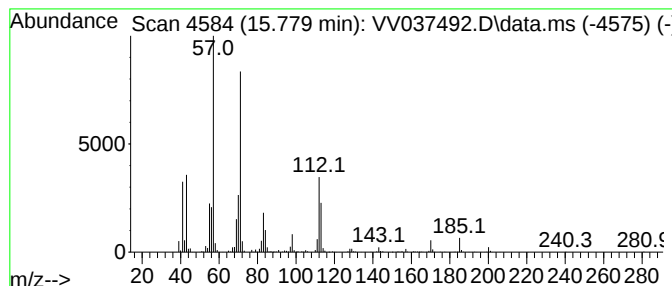
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Quant Title : VOC Analysis

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

Peak Number 56 Carbonic acid, octyl vinyl ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.779	36.58 ug/L	1871410	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, octyl vinyl ester	200	C11H20O3	1000383-25-5	64
2			Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	64
3			Oxalic acid, 2-ethylhexyl tetrad...	398	C24H46O4	1000309-39-7	59
4			Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	59
5			1-Decene, 3,4-dimethyl-	168	C12H24	050871-03-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

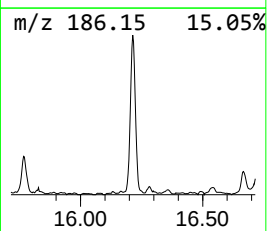
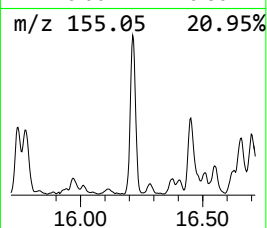
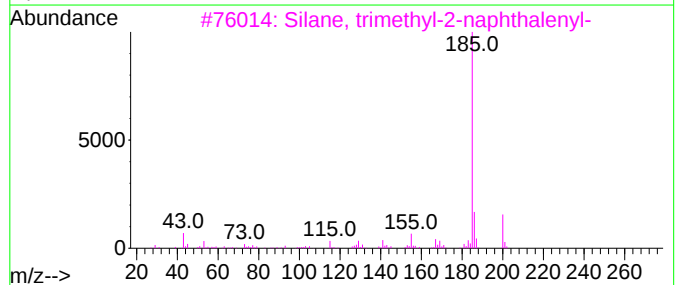
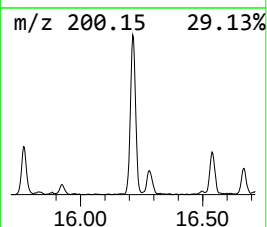
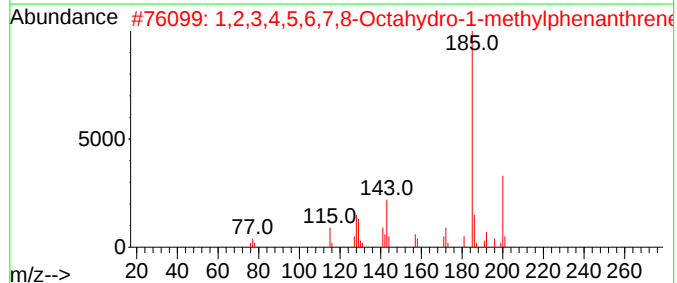
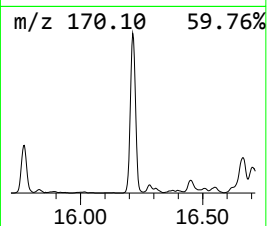
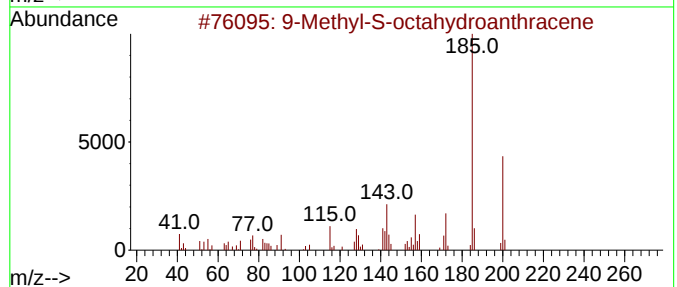
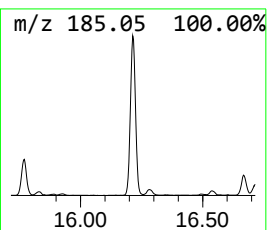
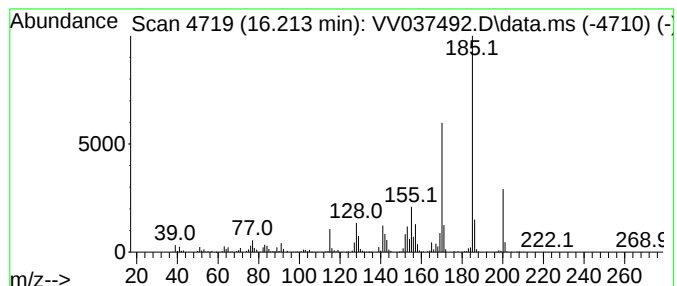
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Quant Title : VOC Analysis

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

Peak Number 57 9-Methyl-S-octahydroanthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.214	20.32 ug/L	1039780	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Methyl-S-octahydroanthracene	200	C15H20	004948-51-0	64
2			1,2,3,4,5,6,7,8-Octahydro-1-meth...	200	C15H20	1000080-19-4	60
3			Silane, trimethyl-2-naphthalenyl-	200	C13H16Si	018052-85-2	58
4			1H-Pyrazole, 5-(t-butyl)-3-phenyl-	200	C13H16N2	1000261-34-8	46
5			1-Methyl-1-n-pentyloxy-1-silacyc...	200	C11H24OSi	232270-61-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

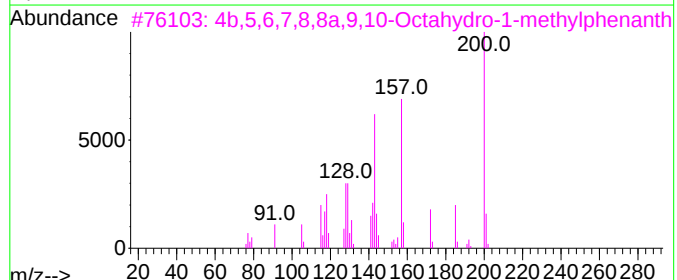
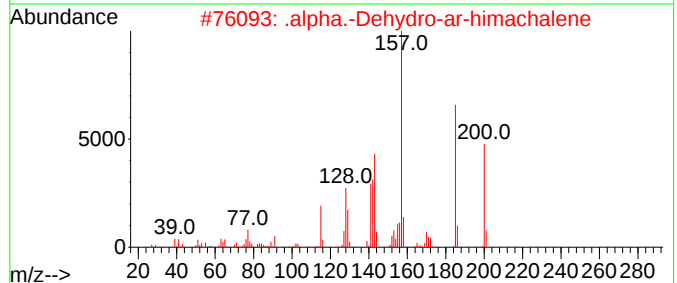
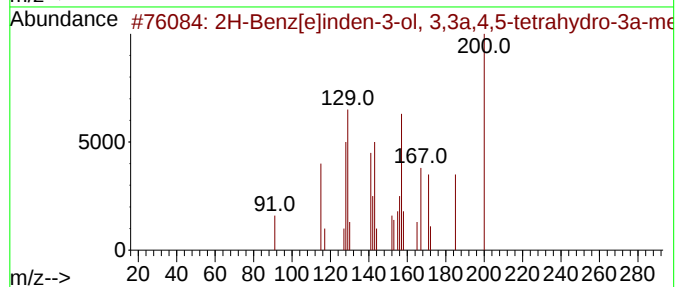
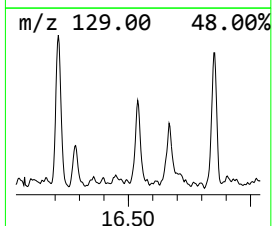
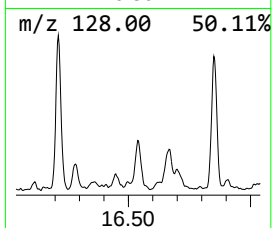
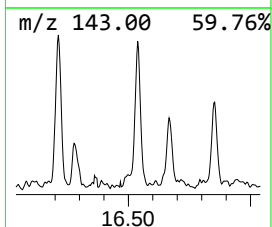
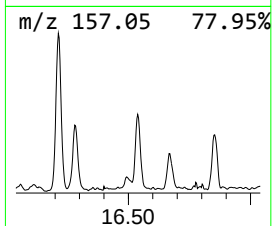
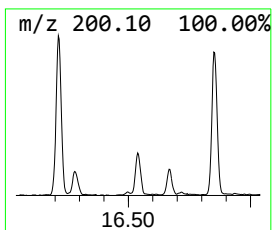
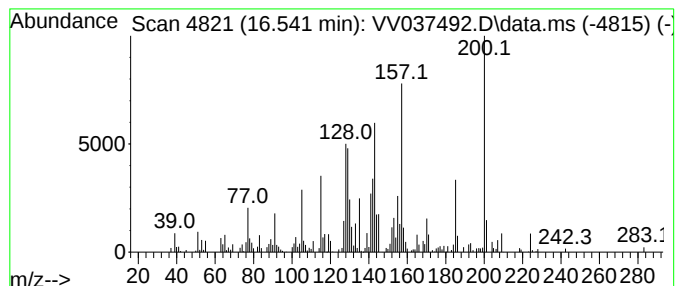
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Quant Title : VOC Analysis

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

Peak Number 59 2H-Benz[e]inden-3-ol, 3,3a,... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.541	4.26 ug/L	218206	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2H-Benz[e]inden-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	64
2			.alpha.-Dehydro-ar-himachalene	200	C15H20	078204-62-3	64
3			4b,5,6,7,8,8a,9,10-Octahydro-1-m...	200	C15H20	1000080-19-3	62
4			4-Phenyl-2-(2-oxopropyl)furan	200	C13H12O2	1000426-70-8	50
5			2-Naphthaleneacetaldehyde, 1,4-d...	228	C14H12O3	014348-64-2	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

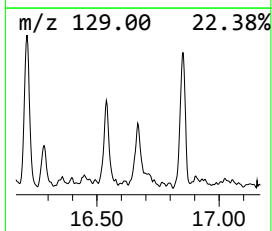
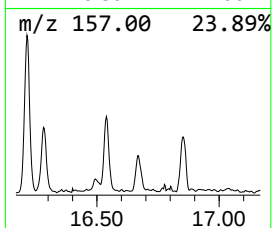
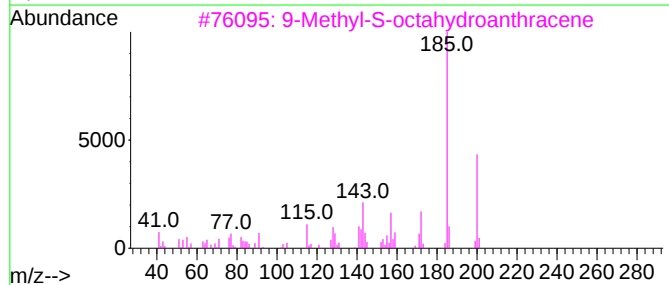
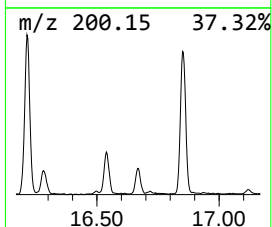
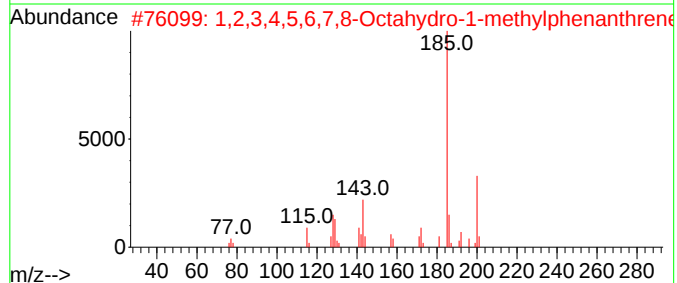
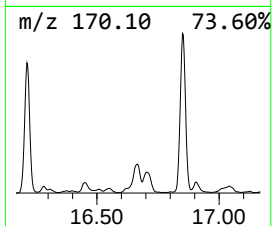
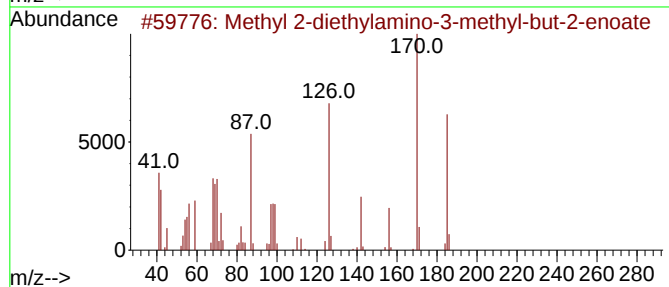
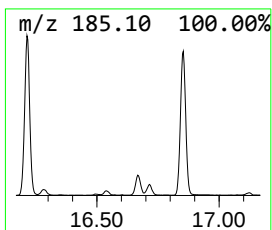
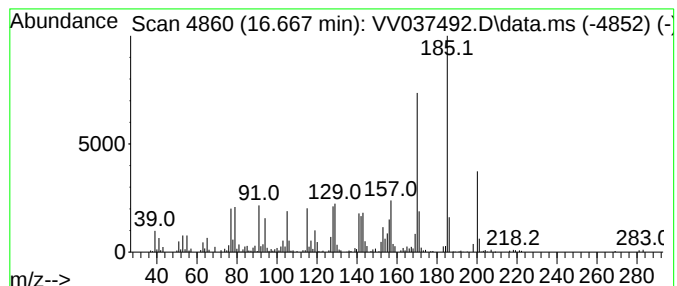
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Quant Title : VOC Analysis

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

Peak Number 60 Methyl 2-diethylamino-3-met... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.667	4.27 ug/L	218689	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl 2-diethylamino-3-methyl-b...	185	C10H19NO2	075122-81-5	52
2			1,2,3,4,5,6,7,8-Octahydro-1-meth...	200	C15H20	1000080-19-4	49
3			9-Methyl-S-octahydroanthracene	200	C15H20	004948-51-0	46
4			Silane, trimethyl-2-naphthalenyl-	200	C13H16Si	018052-85-2	45
5			1H-Isindole-1,3(2H)-dione, 2-(2...	185	C11H7NO2	007223-50-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
Data File : VV037492.D
Acq On : 23 Sep 2024 18:47
Operator : SY/MD
Sample : P4024-05MEDL 20X
Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DDC36MEDL

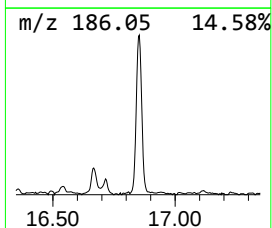
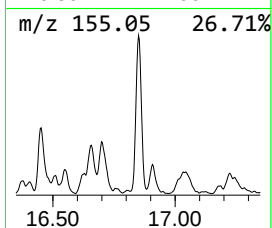
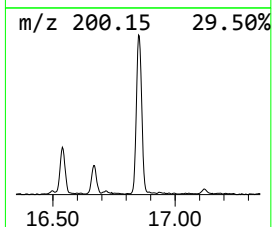
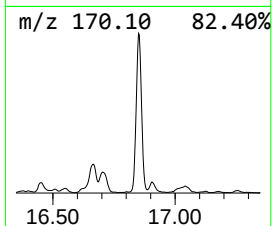
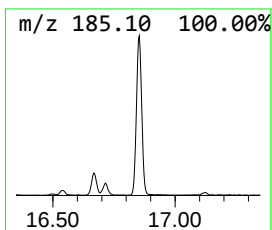
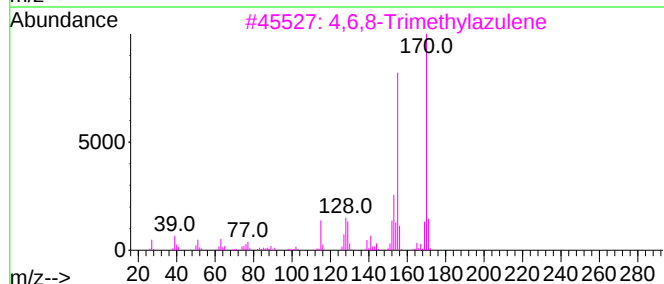
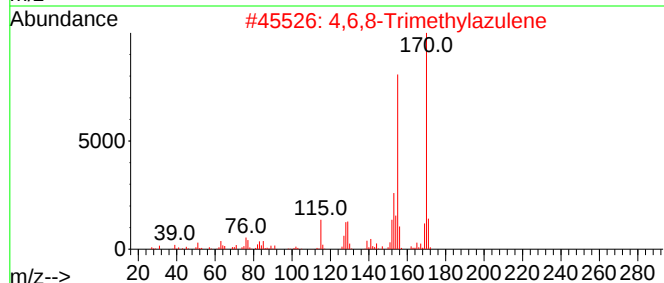
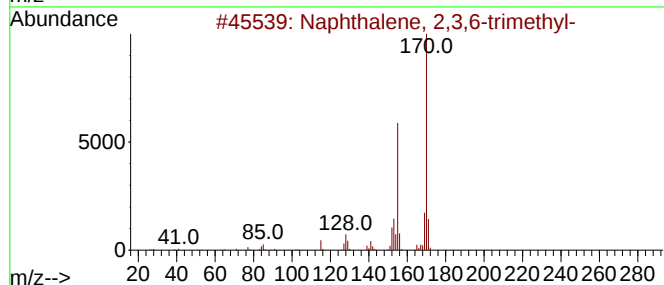
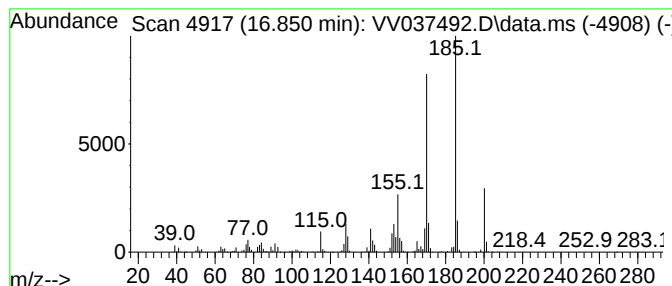
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Quant Title : VOC Analysis

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

Peak Number 61 Naphthalene, 2,3,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.850	18.48 ug/L	945651	1,4-Dichlorobenzene-d4	11.178

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
2			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	50
3			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	50
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	50
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
 Data File : VV037492.D
 Acq On : 23 Sep 2024 18:47
 Operator : SY/MD
 Sample : P4024-05MEDL 20X
 Misc : 10.12G/5mL/100ul/5mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DDC36MEDL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.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
Propanal, 2-met...	2.883	4.7	ug/L	183091	1	5.529	1937650	50.0
Butanal	3.610	11.1	ug/L	430050	1	5.529	1937650	50.0
(DEL) Alkane: S...	8.596	3.9	ug/L	185573	2	8.780	2369500	50.0
(DEL) Alkane: S...	8.722	3.8	ug/L	178460	2	8.780	2369500	50.0
(DEL) Alkane: S...	9.137	15.1	ug/L	717666	2	8.780	2369500	50.0
Sulfurous acid,...	9.407	4.2	ug/L	199572	2	8.780	2369500	50.0
(DEL) Alkane: S...	9.641	7.0	ug/L	334178	2	8.780	2369500	50.0
(DEL) Alkane: C...	9.731	7.4	ug/L	350080	2	8.780	2369500	50.0
(DEL) Alkane: S...	9.783	3.8	ug/L	179782	2	8.780	2369500	50.0
(DEL) Alkane: S...	10.021	7.8	ug/L	396378	3	11.178	2558140	50.0
(DEL) Alkane: S...	10.050	8.0	ug/L	409281	3	11.178	2558140	50.0
Benzene, propyl-	10.285	7.3	ug/L	372331	3	11.178	2558140	50.0
Benzene, 1-ethy...	10.381	28.2	ug/L	1442570	3	11.178	2558140	50.0
Benzene, 1-ethy...	10.667	7.6	ug/L	390266	3	11.178	2558140	50.0
(DEL) Alkane: S...	10.966	3.9	ug/L	198603	3	11.178	2558140	50.0
(DEL) Alkane: C...	11.088	3.8	ug/L	195076	3	11.178	2558140	50.0
p-Cymene	11.124	6.0	ug/L	304854	3	11.178	2558140	50.0
(DEL) Alkane: S...	11.230	7.3	ug/L	370763	3	11.178	2558140	50.0
Benzene, 1,2,3-...	11.268	16.2	ug/L	828181	3	11.178	2558140	50.0
(DEL) Alkane: S...	11.307	7.1	ug/L	361554	3	11.178	2558140	50.0
(DEL) Alkane: S...	11.397	7.4	ug/L	376919	3	11.178	2558140	50.0
Benzene, 1,4-di...	11.481	7.8	ug/L	397305	3	11.178	2558140	50.0
(DEL) Alkane: S...	11.725	12.9	ug/L	659630	3	11.178	2558140	50.0
Benzene, 2-ethy...	11.844	9.8	ug/L	500476	3	11.178	2558140	50.0
o-Cymene	11.873	10.0	ug/L	509450	3	11.178	2558140	50.0
(DEL) Alkane: C...	12.304	4.8	ug/L	245166	3	11.178	2558140	50.0
Benzene, 1,2,3,...	12.397	7.5	ug/L	383001	3	11.178	2558140	50.0
(DEL) Alkane: S...	12.818	10.9	ug/L	560072	3	11.178	2558140	50.0
Benzene, 4-(2-b...	13.204	7.7	ug/L	393843	3	11.178	2558140	50.0
5-Nonanone, 2,8...	13.317	21.3	ug/L	1088150	3	11.178	2558140	50.0
2,4-Dipropyl-5-...	13.355	35.8	ug/L	1833890	3	11.178	2558140	50.0
3-Methyl-thioph...	13.551	5.4	ug/L	276667	3	11.178	2558140	50.0
Propanal, 2-pro...	13.754	5.4	ug/L	276071	3	11.178	2558140	50.0
(DEL) Alkane: S...	13.834	4.8	ug/L	246921	3	11.178	2558140	50.0
Benzene, 1,3,5-...	13.902	28.2	ug/L	1444640	3	11.178	2558140	50.0
1,3-Hexanediol,...	13.960	5.4	ug/L	274716	3	11.178	2558140	50.0
Naphthalene, 1,...	14.030	6.5	ug/L	329965	3	11.178	2558140	50.0
unknown-01	14.130	8.1	ug/L	415371	3	11.178	2558140	50.0
Naphthalene, 1-...	14.564	9.8	ug/L	503943	3	11.178	2558140	50.0
Naphthalene, 1,...	15.596	5.6	ug/L	284921	3	11.178	2558140	50.0
Naphthalene, 2,...	15.744	4.5	ug/L	231276	3	11.178	2558140	50.0
Carbonic acid, ...	15.779	36.6	ug/L	1871410	3	11.178	2558140	50.0
9-Methyl-S-octa...	16.214	20.3	ug/L	1039780	3	11.178	2558140	50.0
2H-Benz[e]inden...	16.541	4.3	ug/L	218206	3	11.178	2558140	50.0
Methyl 2-diethy...	16.667	4.3	ug/L	218689	3	11.178	2558140	50.0
Naphthalene, 2,...	16.850	18.5	ug/L	945651	3	11.178	2558140	50.0