

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061424\
 Data File : VU059260.D
 Acq On : 14 Jun 2024 20:02
 Operator : MD/SY
 Sample : P2856-02ME
 Misc : 3.73g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0SE4ME

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_U\Method\SFAMULM052924WMA.M
 Title : VOC Analysis

Signal : TIC: VU059260.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.592	87	94	108	rVB	46406	55397	5.69%	0.598%
2	1.811	133	162	171	rBV3	43451	127513	13.11%	1.376%
3	1.891	179	187	205	rVB	45081	67194	6.91%	0.725%
4	2.554	382	393	409	rBV	85861	141450	14.54%	1.526%
5	2.714	439	443	446	rBV	371	326	0.03%	0.004%
6	2.769	455	460	462	rBV3	342	321	0.03%	0.003%
7	3.033	532	542	558	rVB3	12304	23291	2.39%	0.251%
8	3.174	573	586	602	rVB2	7801	17357	1.78%	0.187%
9	3.354	638	642	648	rBV3	352	299	0.03%	0.003%
10	3.464	674	676	680	rVV2	277	219	0.02%	0.002%
11	3.483	680	682	689	rVV2	222	246	0.03%	0.003%
12	3.518	690	693	701	rVB2	309	344	0.04%	0.004%
13	3.563	701	707	713	rBV2	440	605	0.06%	0.007%
14	3.599	713	718	722	rBV2	212	229	0.02%	0.002%
15	3.708	746	752	754	rBV	267	248	0.03%	0.003%
16	4.512	996	1002	1004	rBV	280	251	0.03%	0.003%
17	4.608	1021	1032	1065	rBV	120808	305286	31.38%	3.294%
18	5.052	1155	1170	1192	rBV	134140	297188	30.55%	3.207%
19	5.206	1215	1218	1223	rVB3	476	332	0.03%	0.004%
20	5.566	1328	1330	1335	rVB	372	330	0.03%	0.004%
21	5.595	1335	1339	1342	rBV	287	277	0.03%	0.003%
22	5.714	1357	1376	1399	rBV2	223842	632290	65.00%	6.822%
23	5.907	1434	1436	1442	rVB2	474	296	0.03%	0.003%
24	6.242	1527	1540	1566	rBV	345980	667240	68.59%	7.199%
25	6.434	1598	1600	1603	rVB3	471	238	0.02%	0.003%
26	6.528	1618	1629	1640	rVB5	6192	12278	1.26%	0.132%
27	6.682	1663	1677	1699	rBV	168561	333825	34.32%	3.602%
28	6.791	1708	1711	1713	rBV2	492	297	0.03%	0.003%
29	6.814	1715	1718	1721	rVB3	491	335	0.03%	0.004%
30	6.856	1726	1731	1733	rBV2	360	304	0.03%	0.003%
31	7.074	1797	1799	1804	rVB2	290	248	0.03%	0.003%
32	7.103	1804	1808	1811	rBV2	394	309	0.03%	0.003%
33	7.132	1811	1817	1822	rBV2	271	271	0.03%	0.003%
34	7.197	1830	1837	1841	rBV4	1242	1653	0.17%	0.018%
35	7.348	1878	1884	1888	rVV2	170	216	0.02%	0.002%
36	7.492	1923	1929	1938	rVB5	1325	1919	0.20%	0.021%

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 ClientSampleId :
 C0SE4ME

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_U\Method\SFAMULM052924WMA.M
 Title : VOC Analysis

37	7.560	1938	1950	1968	rBV	77317	136489	14.03%	1.473%
38	7.624	1968	1970	1974	rVB2	465	296	0.03%	0.003%
39	7.698	1986	1993	1995	rBV3	992	1053	0.11%	0.011%
40	7.814	2026	2029	2033	rVB2	315	238	0.02%	0.003%
41	7.849	2033	2040	2041	rBV2	2000	2169	0.22%	0.023%
42	7.891	2042	2053	2074	rVB	233164	407418	41.88%	4.396%
43	8.090	2111	2115	2121	rBV3	447	553	0.06%	0.006%
44	8.126	2121	2126	2131	rBV2	1350	1383	0.14%	0.015%
45	8.174	2131	2141	2154	rBV	53550	90692	9.32%	0.979%
46	8.222	2154	2156	2159	rBV4	971	653	0.07%	0.007%
47	8.280	2170	2174	2176	rBV2	348	252	0.03%	0.003%
48	8.303	2179	2181	2186	rVB2	381	358	0.04%	0.004%
49	8.328	2186	2189	2192	rBV2	235	231	0.02%	0.002%
50	8.367	2193	2201	2208	rVB3	599	912	0.09%	0.010%
51	8.467	2223	2232	2237	rBV4	1250	1925	0.20%	0.021%
52	8.531	2246	2252	2267	rVB5	1534	2550	0.26%	0.028%
53	8.624	2270	2281	2312	rBV	319952	604086	62.10%	6.518%
54	8.859	2347	2354	2363	rVB4	6441	9895	1.02%	0.107%
55	8.917	2363	2372	2382	rBV3	15365	25783	2.65%	0.278%
56	9.061	2410	2417	2425	rBV6	2518	4211	0.43%	0.045%
57	9.116	2425	2434	2440	rVV3	12867	20796	2.14%	0.224%
58	9.158	2441	2447	2454	rVV4	16083	27536	2.83%	0.297%
59	9.206	2455	2462	2474	rVB3	30190	49963	5.14%	0.539%
60	9.296	2487	2490	2491	rBV2	697	427	0.04%	0.005%
61	9.331	2491	2501	2510	rVV2	32240	49913	5.13%	0.539%
62	9.412	2513	2526	2542	rBV	522973	873654	89.81%	9.426%
63	9.557	2562	2571	2585	rVB5	10236	20381	2.10%	0.220%
64	9.656	2585	2602	2610	rBV7	16979	43267	4.45%	0.467%
65	9.711	2611	2619	2626	rBV4	31735	49019	5.04%	0.529%
66	9.872	2657	2669	2682	rBV10	11254	24747	2.54%	0.267%
67	9.949	2682	2693	2701	rBV6	7839	15351	1.58%	0.166%
68	10.013	2702	2713	2728	rBV5	57965	142605	14.66%	1.539%
69	10.113	2738	2744	2754	rBV4	29493	43990	4.52%	0.475%
70	10.248	2769	2786	2799	rBV2	176119	365334	37.56%	3.942%
71	10.351	2810	2818	2824	rBV3	96740	159909	16.44%	1.725%
72	10.553	2865	2881	2889	rBV5	89445	206087	21.19%	2.224%
73	10.618	2896	2901	2906	rBV	92619	111988	11.51%	1.208%
74	10.749	2932	2942	2951	rBV	449588	707135	72.69%	7.630%
75	11.058	3032	3038	3047	rVB2	91889	128215	13.18%	1.383%
76	11.412	3140	3148	3156	rVB	235297	319159	32.81%	3.444%

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Instrument :
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 ClientSampleId :
 C0SE4ME

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

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Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Title : VOC Analysis

77	11.569	3189	3197	3202	rBV3	33642	56031	5.76%	0.605%
78	11.704	3233	3239	3247	rVB	89034	120268	12.36%	1.298%
79	11.807	3261	3271	3284	rBV	558348	972773	100.00%	10.496%
80	12.187	3378	3389	3405	rVB	407381	724117	74.44%	7.813%
81	12.923	3611	3618	3627	rBV8	12402	25628	2.63%	0.277%
82	13.193	3699	3702	3711	rVB5	2018	2447	0.25%	0.026%
83	13.251	3713	3720	3727	rBV6	2329	3338	0.34%	0.036%
84	13.360	3752	3754	3757	rVB3	1131	630	0.06%	0.007%
85	13.380	3757	3760	3761	rBV2	476	328	0.03%	0.004%
86	13.444	3772	3780	3790	rVB8	7418	15086	1.55%	0.163%
87	13.518	3801	3803	3809	rVB3	723	710	0.07%	0.008%
88	13.563	3814	3817	3819	rBV2	840	509	0.05%	0.005%
89	13.614	3831	3833	3834	rBV	628	295	0.03%	0.003%
90	13.765	3877	3880	3882	rBV	350	229	0.02%	0.002%
91	13.830	3897	3900	3901	rBV2	503	264	0.03%	0.003%
92	13.942	3932	3935	3941	rVB3	467	416	0.04%	0.004%
93	14.177	4006	4008	4011	rBV2	342	243	0.02%	0.003%
94	14.338	4054	4058	4059	rBV2	374	281	0.03%	0.003%
95	14.492	4102	4106	4111	rBV3	380	418	0.04%	0.005%
96	14.569	4125	4130	4141	rVB4	1098	1753	0.18%	0.019%
97	14.743	4181	4184	4189	rBV3	404	427	0.04%	0.005%
98	15.023	4268	4271	4274	rBV3	403	293	0.03%	0.003%
99	15.373	4378	4380	4385	rBV2	389	257	0.03%	0.003%
100	15.791	4508	4510	4514	rBV	531	471	0.05%	0.005%

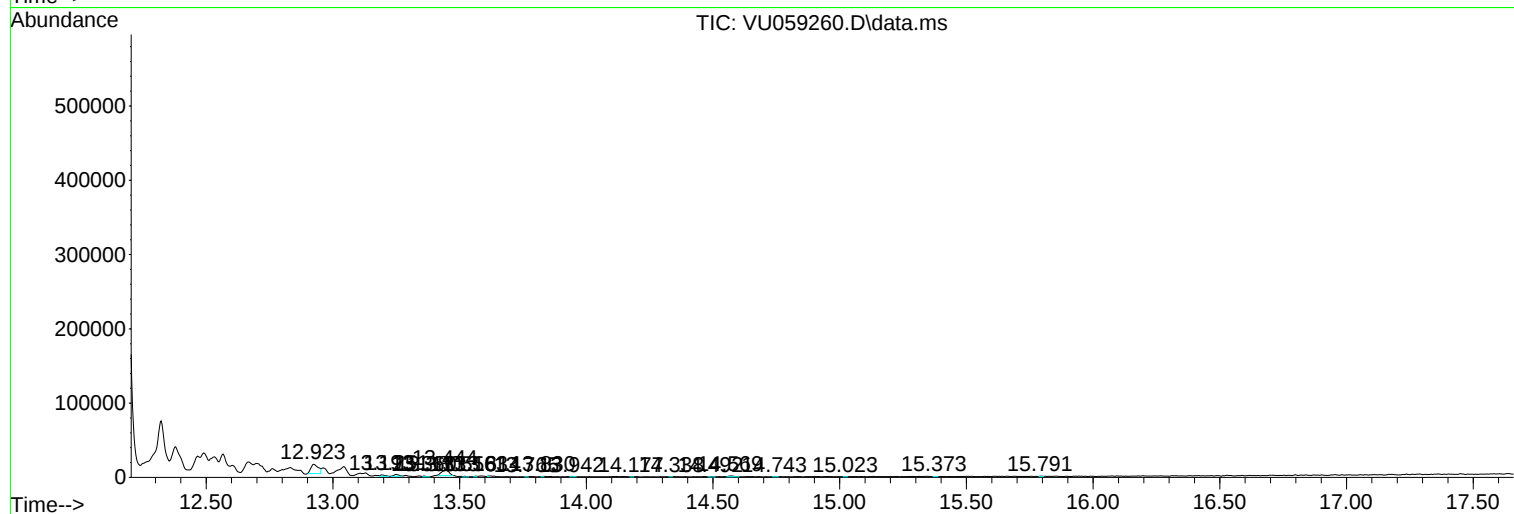
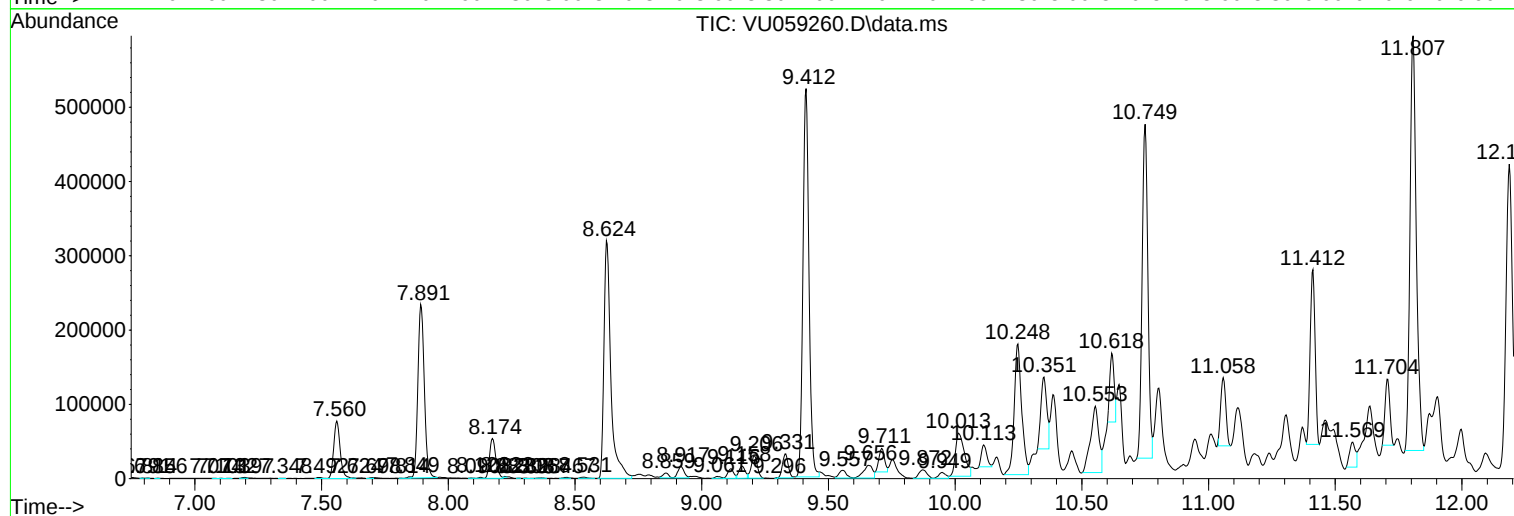
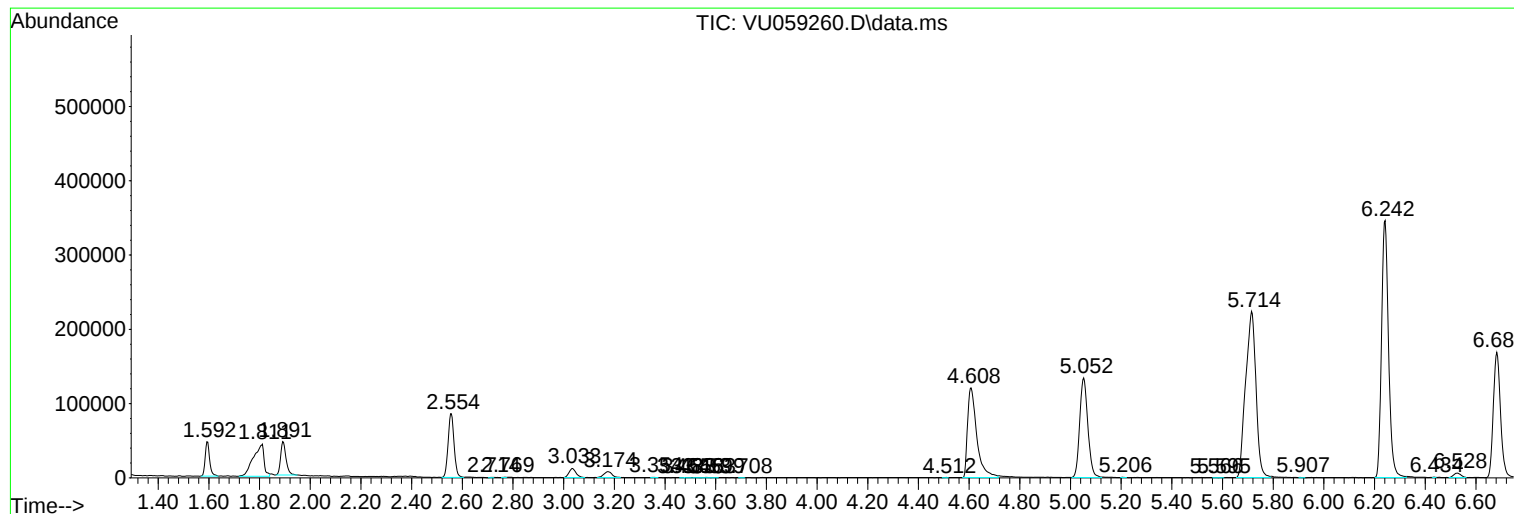
Sum of corrected areas: 9268257

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ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C05E4ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

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



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ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SE4ME

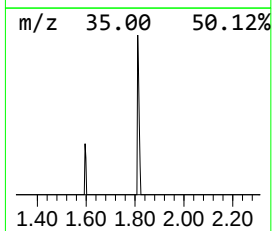
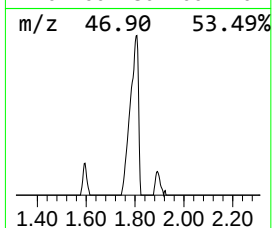
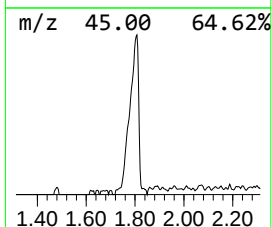
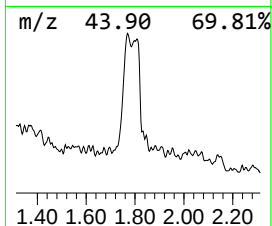
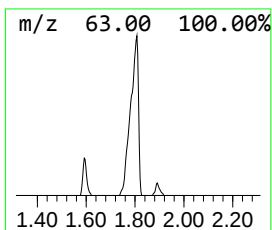
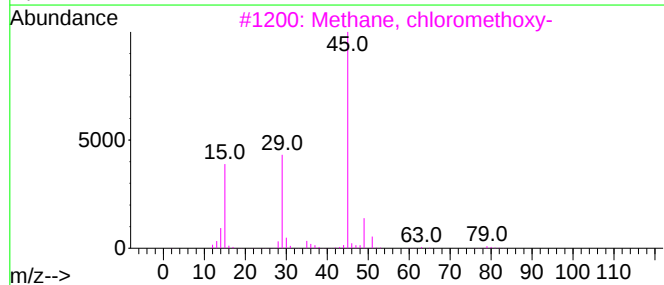
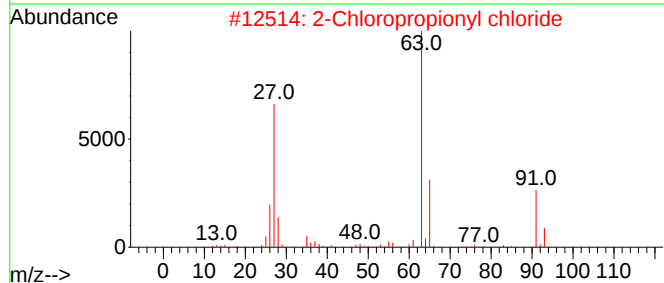
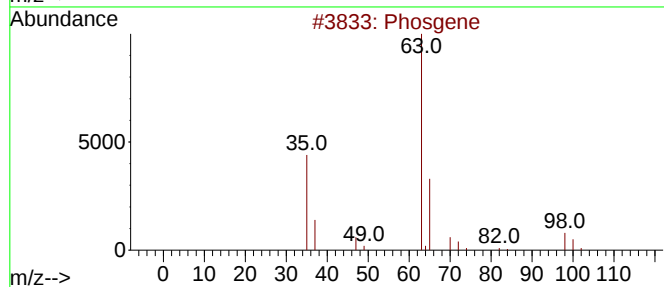
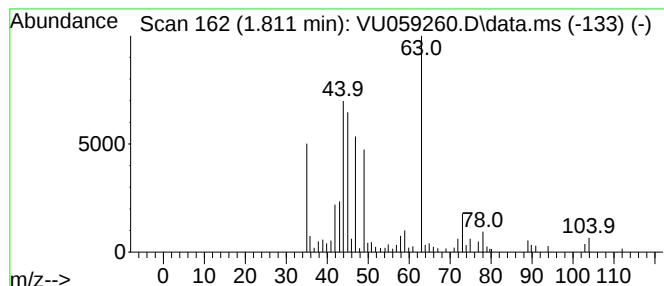
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.811	9.56 ug/L	127513	1,4-Difluorobenzene	6.242

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phosgene	98	CCl2O	000075-44-5	28
2			2-Chloropropionyl chloride	126	C3H4Cl2O	007623-09-8	9
3			Methane, chloromethoxy-	80	C2H5ClO	000107-30-2	7
4			Methane, chloromethoxy-	80	C2H5ClO	000107-30-2	7
5			Methane, chloromethoxy-	80	C2H5ClO	000107-30-2	7



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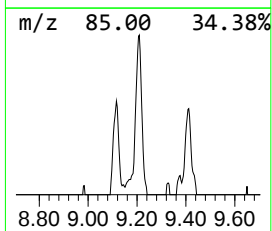
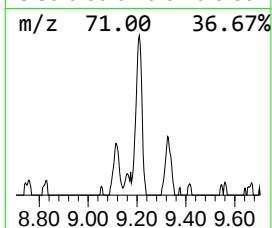
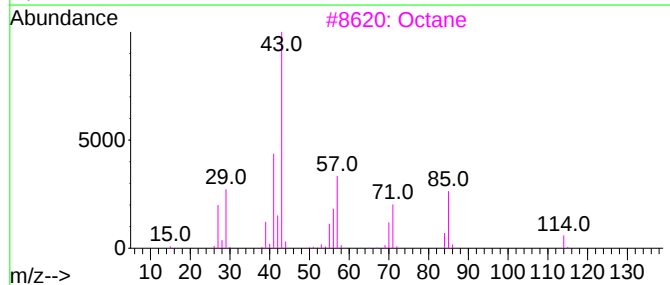
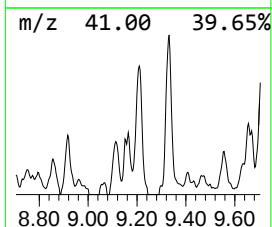
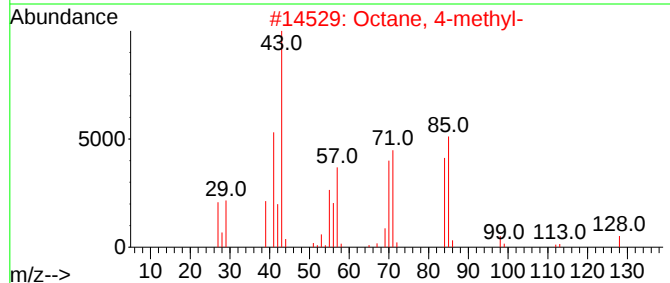
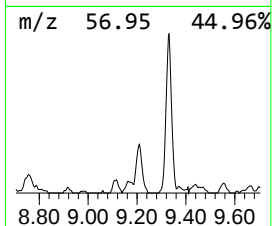
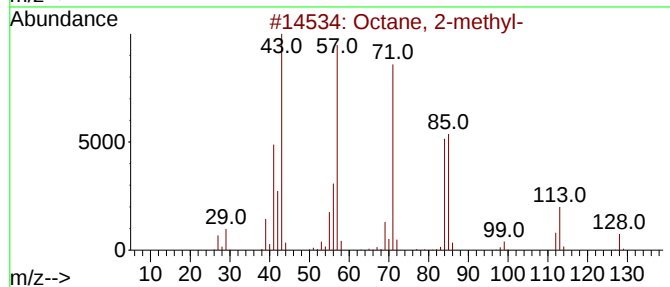
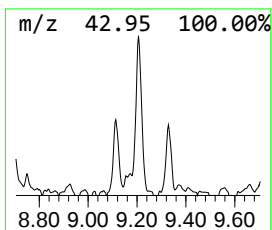
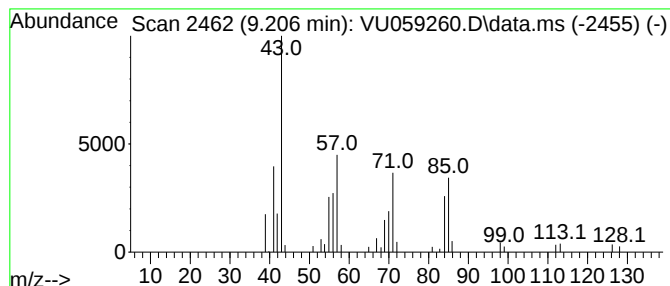
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.206	2.86 ug/L	49963	Chlorobenzene-d5	9.412

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-			128	C9H20	003221-61-2	53
2	Octane, 4-methyl-			128	C9H20	002216-34-4	53
3	Octane			114	C8H18	000111-65-9	50
4	Octane, 4-methyl-			128	C9H20	002216-34-4	49
5	Octane			114	C8H18	000111-65-9	47



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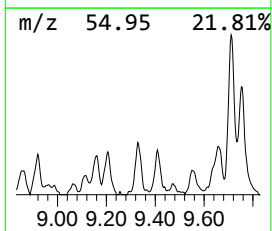
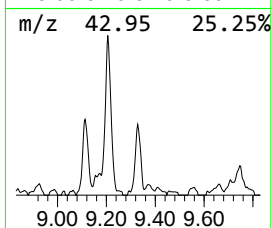
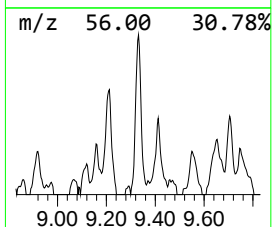
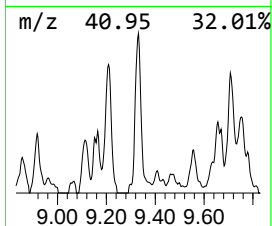
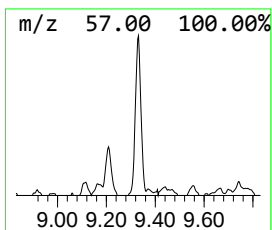
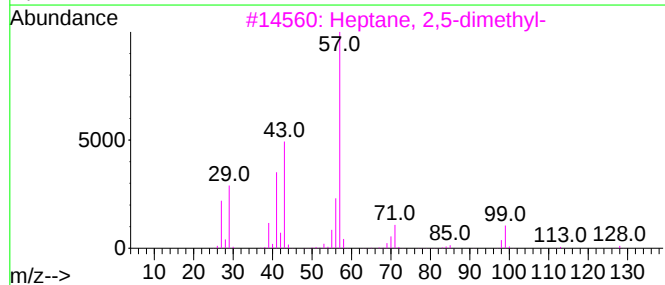
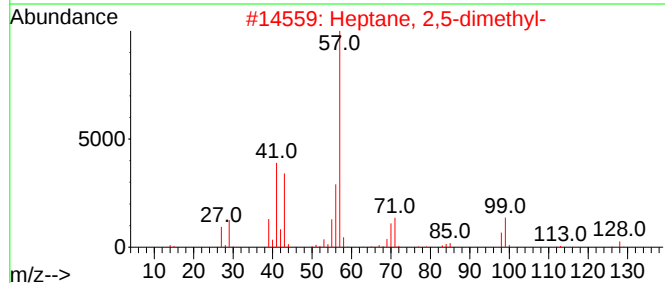
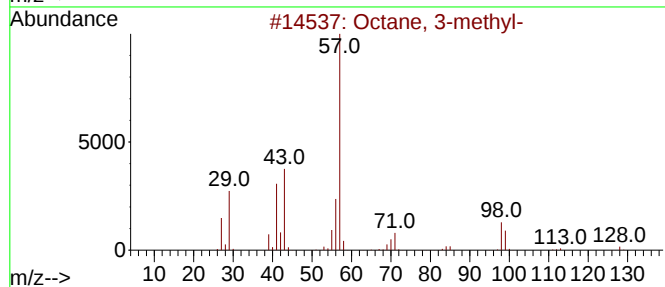
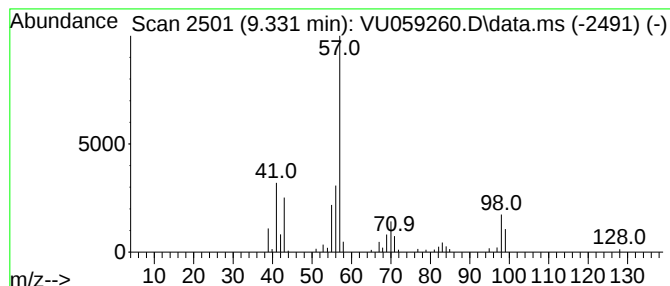
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.331	2.86 ug/L	49913	Chlorobenzene-d5	9.412

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3-methyl-	128	C9H20	002216-33-3	72
2			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
3			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	59
4			Heptane, 3-ethyl-	128	C9H20	015869-80-4	59
5			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061424\
Data File : VU059260.D
Acq On : 14 Jun 2024 20:02
Operator : MD/SY
Sample : P2856-02ME
Misc : 3.73g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SE4ME

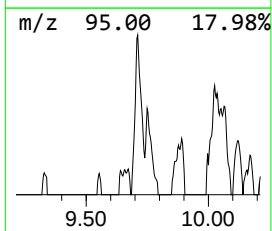
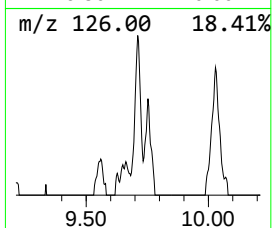
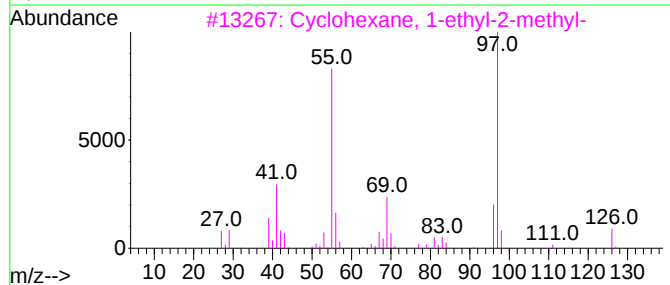
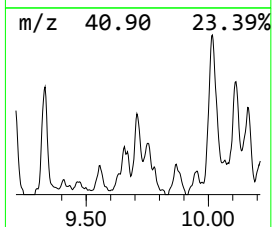
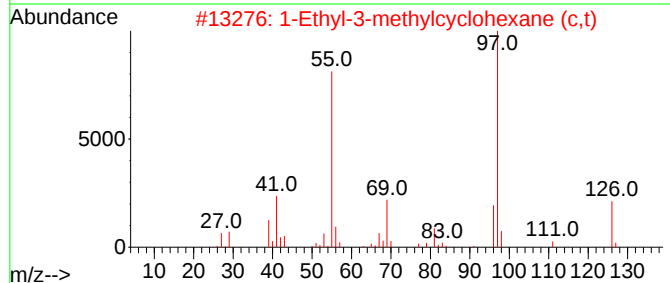
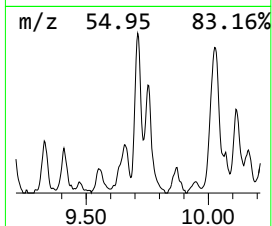
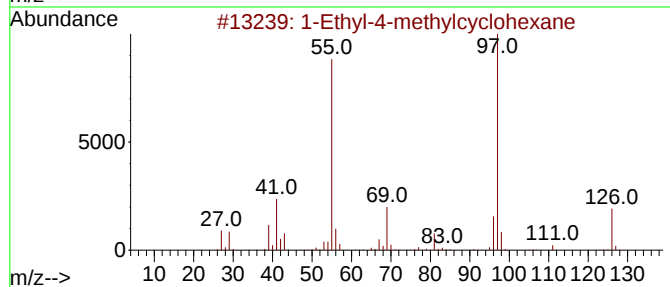
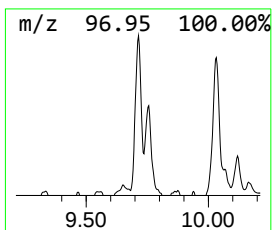
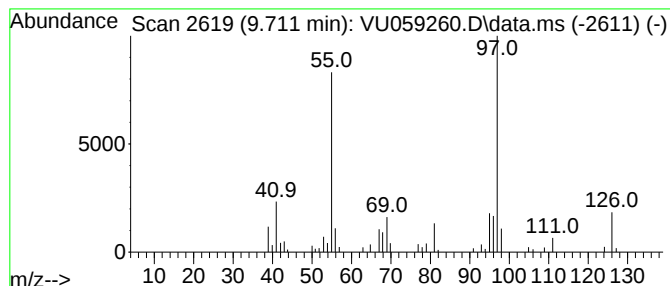
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Quant Title : VOC Analysis

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

Peak Number 5 (DEL) Alkane: Cyclic9.711 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.711	2.81 ug/L	49019	Chlorobenzene-d5	9.412

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	87
2			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	87
3			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	83
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	68
5			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061424\
Data File : VU059260.D
Acq On : 14 Jun 2024 20:02
Operator : MD/SY
Sample : P2856-02ME
Misc : 3.73g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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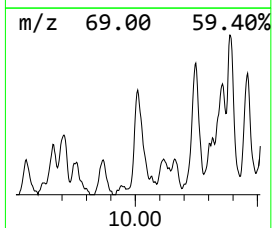
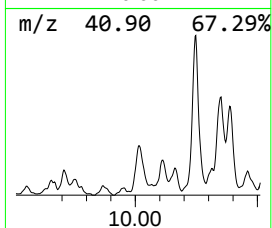
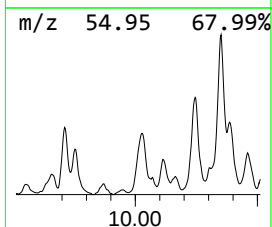
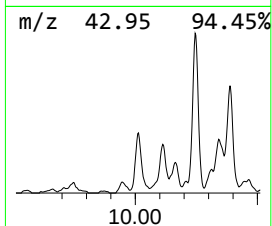
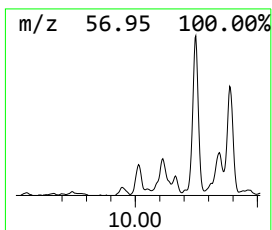
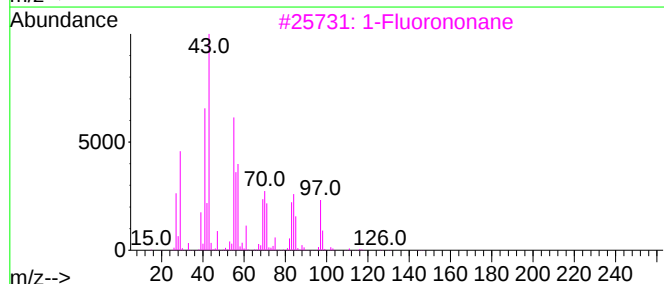
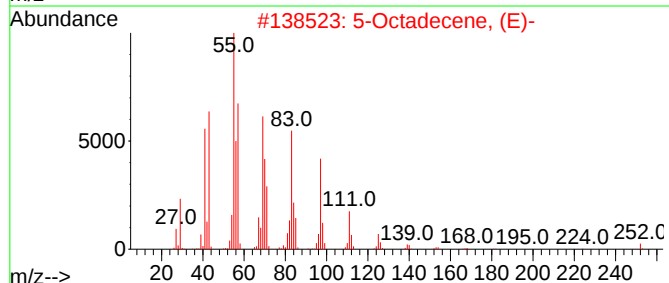
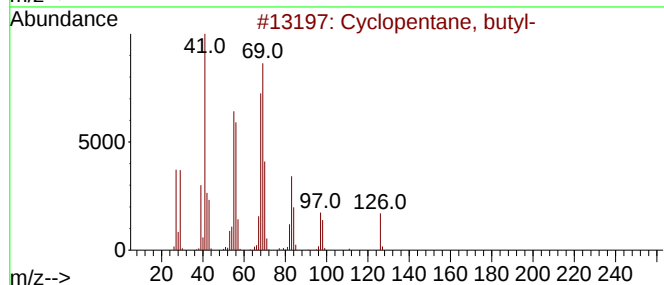
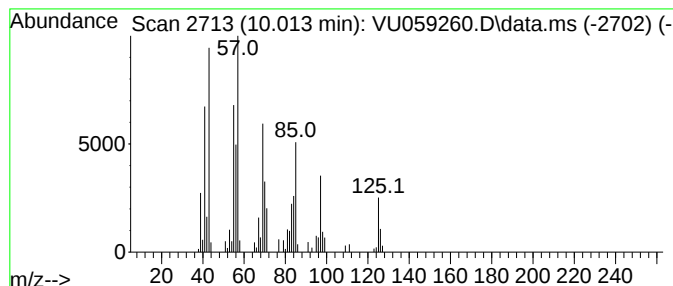
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Quant Title : VOC Analysis

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

Peak Number 6 (DEL) Alkane: Cyclic10.013 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.013	8.16 ug/L	142605	Chlorobenzene-d5	9.412

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, butyl-	126	C9H18	002040-95-1	55
2			5-Octadecene, (E)-	252	C18H36	007206-21-5	47
3			1-Fluorononane	146	C9H19F	000463-18-3	47
4			1-Nonene	126	C9H18	000124-11-8	43
5			1-Nonene	126	C9H18	000124-11-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061424\
Data File : VU059260.D
Acq On : 14 Jun 2024 20:02
Operator : MD/SY
Sample : P2856-02ME
Misc : 3.73g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

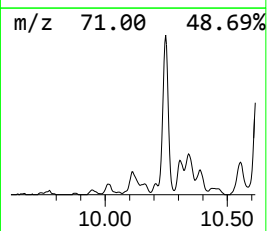
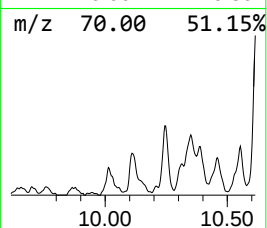
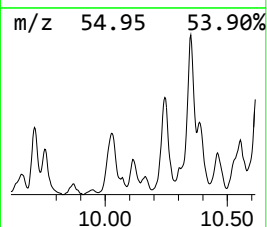
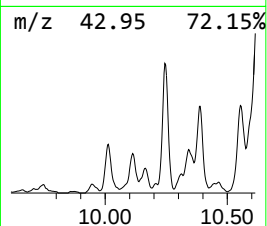
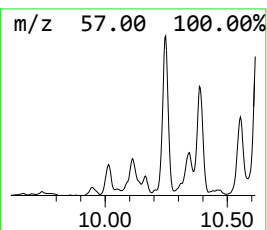
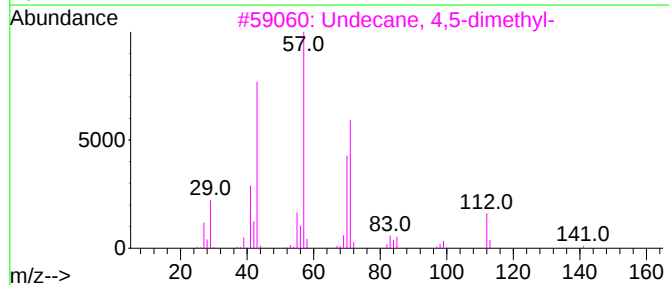
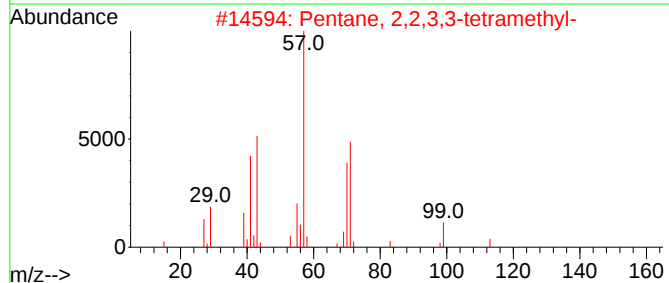
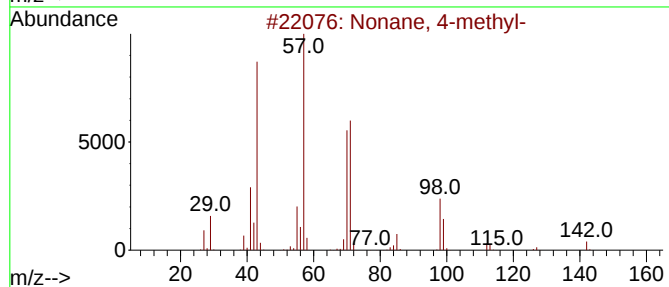
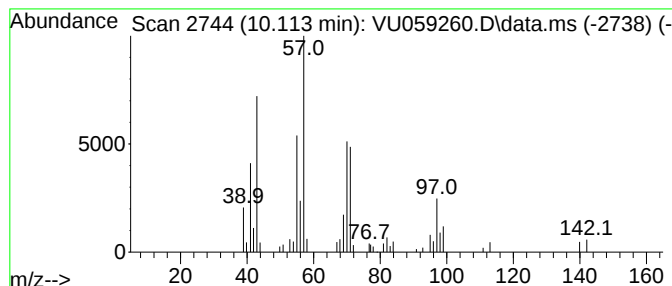
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Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.113	2.52 ug/L	43990	Chlorobenzene-d5	9.412	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	58
2	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	53
3	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	50
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	47
5	2-Ethyl-1-hexanol, pentafluoropr...	276	C11H17F5O2	959012-82-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061424\
Data File : VU059260.D
Acq On : 14 Jun 2024 20:02
Operator : MD/SY
Sample : P2856-02ME
Misc : 3.73g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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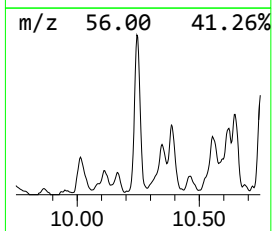
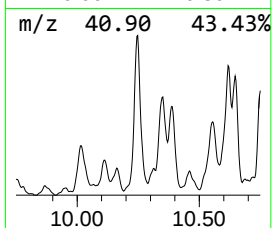
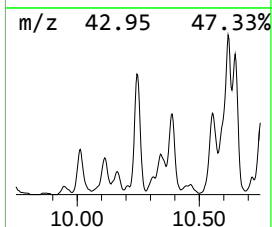
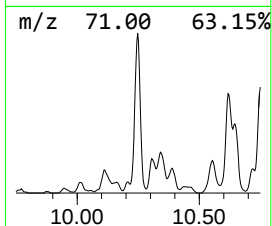
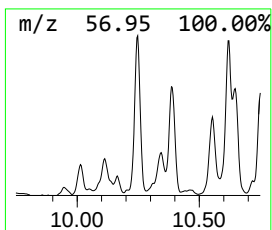
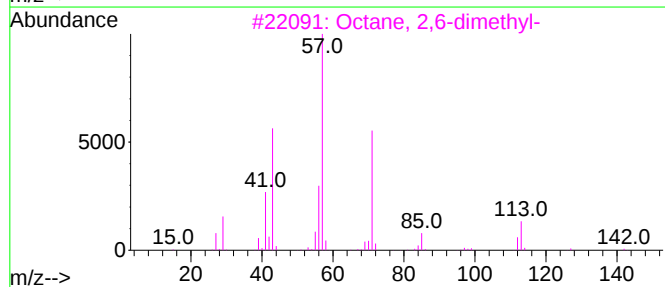
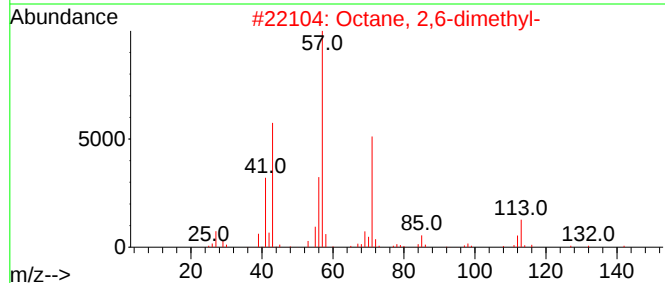
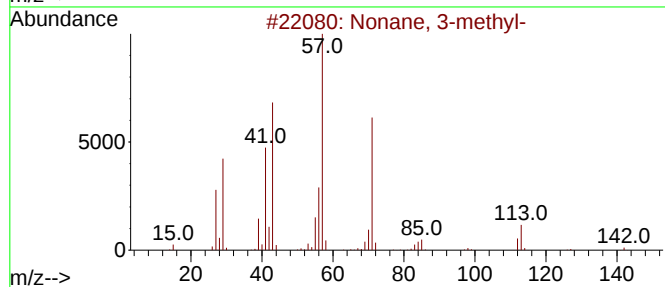
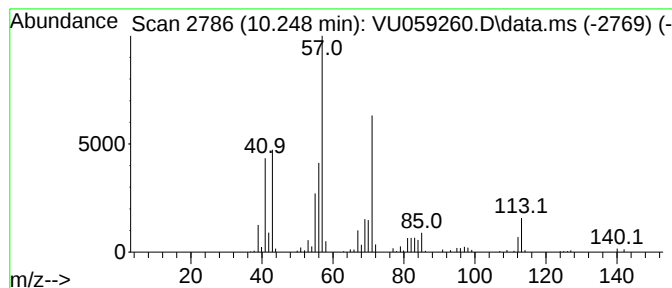
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Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.248	20.91 ug/L	365334	Chlorobenzene-d5	9.412

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
4			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061424\
Data File : VU059260.D
Acq On : 14 Jun 2024 20:02
Operator : MD/SY
Sample : P2856-02ME
Misc : 3.73g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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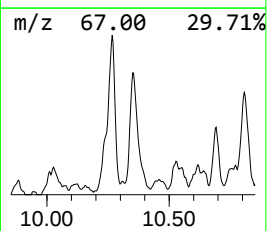
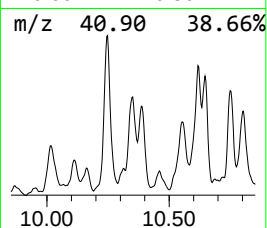
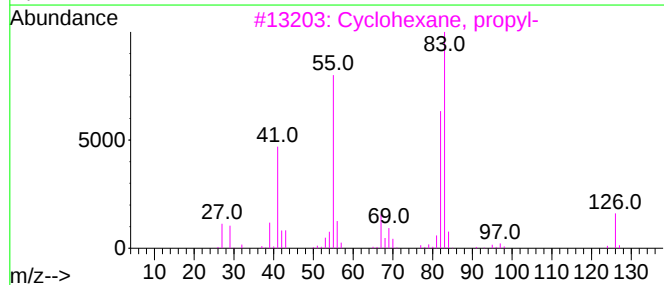
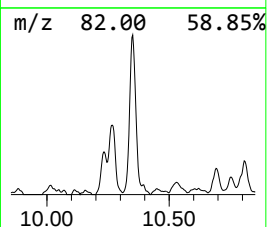
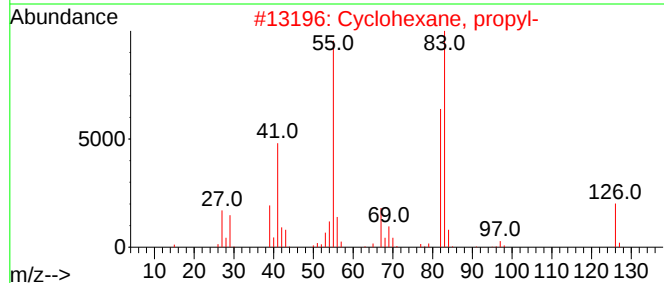
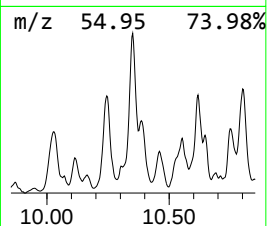
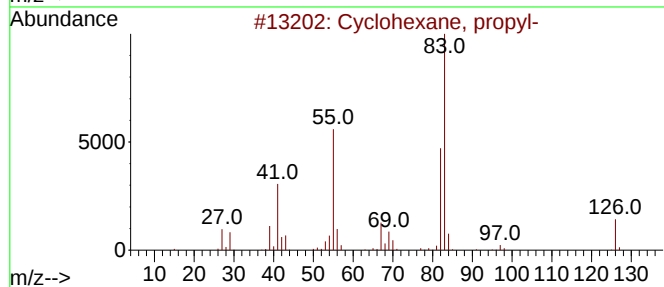
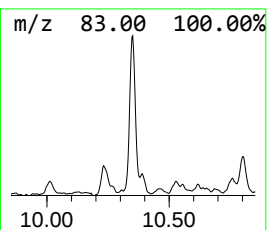
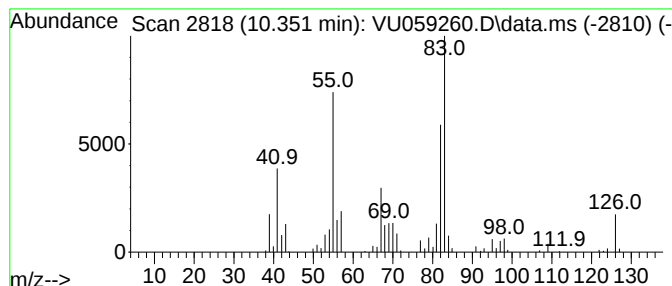
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Quant Title : VOC Analysis

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

Peak Number 9 (DEL) Alkane: Cyclic10.351 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.351	9.15 ug/L	159909	Chlorobenzene-d5	9.412

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	87
2			Cyclohexane, propyl-	126	C9H18	001678-92-8	87
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	83
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	83
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061424\
Data File : VU059260.D
Acq On : 14 Jun 2024 20:02
Operator : MD/SY
Sample : P2856-02ME
Misc : 3.73g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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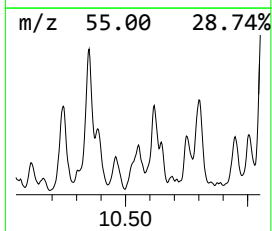
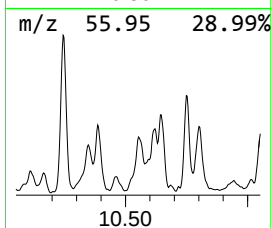
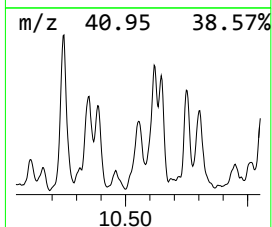
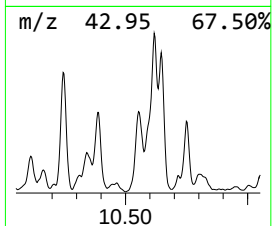
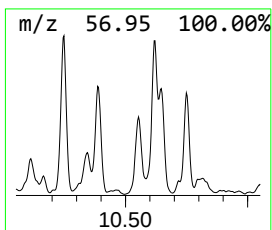
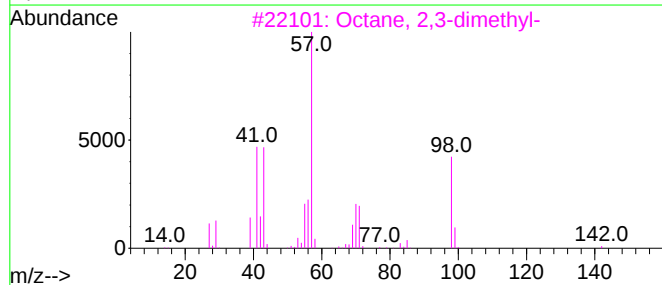
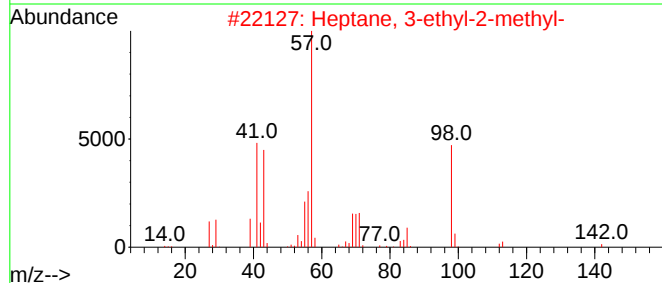
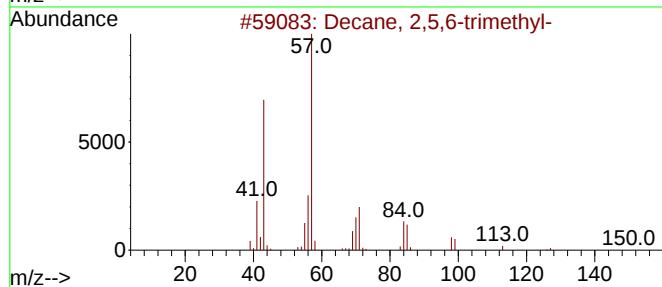
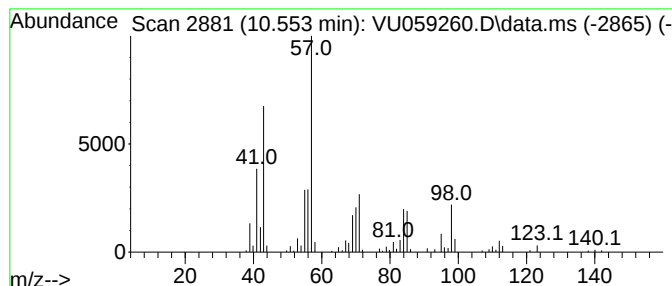
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Quant Title : VOC Analysis

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.553	11.79 ug/L	206087	Chlorobenzene-d5	9.412

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	53
2			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
3			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	47
4			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	43
5			Octane, 4-methyl-	128	C9H20	002216-34-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061424\
Data File : VU059260.D
Acq On : 14 Jun 2024 20:02
Operator : MD/SY
Sample : P2856-02ME
Misc : 3.73g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SE4ME

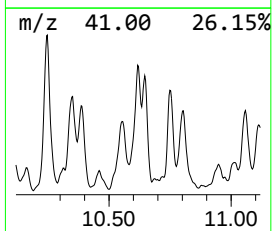
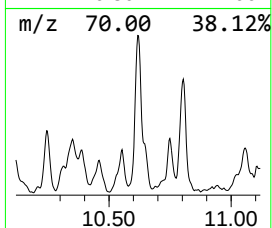
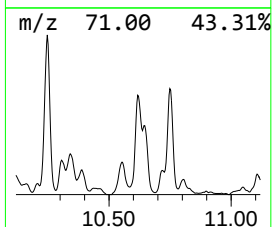
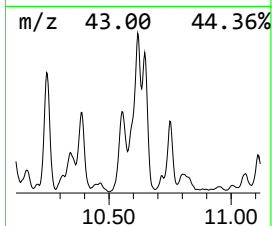
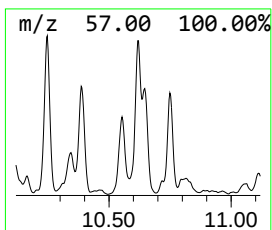
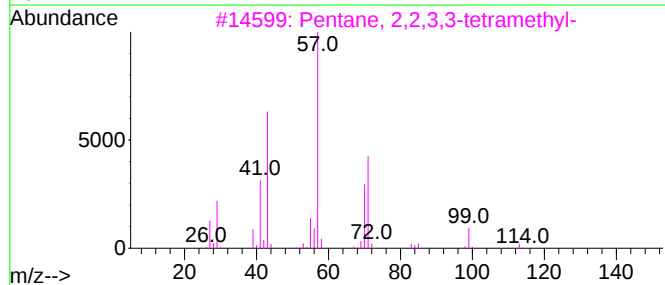
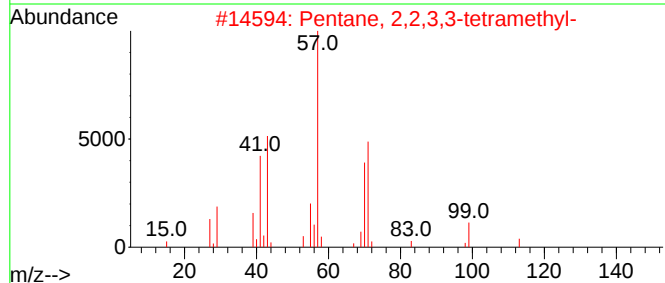
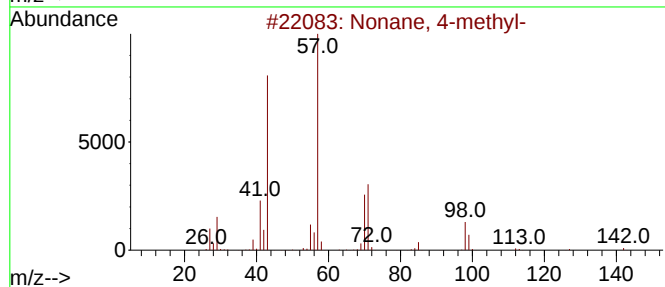
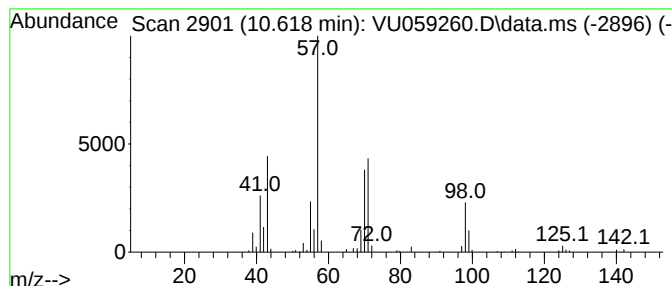
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Quant Title : VOC Analysis

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.618	5.76 ug/L	111988	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4-methyl-	142	C10H22	017301-94-9	72
2			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
3			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
4			Nonane, 4-methyl-	142	C10H22	017301-94-9	59
5			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061424\
Data File : VU059260.D
Acq On : 14 Jun 2024 20:02
Operator : MD/SY
Sample : P2856-02ME
Misc : 3.73g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SE4ME

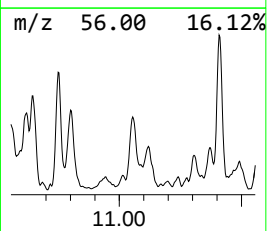
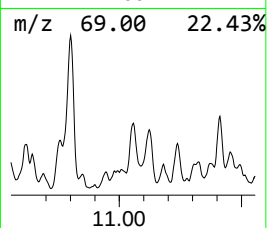
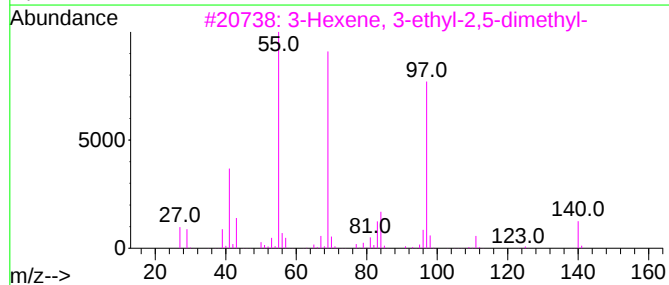
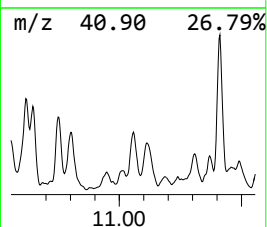
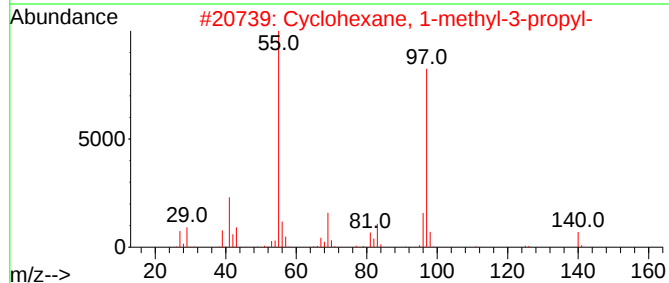
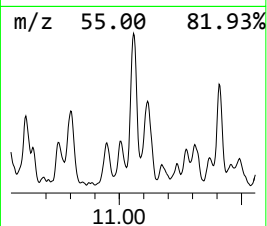
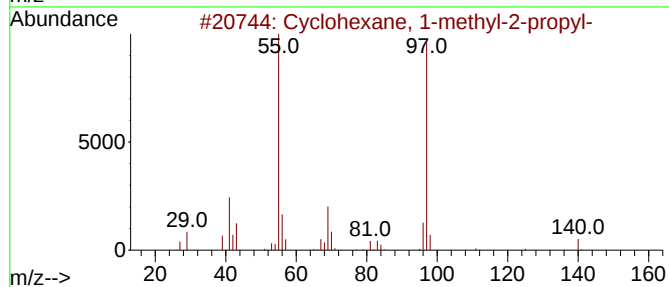
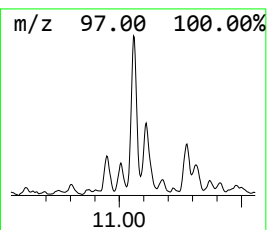
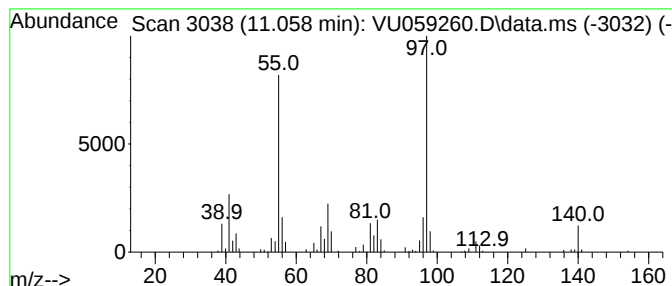
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Quant Title : VOC Analysis

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

Peak Number 12 (DEL) Alkane: Cyclic11.058 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.058	6.59 ug/L	128215	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	87
2			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	74
3			3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	72
4			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64
5			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061424\
Data File : VU059260.D
Acq On : 14 Jun 2024 20:02
Operator : MD/SY
Sample : P2856-02ME
Misc : 3.73g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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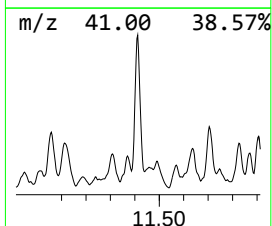
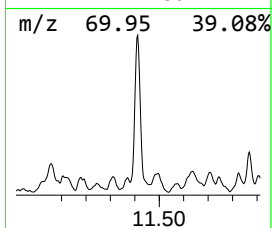
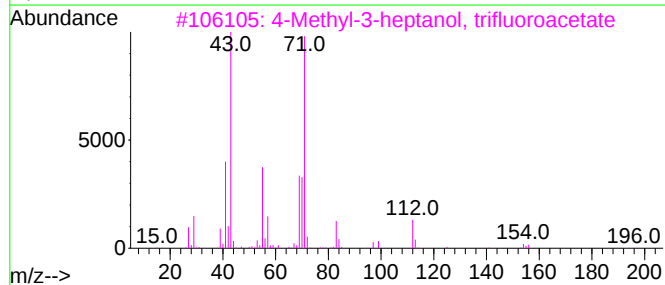
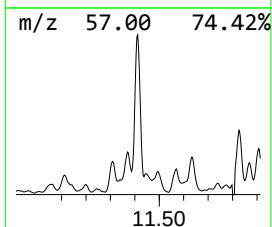
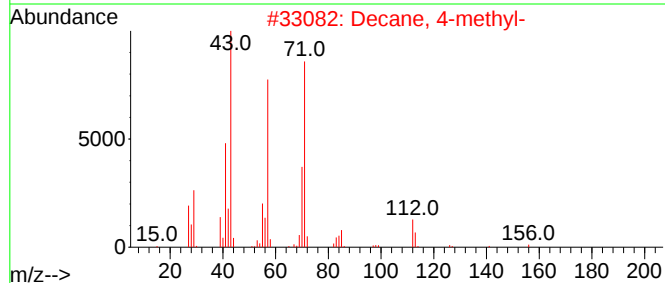
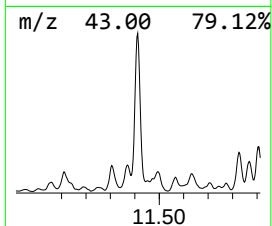
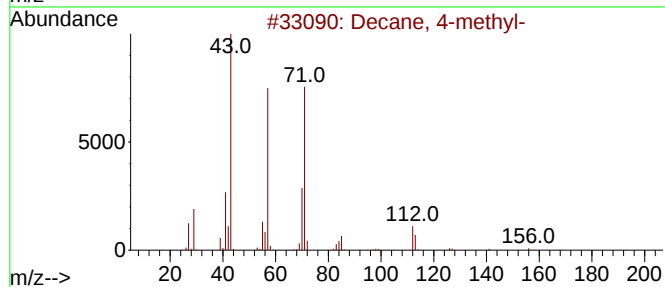
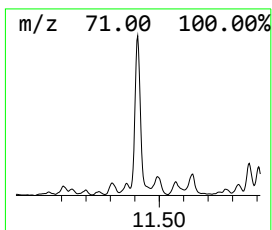
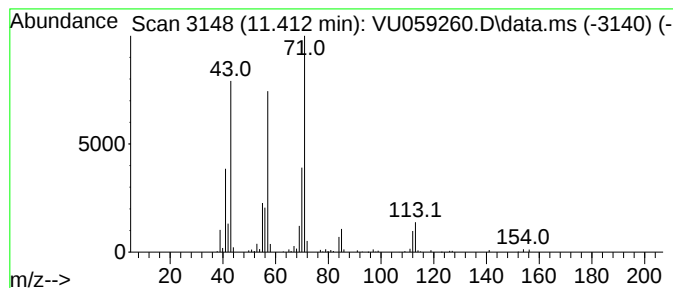
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Quant Title : VOC Analysis

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.412	16.40 ug/L	319159	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	83
2			Decane, 4-methyl-	156	C11H24	002847-72-5	62
3			4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	59
4			Octane, 3-ethyl-	142	C10H22	005881-17-4	59
5			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061424\
Data File : VU059260.D
Acq On : 14 Jun 2024 20:02
Operator : MD/SY
Sample : P2856-02ME
Misc : 3.73g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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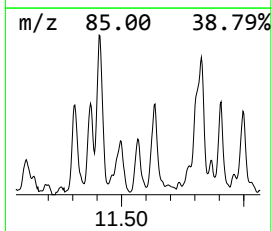
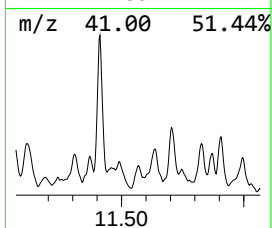
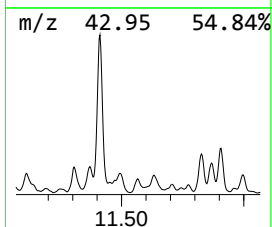
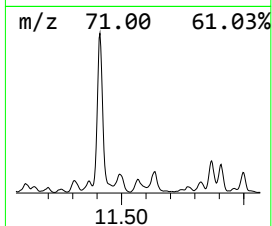
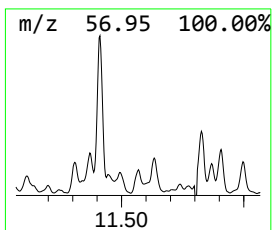
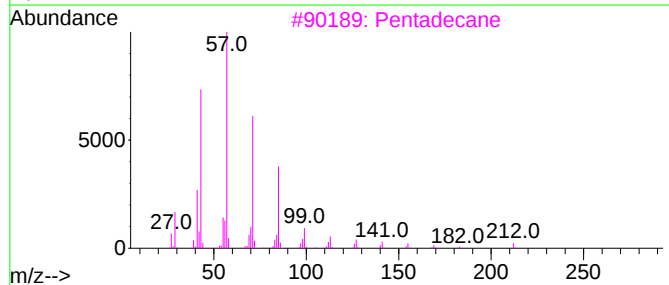
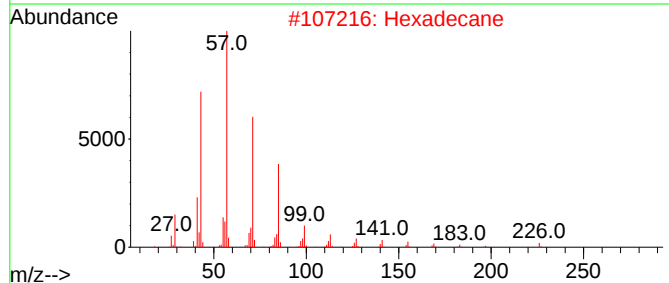
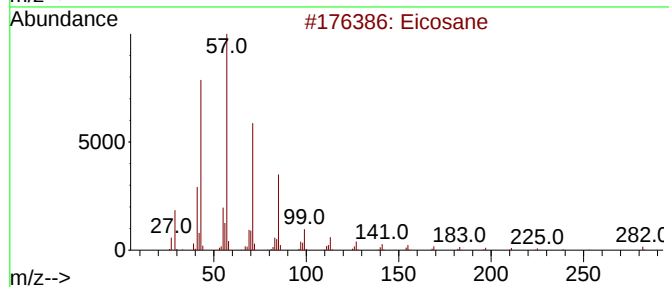
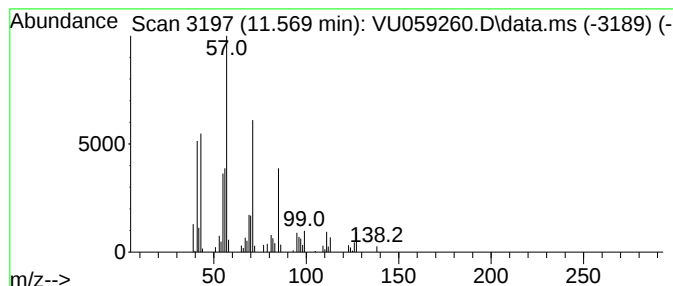
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Quant Title : VOC Analysis

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.569	2.88 ug/L	56031	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	59
2			Hexadecane	226	C16H34	000544-76-3	53
3			Pentadecane	212	C15H32	000629-62-9	50
4			Nonadecane	268	C19H40	000629-92-5	50
5			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061424\
Data File : VU059260.D
Acq On : 14 Jun 2024 20:02
Operator : MD/SY
Sample : P2856-02ME
Misc : 3.73g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SE4ME

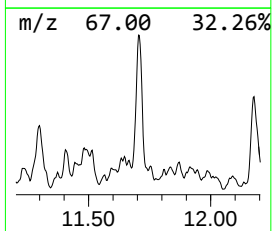
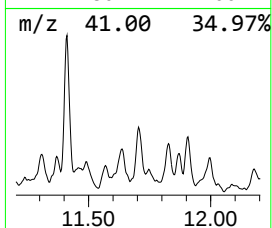
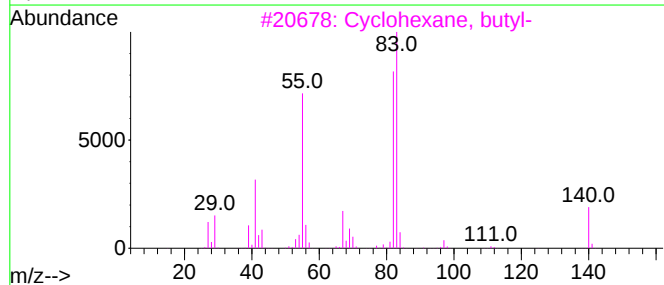
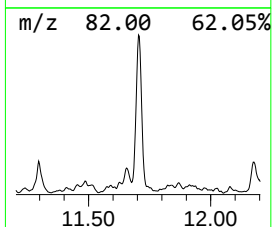
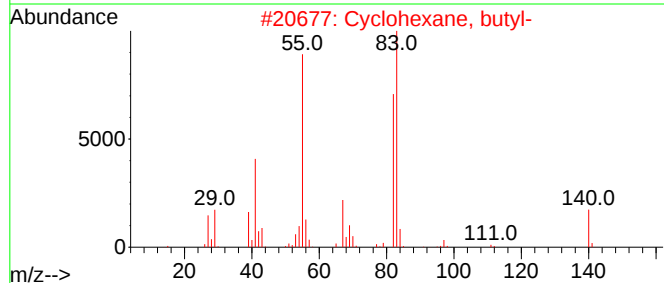
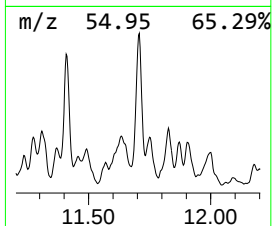
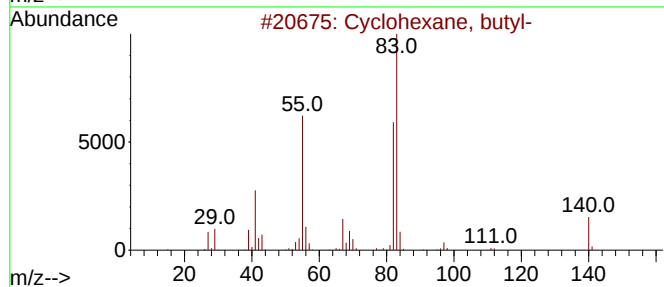
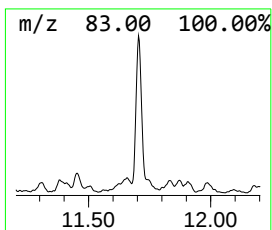
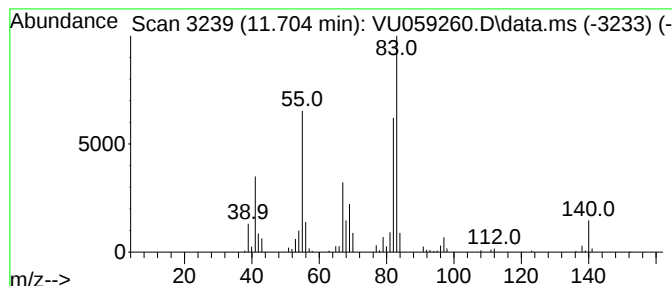
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

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

Peak Number 15 (DEL) Alkane: Cyclic11.704 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.704	6.18 ug/L	120268	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	87
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	83
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	83
4			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061424\
 Data File : VU059260.D
 Acq On : 14 Jun 2024 20:02
 Operator : MD/SY
 Sample : P2856-02ME
 Misc : 3.73g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0SE4ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	1.811	9.6	ug/L	127513	1	6.242	667240	50.0
(DEL) Alkane: S...	9.206	2.9	ug/L	49963	2	9.412	873654	50.0
(DEL) Alkane: S...	9.331	2.9	ug/L	49913	2	9.412	873654	50.0
(DEL) Alkane: C...	9.711	2.8	ug/L	49019	2	9.412	873654	50.0
(DEL) Alkane: C...	10.013	8.2	ug/L	142605	2	9.412	873654	50.0
(DEL) Alkane: S...	10.113	2.5	ug/L	43990	2	9.412	873654	50.0
(DEL) Alkane: S...	10.248	20.9	ug/L	365334	2	9.412	873654	50.0
(DEL) Alkane: C...	10.351	9.2	ug/L	159909	2	9.412	873654	50.0
(DEL) Alkane: S...	10.553	11.8	ug/L	206087	2	9.412	873654	50.0
(DEL) Alkane: S...	10.618	5.8	ug/L	111988	3	11.807	972773	50.0
(DEL) Alkane: C...	11.058	6.6	ug/L	128215	3	11.807	972773	50.0
(DEL) Alkane: S...	11.412	16.4	ug/L	319159	3	11.807	972773	50.0
(DEL) Alkane: S...	11.569	2.9	ug/L	56031	3	11.807	972773	50.0
(DEL) Alkane: C...	11.704	6.2	ug/L	120268	3	11.807	972773	50.0