

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
 Data File : VV036075.D
 Acq On : 13 Jun 2024 21:26
 Operator : SY/MD
 Sample : P2856-08
 Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0SH0

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\SFAMVLM053024SMA.M

Title : VOC Analysis

Signal : TIC: VV036075.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.272	64	72	90	rBV	417224	459076	3.41%	0.399%
2	1.526	143	151	168	rBV	346234	402370	2.99%	0.350%
3	2.050	303	314	334	rVB	668003	988457	7.34%	0.860%
4	2.153	334	346	363	rBV2	12445	39628	0.29%	0.034%
5	2.288	380	388	398	rVB7	2569	5184	0.04%	0.005%
6	2.442	421	436	458	rBV	174233	307946	2.29%	0.268%
7	2.552	464	470	479	rVB	4142	6342	0.05%	0.006%
8	2.654	482	502	513	rBV5	10236	41417	0.31%	0.036%
9	2.960	585	597	615	rBV3	50154	104446	0.78%	0.091%
10	3.838	851	870	913	rBV2	45076	233916	1.74%	0.204%
11	4.243	979	996	1028	rBV	442772	1155315	8.58%	1.005%
12	4.950	1201	1216	1249	rBV2	1066315	2734931	20.30%	2.379%
13	5.529	1381	1396	1434	rBV	629127	1335511	9.91%	1.162%
14	5.825	1474	1488	1510	rBV2	50659	117277	0.87%	0.102%
15	5.986	1525	1538	1572	rBV	619115	1301447	9.66%	1.132%
16	6.555	1702	1715	1729	rBV	4088	9932	0.07%	0.009%
17	6.760	1771	1779	1786	rBV6	2421	4748	0.04%	0.004%
18	6.844	1793	1805	1813	rBV	24561	42766	0.32%	0.037%
19	6.912	1816	1826	1849	rVV	288011	559628	4.15%	0.487%
20	7.011	1850	1857	1870	rVB4	15286	30642	0.23%	0.027%
21	7.188	1900	1912	1918	rBV4	31598	60294	0.45%	0.052%
22	7.239	1918	1928	1955	rVB	1252609	2207615	16.39%	1.921%
23	7.442	1986	1991	1998	rVB8	5042	7179	0.05%	0.006%
24	7.497	1998	2008	2017	rBV	109921	171786	1.28%	0.149%
25	7.551	2017	2025	2058	rVB	195351	425854	3.16%	0.370%
26	7.712	2067	2075	2086	rVB4	10872	19382	0.14%	0.017%
27	7.773	2087	2094	2101	rBV7	5017	8168	0.06%	0.007%
28	7.841	2110	2115	2119	rBV4	5064	5856	0.04%	0.005%
29	7.876	2120	2126	2129	rBV2	7541	9669	0.07%	0.008%
30	7.908	2131	2136	2149	rVB3	24716	41184	0.31%	0.036%
31	8.027	2153	2173	2198	rBV2	216541	580779	4.31%	0.505%
32	8.143	2199	2209	2223	rBV5	66878	167027	1.24%	0.145%
33	8.217	2223	2232	2241	rVB	82169	134435	1.00%	0.117%
34	8.278	2241	2251	2261	rBV	267006	479479	3.56%	0.417%
35	8.439	2291	2301	2310	rVB3	45721	79411	0.59%	0.069%
36	8.519	2310	2326	2342	rBV5	352773	994251	7.38%	0.865%

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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\SFAMVLM053024SMA.M
 Title : VOC Analysis

37	8.600	2342	2351	2365	rVB3	507545	850234	6.31%	0.740%
38	8.722	2376	2389	2398	rBV	525782	854438	6.34%	0.743%
39	8.783	2398	2408	2421	rVV	1202724	1906730	14.16%	1.659%
40	8.924	2441	2452	2466	rBV3	204470	424403	3.15%	0.369%
41	9.037	2467	2487	2494	rVV3	434216	1030869	7.65%	0.897%
42	9.088	2494	2503	2509	rVV	1054519	1852221	13.75%	1.611%
43	9.136	2509	2518	2541	rVB3	3963283	6422272	47.68%	5.587%
44	9.249	2542	2553	2567	rBV2	277175	496091	3.68%	0.432%
45	9.407	2574	2602	2611	rBV4	1475423	3573106	26.53%	3.109%
46	9.487	2620	2627	2628	rBV3	149355	156257	1.16%	0.136%
47	9.513	2629	2635	2643	rVB2	378249	538033	3.99%	0.468%
48	9.609	2657	2665	2667	rBV2	613685	752129	5.58%	0.654%
49	9.645	2668	2676	2685	rVV2	2542637	4397786	32.65%	3.826%
50	9.731	2688	2703	2714	rVV5	3578331	7770870	57.69%	6.761%
51	9.783	2715	2719	2730	rVV	1266653	2013948	14.95%	1.752%
52	9.844	2731	2738	2749	rVV4	515766	968234	7.19%	0.842%
53	9.911	2750	2759	2765	rVV3	858570	1407211	10.45%	1.224%
54	9.956	2765	2773	2781	rVV3	1217889	2298607	17.06%	2.000%
55	10.024	2781	2794	2798	rVV2	1693053	3435515	25.50%	2.989%
56	10.053	2798	2803	2814	rVB4	1977780	2976500	22.10%	2.590%
57	10.172	2820	2840	2853	rBV5	4049206	9984417	74.12%	8.686%
58	10.329	2876	2889	2898	rBV6	1150735	3076943	22.84%	2.677%
59	10.384	2898	2906	2916	rVV4	1671017	3157105	23.44%	2.747%
60	10.445	2916	2925	2933	rVV	2878913	4519583	33.55%	3.932%
61	10.516	2934	2947	2968	rVB3	7013915	13470099	100.00%	11.719%
62	10.622	2969	2980	2984	rBV	445349	804214	5.97%	0.700%
63	10.661	2985	2992	2999	rBV4	815521	1328375	9.86%	1.156%
64	10.818	3032	3041	3050	rBV5	1808923	3198932	23.75%	2.783%
65	10.972	3074	3089	3093	rBV8	368657	774281	5.75%	0.674%
66	11.037	3104	3109	3116	rVB4	504860	633303	4.70%	0.551%
67	11.088	3117	3125	3136	rVB2	2141040	3138435	23.30%	2.730%
68	11.181	3146	3154	3163	rBV	1423101	2115195	15.70%	1.840%
69	11.230	3165	3169	3176	rVB3	304370	372199	2.76%	0.324%
70	11.278	3178	3184	3188	rBV3	155727	223066	1.66%	0.194%
71	11.400	3215	3222	3232	rVB3	308641	485076	3.60%	0.422%
72	11.554	3233	3270	3290	rVV3	1830590	5425847	40.28%	4.720%
73	11.728	3315	3324	3341	rVB4	509225	1029752	7.64%	0.896%
74	11.876	3357	3370	3379	rBV4	153643	292377	2.17%	0.254%
75	12.095	3429	3438	3456	rVB6	147032	393795	2.92%	0.343%
76	12.194	3456	3469	3478	rBV6	179380	329030	2.44%	0.286%

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Peak Location: TOP

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Title : VOC Analysis

77	12.310	3494	3505	3514	rBV8	87210	182562	1.36%	0.159%
78	12.403	3527	3534	3546	rVB3	104749	152689	1.13%	0.133%
79	12.487	3554	3560	3567	rVB3	31378	41697	0.31%	0.036%
80	12.525	3568	3572	3576	rBV5	11751	12436	0.09%	0.011%
81	12.664	3609	3615	3628	rVB	35819	56438	0.42%	0.049%
82	12.734	3629	3637	3644	rBV3	23514	35008	0.26%	0.030%
83	12.783	3645	3652	3658	rBV2	18686	31046	0.23%	0.027%
84	12.821	3659	3664	3678	rVB4	21563	47164	0.35%	0.041%
85	12.937	3693	3700	3707	rBV2	16450	23515	0.17%	0.020%
86	13.107	3744	3753	3761	rBV10	5869	8319	0.06%	0.007%
87	13.152	3761	3767	3774	rVB5	6296	8516	0.06%	0.007%
88	13.207	3775	3784	3790	rBV5	17061	27777	0.21%	0.024%
89	13.242	3791	3795	3799	rVB6	4321	4859	0.04%	0.004%
90	13.307	3811	3815	3820	rVB6	3923	4268	0.03%	0.004%
91	13.384	3834	3839	3841	rBV5	4225	3934	0.03%	0.003%
92	13.442	3849	3857	3866	rVB	31619	47890	0.36%	0.042%
93	13.683	3915	3932	3945	rVB	24532	44429	0.33%	0.039%
94	13.837	3975	3980	3988	rVB10	2767	3912	0.03%	0.003%
95	13.982	4016	4025	4035	rBV	9123	14756	0.11%	0.013%
96	14.577	4201	4210	4226	rBV3	8245	15935	0.12%	0.014%
97	14.760	4259	4267	4282	rVB3	6843	12890	0.10%	0.011%
98	15.577	4516	4521	4529	rBV7	3196	4900	0.04%	0.004%
99	15.754	4570	4576	4583	rVV6	3966	5061	0.04%	0.004%
100	16.069	4668	4674	4682	rBV9	2524	3802	0.03%	0.003%

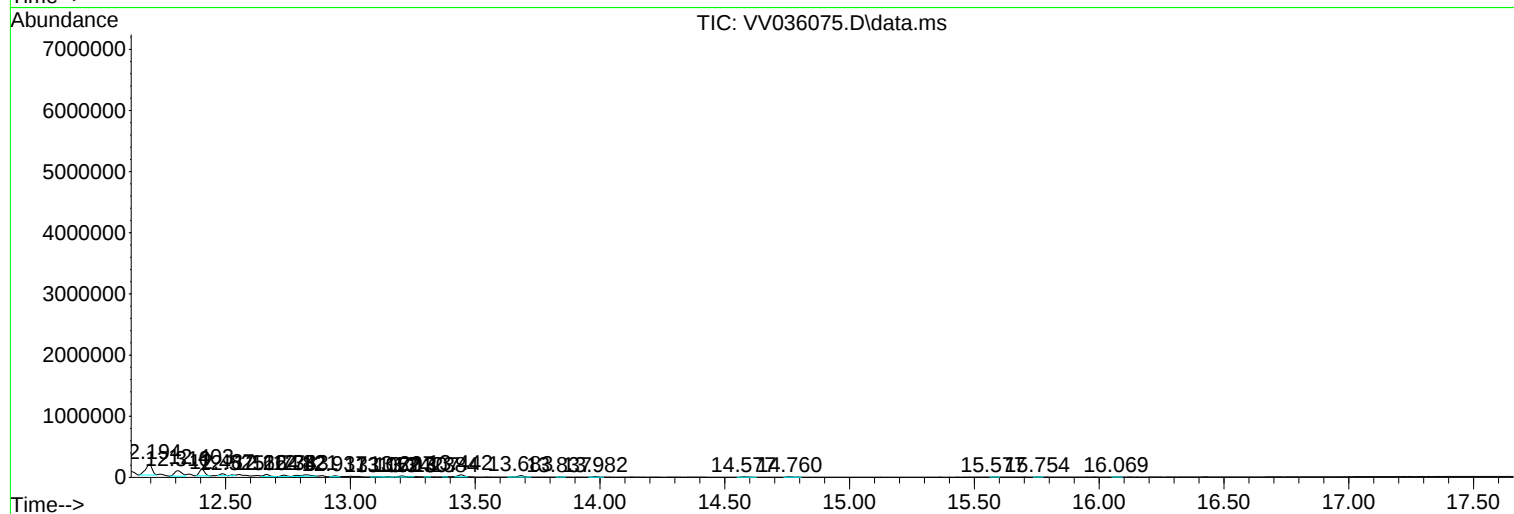
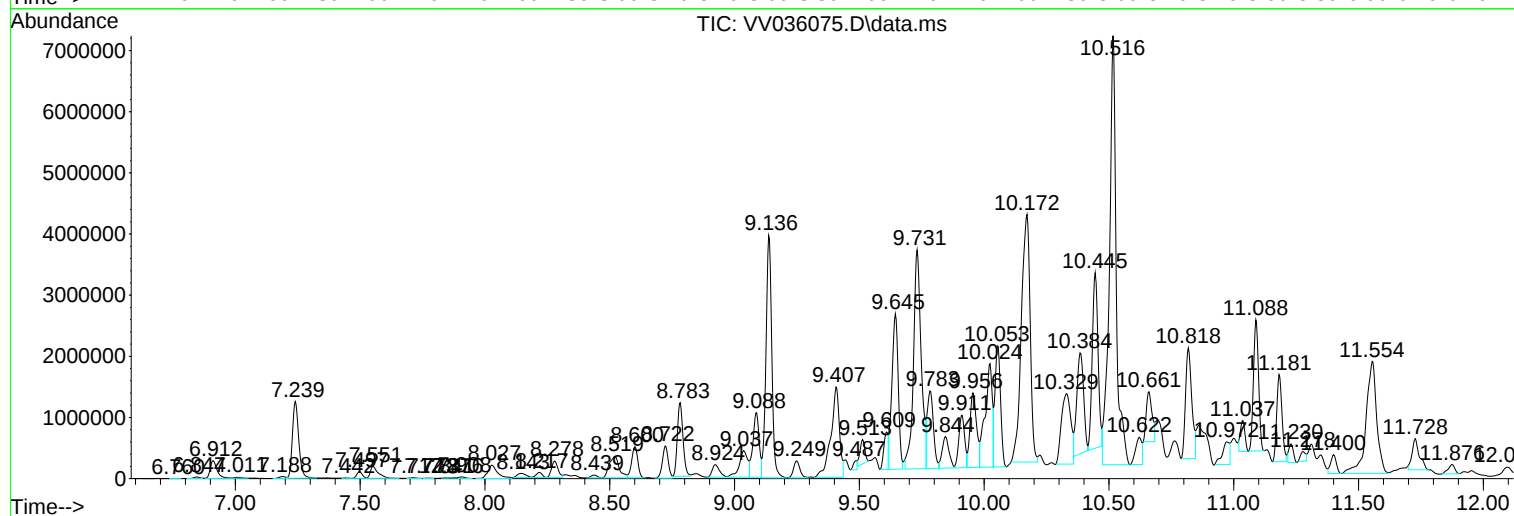
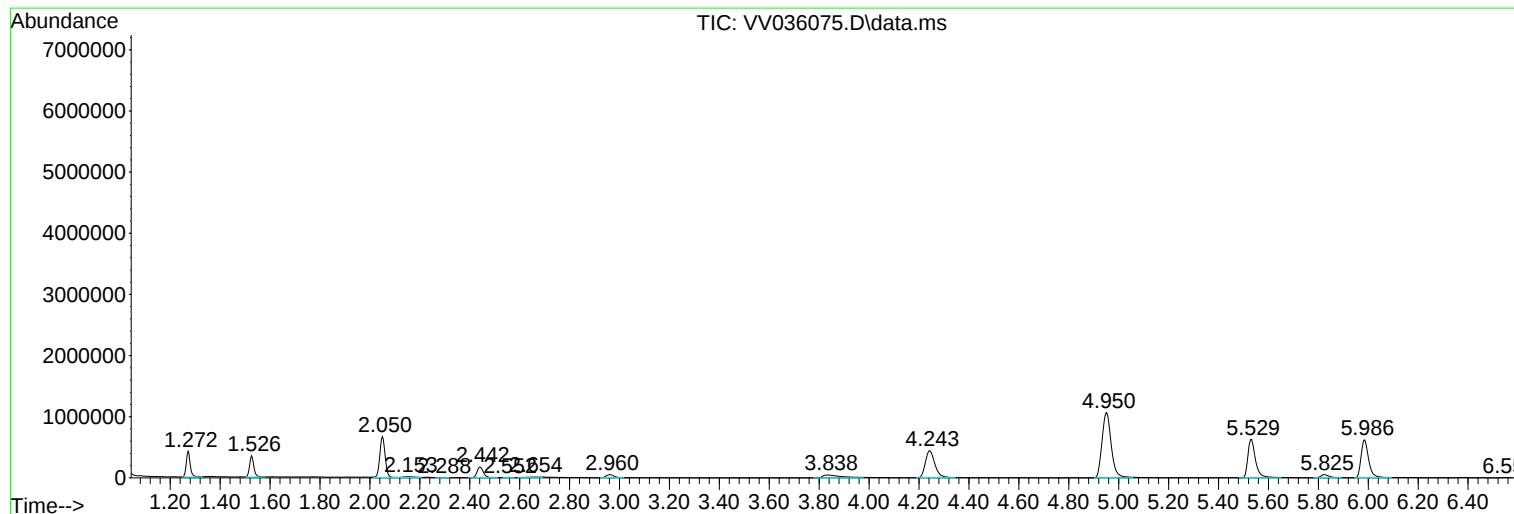
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ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COSH0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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



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ALS Vial : 34 Sample Multiplier: 1

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MSVOA_V
ClientSampleId :
COSH0

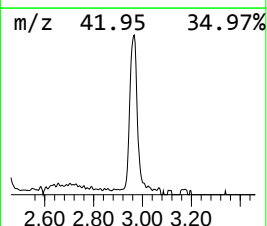
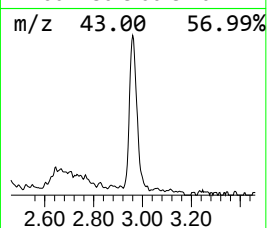
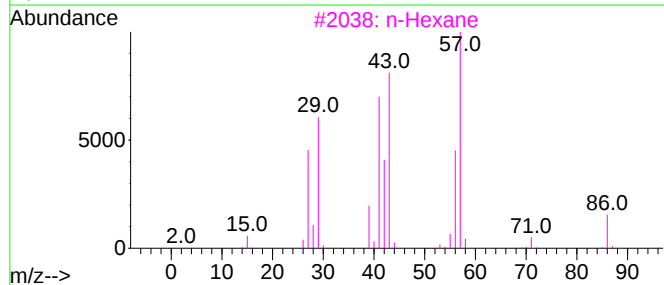
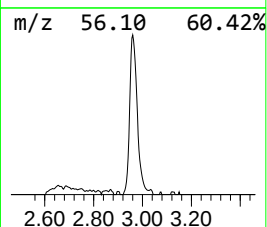
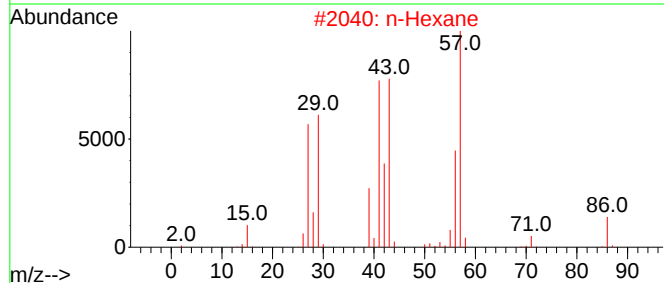
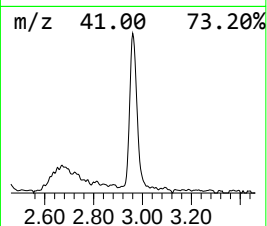
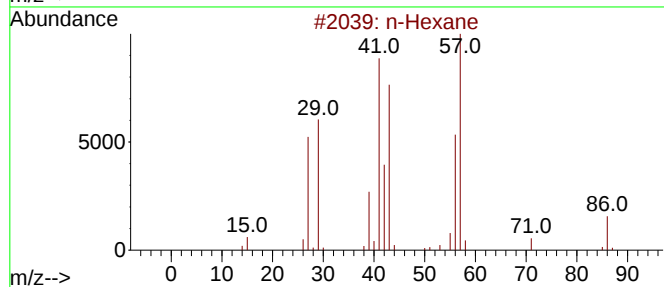
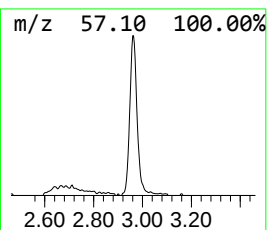
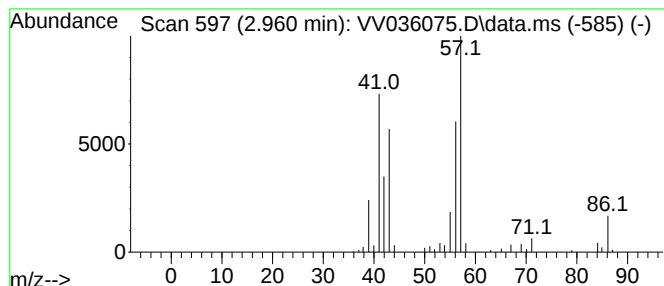
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.960	1.96 ug/L	104446	1,4-Difluorobenzene	5.532

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane		86	C6H14	000110-54-3	86
2	n-Hexane		86	C6H14	000110-54-3	80
3	n-Hexane		86	C6H14	000110-54-3	64
4	2-Ethyl-oxetane		86	C5H10O	1010386-40-2	52
5	1-Pentene, 4-methyl-		84	C6H12	000691-37-2	50



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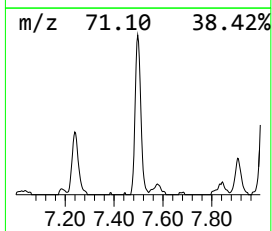
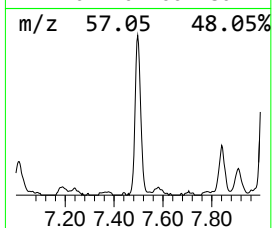
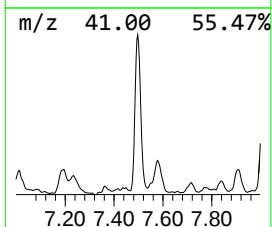
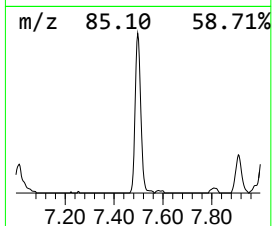
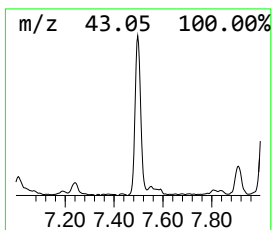
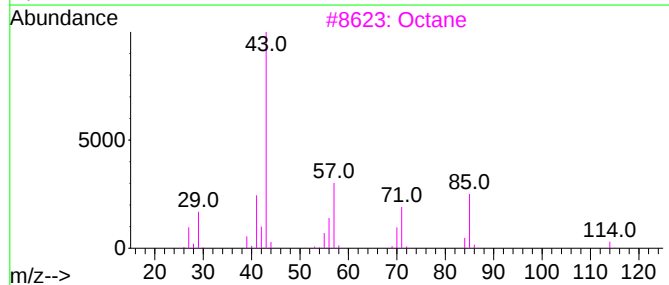
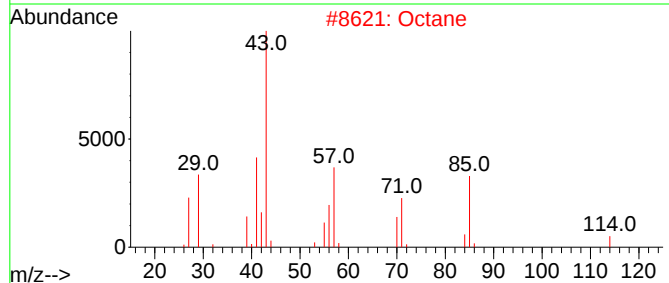
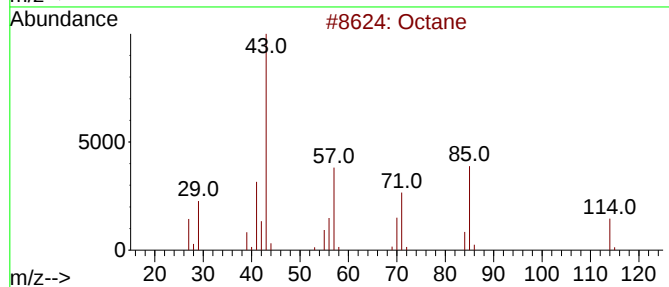
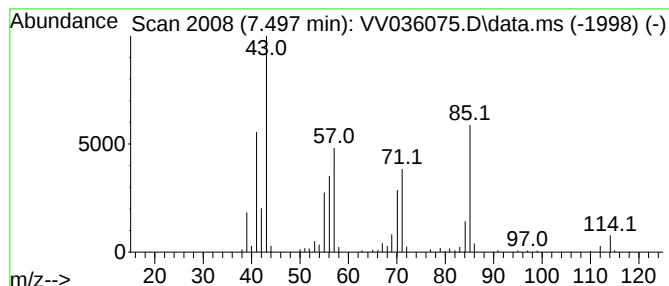
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.497	2.25 ug/L	171786	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane			114	C8H18	000111-65-9	87
2	Octane			114	C8H18	000111-65-9	87
3	Octane			114	C8H18	000111-65-9	80
4	Oxalic acid, isohexyl pentyl ester			244	C13H24O4	1000309-32-8	72
5	Heptane, 2,4-dimethyl-			128	C9H20	002213-23-2	72



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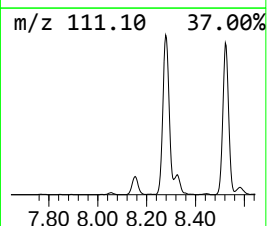
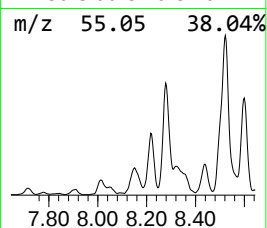
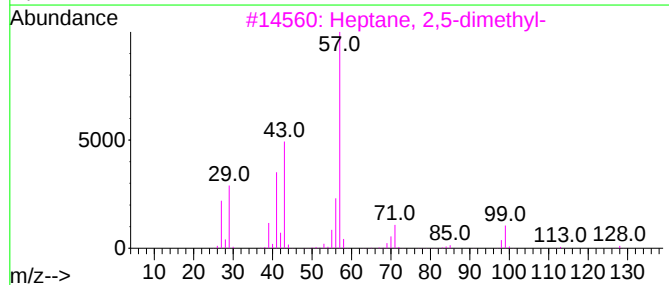
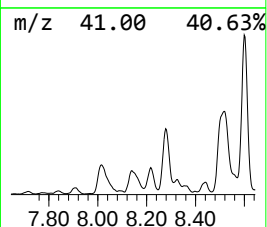
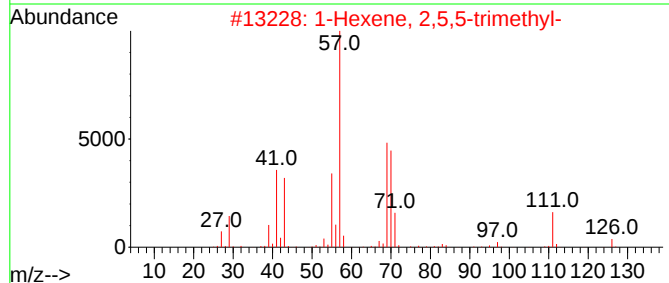
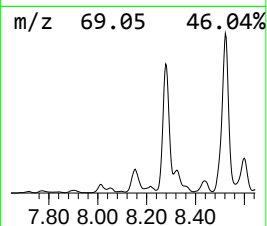
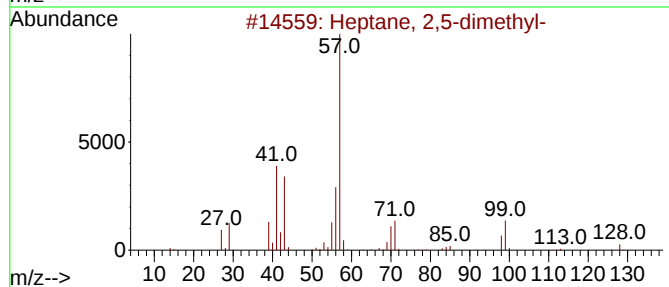
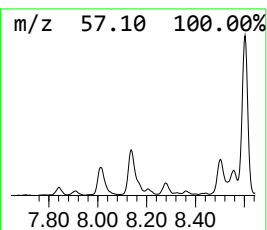
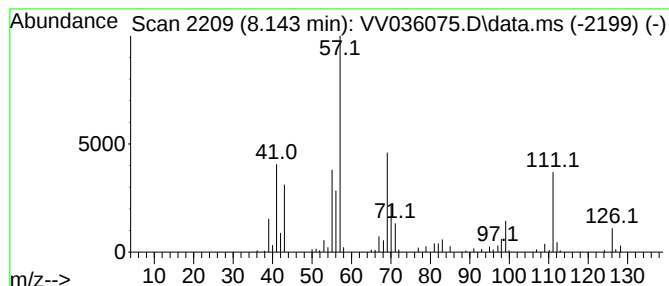
Instrument :
MSVOA_V
ClientSampleId :
C0SH0

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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 39

R.T.	EstConc	Area	Relative to ISTD			R.T.
8.143	2.19 ug/L	167027	Chlorobenzene-d5			8.783
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-		128	C9H20	002216-30-0	53
2	1-Hexene, 2,5,5-trimethyl-		126	C9H18	062185-56-2	47
3	Heptane, 2,5-dimethyl-		128	C9H20	002216-30-0	43
4	Heptane, 3,5-dimethyl-		128	C9H20	000926-82-9	43
5	Heptane, 2,5-dimethyl-		128	C9H20	002216-30-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COSH0

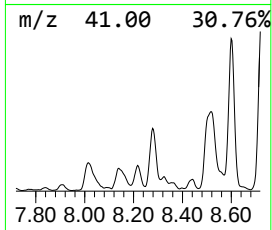
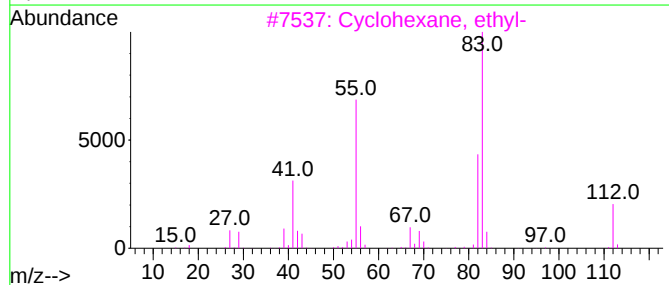
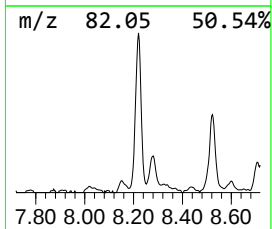
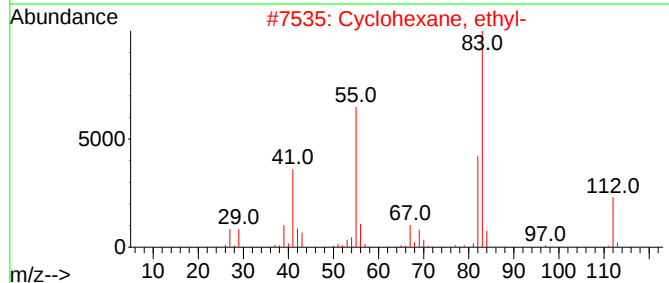
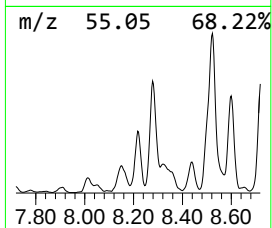
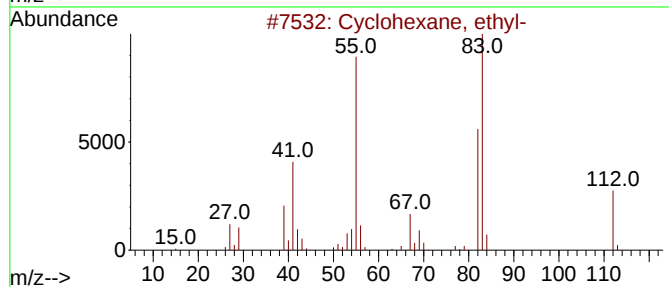
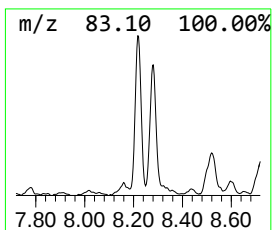
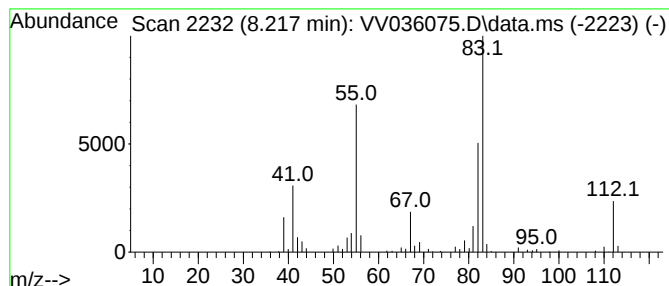
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Cyclic8.217 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.217	1.76 ug/L	134435	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COSH0

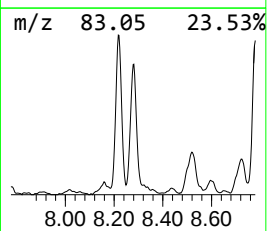
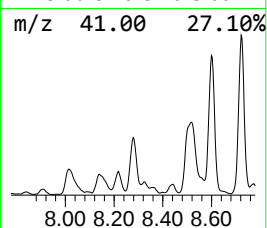
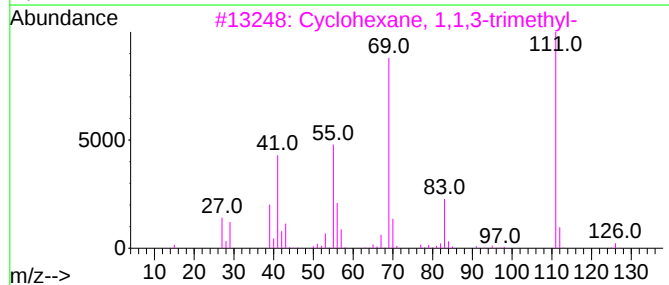
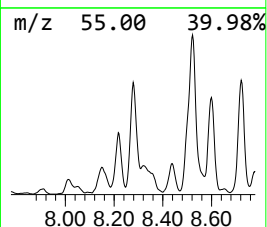
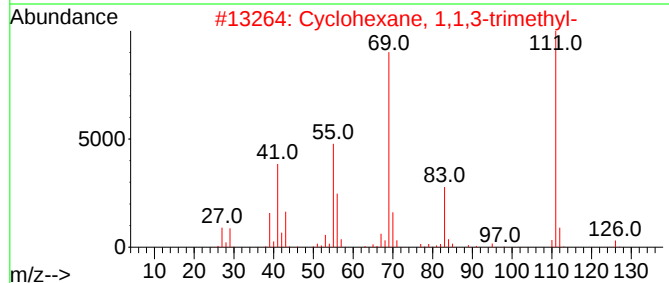
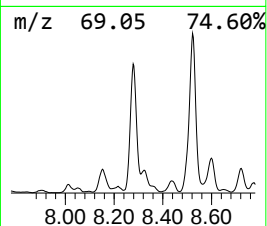
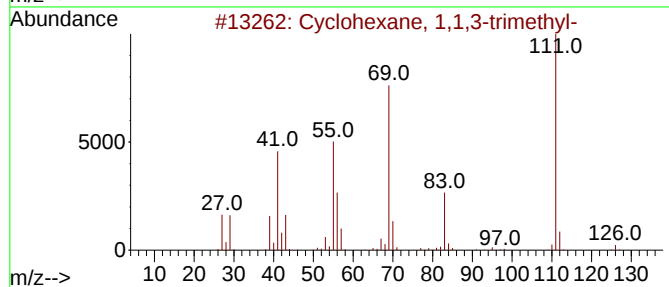
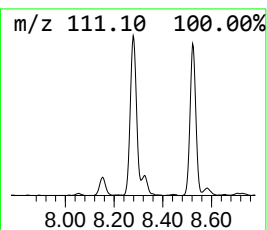
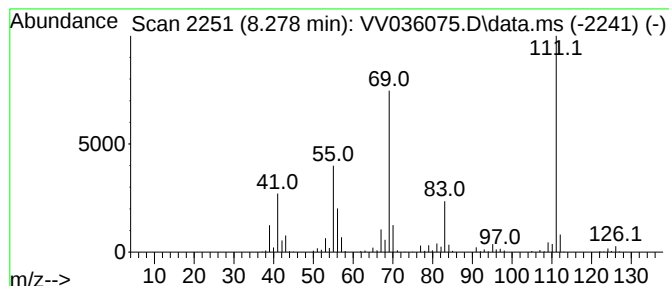
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Cyclic8.278 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.278	6.29 ug/L	479479	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	93
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	76
5			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COSH0

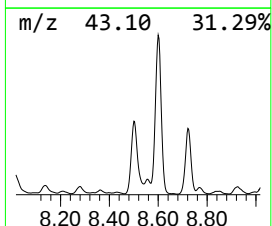
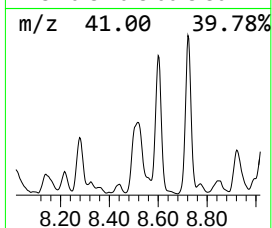
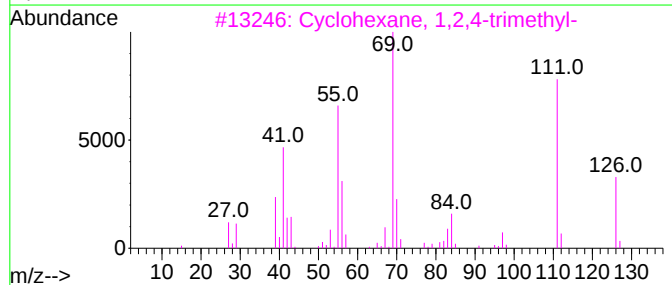
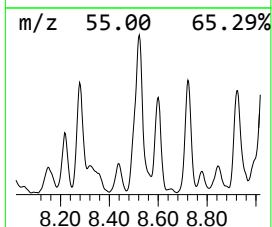
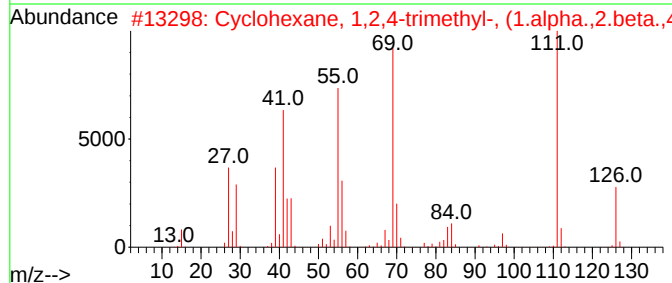
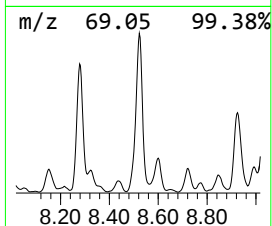
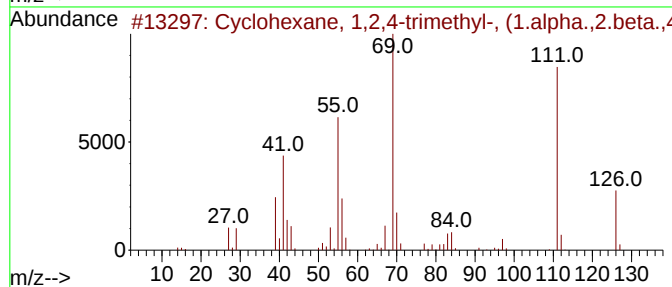
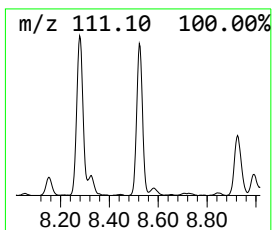
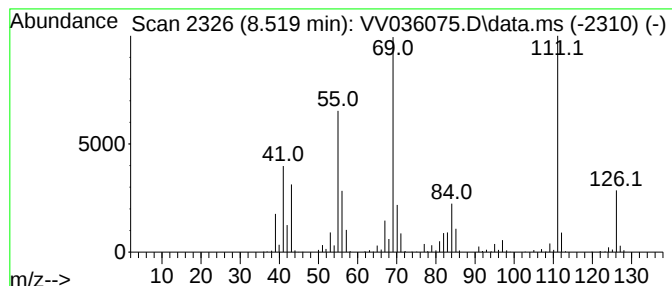
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Cyclic8.519 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.519	13.04 ug/L	994251	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	94
2			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	93
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
4			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	81
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

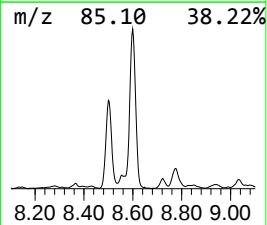
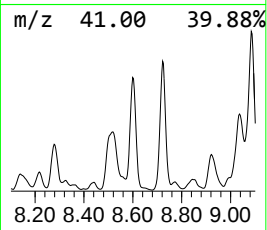
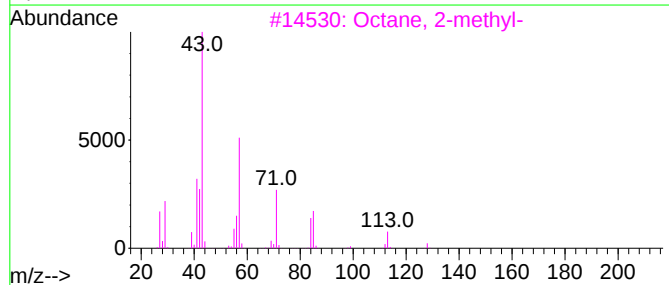
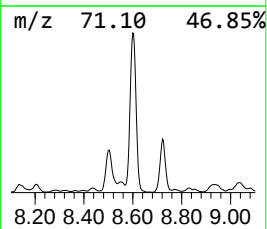
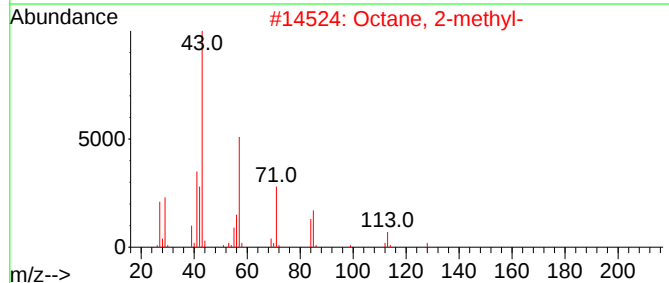
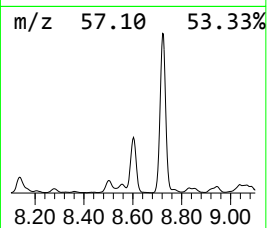
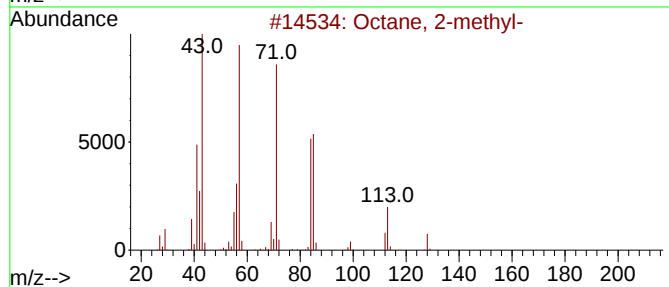
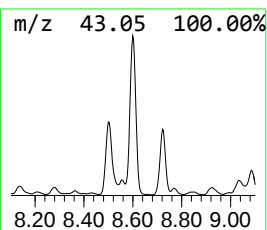
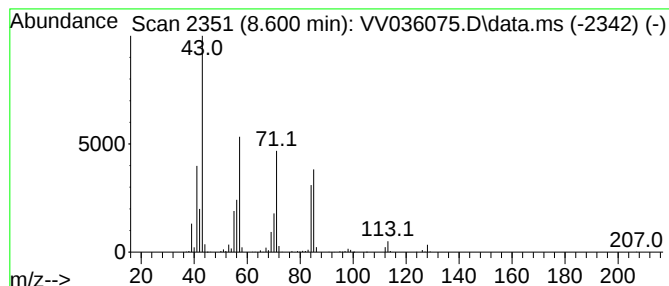
Instrument :
MSVOA_V
ClientSampleId :
COSH0

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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.600	11.15 ug/L	850234	Chlorobenzene-d5	8.783	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	86
2	Octane, 2-methyl-	128	C9H20	003221-61-2	64
3	Octane, 2-methyl-	128	C9H20	003221-61-2	64
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COSH0

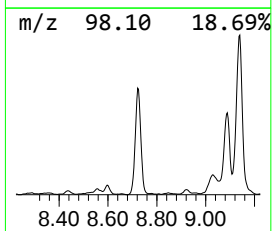
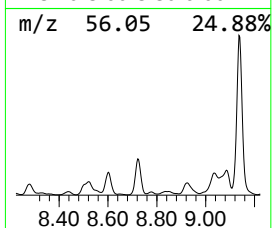
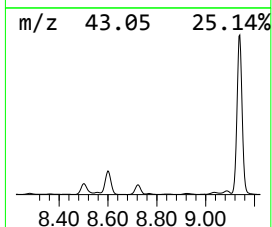
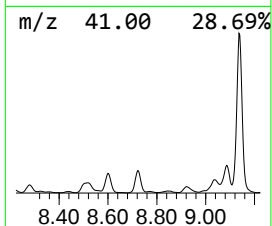
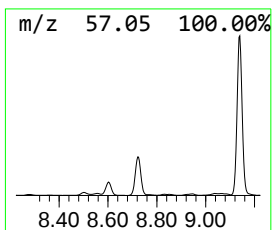
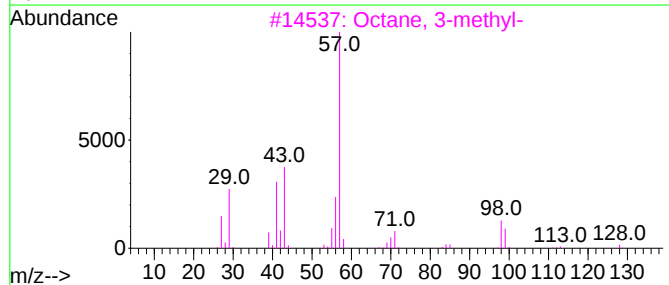
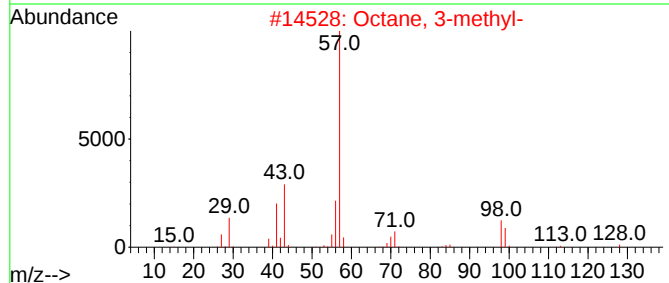
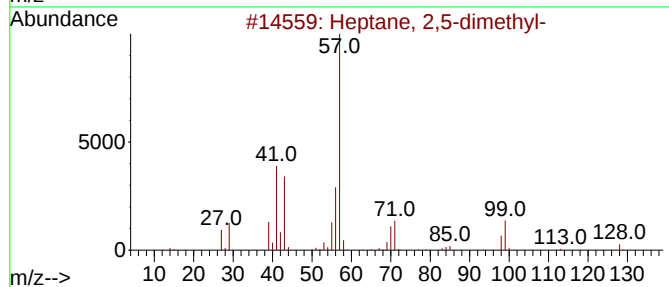
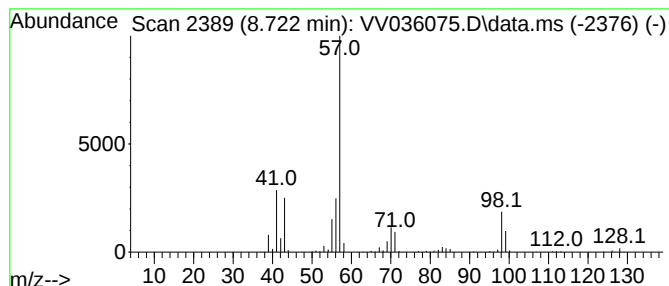
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.722	11.20 ug/L	854438	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
2		Octane, 3-methyl-	128	C9H20	002216-33-3	80
3		Octane, 3-methyl-	128	C9H20	002216-33-3	80
4		Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
5		Heptane, 3-ethyl-	128	C9H20	015869-80-4	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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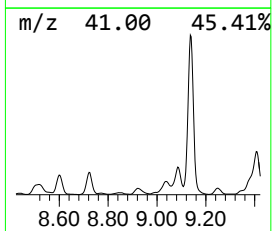
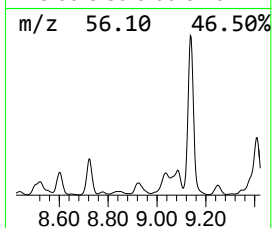
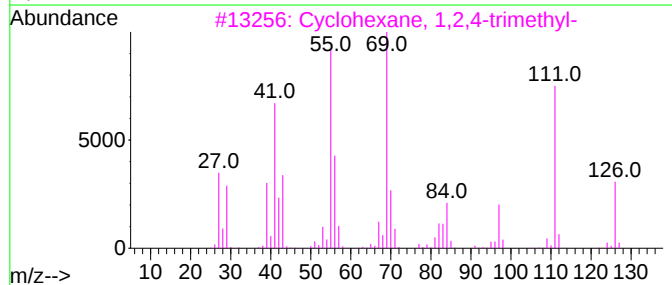
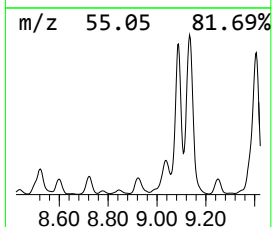
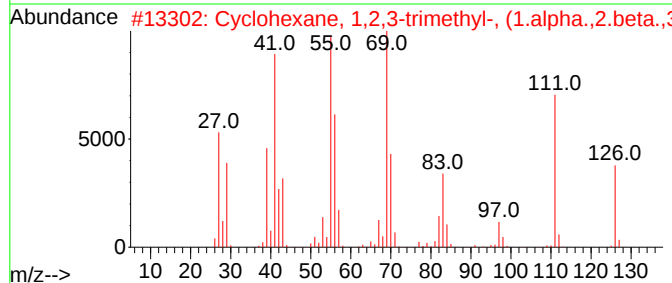
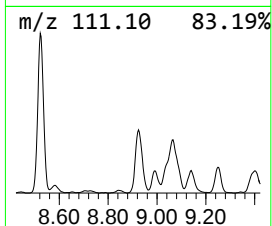
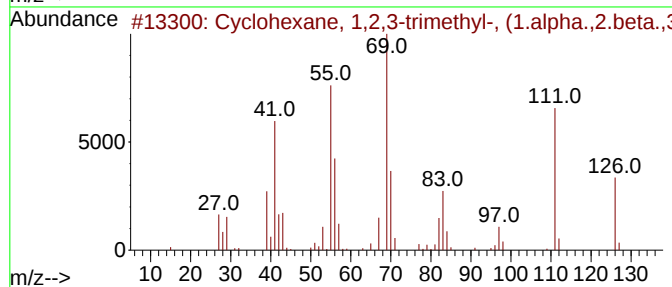
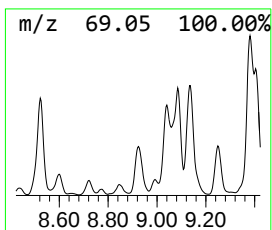
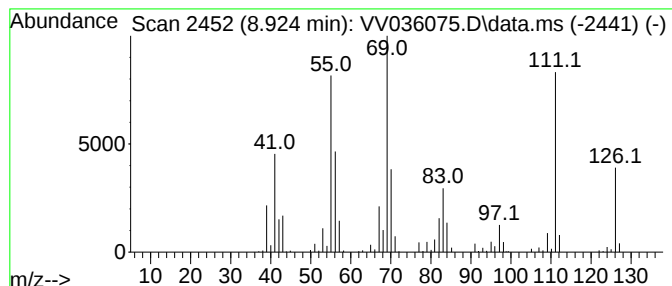
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Cyclic8.924 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.924	5.56 ug/L	424403	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	98
2			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	97
3			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	83
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	81
5			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COSH0

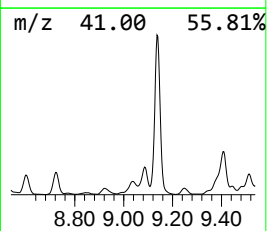
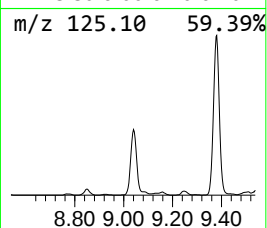
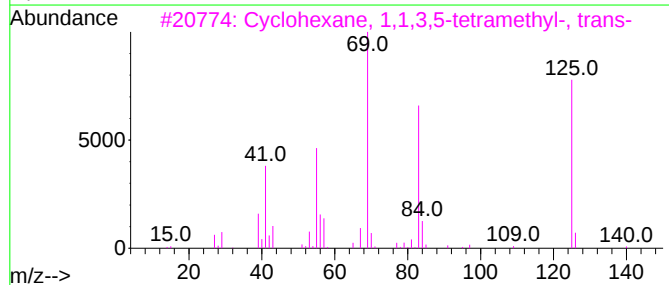
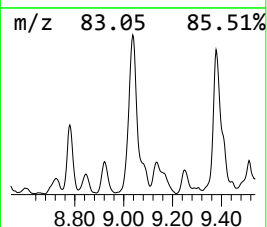
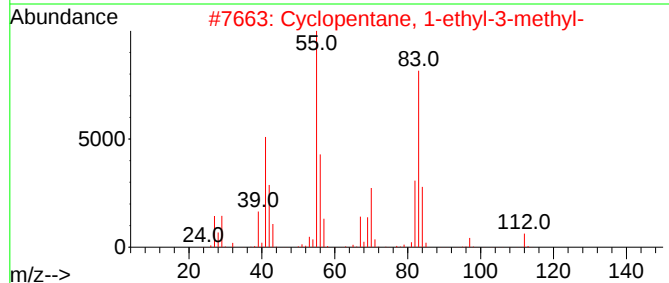
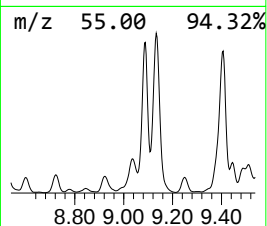
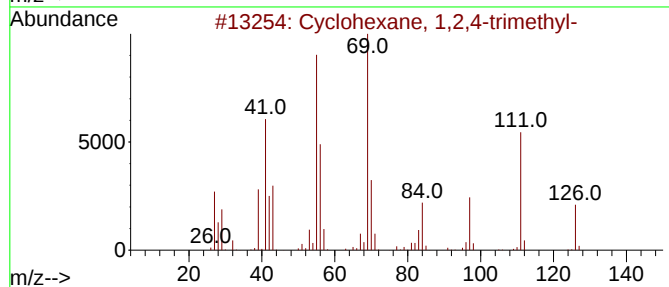
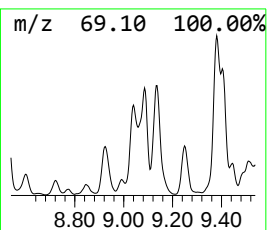
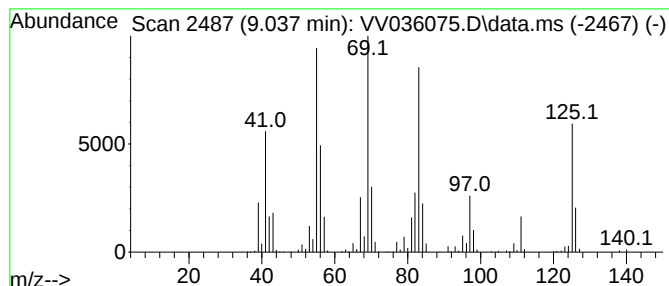
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Cyclic9.037 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.037	13.52 ug/L	1030870	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	55
2		Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	43
3		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	43
4		Cyclohexanone, 2-ethyl-	126	C8H14O	004423-94-3	38
5		1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COSH0

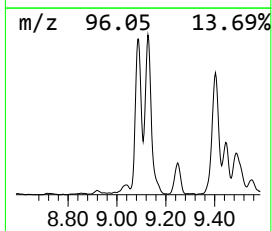
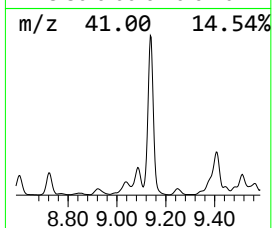
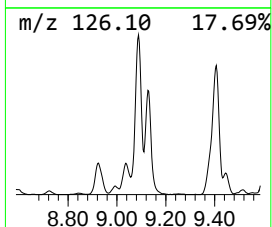
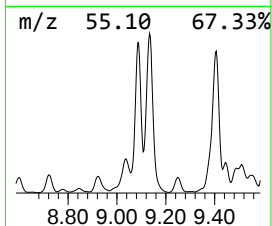
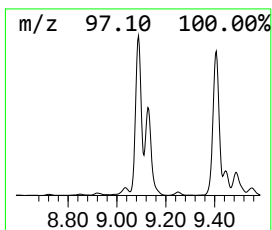
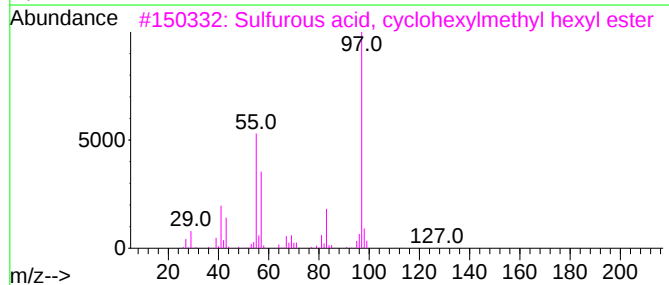
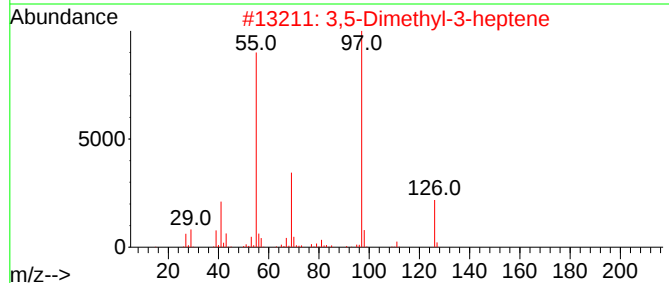
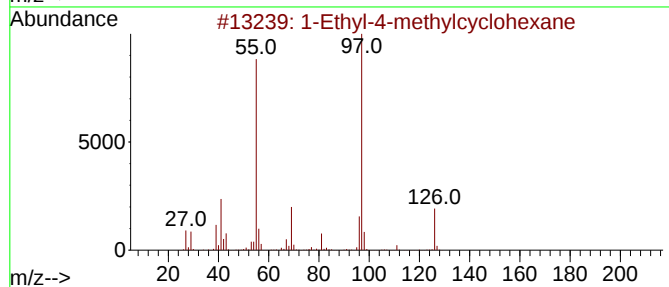
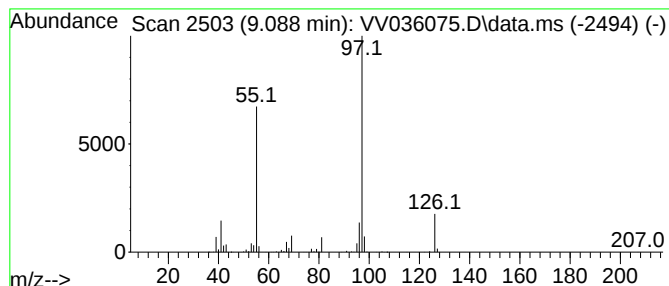
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Cyclic9.088 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.088	24.29 ug/L	1852220	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	90
2		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	72
3		Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1010309-21-6	72
4		Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	72
5		Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

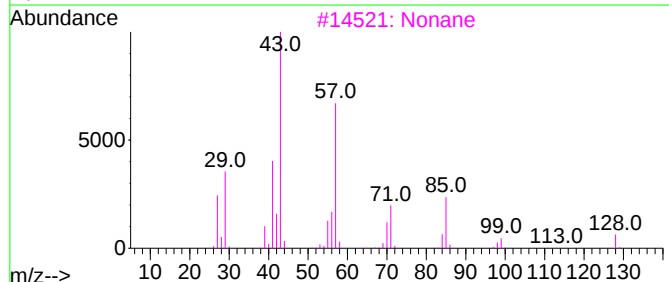
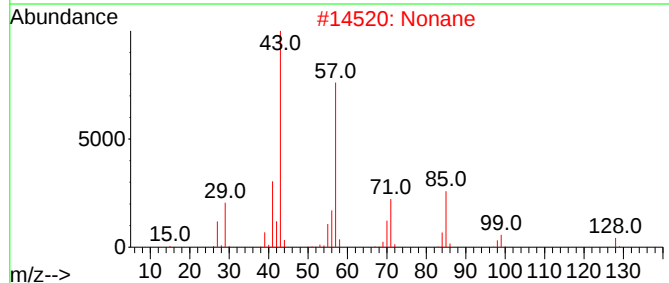
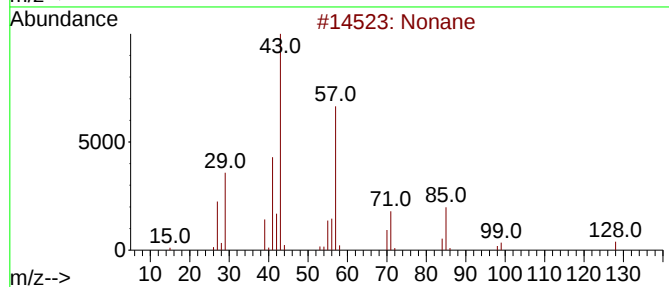
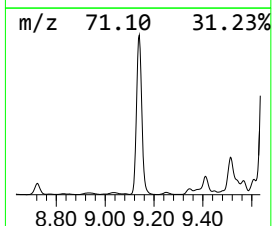
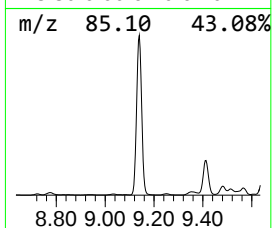
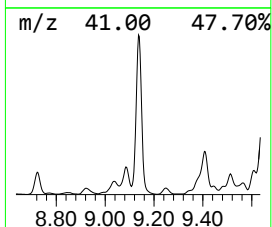
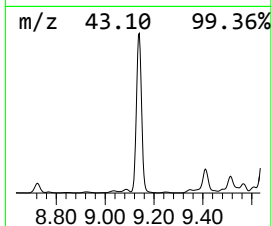
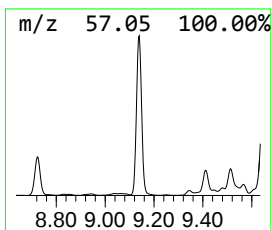
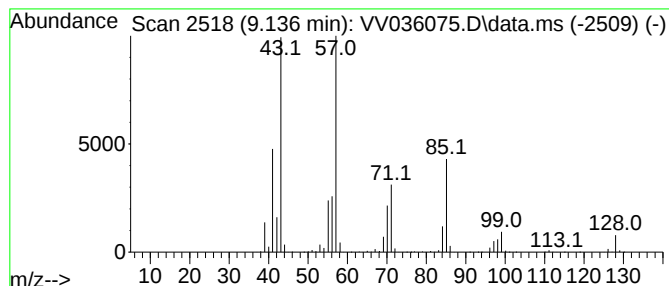
Instrument :
MSVOA_V
ClientSampleId :
COSH0

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Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.136	84.21 ug/L	6422270	Chlorobenzene-d5		8.783	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane		128	C9H20	000111-84-2	95
2	Nonane		128	C9H20	000111-84-2	94
3	Nonane		128	C9H20	000111-84-2	94
4	Nonane		128	C9H20	000111-84-2	90
5	Octane		114	C8H18	000111-65-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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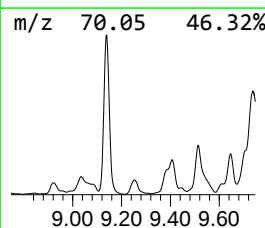
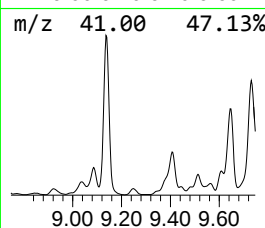
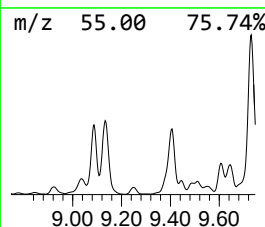
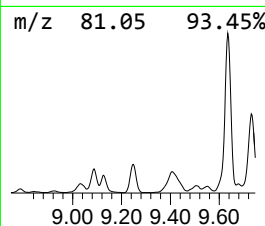
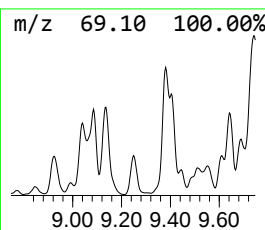
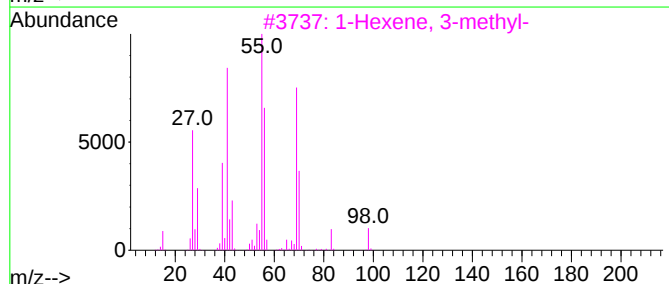
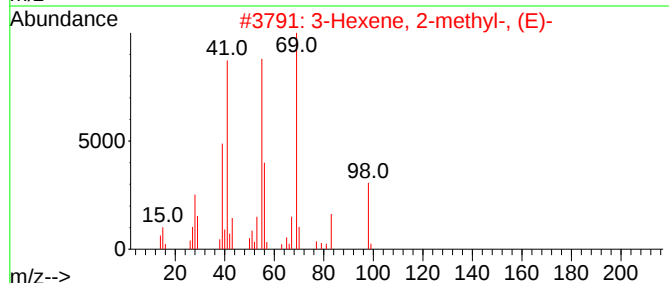
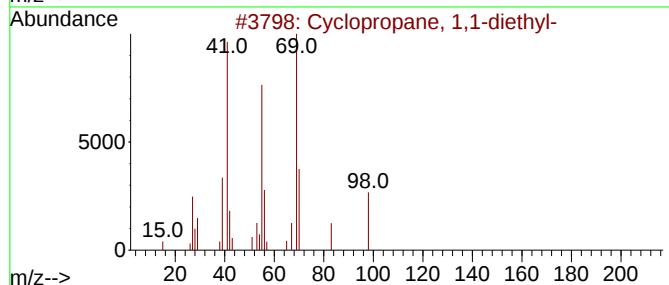
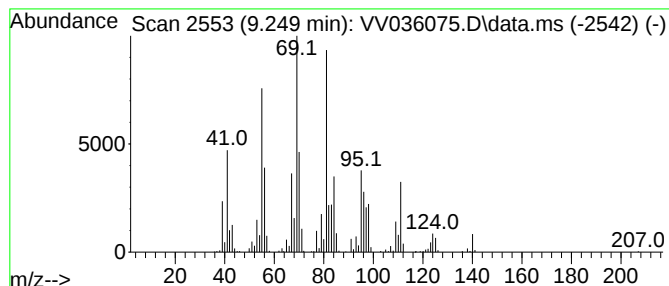
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Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Cyclic9.249 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.249	6.50 ug/L	496091	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	41
2			3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	38
3			1-Hexene, 3-methyl-	98	C7H14	003404-61-3	30
4			Pentane, 3-methylene-	84	C6H12	000760-21-4	30
5			3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COSH0

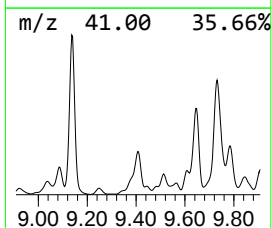
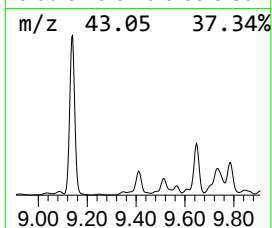
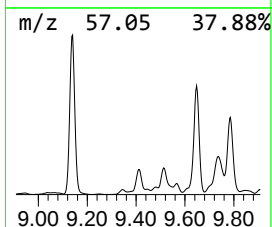
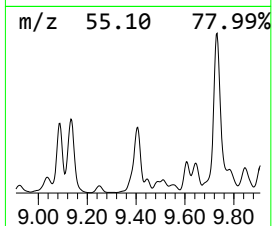
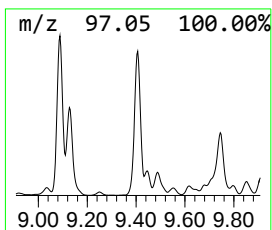
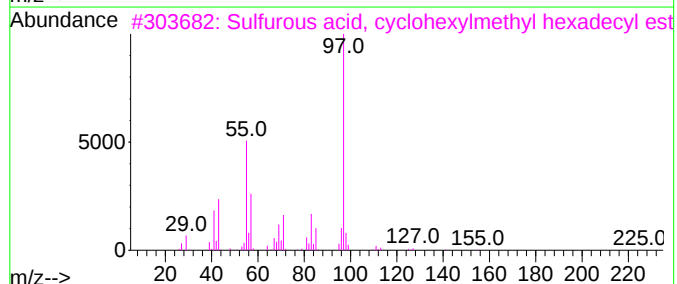
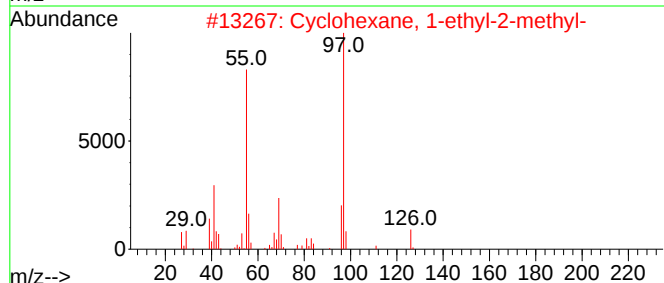
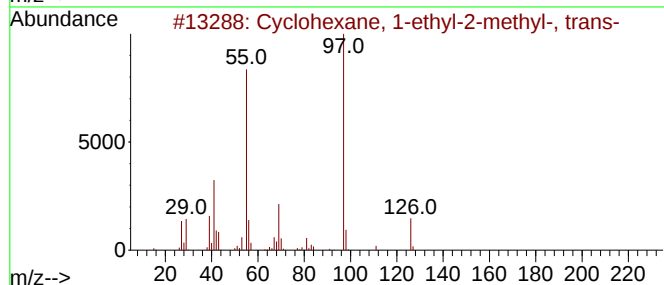
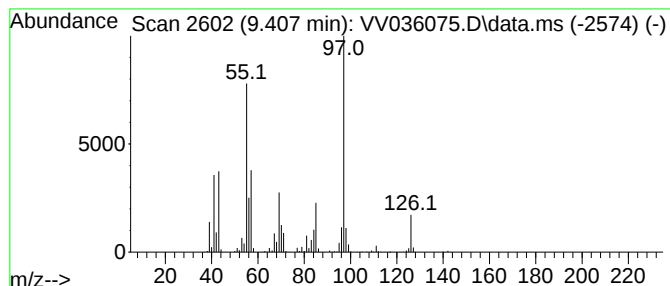
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Quant Title : VOC Analysis

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

Peak Number 16 (DEL) Alkane: Cyclic9.407 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.407	46.85 ug/L	3573110	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	70
2			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	70
3			Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	64
4			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	62
5			Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1010309-21-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COSH0

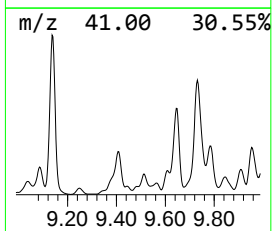
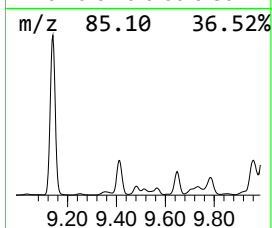
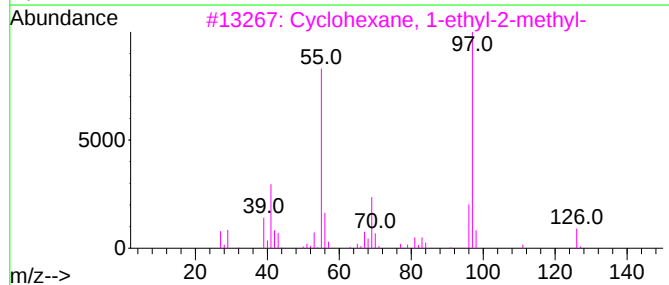
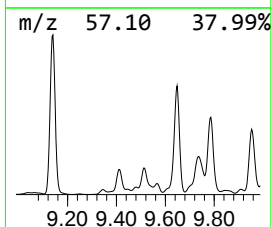
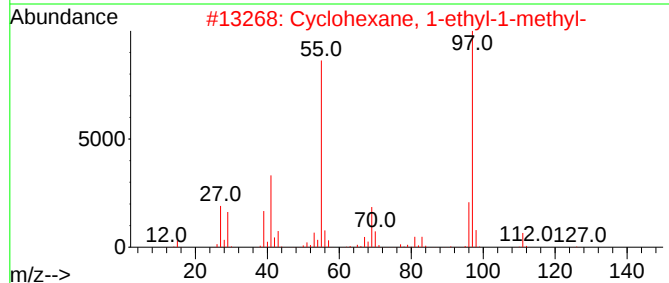
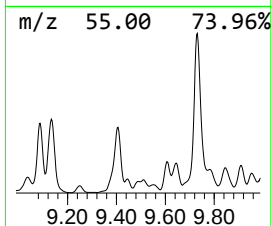
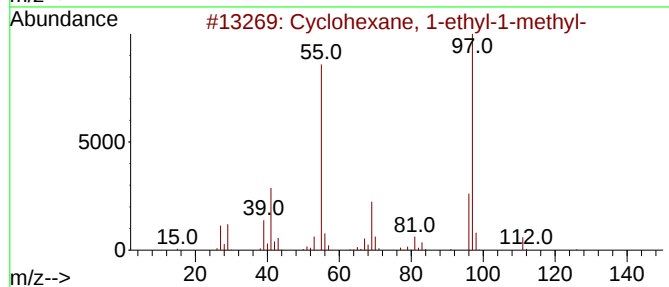
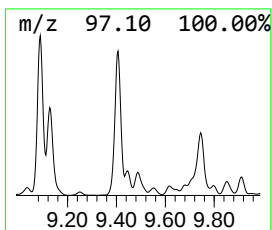
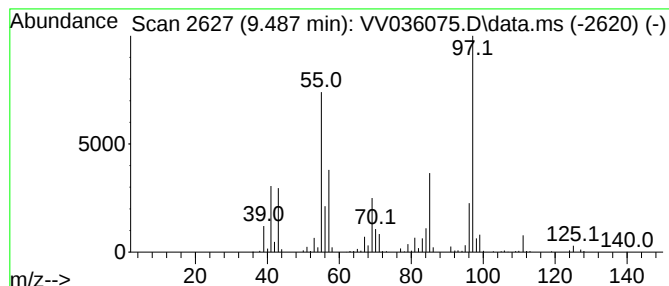
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Quant Title : VOC Analysis

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

Peak Number 17 (DEL) Alkane: Cyclic9.487 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.487	2.05 ug/L	156257	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	59
2		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	59
3		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	53
4		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	53
5		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COSH0

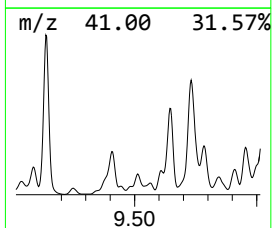
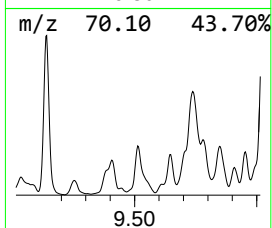
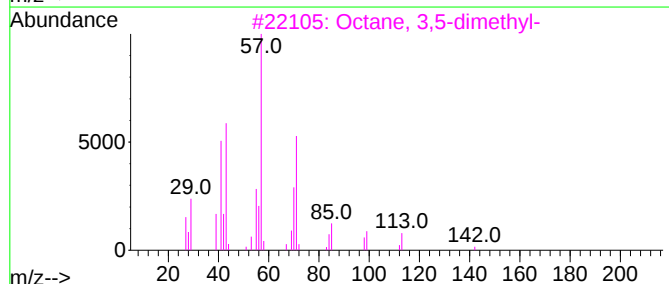
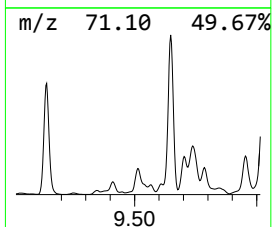
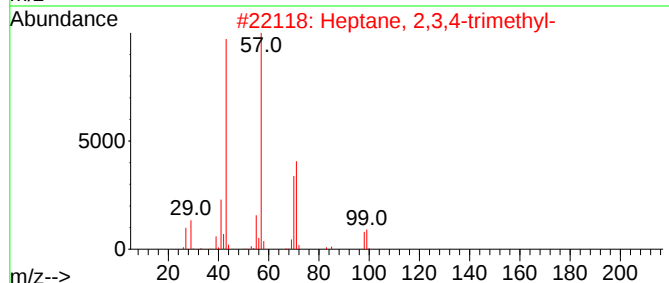
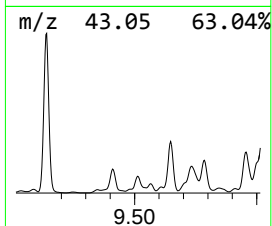
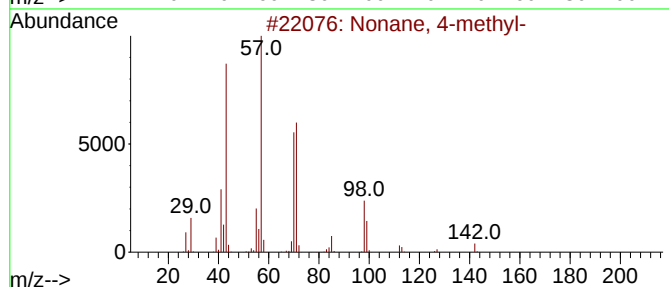
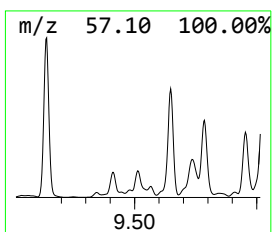
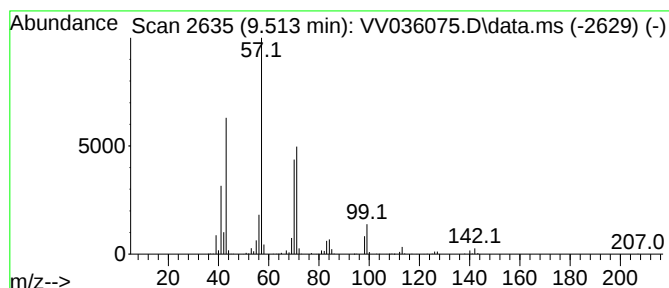
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Quant Title : VOC Analysis

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.513	7.05 ug/L	538033	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 4-methyl-	142	C10H22	017301-94-9	86
2		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	72
3		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
4		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	62
5		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

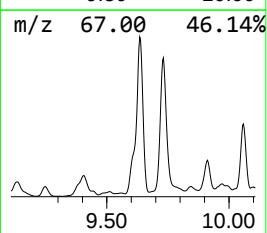
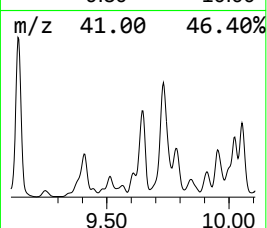
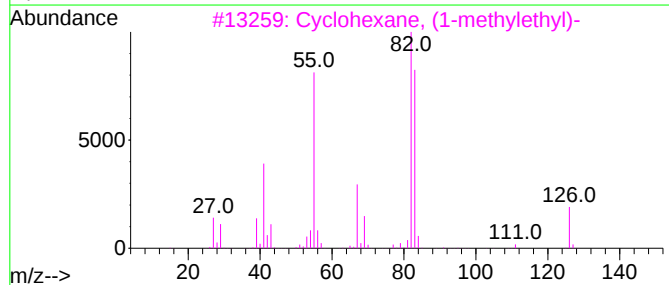
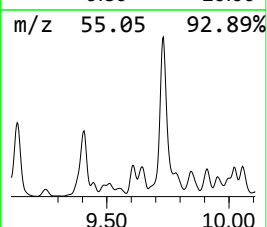
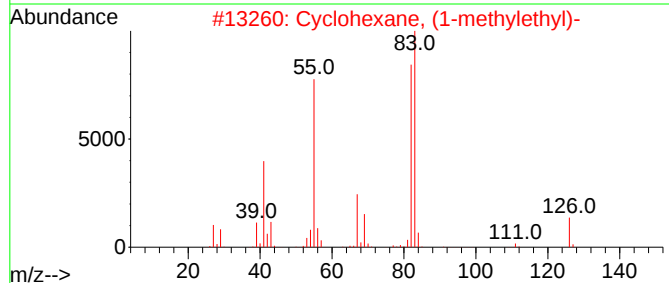
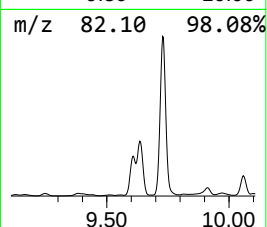
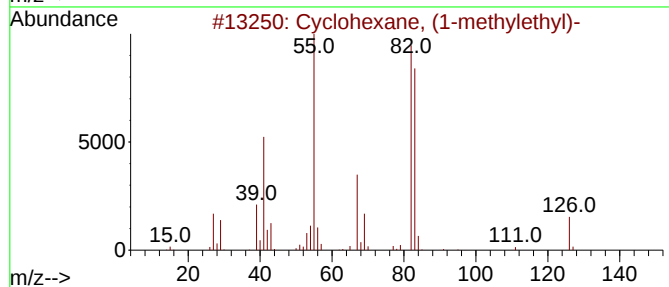
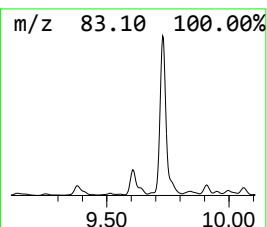
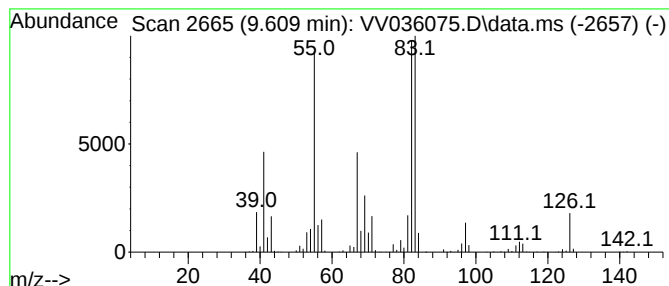
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ClientSampleId :
COSH0

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Quant Title : VOC Analysis

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

Peak Number 19 (DEL) Alkane: Cyclic9.609 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD			R.T.
9.609	9.86 ug/L	752129	Chlorobenzene-d5			8.783
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-		126	C9H18	000696-29-7	90
2	Cyclohexane, (1-methylethyl)-		126	C9H18	000696-29-7	81
3	Cyclohexane, (1-methylethyl)-		126	C9H18	000696-29-7	81
4	Cyclohexane, (1-methylethyl)-		126	C9H18	000696-29-7	74
5	1H-Pyrrole, 2,3-dihydro-1-methyl-		83	C5H9N	033838-11-8	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COSH0

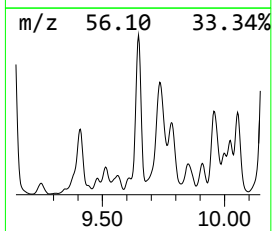
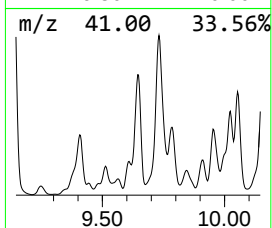
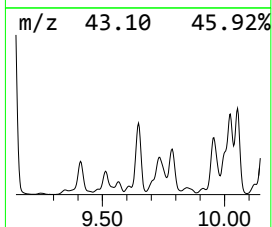
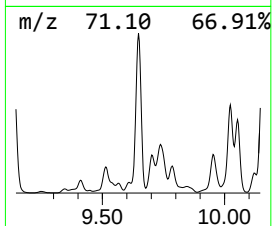
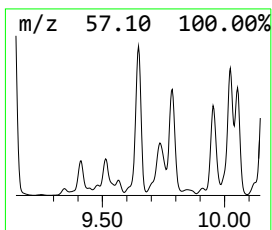
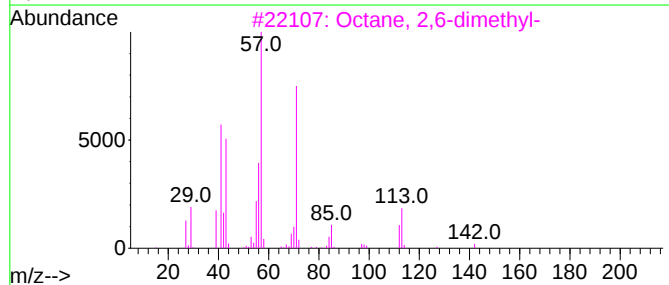
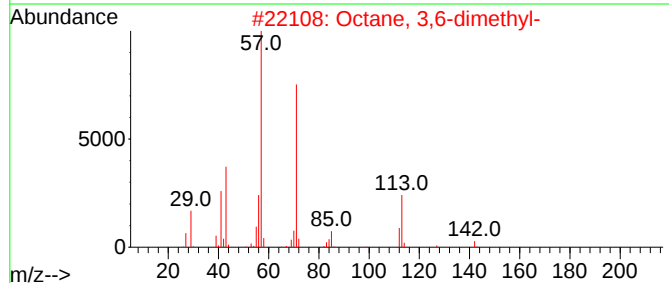
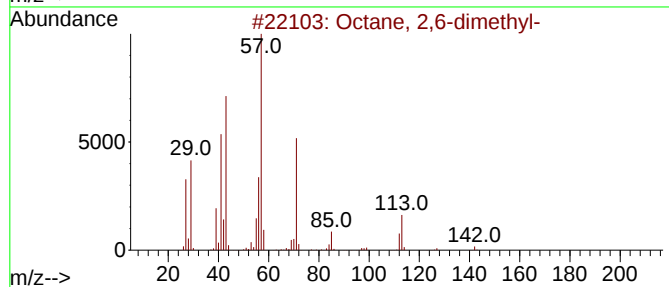
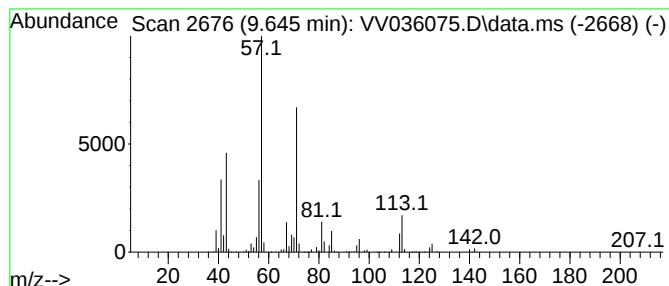
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.645	57.66 ug/L	4397790	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	81
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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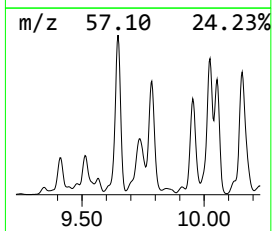
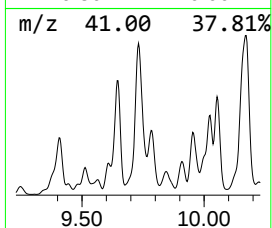
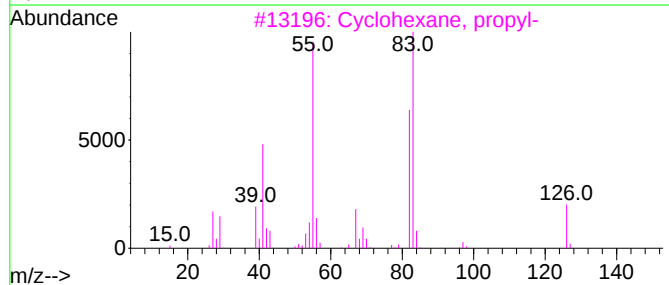
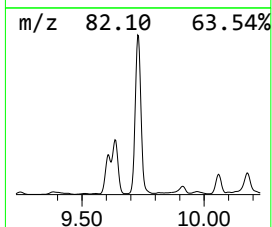
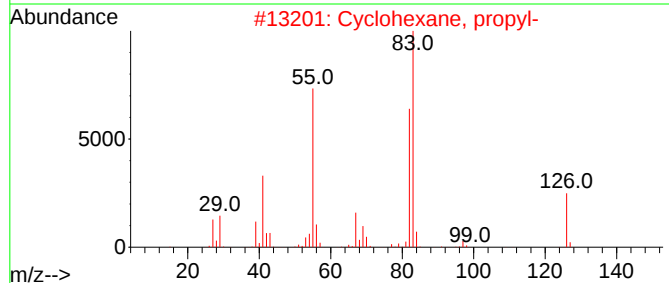
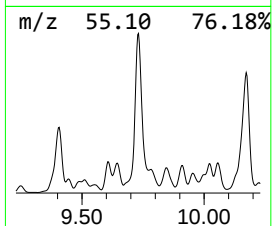
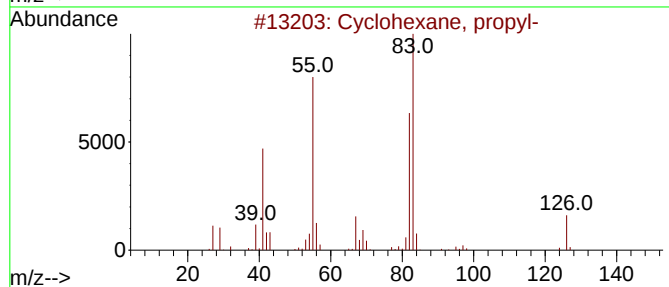
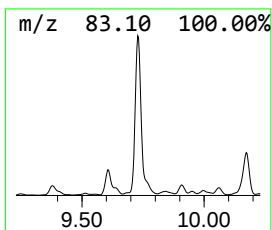
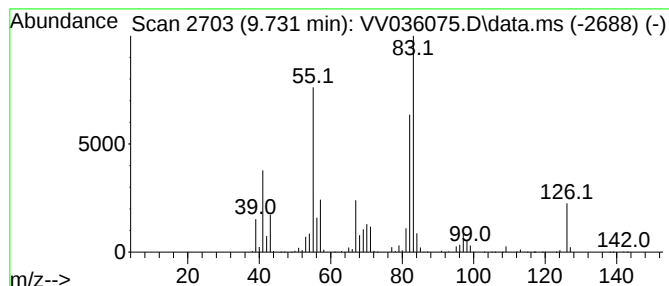
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Quant Title : VOC Analysis

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

Peak Number 21 (DEL) Alkane: Cyclic9.731 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.731	101.89 ug/L	7770870	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, propyl-	126	C9H18	001678-92-8	90
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	87
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	80
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	76
5		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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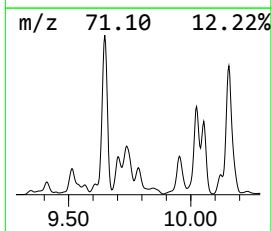
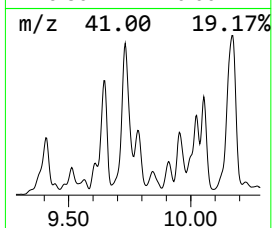
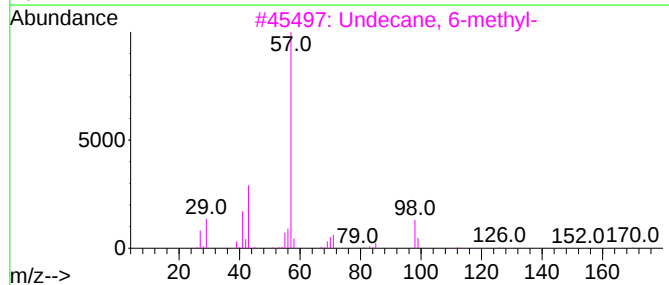
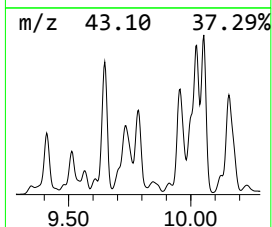
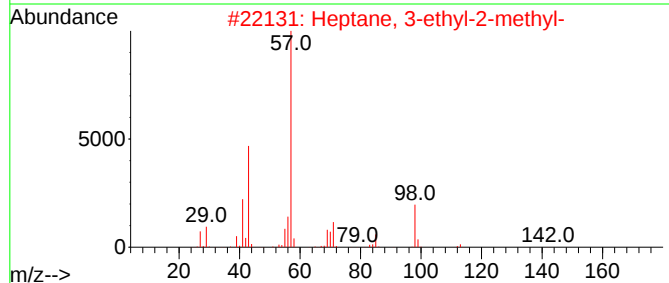
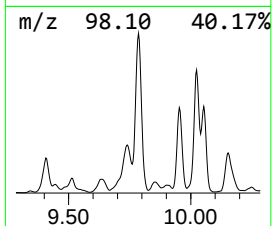
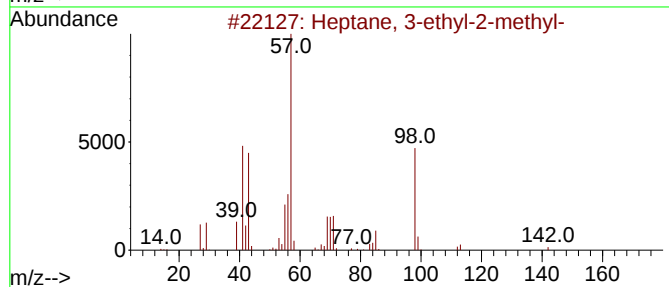
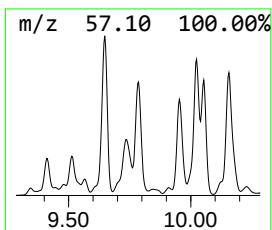
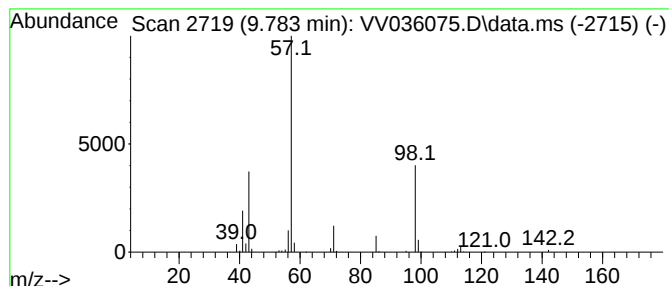
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Quant Title : VOC Analysis

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.783	26.41 ug/L	2013950	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	86
2			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	74
3			Undecane, 6-methyl-	170	C12H26	017302-33-9	72
4			Undecane, 6-methyl-	170	C12H26	017302-33-9	72
5			Heptane, 4-propyl-	142	C10H22	003178-29-8	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COSH0

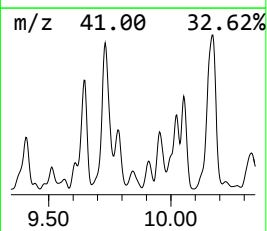
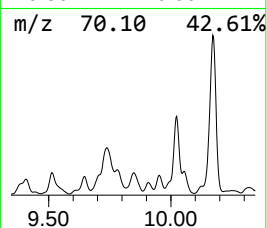
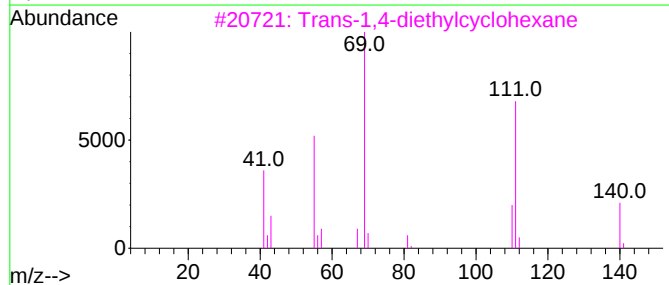
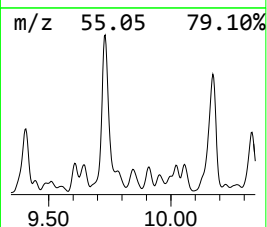
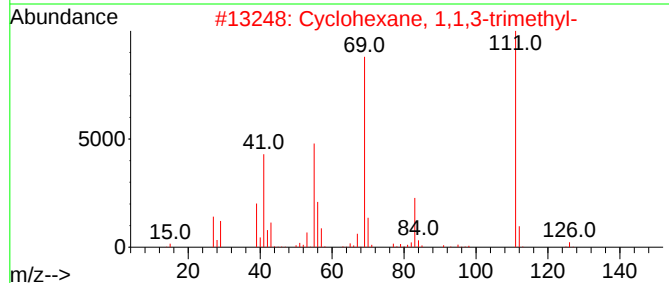
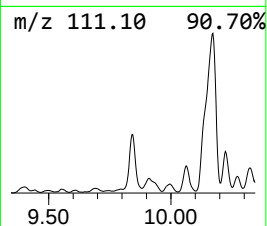
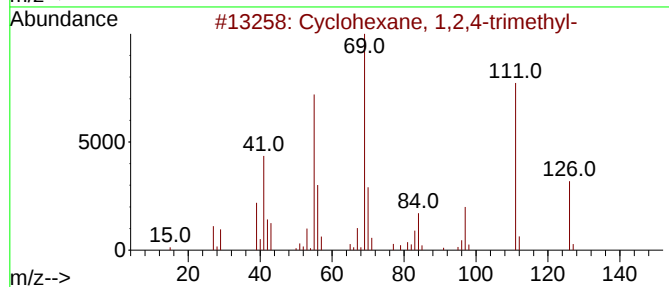
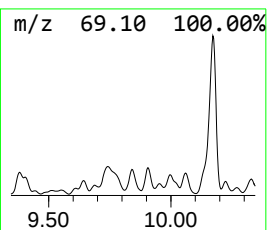
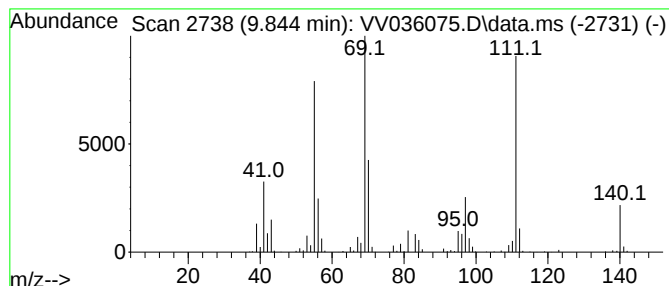
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Quant Title : VOC Analysis

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

Peak Number 23 (DEL) Alkane: Cyclic9.844 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.844	12.70 ug/L	968234	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	64
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	53
3			Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	52
4			Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	50
5			1,1'-Bicyclooctyl	222	C16H30	006708-17-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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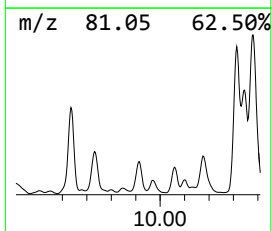
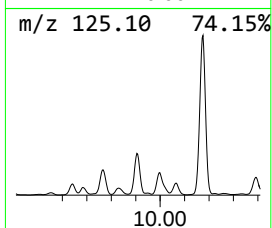
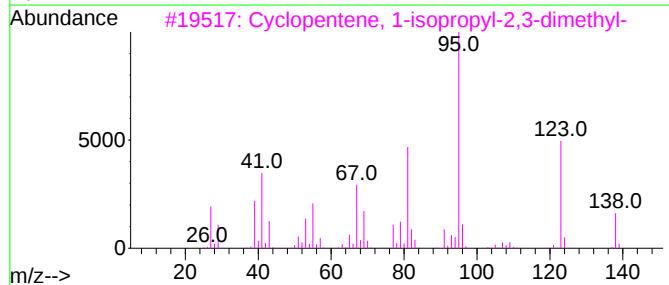
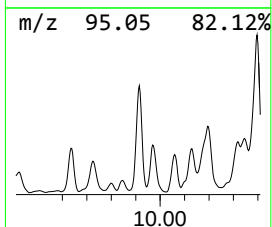
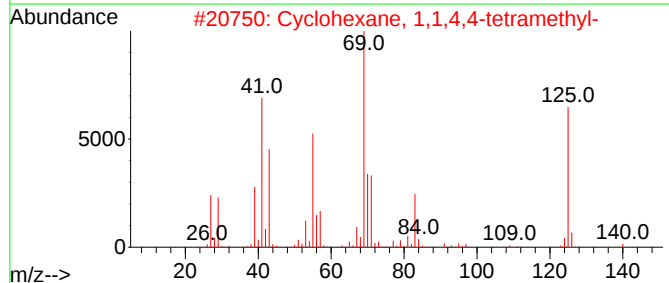
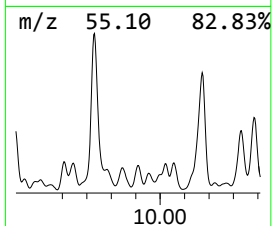
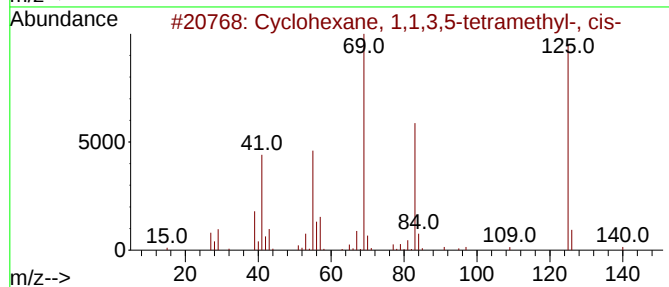
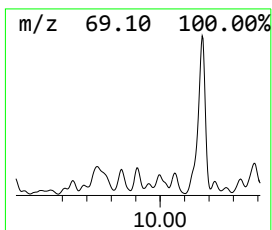
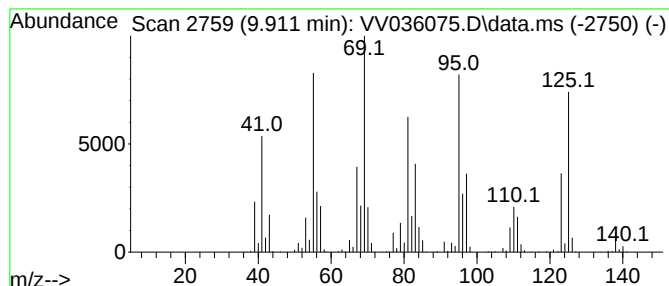
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Quant Title : VOC Analysis

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

Peak Number 24 (DEL) Alkane: Cyclic9.911 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.911	18.45 ug/L	1407210	Chlorobenzene-d5	8.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	43
2			Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	38
3			Cyclopentene, 1-isopropyl-2,3-di...	138	C10H18	007712-73-4	35
4			5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	25
5			Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COSH0

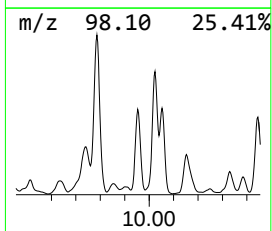
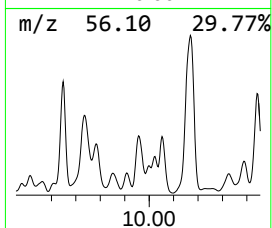
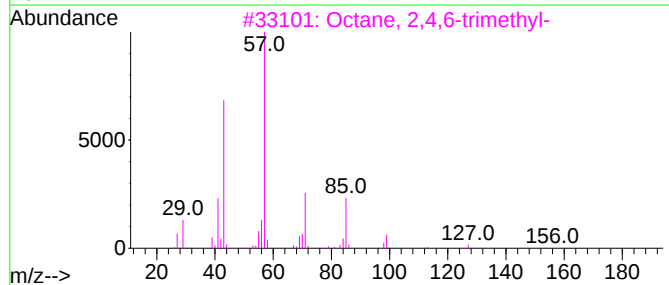
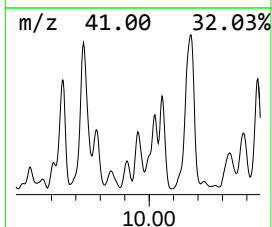
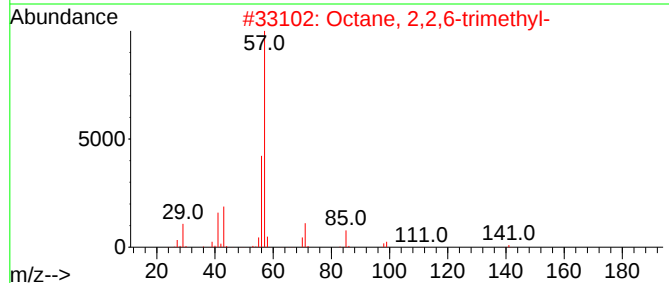
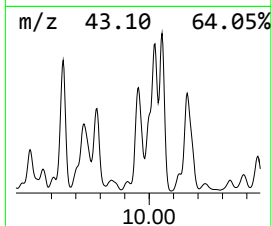
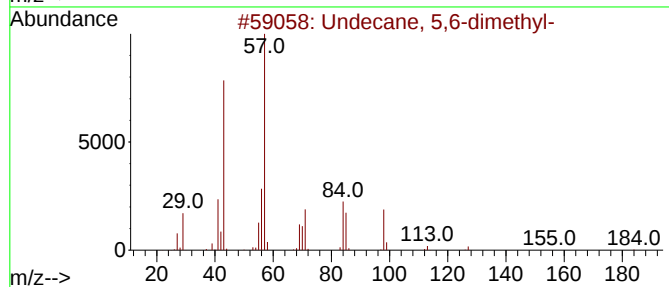
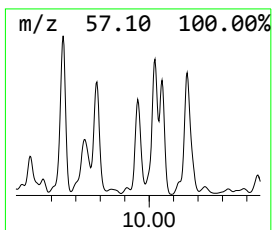
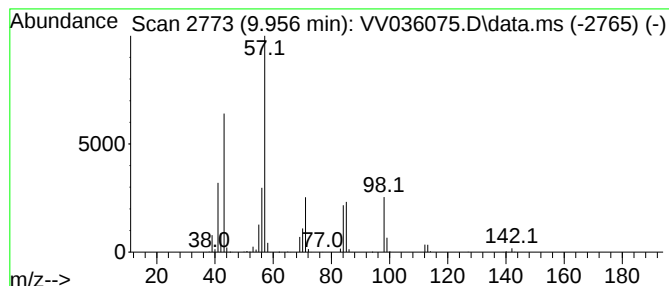
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Quant Title : VOC Analysis

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.956	30.14 ug/L	2298610	Chlorobenzene-d5	8.783

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	83
2		Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	53
3		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50
4		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	49
5		Decane	142	C10H22	000124-18-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COSH0

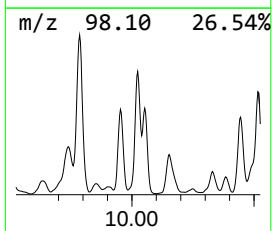
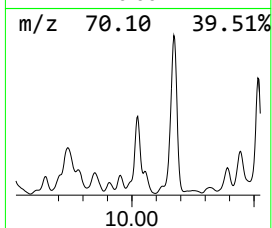
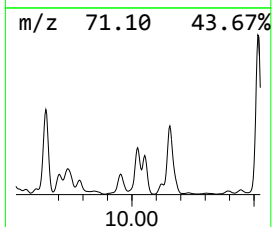
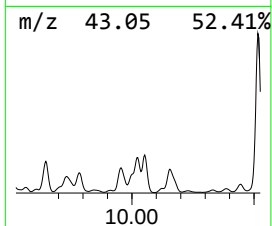
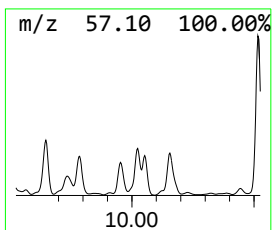
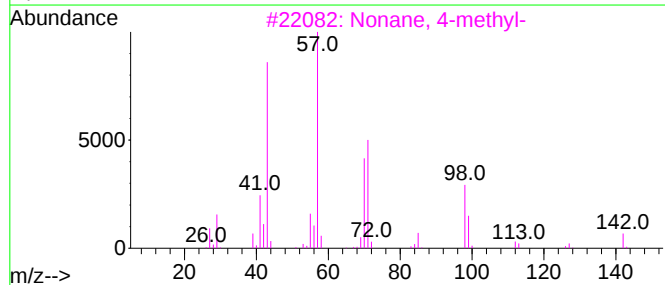
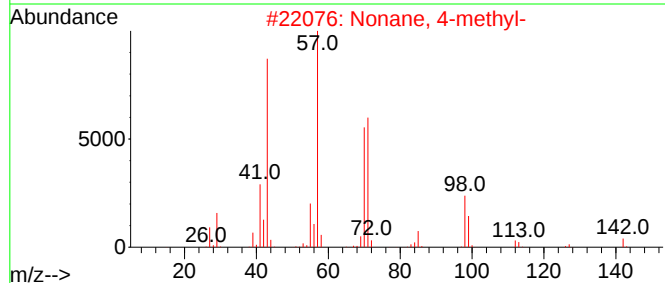
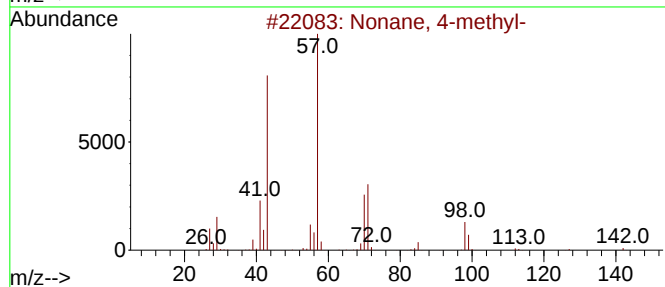
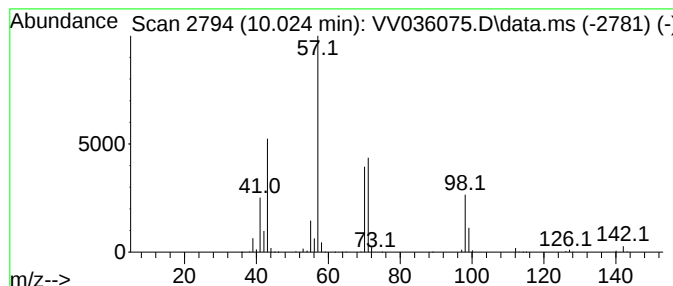
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Quant Title : VOC Analysis

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.024	40.61 ug/L	3435520	1,4-Dichlorobenzene-d4	11.181

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	80
3			Nonane, 4-methyl-	142	C10H22	017301-94-9	64
4			Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
5			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COSH0

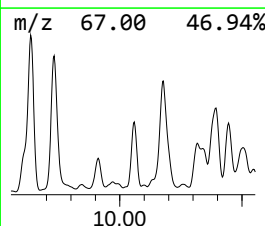
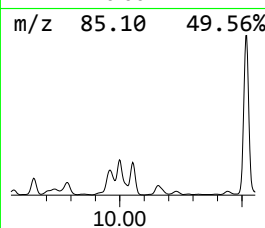
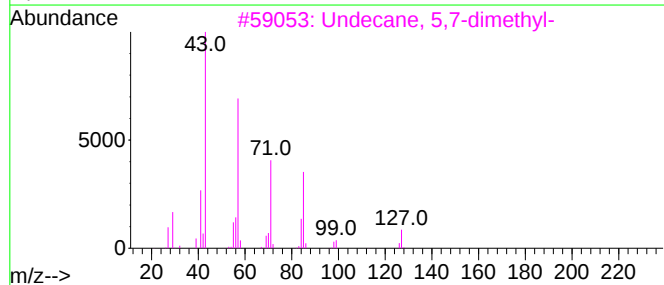
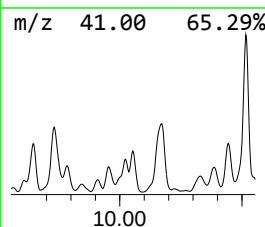
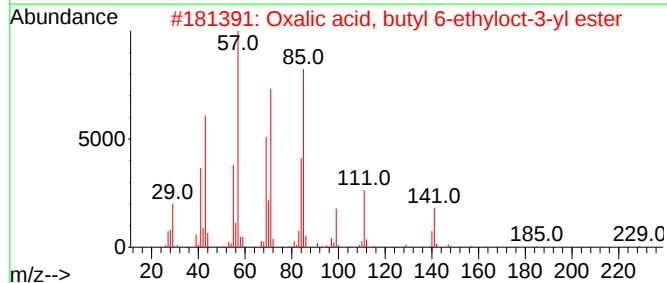
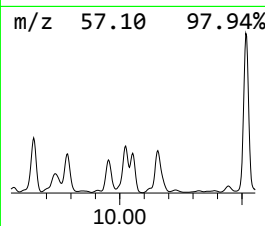
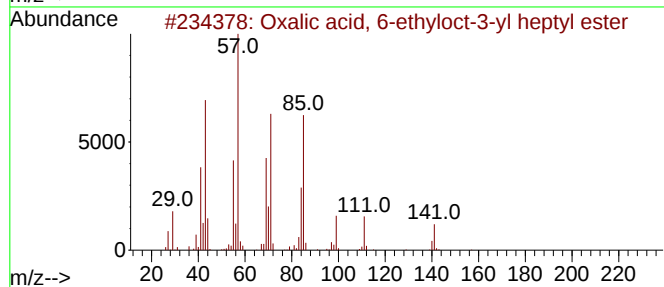
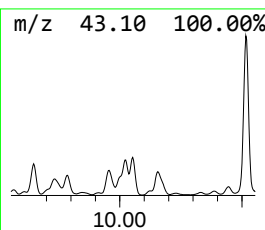
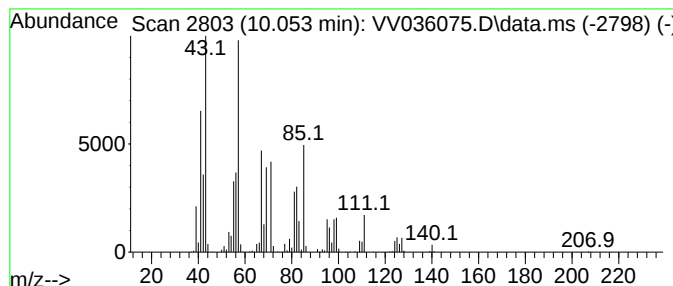
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Quant Title : VOC Analysis

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

Peak Number 27 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.053	35.18 ug/L	2976500	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	43
2			Oxalic acid, butyl 6-ethyloct-3-...	286	C16H30O4	1000309-34-2	38
3			Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	38
4			Oxalic acid, 6-ethyloct-3-yl eth...	258	C14H26O4	1000309-33-9	38
5			Dodecane, 2-methyl-	184	C13H28	001560-97-0	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COSH0

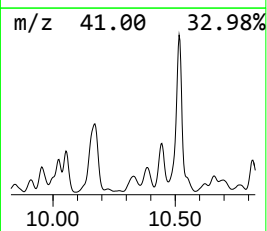
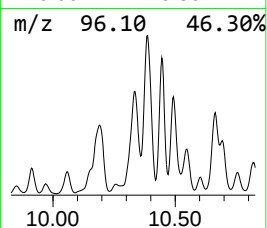
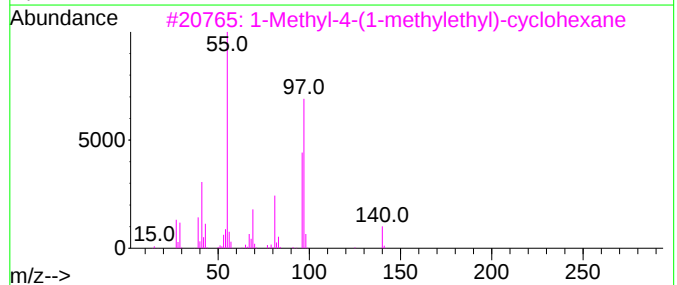
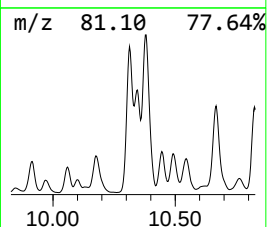
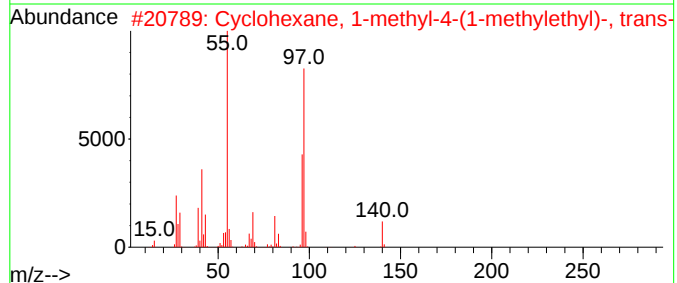
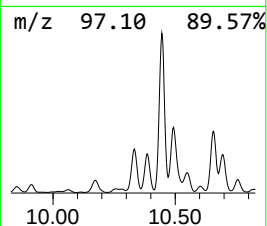
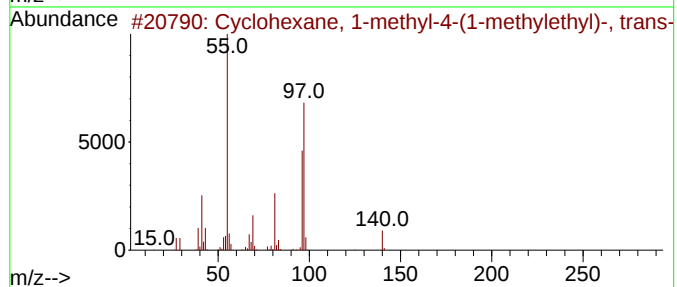
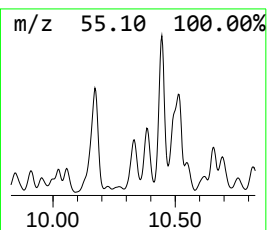
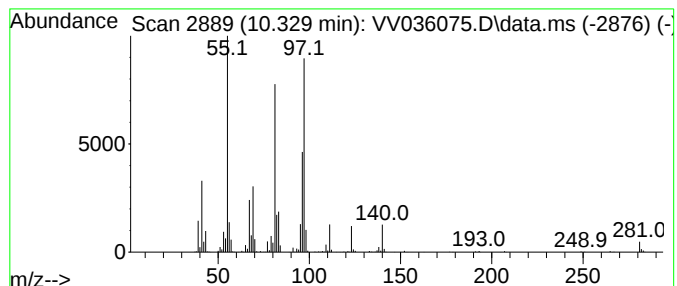
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Quant Title : VOC Analysis

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

Peak Number 28 (DEL) Alkane: Cyclic10.329 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.329	36.37 ug/L	3076940	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	55
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	49
3			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	49
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	49
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COSH0

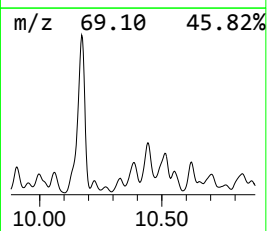
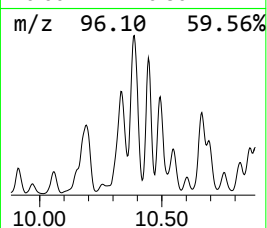
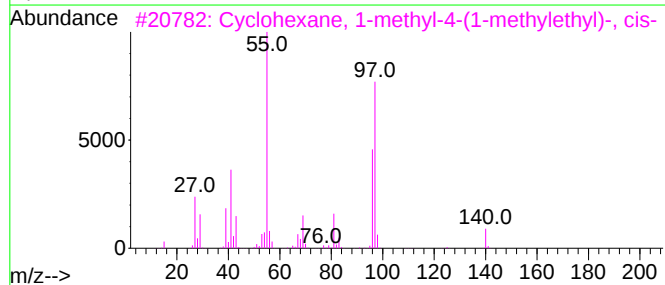
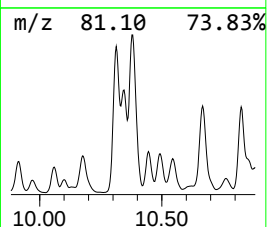
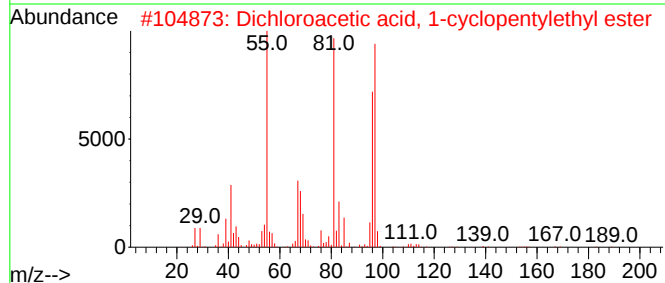
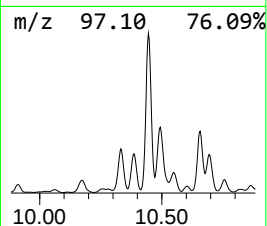
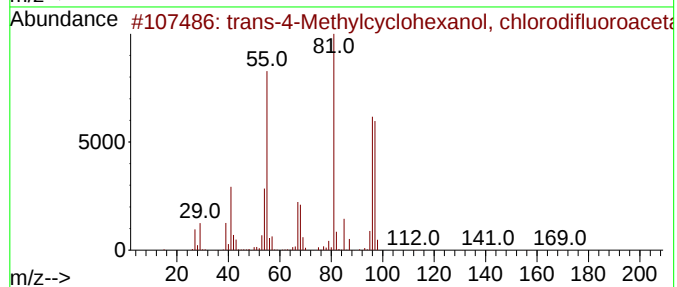
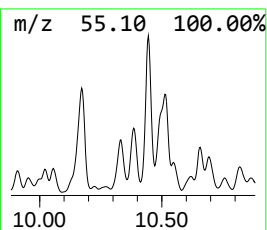
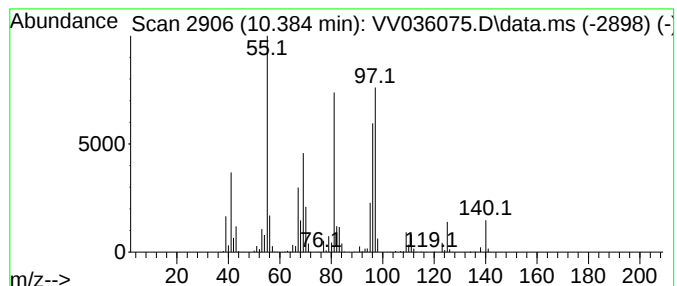
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Quant Title : VOC Analysis

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

Peak Number 29 trans-4-Methylcyclohexanol,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.384	37.31 ug/L	3157110	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-4-Methylcyclohexanol, chlo...	226	C9H13ClF2O2	1000376-26-1	59
2			Dichloroacetic acid, 1-cyclopent...	224	C9H14Cl2O2	1010282-56-3	59
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	46
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	45
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COSH0

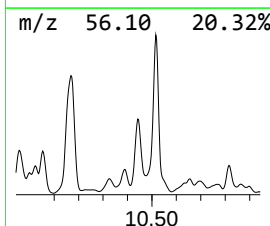
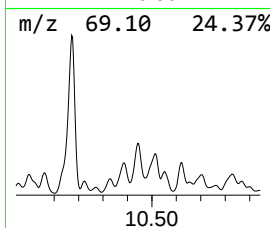
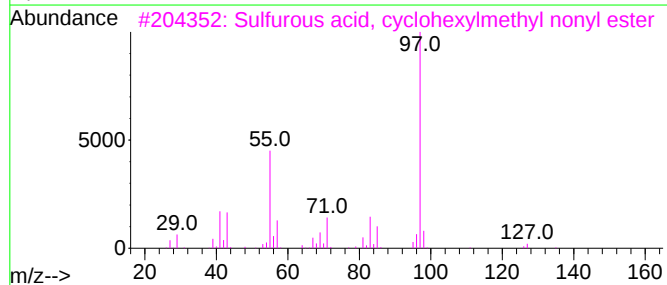
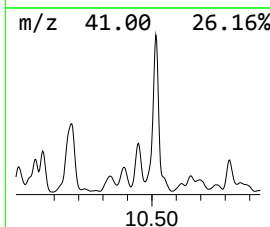
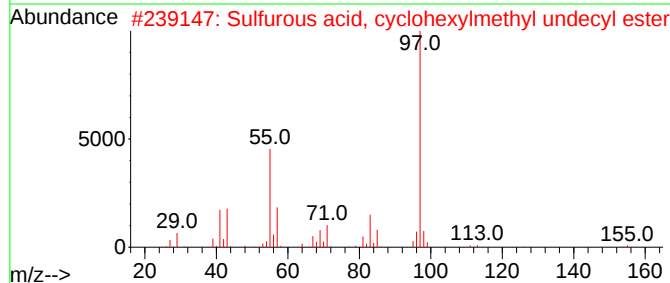
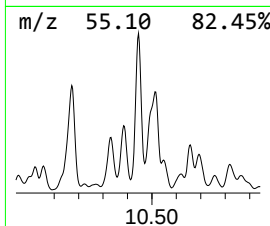
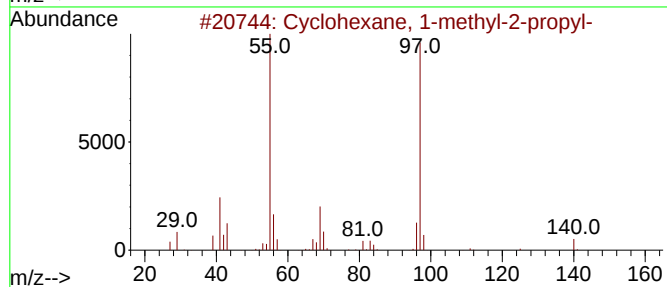
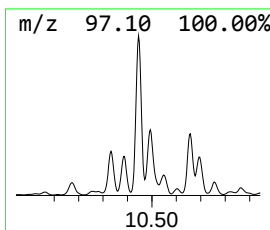
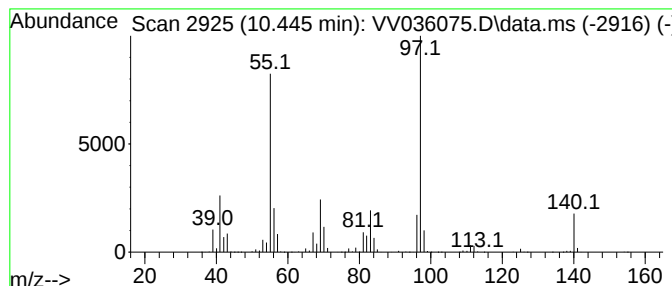
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Quant Title : VOC Analysis

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

Peak Number 30 (DEL) Alkane: Cyclic10.445 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.445	53.42 ug/L	4519580	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	80
2			Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	64
3			Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	64
4			3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	64
5			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COSH0

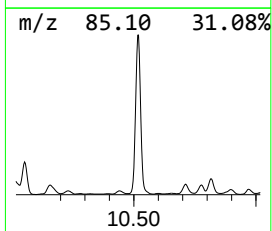
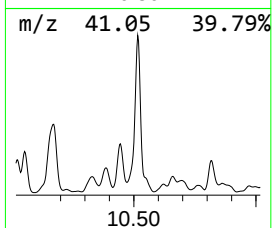
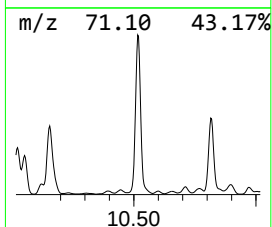
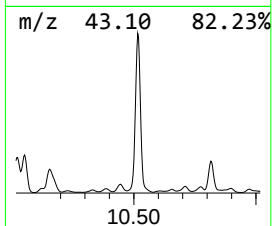
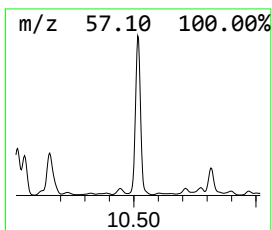
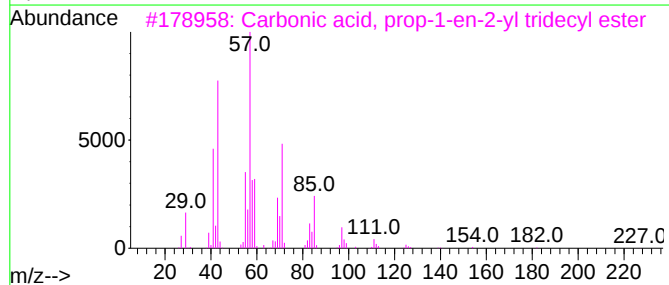
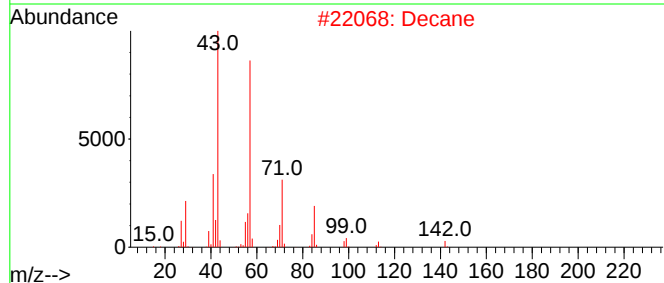
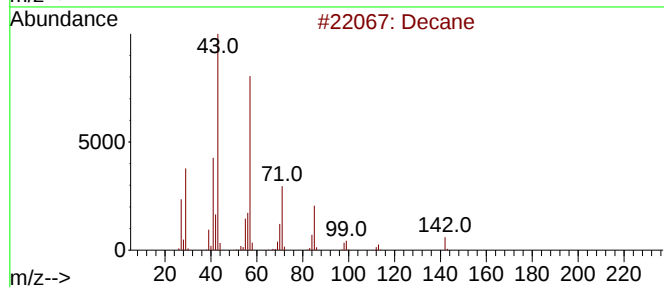
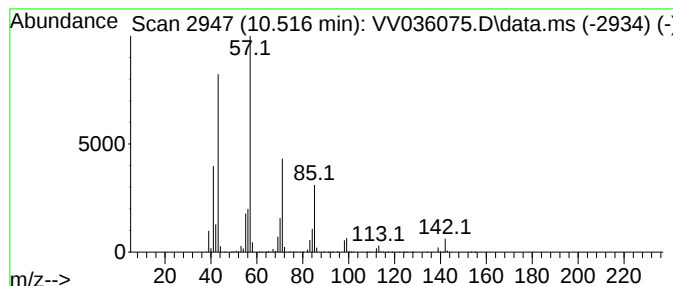
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Quant Title : VOC Analysis

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.516	159.21 ug/L	13470100	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	95
2			Decane	142	C10H22	000124-18-5	91
3			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	90
4			Tetradecane	198	C14H30	000629-59-4	86
5			Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COSH0

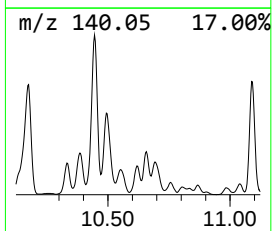
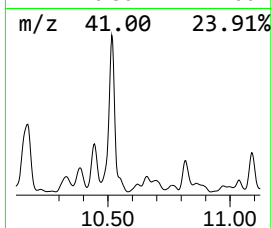
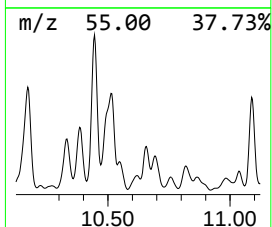
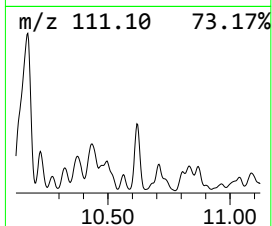
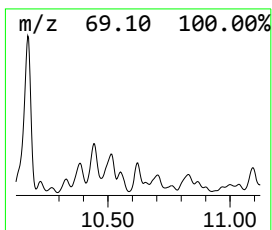
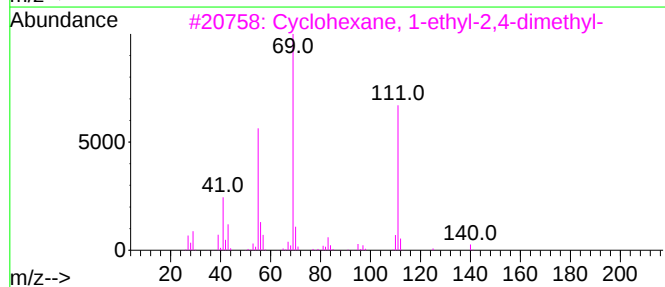
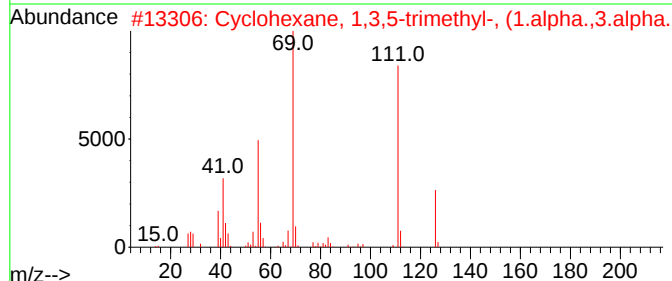
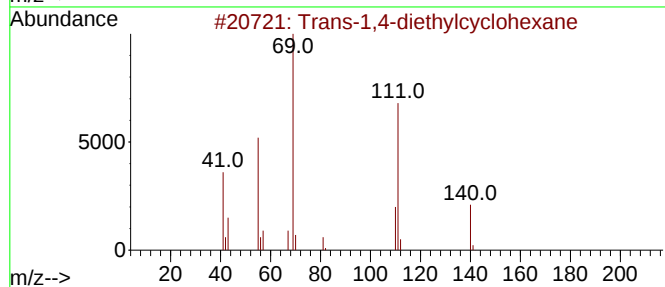
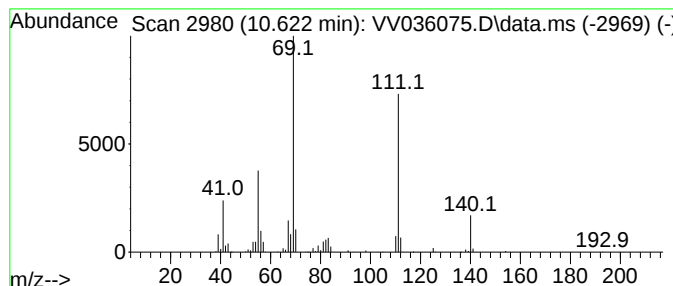
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Quant Title : VOC Analysis

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

Peak Number 32 (DEL) Alkane: Cyclic10.622 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	9.51 ug/L	804214	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	83
2			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	78
3			Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	78
4			1,1'-Bicyclooctyl	222	C16H30	006708-17-4	72
5			Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-30-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

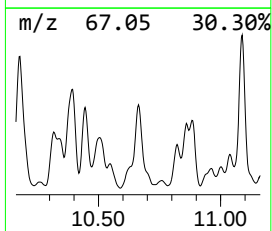
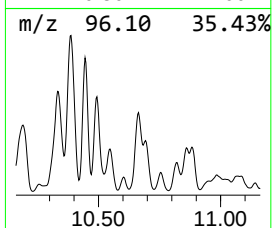
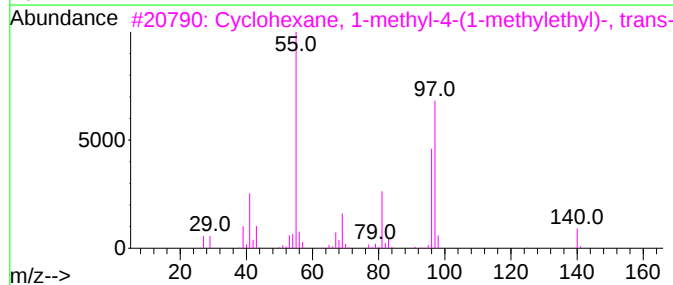
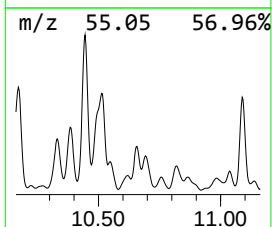
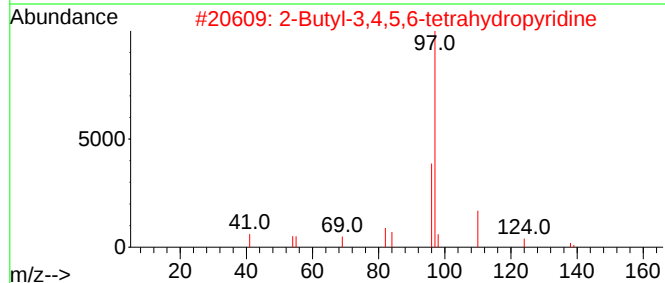
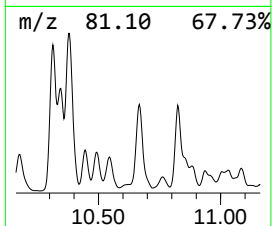
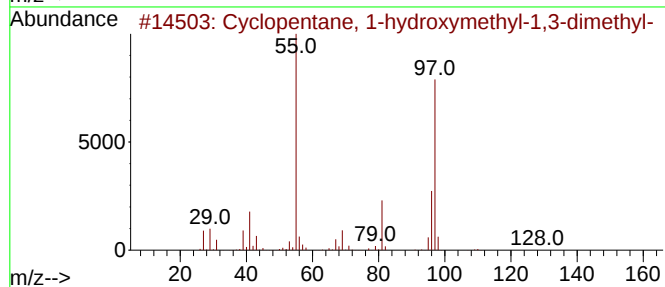
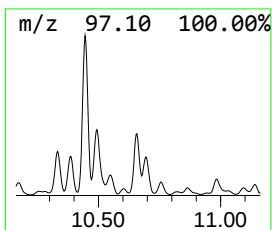
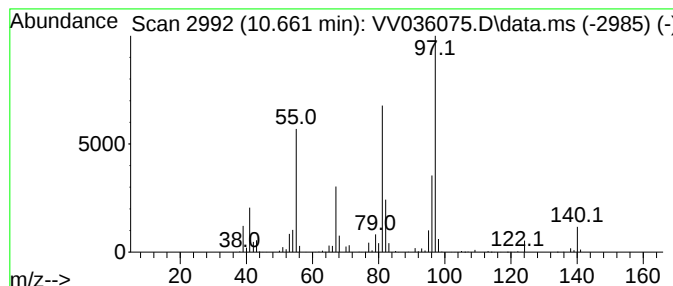
Instrument :
MSVOA_V
ClientSampleId :
C0SH0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 33 Cyclopentane, 1-hydroxymeth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.661	15.70 ug/L	1328380	1,4-Dichlorobenzene-d4	11.181	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-hydroxymethyl-1,...	128	C8H16O	1000156-73-8	50
2	2-Butyl-3,4,5,6-tetrahydropyridine	139	C9H17N	001462-94-8	47
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	43
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	38
5	2-Pyrazoline, 1-butyl-5-methyl-	140	C8H16N2	022581-50-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COSH0

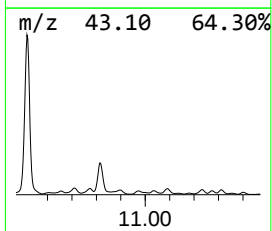
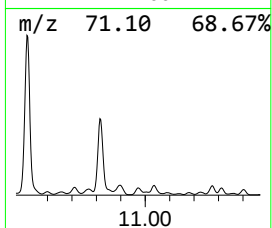
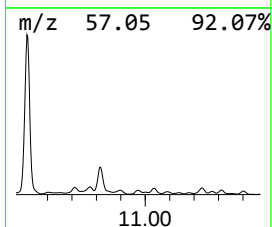
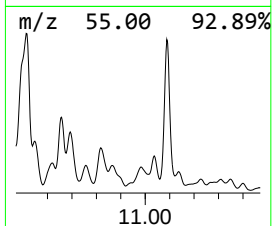
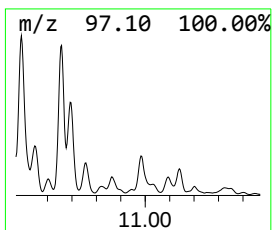
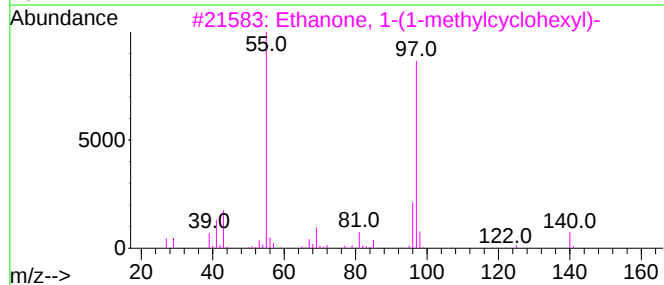
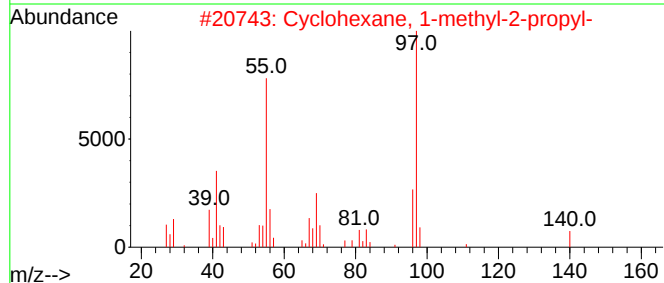
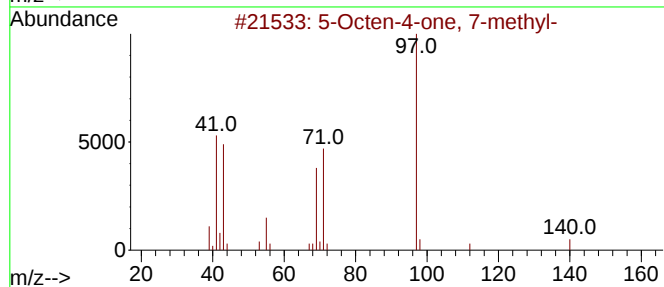
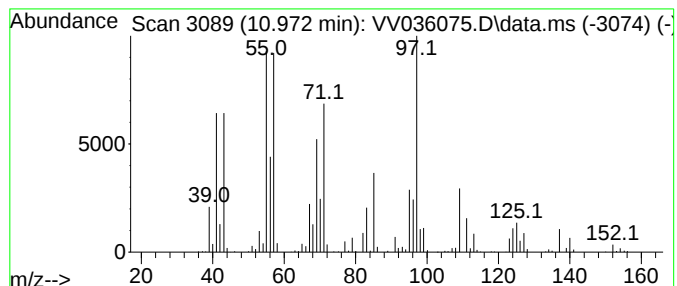
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Quant Title : VOC Analysis

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

Peak Number 34 unknown-02 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.972	9.15 ug/L	774281	1,4-Dichlorobenzene-d4	11.181

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	38
2		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	30
3		Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	27
4		Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	25
5		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COSH0

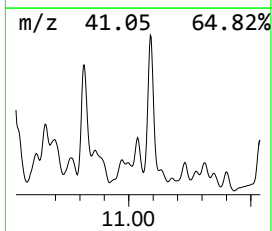
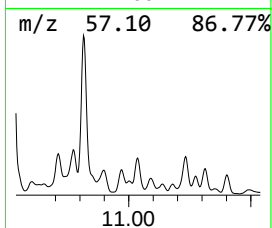
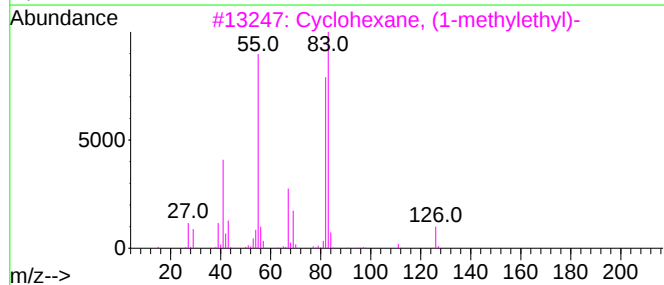
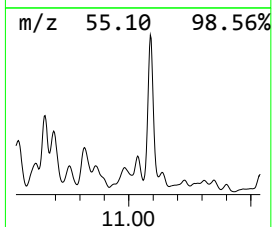
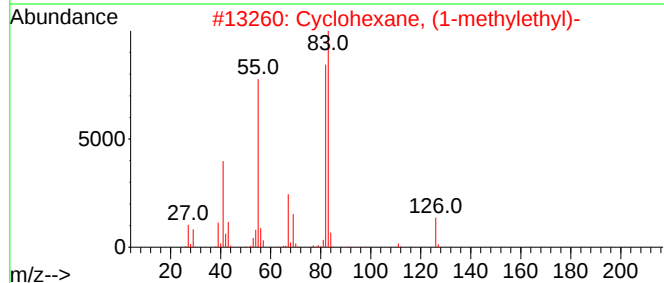
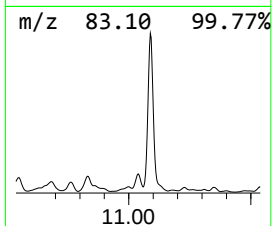
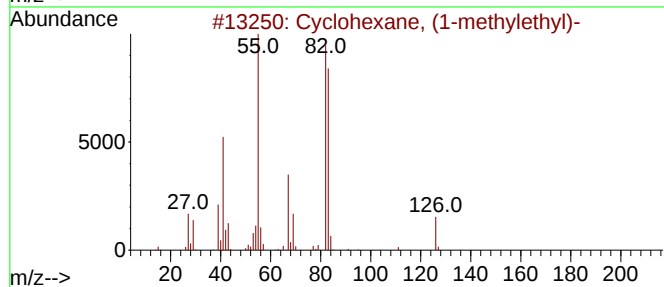
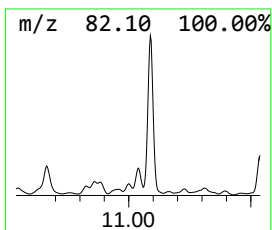
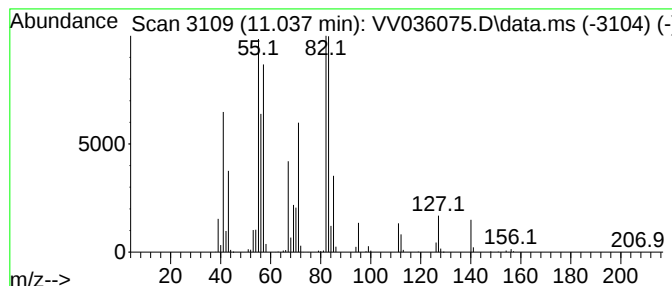
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Quant Title : VOC Analysis

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

Peak Number 35 (DEL) Alkane: Cyclic11.037 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.037	7.49 ug/L	633303	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	60
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	60
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	60
4			Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	53
5			Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COSH0

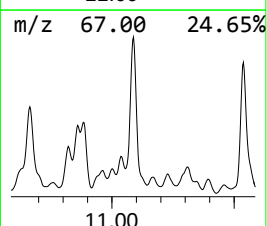
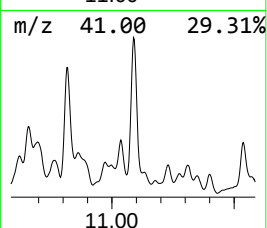
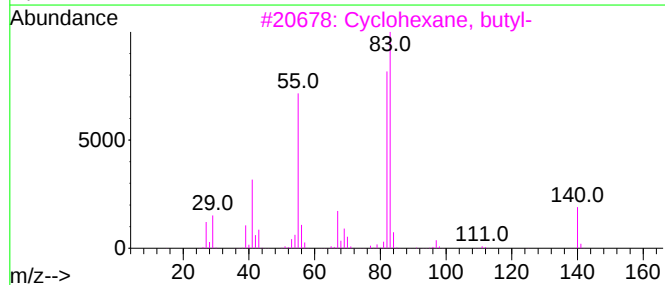
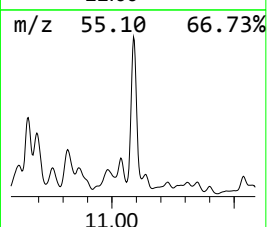
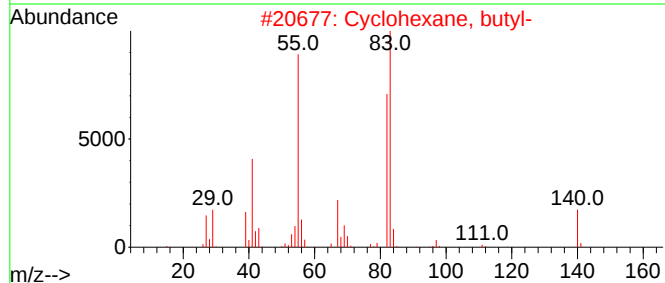
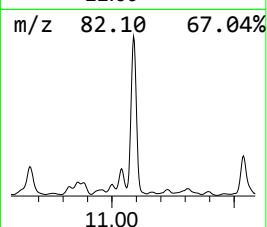
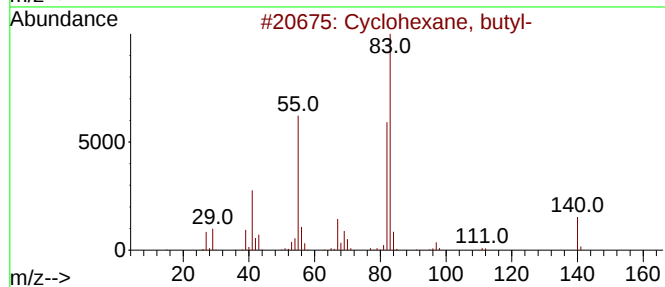
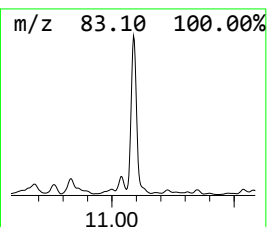
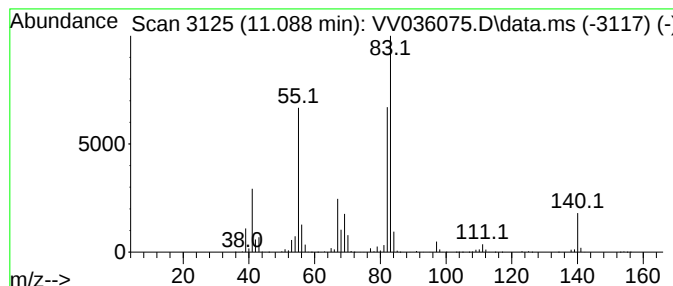
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Quant Title : VOC Analysis

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

Peak Number 36 (DEL) Alkane: Cyclic11.088 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.088	37.09 ug/L	3138440	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	93
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	91
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	87
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	80
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COSH0

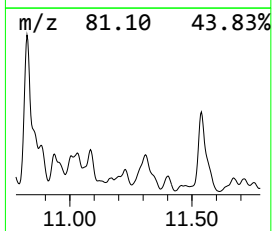
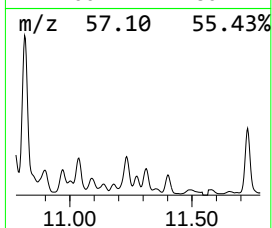
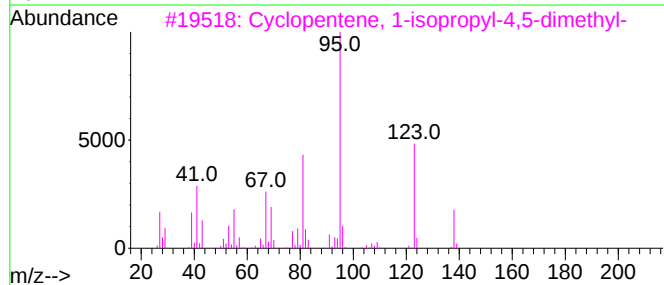
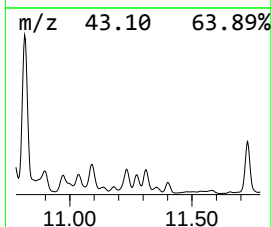
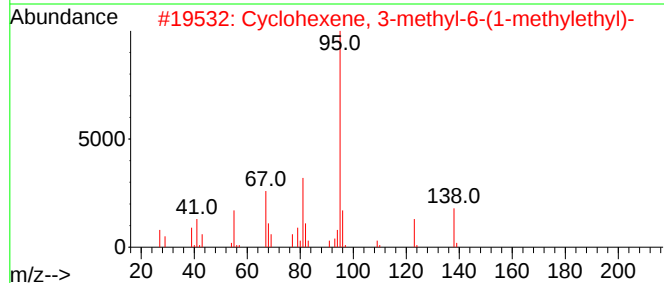
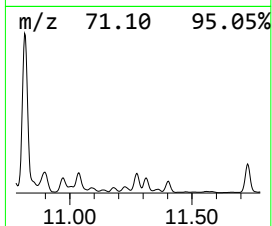
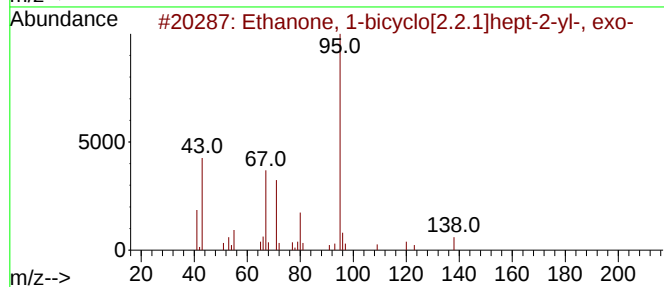
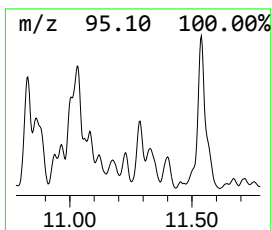
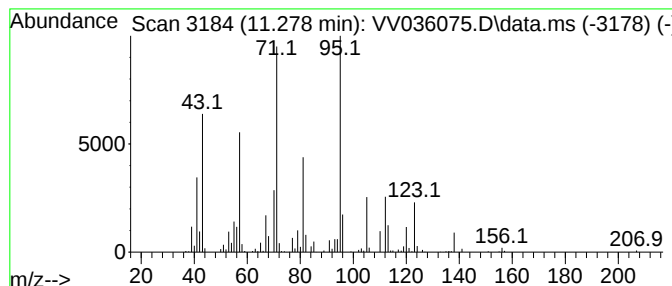
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Quant Title : VOC Analysis

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

Peak Number 37 unknown-03 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.278	2.64 ug/L	223066	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanone, 1-bicyclo[2.2.1]hept-2...	138	C9H14O	000824-59-9	43
2			Cyclohexene, 3-methyl-6-(1-methy...	138	C10H18	005256-65-5	30
3			Cyclopentene, 1-isopropyl-4,5-di...	138	C10H18	007712-74-5	27
4			3,4,4-Trimethyl-1-penten-3-ol	128	C8H16O	003732-61-4	27
5			1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH0

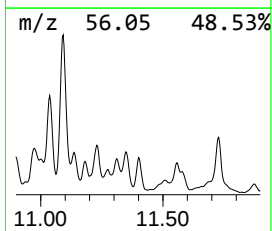
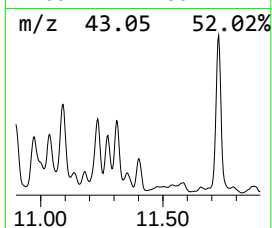
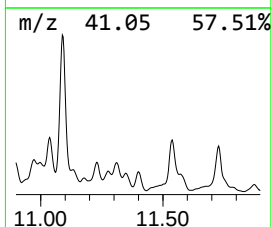
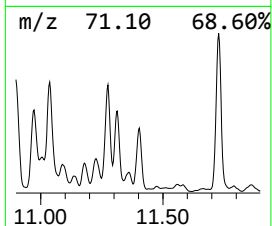
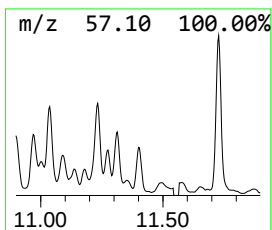
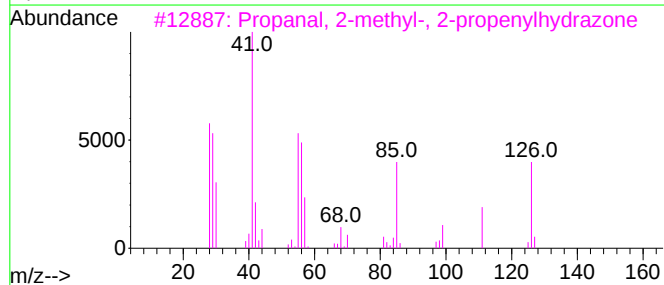
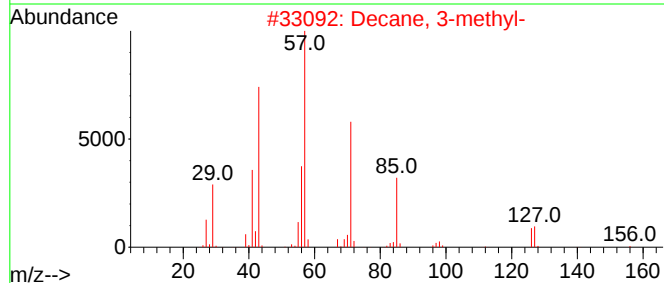
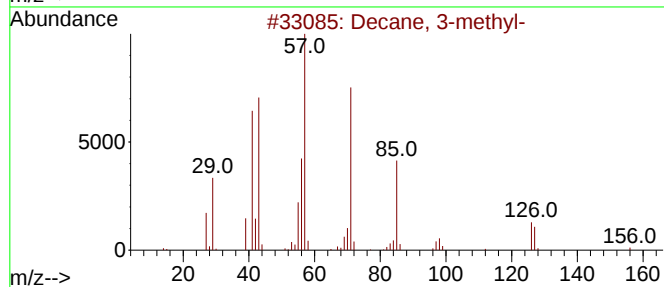
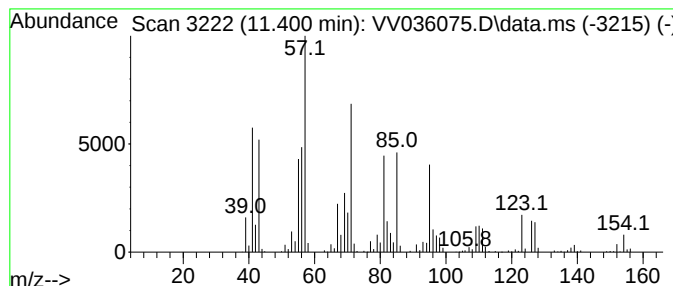
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Quant Title : VOC Analysis

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.400	5.73 ug/L	485076	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-methyl-	156	C11H24	013151-34-3	95
2			Decane, 3-methyl-	156	C11H24	013151-34-3	47
3			Propanal, 2-methyl-, 2-propenylh...	126	C7H14N2	066075-08-9	38
4			Nonane, 5-butyl-	184	C13H28	017312-63-9	35
5			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COSH0

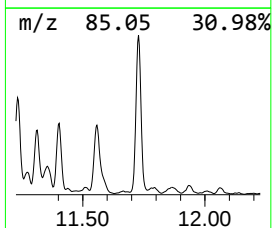
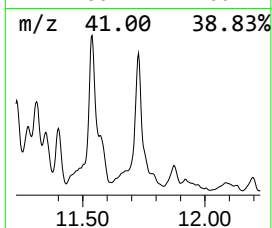
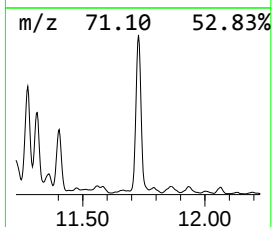
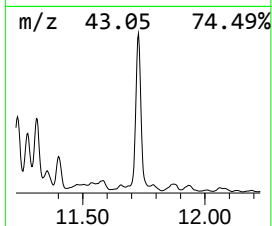
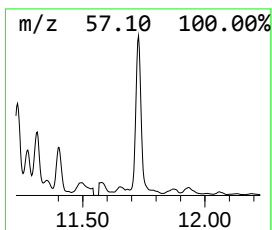
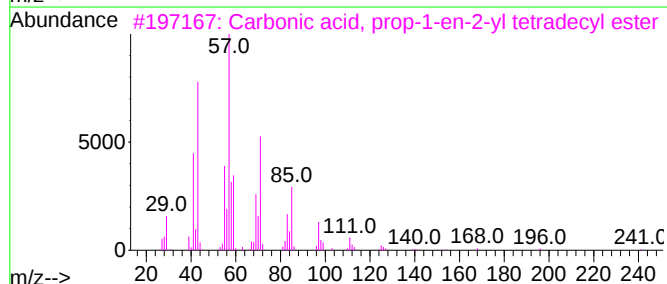
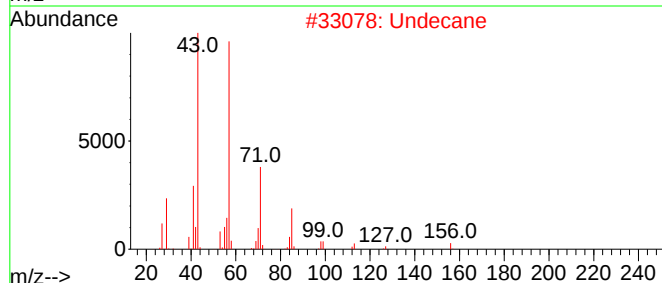
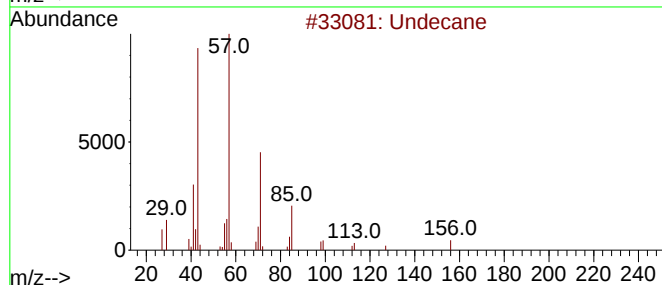
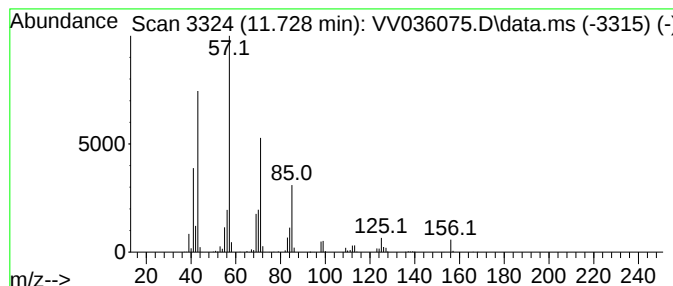
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Quant Title : VOC Analysis

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

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.728	12.17 ug/L	1029750	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	90
2	Undecane			156	C11H24	001120-21-4	87
3	Carbonic acid, prop-1-en-2-yl te...			298	C18H34O3	1000382-90-9	83
4	Undecane			156	C11H24	001120-21-4	81
5	Nonadecane			268	C19H40	000629-92-5	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COSH0

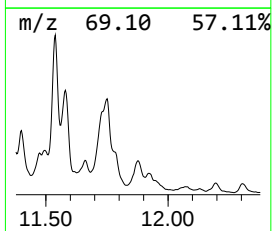
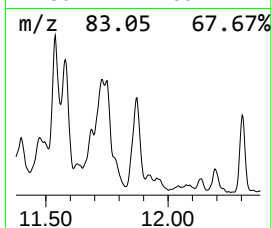
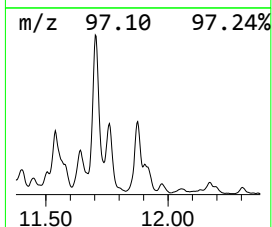
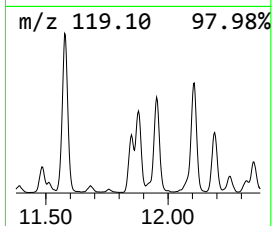
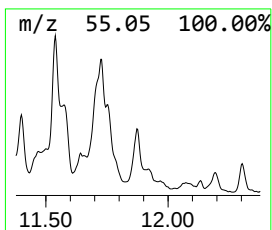
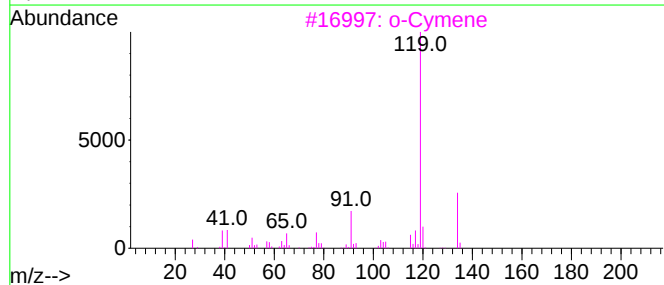
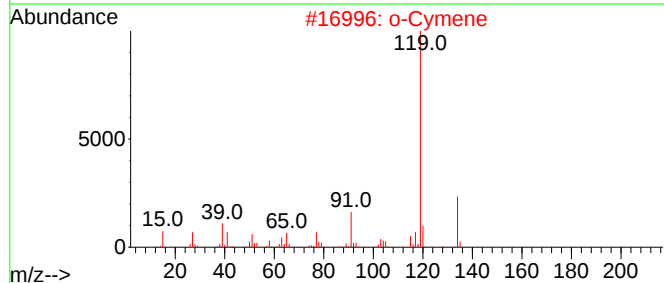
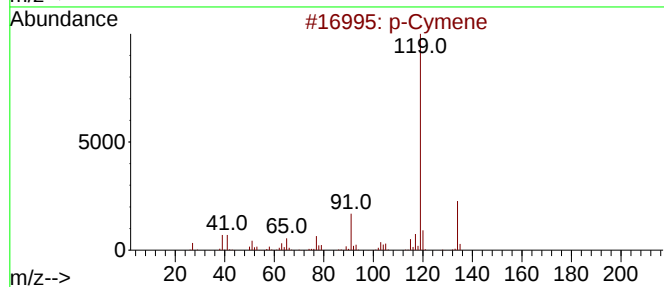
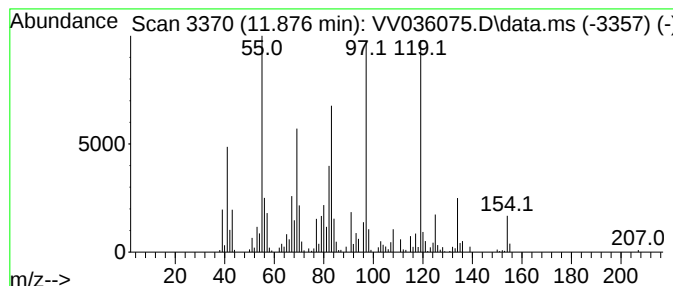
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Quant Title : VOC Analysis

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

Peak Number 40 p-Cymene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.876	3.46 ug/L	292377	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene			134	C10H14	000099-87-6	74
2	o-Cymene			134	C10H14	000527-84-4	74
3	o-Cymene			134	C10H14	000527-84-4	74
4	Benzene, 1-methyl-3-(1-methyleth...			134	C10H14	000535-77-3	74
5	p-Cymene			134	C10H14	000099-87-6	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COSH0

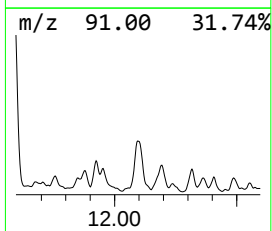
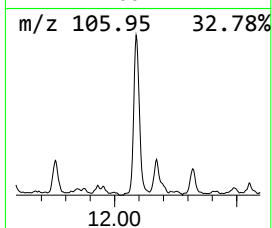
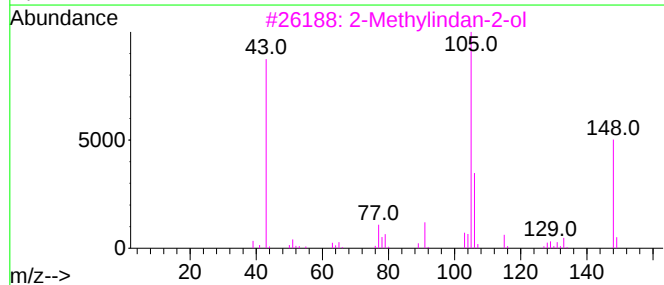
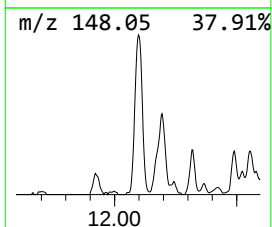
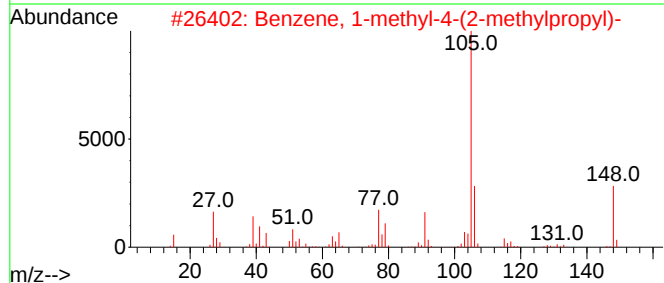
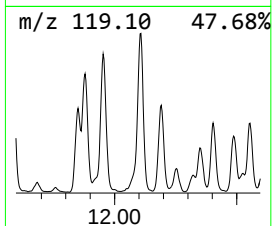
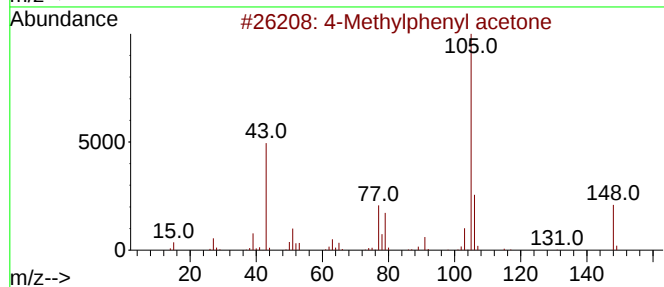
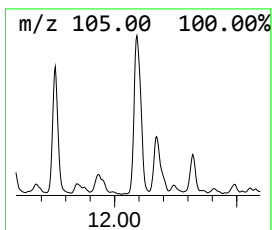
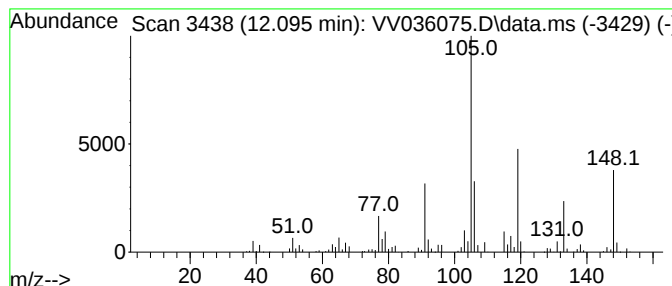
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Quant Title : VOC Analysis

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

Peak Number 41 4-Methylphenyl acetone Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	4.65 ug/L	393795	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Methylphenyl acetone	148	C10H12O	002096-86-8	50
2			Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	43
3			2-Methylindan-2-ol	148	C10H12O	033223-84-6	43
4			Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	43
5			3-Buten-2-ol, 4-phenyl-, (E)-	148	C10H12O	1000163-70-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COSH0

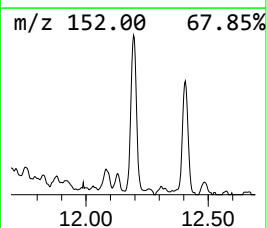
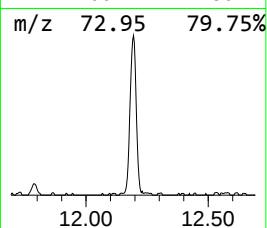
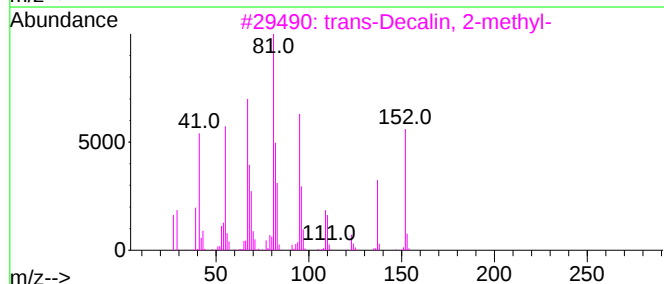
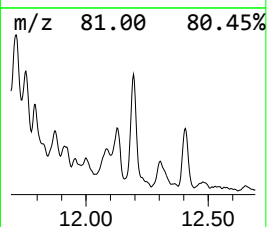
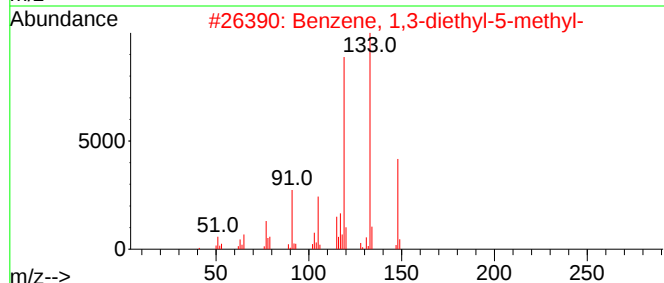
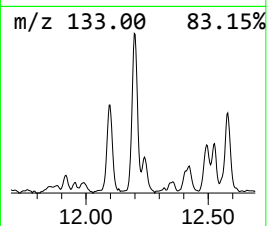
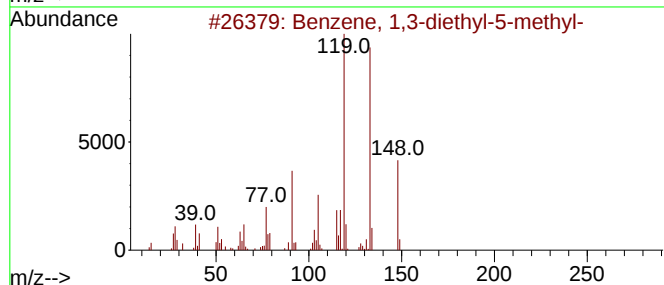
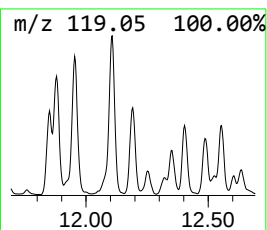
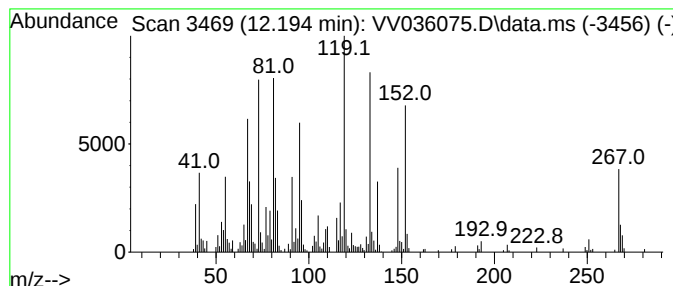
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Quant Title : VOC Analysis

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

Peak Number 42 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.194	3.89 ug/L	329030	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	74
2			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	60
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	51
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	42
5			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COSH0

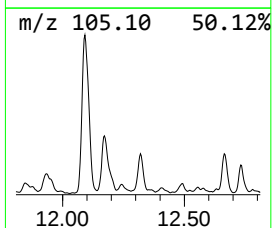
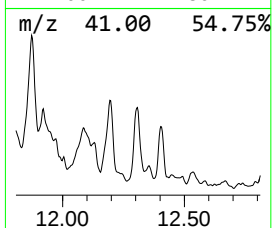
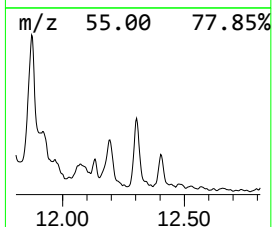
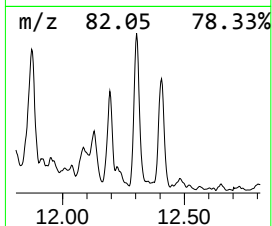
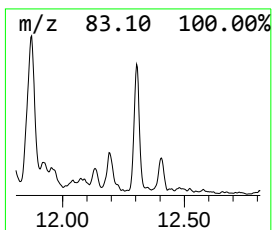
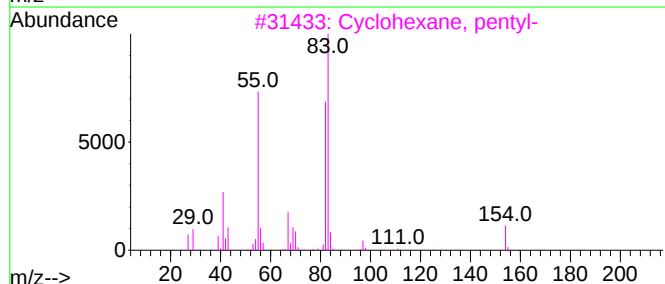
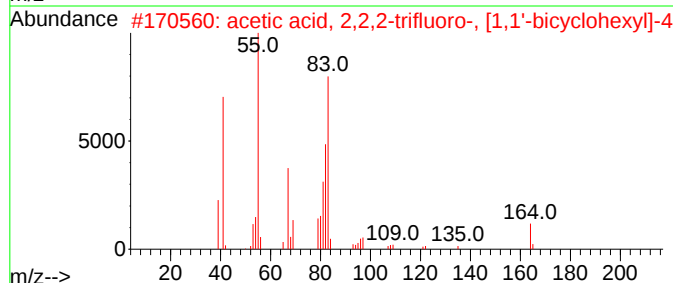
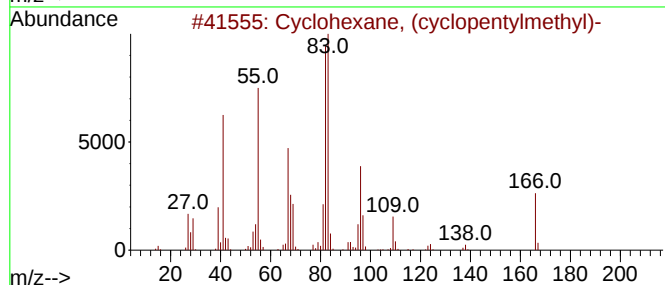
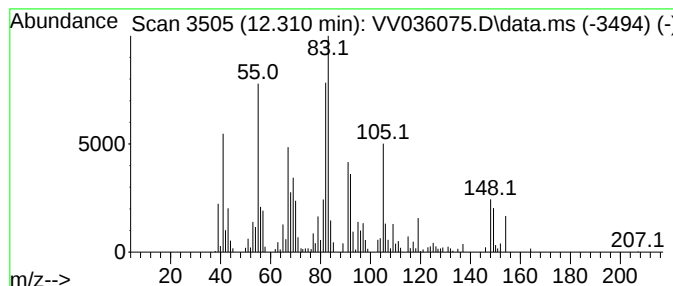
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Quant Title : VOC Analysis

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

Peak Number 43 Cyclohexane, (cyclopentylme... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.310	2.16 ug/L	182562	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (cyclopentylmethyl)-	166	C12H22	004431-89-4	53
2			acetic acid, 2,2,2-trifluoro-, [...	278	C14H21F3O2	1000397-13-2	50
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
4			Cyclohexane, octyl-	196	C14H28	001795-15-9	47
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COSH0

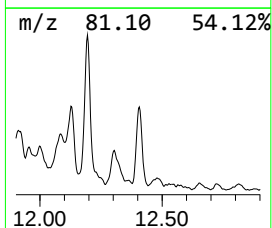
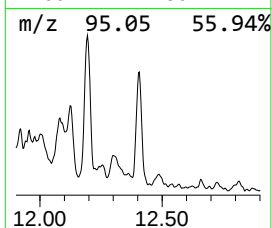
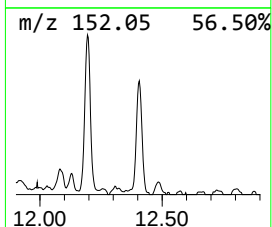
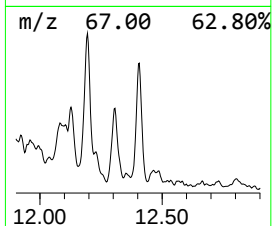
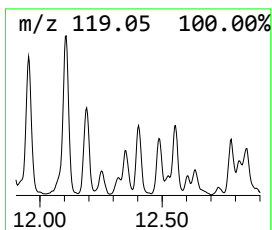
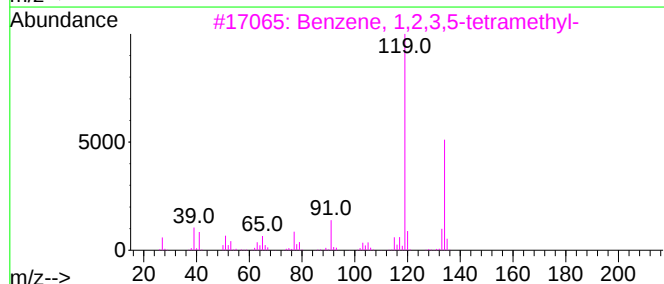
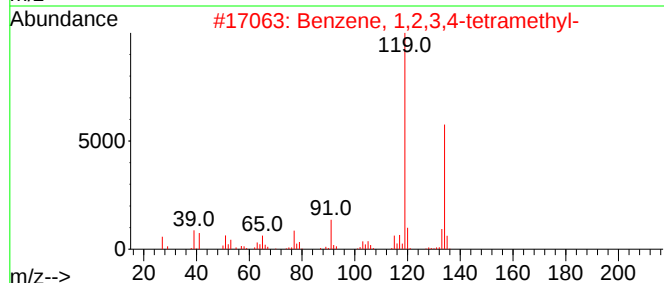
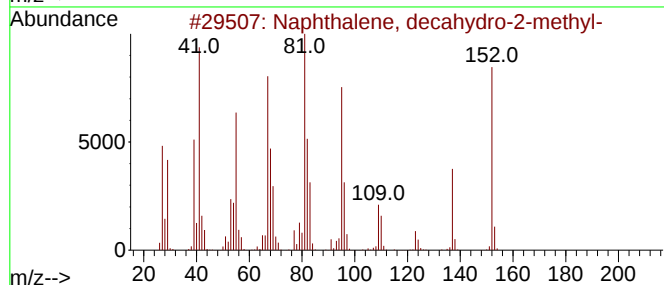
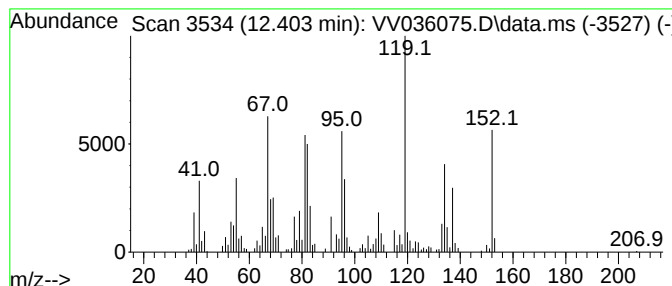
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

Peak Number 44 Naphthalene, decahydro-2-me... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.403	1.80 ug/L	152689	1,4-Dichlorobenzene-d4	11.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	89
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	42
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	42
4			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	42
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036075.D
Acq On : 13 Jun 2024 21:26
Operator : SY/MD
Sample : P2856-08
Misc : 3.88g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COSH0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	2.960	2.0	ug/L	104446	1	5.532	1335510	25.0
(DEL) Alkane: S...	7.497	2.3	ug/L	171786	2	8.783	1906730	25.0
(DEL) Alkane: S...	8.143	2.2	ug/L	167027	2	8.783	1906730	25.0
(DEL) Alkane: C...	8.217	1.8	ug/L	134435	2	8.783	1906730	25.0
(DEL) Alkane: C...	8.278	6.3	ug/L	479479	2	8.783	1906730	25.0
(DEL) Alkane: C...	8.519	13.0	ug/L	994251	2	8.783	1906730	25.0
(DEL) Alkane: S...	8.600	11.2	ug/L	850234	2	8.783	1906730	25.0
(DEL) Alkane: S...	8.722	11.2	ug/L	854438	2	8.783	1906730	25.0
(DEL) Alkane: C...	8.924	5.6	ug/L	424403	2	8.783	1906730	25.0
(DEL) Alkane: C...	9.037	13.5	ug/L	1030870	2	8.783	1906730	25.0
(DEL) Alkane: C...	9.088	24.3	ug/L	1852220	2	8.783	1906730	25.0
(DEL) Alkane: S...	9.136	84.2	ug/L	6422270	2	8.783	1906730	25.0
(DEL) Alkane: C...	9.249	6.5	ug/L	496091	2	8.783	1906730	25.0
(DEL) Alkane: C...	9.407	46.9	ug/L	3573110	2	8.783	1906730	25.0
(DEL) Alkane: C...	9.487	2.0	ug/L	156257	2	8.783	1906730	25.0
(DEL) Alkane: S...	9.513	7.0	ug/L	538033	2	8.783	1906730	25.0
(DEL) Alkane: C...	9.609	9.9	ug/L	752129	2	8.783	1906730	25.0
(DEL) Alkane: S...	9.645	57.7	ug/L	4397790	2	8.783	1906730	25.0
(DEL) Alkane: C...	9.731	101.9	ug/L	7770870	2	8.783	1906730	25.0
(DEL) Alkane: S...	9.783	26.4	ug/L	2013950	2	8.783	1906730	25.0
(DEL) Alkane: C...	9.844	12.7	ug/L	968234	2	8.783	1906730	25.0
(DEL) Alkane: C...	9.911	18.4	ug/L	1407210	2	8.783	1906730	25.0
(DEL) Alkane: S...	9.956	30.1	ug/L	2298610	2	8.783	1906730	25.0
(DEL) Alkane: S...	10.024	40.6	ug/L	3435520	3	11.181	2115200	25.0
unknown-01	10.053	35.2	ug/L	2976500	3	11.181	2115200	25.0
(DEL) Alkane: C...	10.329	36.4	ug/L	3076940	3	11.181	2115200	25.0
trans-4-Methylc...	10.384	37.3	ug/L	3157110	3	11.181	2115200	25.0
(DEL) Alkane: C...	10.445	53.4	ug/L	4519580	3	11.181	2115200	25.0
(DEL) Alkane: S...	10.516	159.2	ug/L	13470100	3	11.181	2115200	25.0
(DEL) Alkane: C...	10.622	9.5	ug/L	804214	3	11.181	2115200	25.0
Cyclopentane, 1...	10.661	15.7	ug/L	1328380	3	11.181	2115200	25.0
unknown-02	10.972	9.2	ug/L	774281	3	11.181	2115200	25.0
(DEL) Alkane: C...	11.037	7.5	ug/L	633303	3	11.181	2115200	25.0
(DEL) Alkane: C...	11.088	37.1	ug/L	3138440	3	11.181	2115200	25.0
unknown-03	11.278	2.6	ug/L	223066	3	11.181	2115200	25.0
(DEL) Alkane: S...	11.400	5.7	ug/L	485076	3	11.181	2115200	25.0
(DEL) Alkane: S...	11.728	12.2	ug/L	1029750	3	11.181	2115200	25.0
p-Cymene	11.876	3.5	ug/L	292377	3	11.181	2115200	25.0
4-Methylphenyl ...	12.095	4.7	ug/L	393795	3	11.181	2115200	25.0
Benzene, 1,3-di...	12.194	3.9	ug/L	329030	3	11.181	2115200	25.0
Cyclohexane, (C...	12.310	2.2	ug/L	182562	3	11.181	2115200	25.0
Naphthalene, de...	12.403	1.8	ug/L	152689	3	11.181	2115200	25.0