LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

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: VU059528.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	110	rBV	59431	77025	2.07%	0.191%
2	1.814	141	163	177	rVB3	35309	102163	2.75%	0.253%
3	1.891	178	187	199	rBV	45550	67959	1.83%	0.168%
4	2.554	381	393	407	rBV	107216	170413	4.59%	0.421%
5	2.731	445	448	453	rBV2	393	331	0.01%	0.001%
6	2.769	453	460	461	rBV2	460	569	0.02%	0.001%
7	2.814	471	474	477	rBV2	381	230	0.01%	0.001%
8	3.036	533	543	553	rBV2	3448	6671	0.18%	0.017%
9	3.123	563	570	572	rBV	223	243	0.01%	0.001%
10	3.178	572	587	606	rVB	12519	29092	0.78%	0.072%
11	3.374	645	648	651	rVB2	351	251	0.01%	0.001%
12	4.573	1013	1021	1024	rBV2	263	342	0.01%	0.001%
13	4.615	1024	1034	1067	rBV2	55013	136270	3.67%	0.337%
14	4.827	1097	1100	1103	rBV2	248	227	0.01%	0.001%
15	5.052	1155	1170	1194	rBV	95404	211930	5.70%	0.524%
16	5.190	1209	1213	1216	rBV2	464	369	0.01%	0.001%
17	5.264	1232	1236	1238	rBV	294	232	0.01%	0.001%
18	5.370	1265	1269	1272	rBV2	350	256	0.01%	0.001%
19	5.454	1289	1295	1299	rVB2	211	244	0.01%	0.001%
20	5.534	1317	1320	1326	rVB2	233	233	0.01%	0.001%
21	5.718	1353	1377	1399	rBV2	191013	520148	14.00%	1.287%
22	5.894	1428	1432	1437	rBV3	340	270	0.01%	0.001%
23	5.984	1458	1460	1463	rBV2	334	226	0.01%	0.001%
24	6.242	1527	1540	1567	rBV	225214	437902	11.78%	1.083%
25	6.531	1622	1630	1638	rVB5	1979	3191	0.09%	0.008%
26	6.599	1648	1651	1656	rVB3	334	233	0.01%	0.001%
27	6.682	1664	1677	1693	rBV	118048	236999	6.38%	0.586%
28	6.801	1711	1714	1718	rBV	578	481	0.01%	0.001%
29	6.859	1727	1732	1744	rVB5	829	1049	0.03%	0.003%
30	7.058	1784	1794	1796	rBV3	1464	1436	0.04%	0.004%
31	7.148	1819	1822	1831	rVB2	172	238	0.01%	0.001%
32	7.213	1831	1842	1843	rBV5	1349	1316	0.04%	0.003%
33	7.232	1843	1848	1858	rVB7	2218	3169	0.09%	0.008%
34	7.348	1880	1884	1889	rBV2	242	224	0.01%	0.001%
35	7.422	1894	1907	1914	rBV5	1257	2061	0.06%	0.005%
36	7.492	1916	1929	1937	rBV3	12825	21788	0.59%	0.054%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

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	1939	1950	1966	rVB2	60612	108892	2.93%	0.269%
38	7.656	1971	1980	1997	rVB4	8917	18090	0.49%	0.045%
39	7.743	2001	2007	2009	rBV3	1139	1037	0.03%	0.003%
40	7.849	2029	2040	2044	rBV3	24301	40092	1.08%	0.099%
41	7.891	2044	2053	2074	rVB	238157	422617	11.37%	1.045%
42	8.029	2086	2096	2100	rBV9	3484	7020	0.19%	0.017%
43	8.090	2109	2115	2122	rVB6	3555	5409	0.15%	0.013%
44	8.174	2131	2141	2150	rBV2	43828	72026	1.94%	0.178%
45	8.235	2152	2160	2174	rVB4	24020	45074	1.21%	0.111%
46	8.325	2184	2188	2190	rBV	351	235	0.01%	0.001%
47	8.364	2190	2200	2210	rVB4	10760	17586	0.47%	0.043%
48	8.425	2210	2219	2221	rBV3	3735	4603	0.12%	0.011%
49	8.467	2227	2232	2242	rVB4	9280	13856	0.37%	0.034%
50	8.531	2242	2252	2268	rVB3	21495	35670	0.96%	0.088%
51	8.627	2268	2282	2297	rBV	225068	402830	10.84%	0.996%
52	8.756	2312	2322	2327	rBV2	46592	74867	2.01%	0.185%
53	8.859	2347	2354	2363	rVB2	73184	113061	3.04%	0.280%
54	8.920	2363	2373	2382	rBV	155507	272000	7.32%	0.673%
55	9.065	2409	2418	2425	rBV3	29251	48533	1.31%	0.120%
56	9.113	2425	2433	2440	rVV	149276	236297	6.36%	0.584%
57	9.158	2441	2447	2455	rVV3	183170	316568	8.52%	0.783%
58	9.203	2456	2461	2478	rVB	184821	278514	7.49%	0.689%
59	9.290	2480	2488	2489	rBV4	5356	5512	0.15%	0.014%
60	9.332	2489	2501	2511	rBV	361715	574840	15.47%	1.422%
61	9.412	2517	2526	2538	rVB	356051	564725	15.19%	1.397%
62	9.557	2561	2571	2585	rVB3	113080	217434	5.85%	0.538%
63	9.660	2585	2603	2610	rBV6	190587	477632	12.85%	1.181%
64	9.711	2611	2619	2626	rVV2	435761	678753	18.26%	1.679%
65	9.753	2627	2632	2657	rVB	277434	552691	14.87%	1.367%
66	9.872	2657	2669	2683	rBV5	124381	297253	8.00%	0.735%
67	9.949	2684	2693	2701	rBV3	76779	138825	3.74%	0.343%
68	10.013	2702	2713	2727	rBV6	692816	1635064	43.99%	4.044%
69	10.113	2738	2744	2754	rBV3	351687	492425	13.25%	1.218%
70	10.248	2769	2786	2799	rBV3	1862750	3716551	100.00%	9.193%
71	10.351	2810	2818	2825	rBV3	1153186	1940801	52.22%	4.800%
72	10.553	2865	2881	2890	rBV6	1037617	2429893	65.38%	6.010%
73	10.618	2895	2901	2915	rVB	1612741	2474402	66.58%	6.120%
74	10.692	2917	2924	2929	rBV3	226822	355780	9.57%	0.880%
75	10.804	2953	2959	2980	rVB5	1239706	2332322	62.76%	5.769%
76	10.949	2996	3004	3015	rBV3	441407	876662	23.59%	2.168%

LSC Area Percent Report

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Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

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

77	11.013	3017	3024	3030	rVV3	518515	872597	23.48%	2.158%
78	11.058	3032	3038	3048	rVB2	1308845	1979543	53.26%	4.896%
79	11.412	3141	3148	3156	rVB	2519142	3339586	89.86%	8.260%
80	11.566	3190	3196	3202	rBV3	380927	594872	16.01%	1.471%
81	11.708	3233	3240	3248	rVB	1296917	1740236	46.82%	4.304%
82	11.891	3286	3297	3312	rVB3	1096376	2987438	80.38%	7.389%
83	12.090	3351	3359	3372	rBV3	475801	847092	22.79%	2.095%
84	12.180	3378	3387	3404	rVB3	1115677	2510327	67.54%	6.209%
85	12.923	3611	3618	3625	rBV3	249206	440622	11.86%	1.090%
86	13.444	3772	3780	3797	rVB3	249424	511390	13.76%	1.265%
87	13.730	3863	3869	3877	rBV10	16961	27210	0.73%	0.067%
88	14.084	3972	3979	4000	rVB	115203	224504	6.04%	0.555%
89	14.663	4151	4159	4163	rBV9	2586	4229	0.11%	0.010%
90	14.791	4195	4199	4201	rBV4	517	423	0.01%	0.001%
91	14.817	4204	4207	4211	rBV3	863	532	0.01%	0.001%
92	14.862	4219	4221	4223	rBV2	566	250	0.01%	0.001%
93	14.923	4236	4240	4241	rBV2	469	276	0.01%	0.001%
94	14.955	4241	4250	4254	rVV6	756	1391	0.04%	0.003%
95	15.019	4266	4270	4275	rVB6	1026	1208	0.03%	0.003%
96	15.048	4276	4279	4281	rBV4	737	480	0.01%	0.001%
97	15.235	4325	4337	4344	rBV7	3417	7011	0.19%	0.017%
98	15.418	4385	4394	4409	rBV3	2077	4767	0.13%	0.012%
99	15.669	4470	4472	4476	rBV2	503	326	0.01%	0.001%
100	16.405	4694	4701	4707	rBV6	1014	1599	0.04%	0.004%

Sum of corrected areas: 40430132

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
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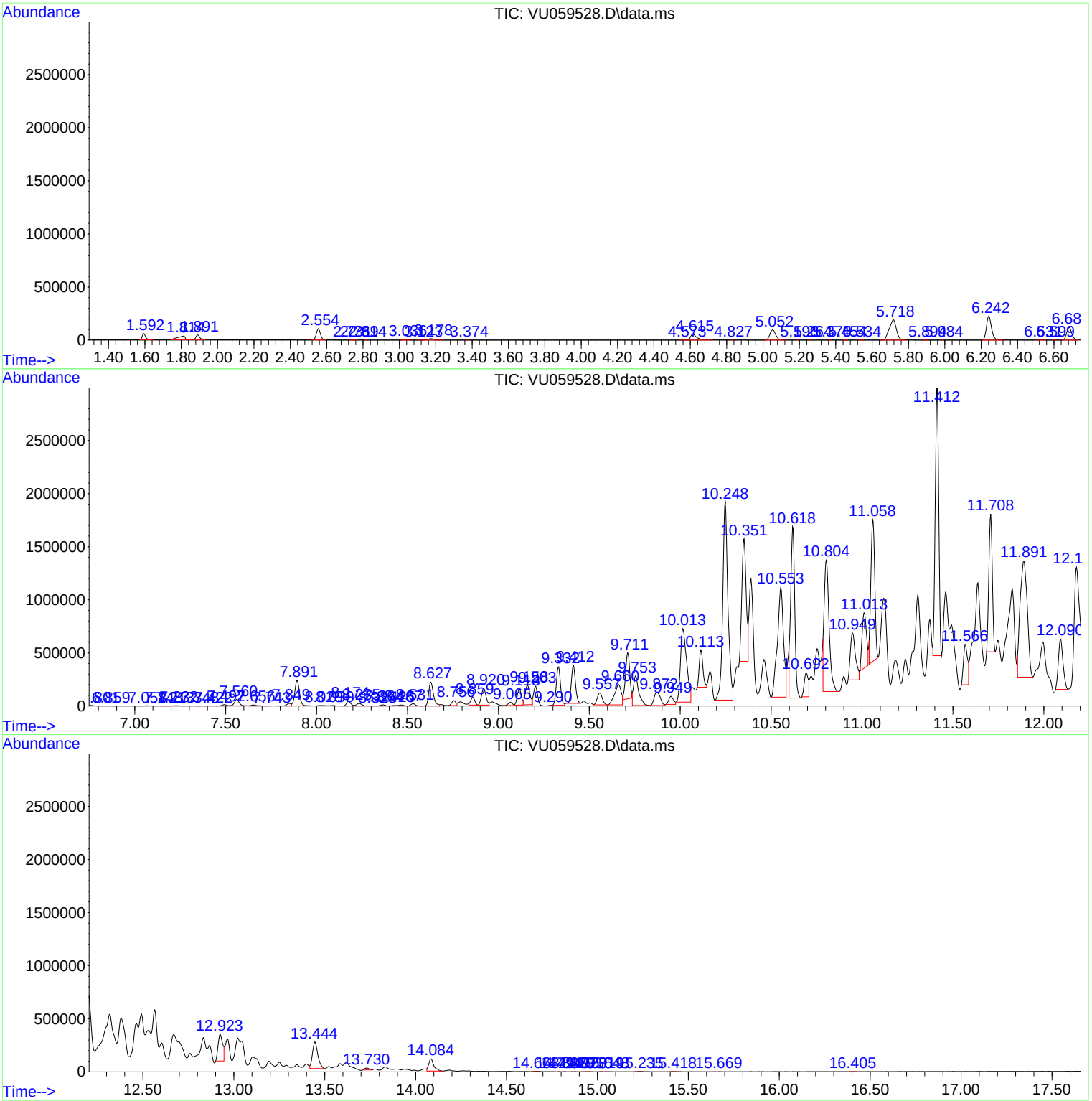
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

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

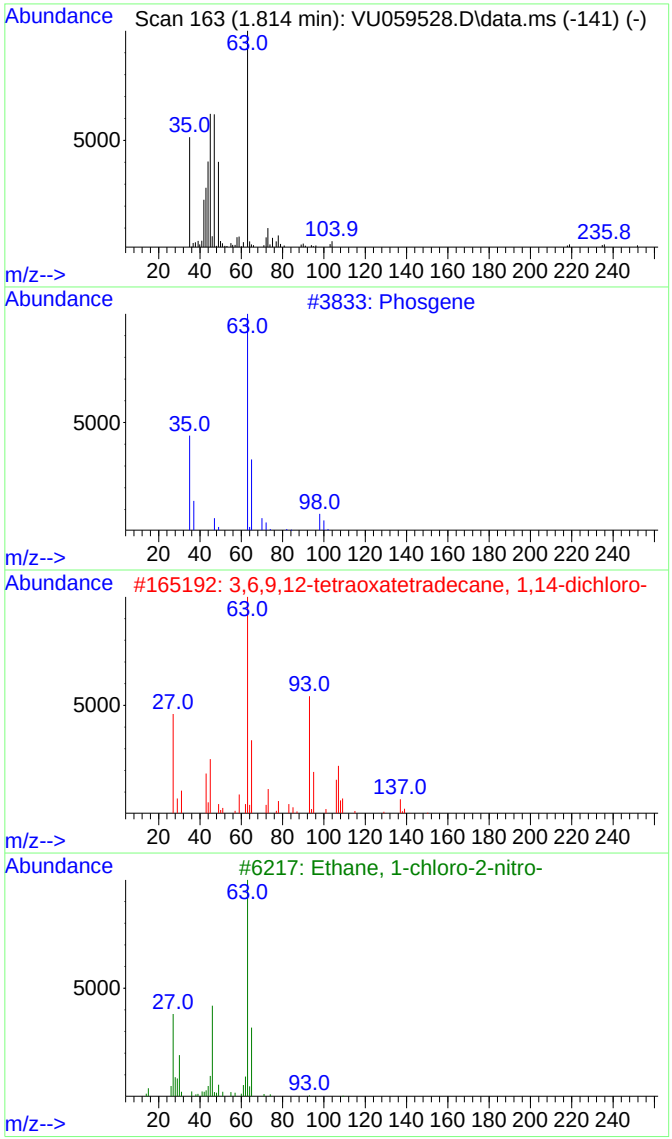
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

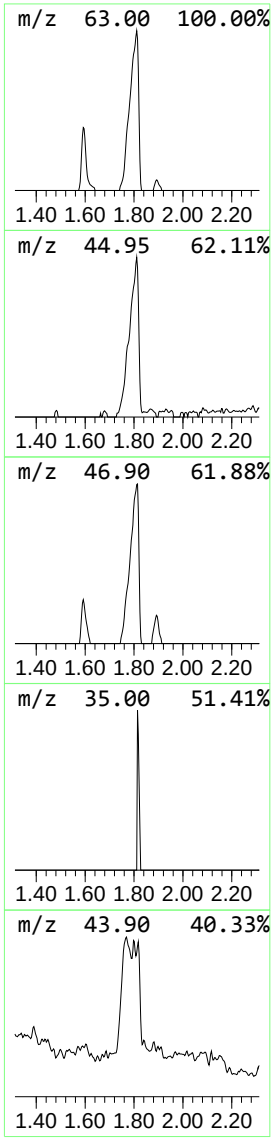
****

Peak Number 1 unknown-01 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.814	11.67 ug/L	102163	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosgene	98	CCl2O	000075-44-5	28
2	3,6,9,12-tetraoxatetradecane, 1,...	274	C10H20Cl2O4	1000401-80-9	12
3	Ethane, 1-chloro-2-nitro-	109	C2H4ClNO2	000625-47-8	12
4	2-[2-(2-Chloro-ethoxy)-ethoxy]-p...	216	C10H13ClO3	1000317-46-1	9
5	2-Chloroethyl methyl sulfoxide	126	C3H7ClOS	005331-57-7	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

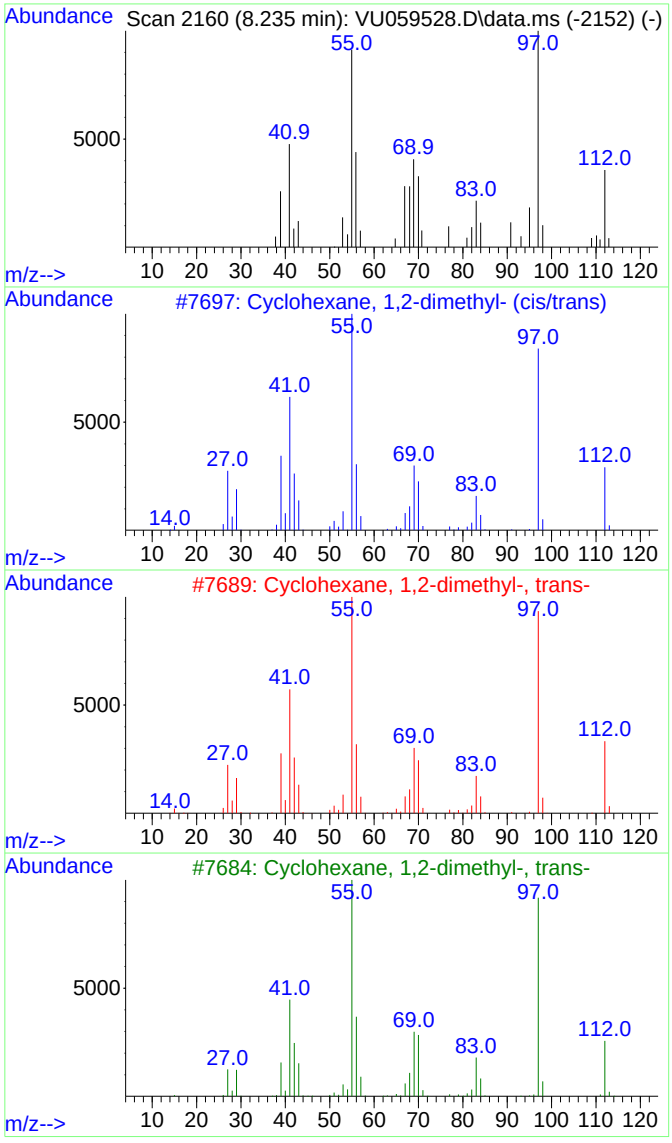
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

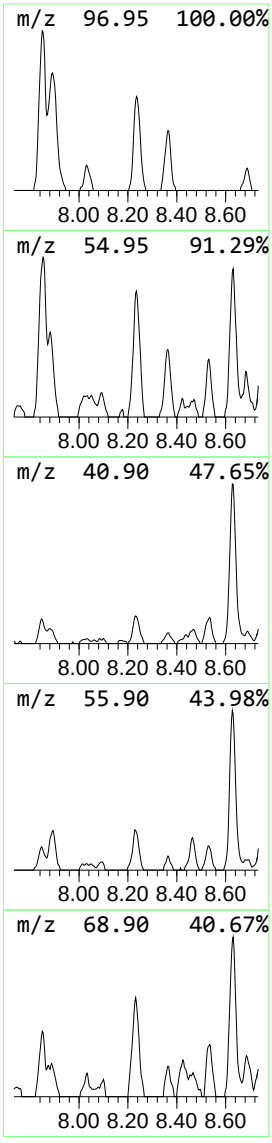
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic8.235 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.235	3.99 ug/L	45074	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	87
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	83
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	81
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

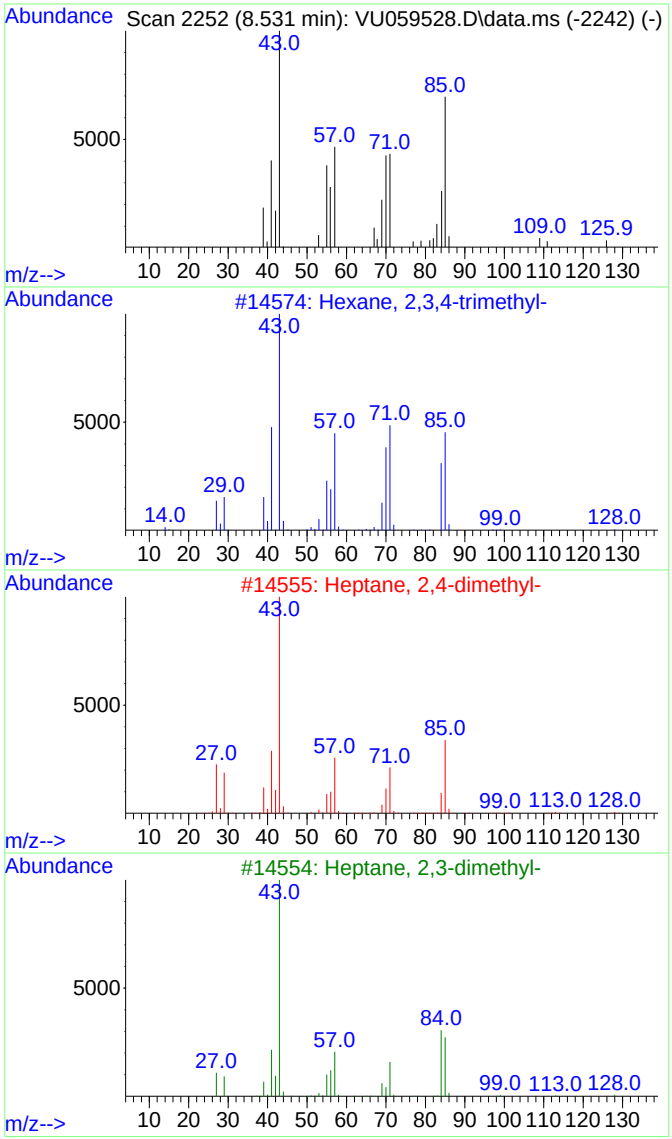
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

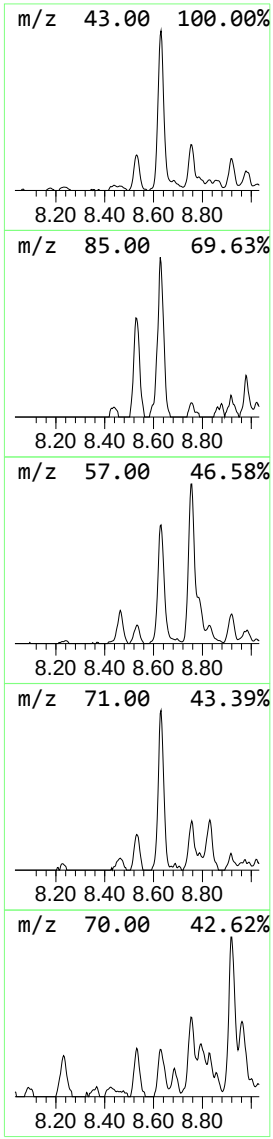
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.531	3.16 ug/L	35670	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	43
4	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	43
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

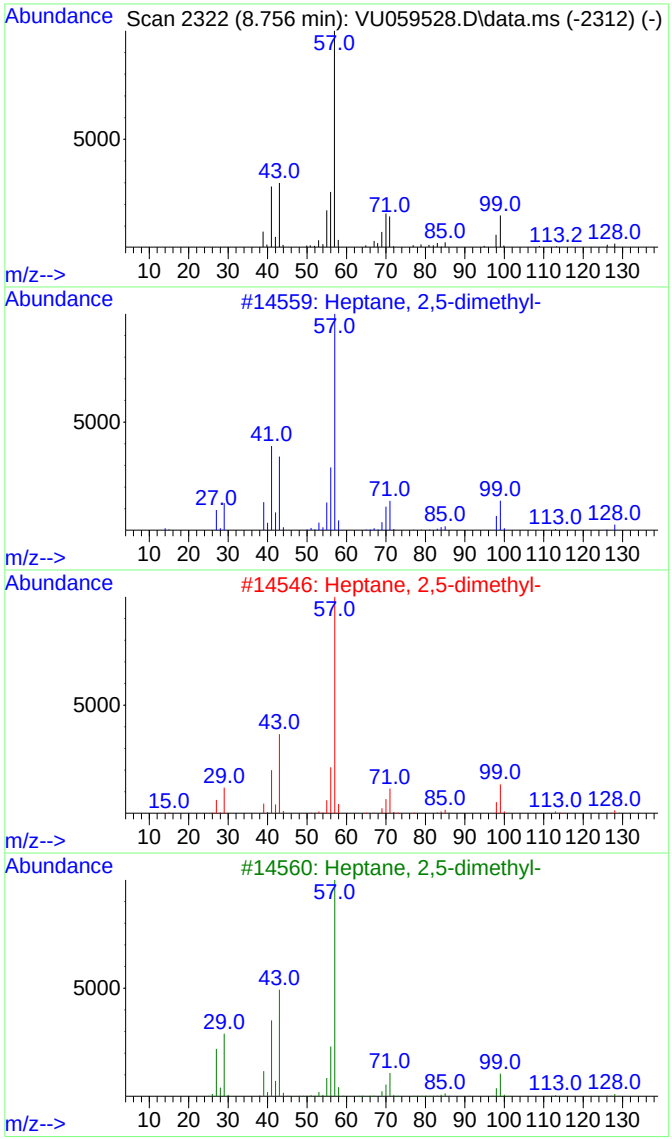
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

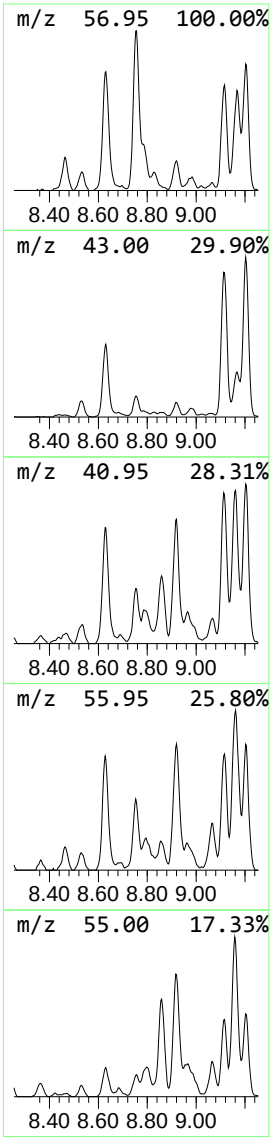
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.756	6.63 ug/L	74867	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	80
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	80
4	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	72
5	Octane, 3-methyl-	128	C9H20	002216-33-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

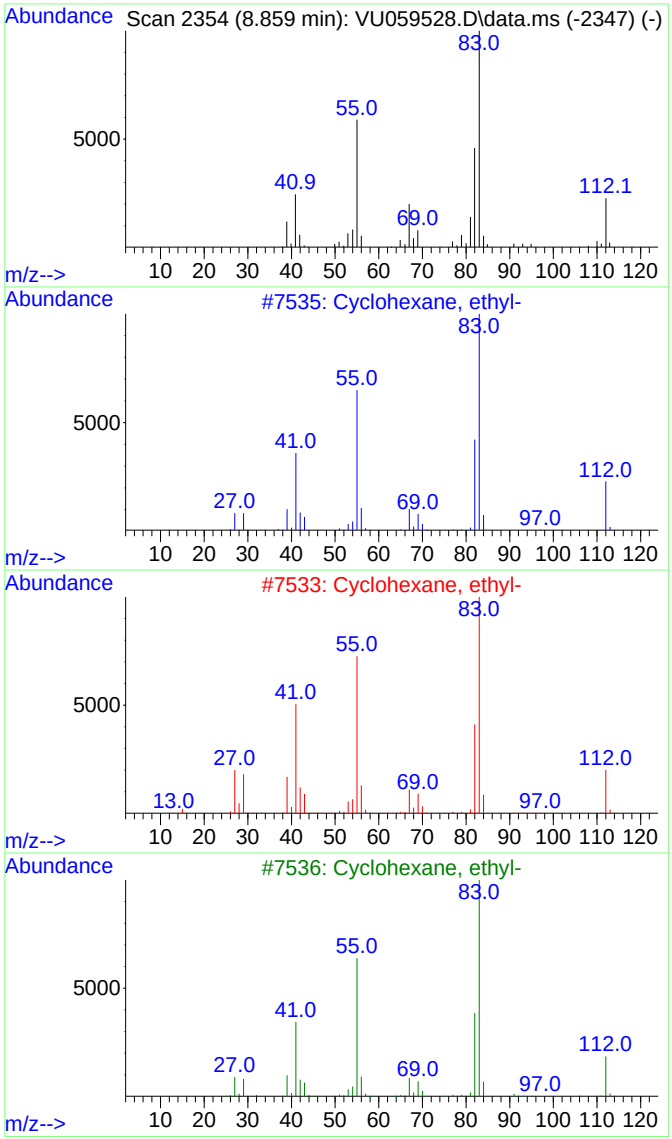
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

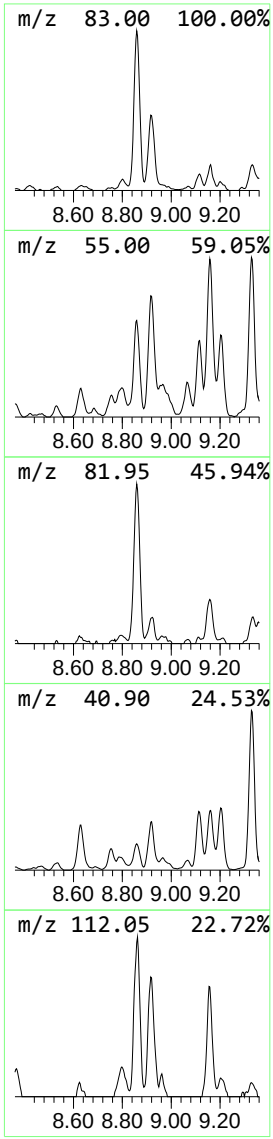
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic8.859 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.859	10.01 ug/L	113061	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	80
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
4	2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	58
5	3-Hexene, 2,4-dimethyl-	112	C8H16	082085-14-1	50





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Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

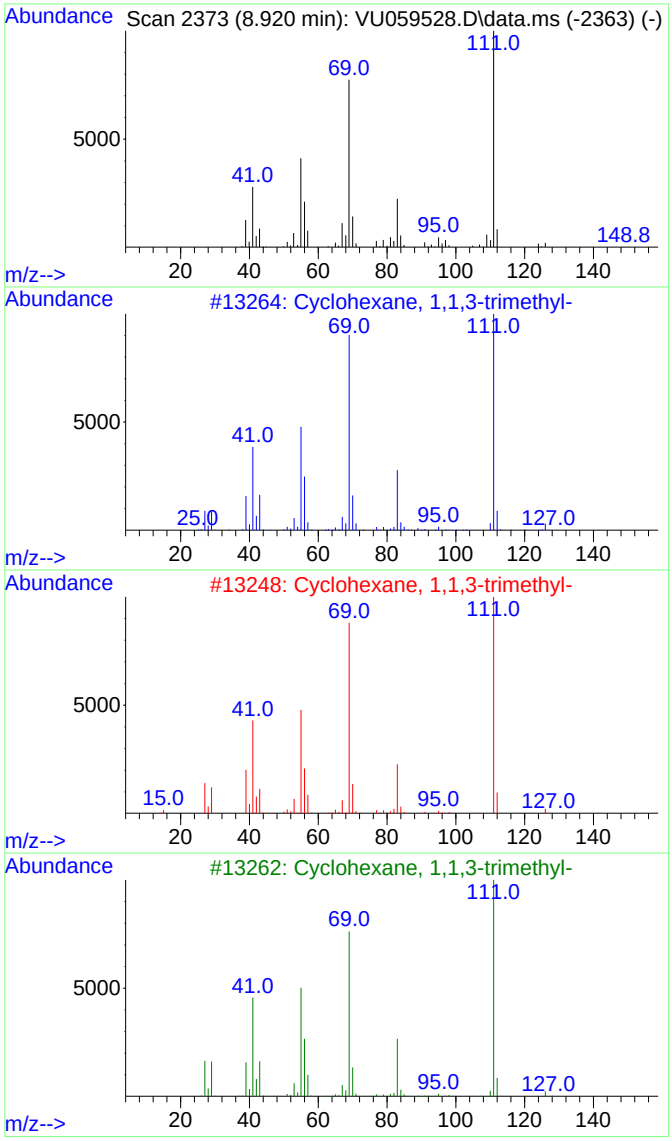
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

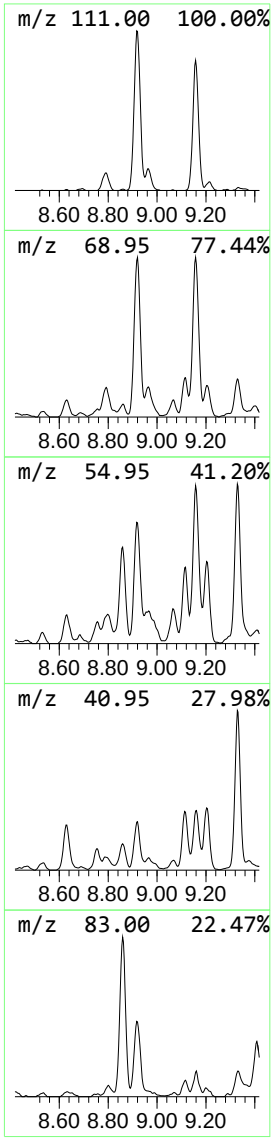
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic8.920 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.920	24.08 ug/L	272000	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	94
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	93
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	70





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Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

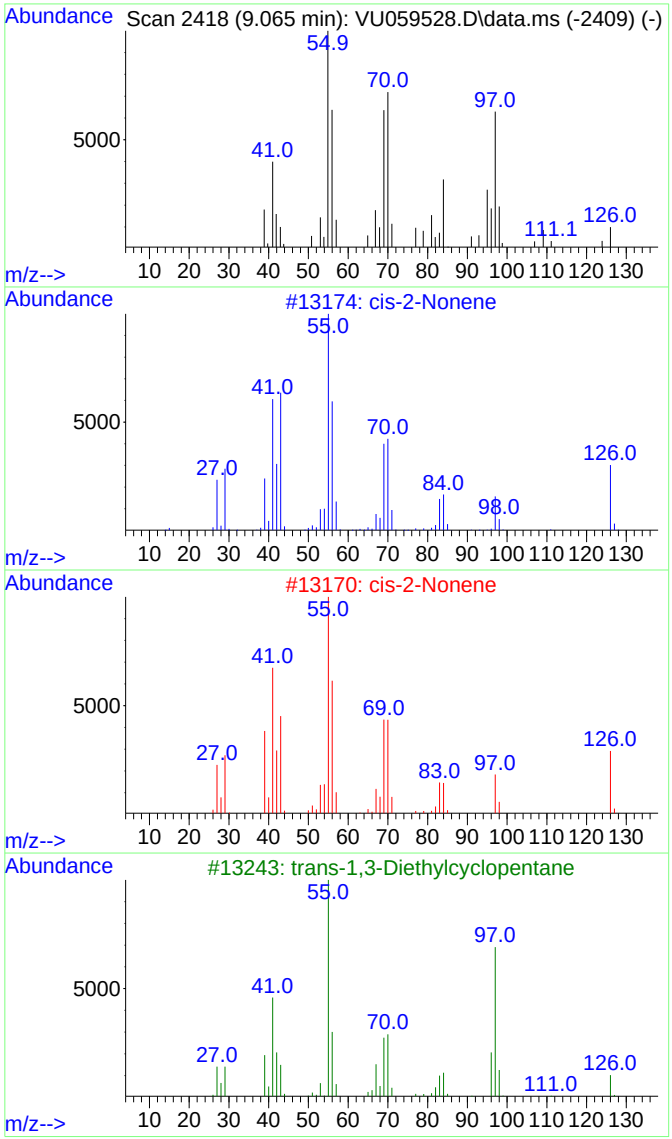
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

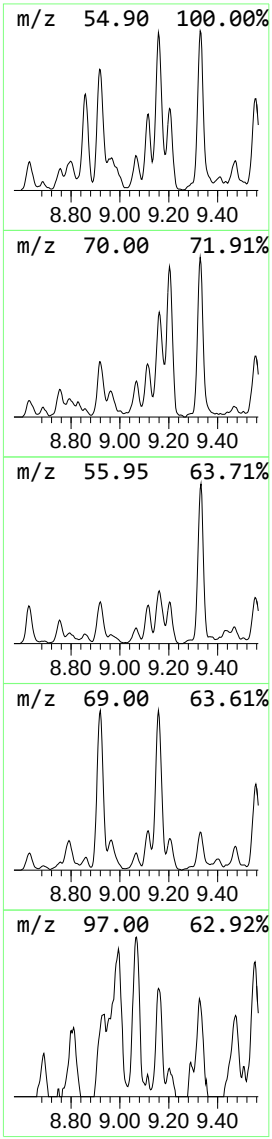
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.065	4.30 ug/L	48533	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-2-Nonene	126	C9H18	006434-77-1	64
2	cis-2-Nonene	126	C9H18	006434-77-1	52
3	trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	49
4	3-Nonene, (E)-	126	C9H18	020063-92-7	49
5	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	43





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Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

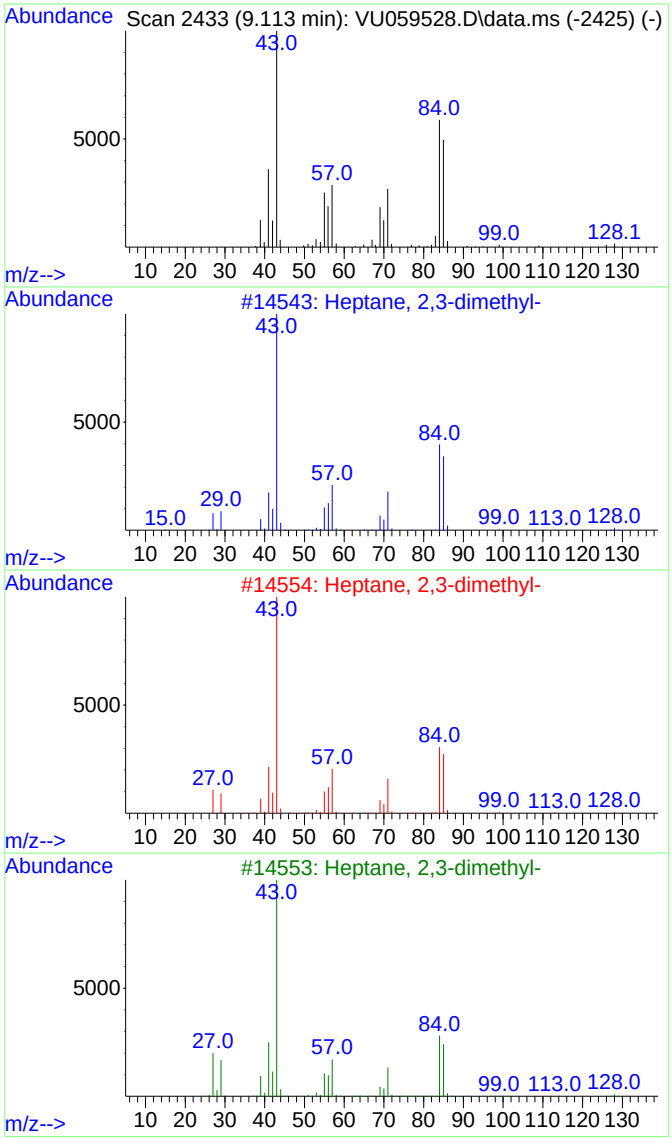
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

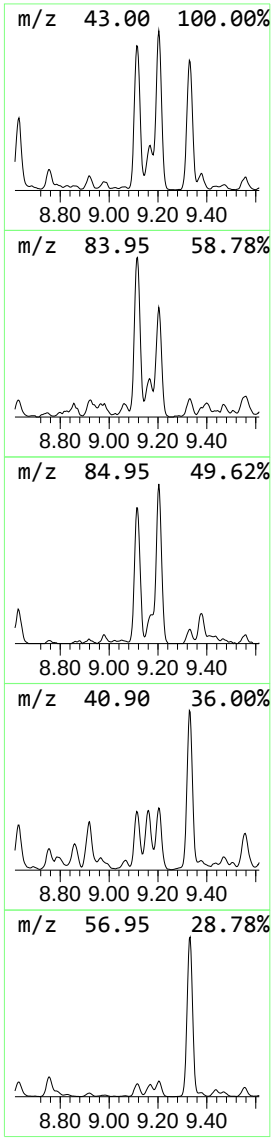
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.113	20.92 ug/L	236297	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	74
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	74
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	68
4	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	64
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

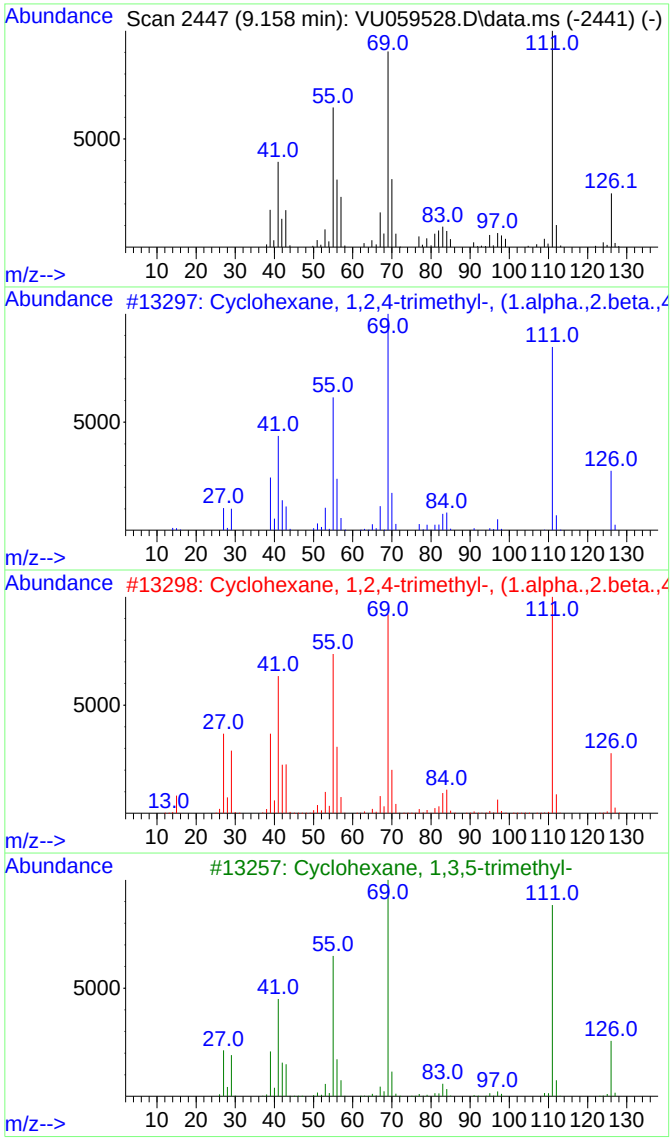
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

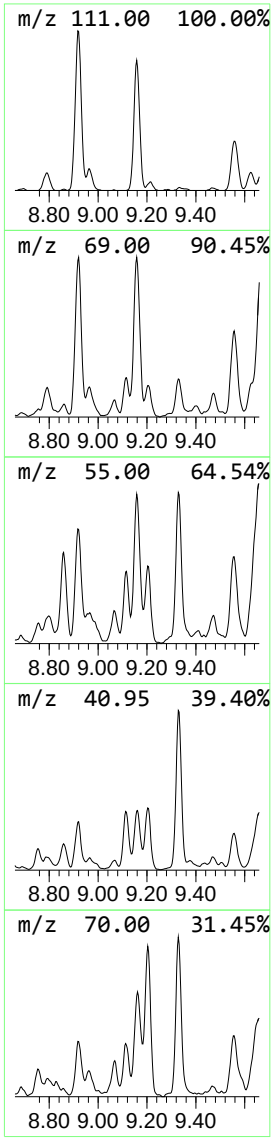
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic9.158 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.158	28.03 ug/L	316568	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	90
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	87
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	83
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	83
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

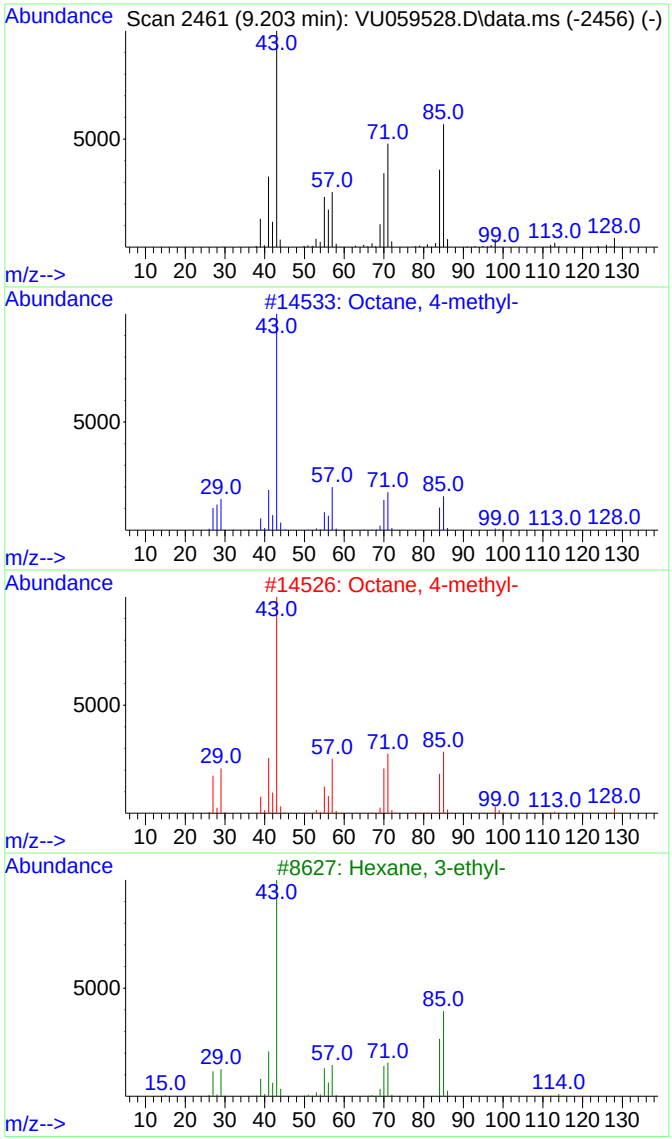
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

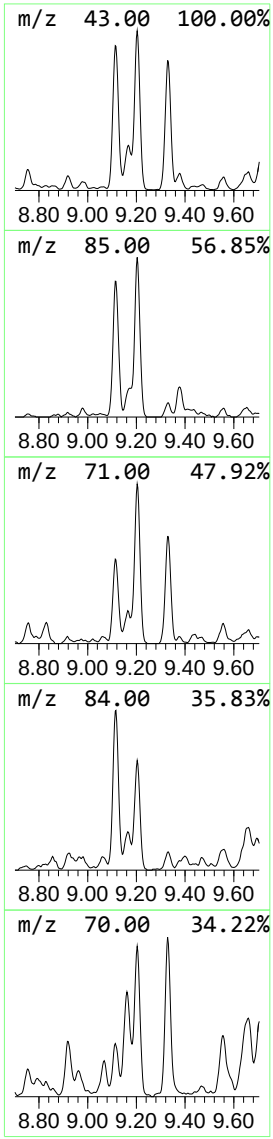
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.203	24.66 ug/L	278514	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	91
2	Octane, 4-methyl-	128	C9H20	002216-34-4	90
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	72
4	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	59
5	Octane, 4-methyl-	128	C9H20	002216-34-4	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

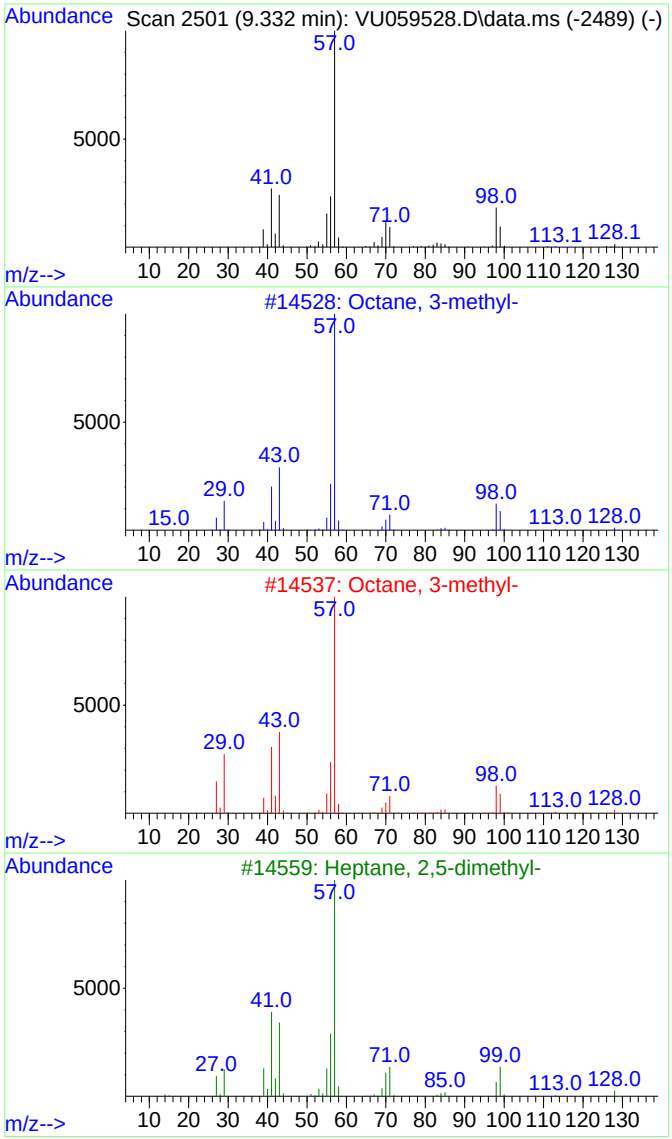
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

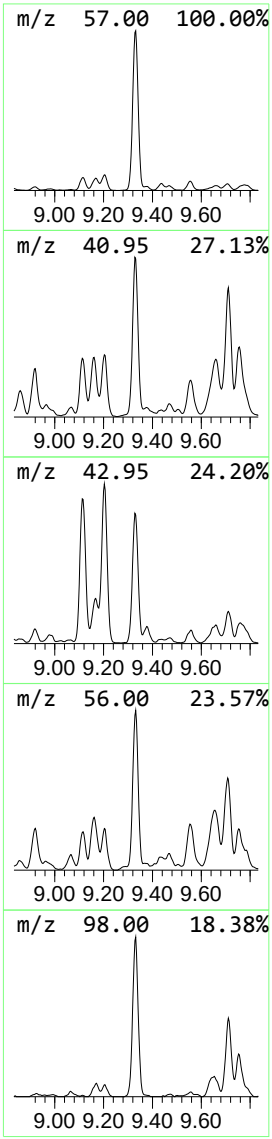
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.332	50.90 ug/L	574840	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	86
2	Octane, 3-methyl-	128	C9H20	002216-33-3	86
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	74
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

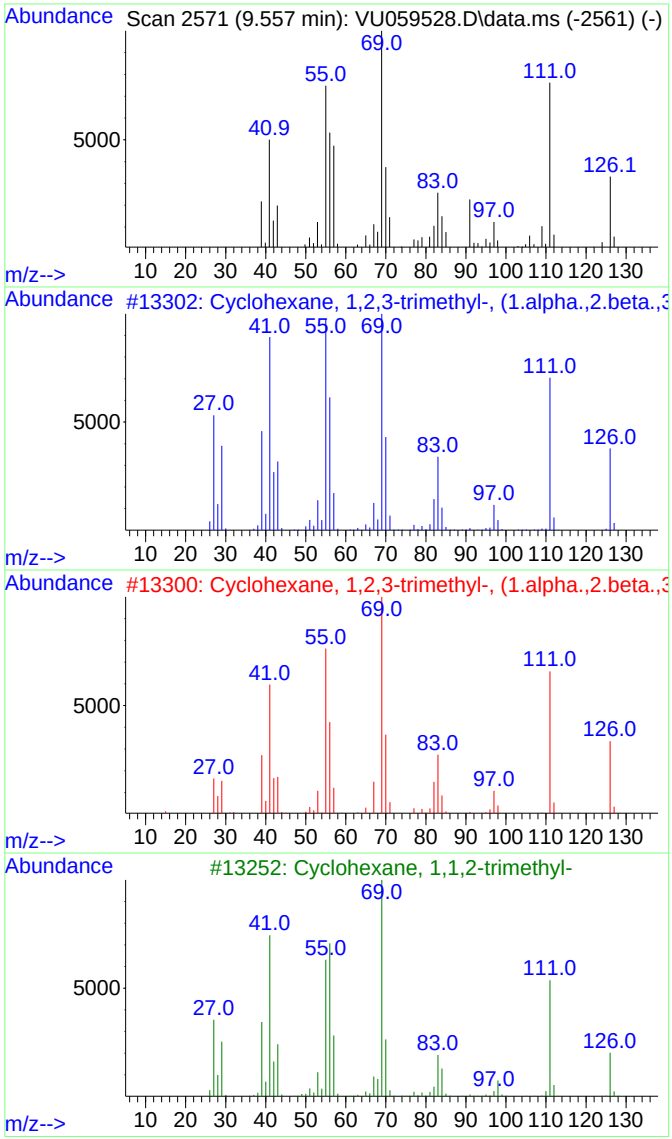
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

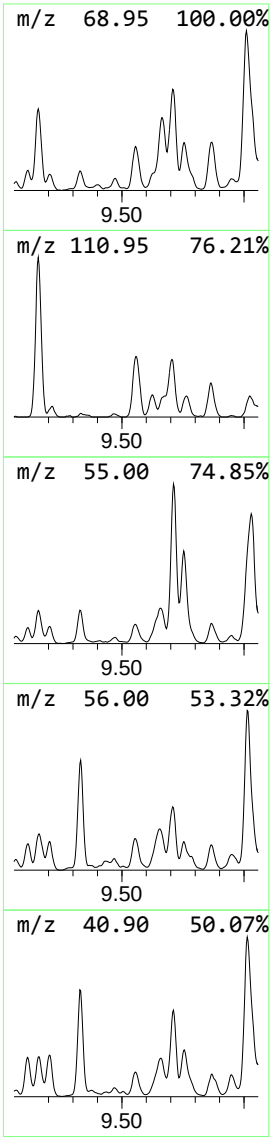
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Cyclic9.557 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.557	19.25 ug/L	217434	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	94
2	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	94
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	90
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	81
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

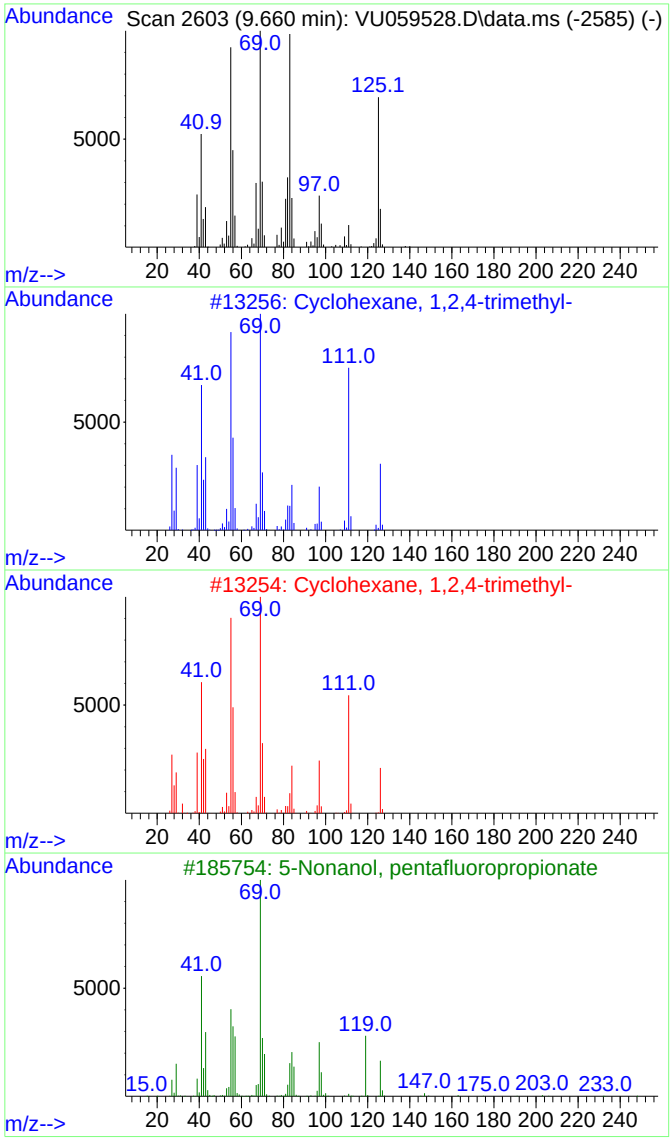
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

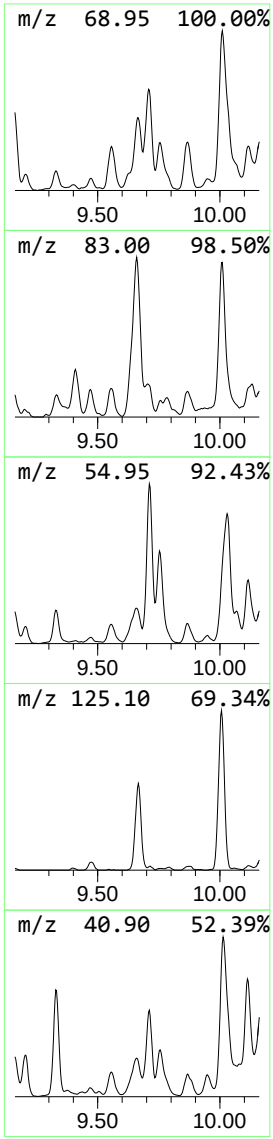
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic9.660 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.660	42.29 ug/L	477632	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	60
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	50
3	5-Nonanol, pentafluoropropionate	290	C12H19F5O2	1000463-47-9	49
4	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	49
5	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

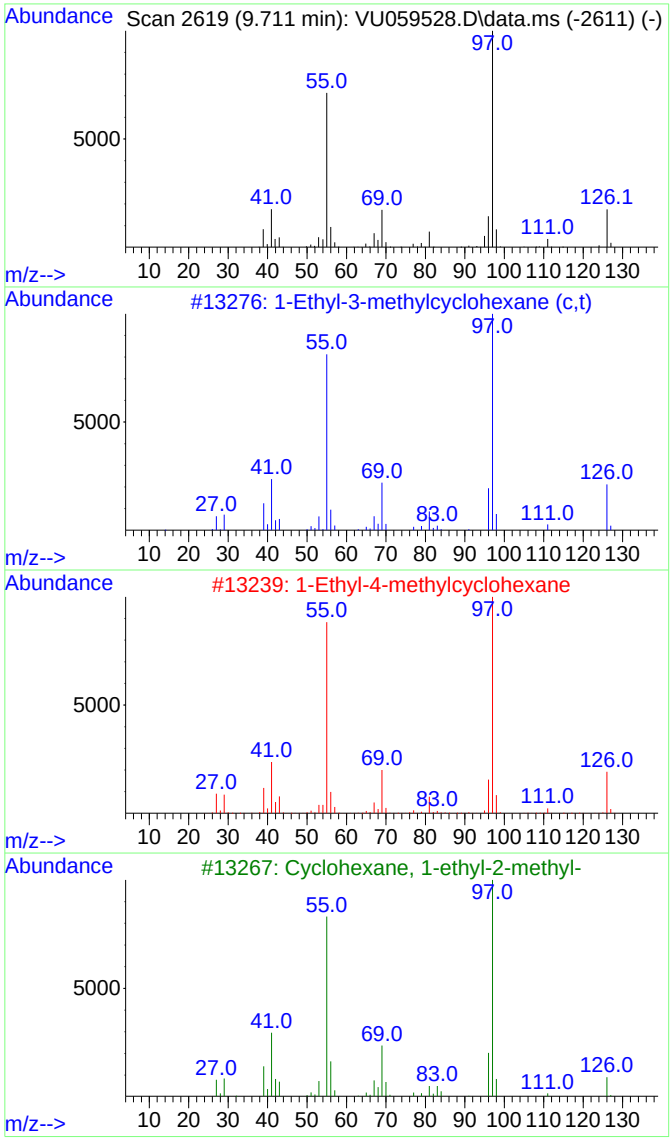
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

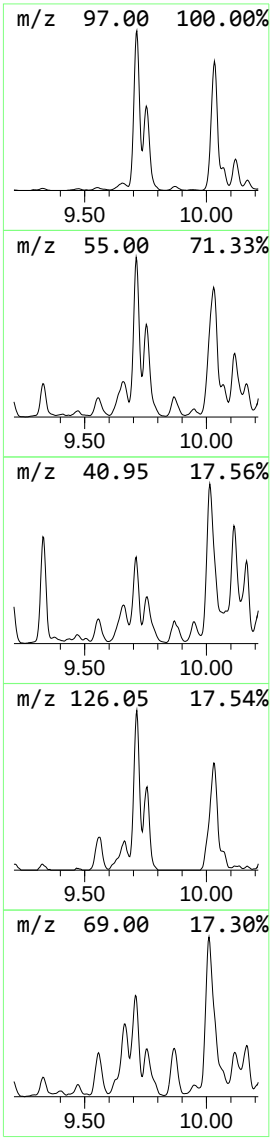
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Cyclic9.711 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.711	60.10 ug/L	678753	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	94
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	94
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	80
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	80
5	1H-Pyrazole, 4,5-dihydro-3-methy...	126	C7H14N2	026964-49-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

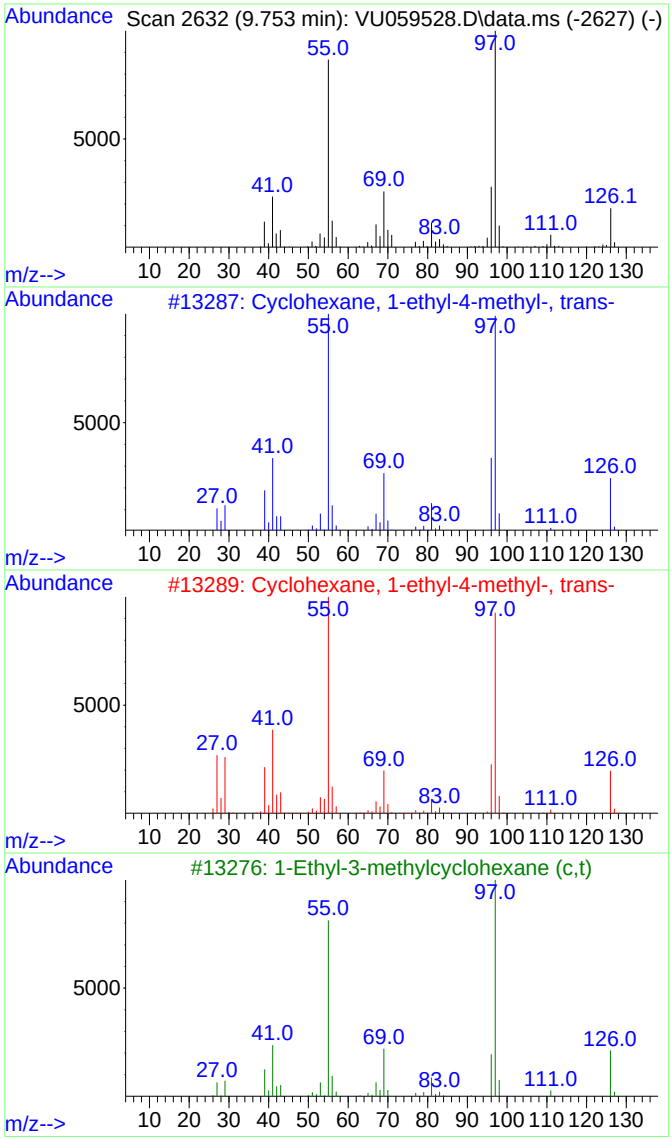
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

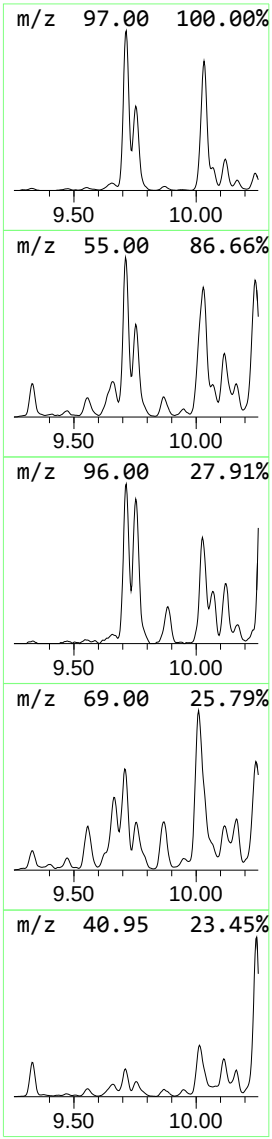
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic9.753 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.753	48.93 ug/L	552691	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	94
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	91
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	90
4	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	90
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

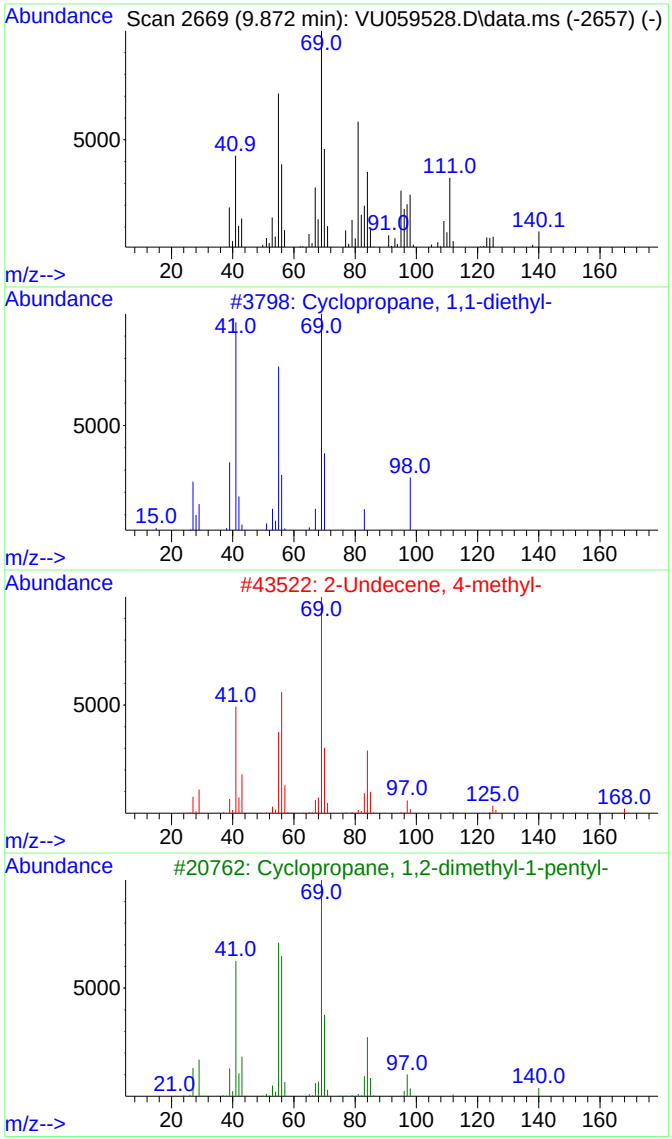
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

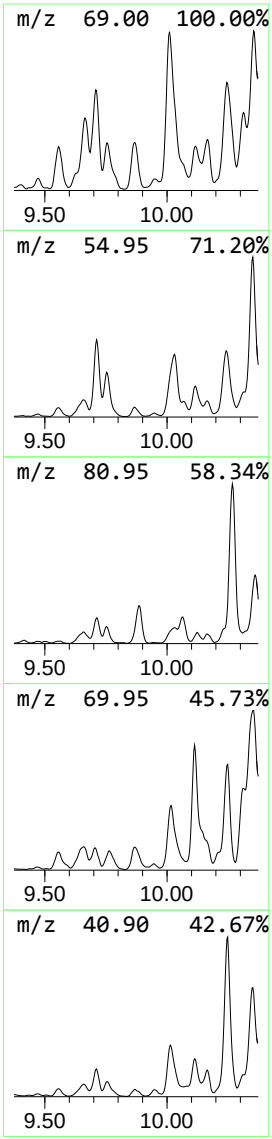
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Cyclic9.872 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.872	26.32 ug/L	297253	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	52
2	2-Undecene, 4-methyl-	168	C12H24	091695-32-8	47
3	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	46
4	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	45
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

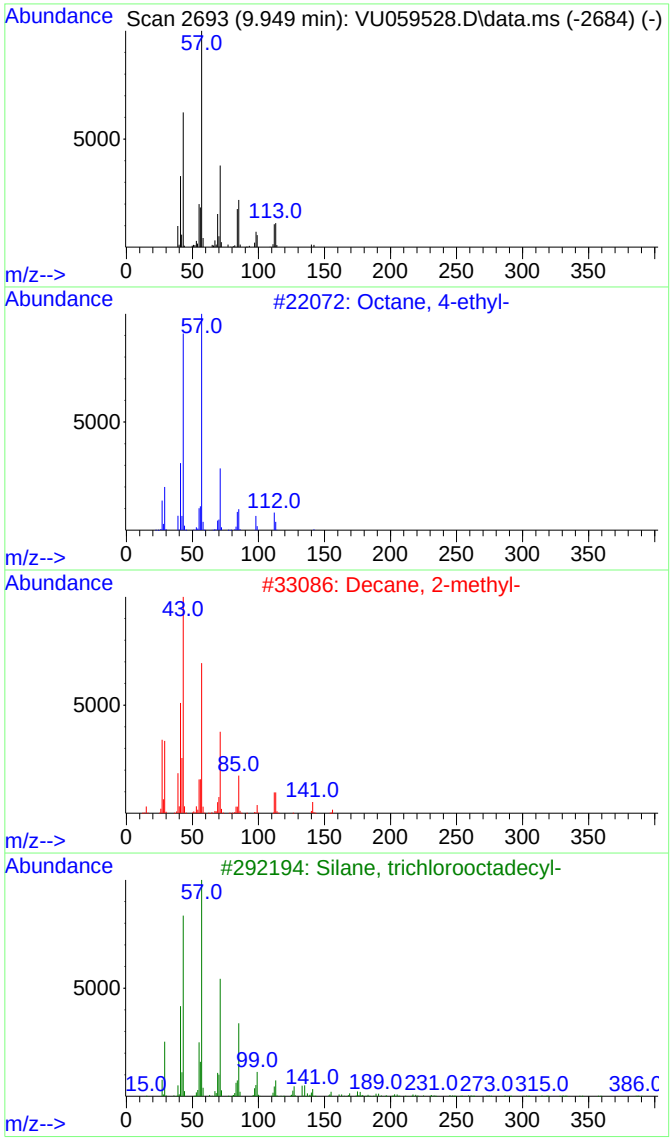
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

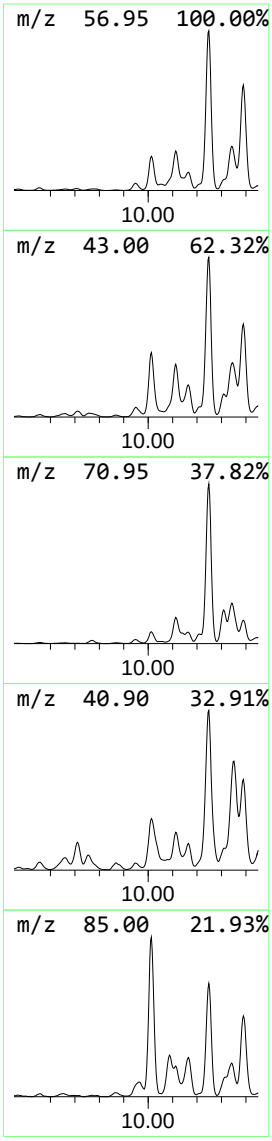
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.949	12.29 ug/L	138825	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-ethyl-	142	C10H22	015869-86-0	64
2	Decane, 2-methyl-	156	C11H24	006975-98-0	59
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	50
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	50
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	50





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Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

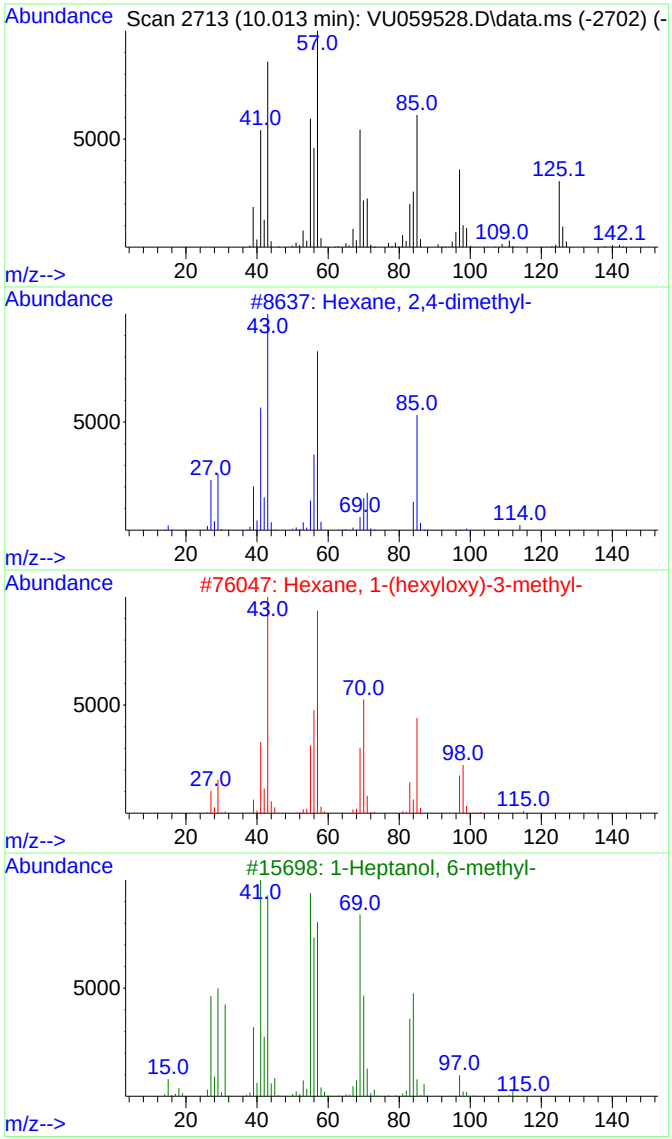
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

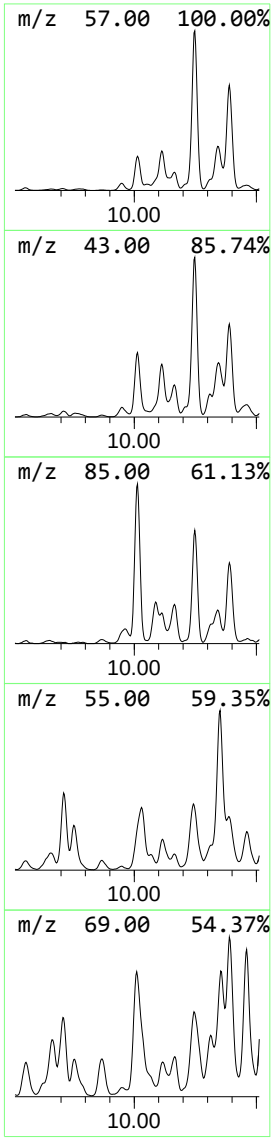
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.013	144.77 ug/L	1635060	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47
2	Hexane, 1-(hexyloxy)-3-methyl-	200	C13H28O	074421-18-4	43
3	1-Heptanol, 6-methyl-	130	C8H18O	001653-40-3	38
4	Heptane, 3-methyl-	114	C8H18	000589-81-1	38
5	Cyclopentane, butyl-	126	C9H18	002040-95-1	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

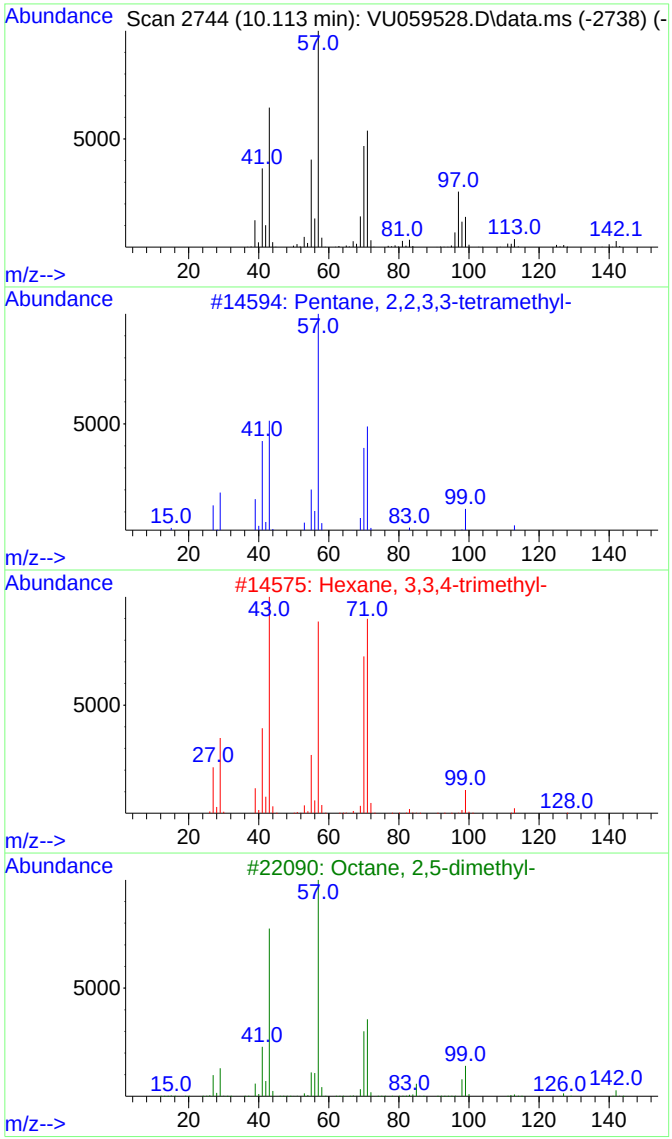
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

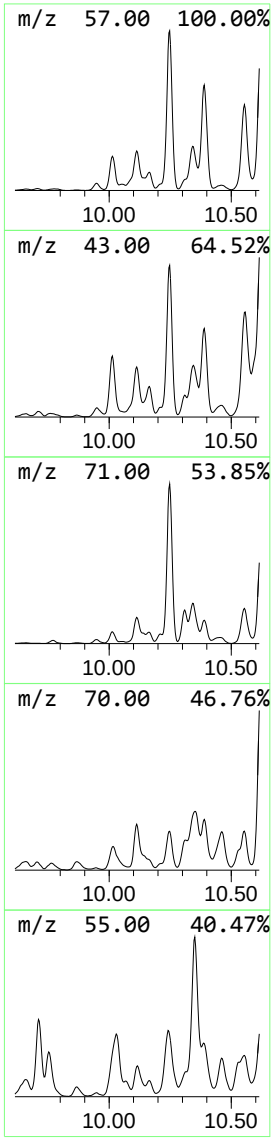
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.113	43.60 ug/L	492425	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
2	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	50
3	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	46
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	46
5	2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

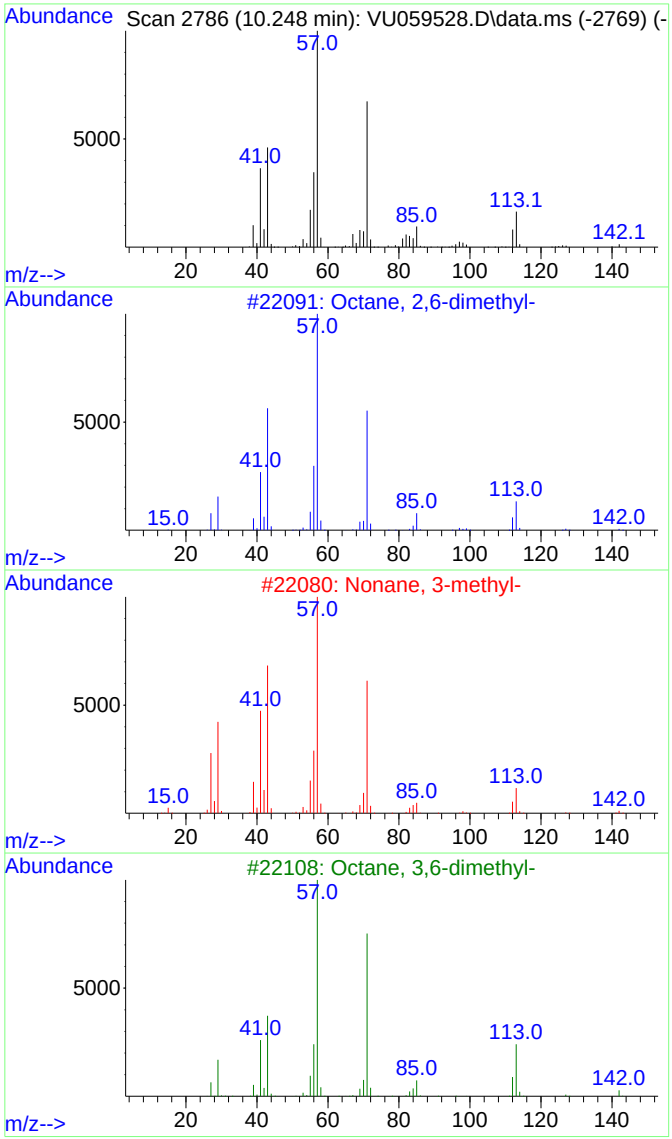
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

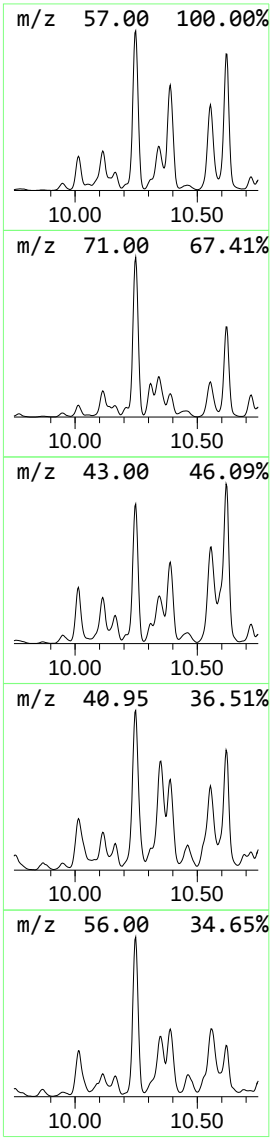
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.248	329.06 ug/L	3716550	Chlorobenzene-d5	9.412

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

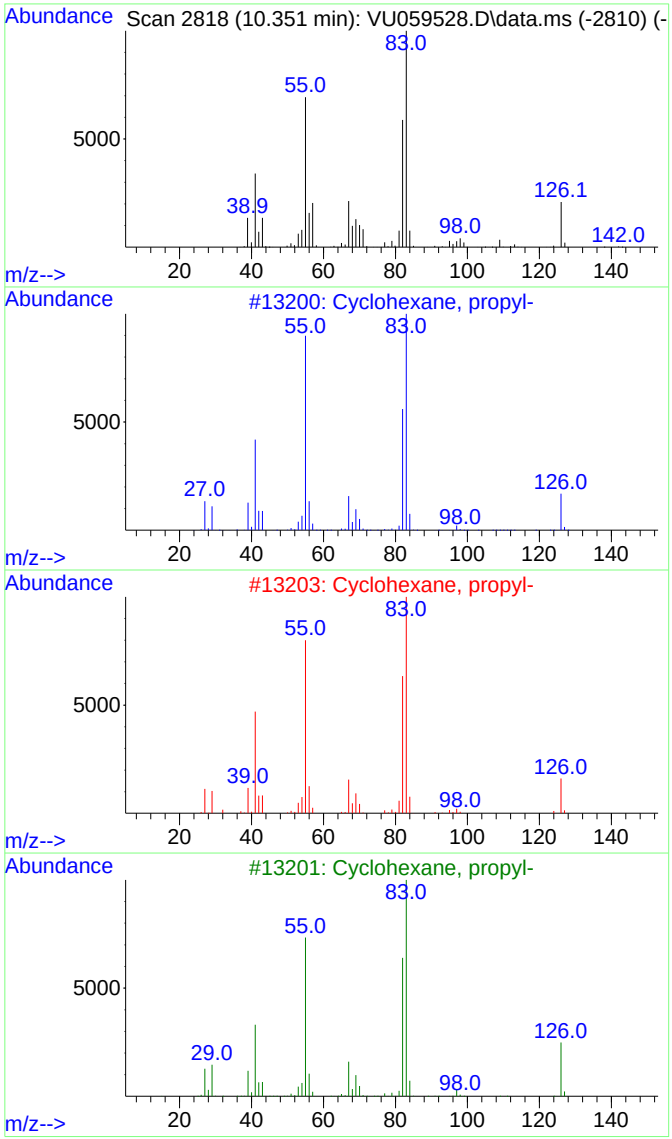
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

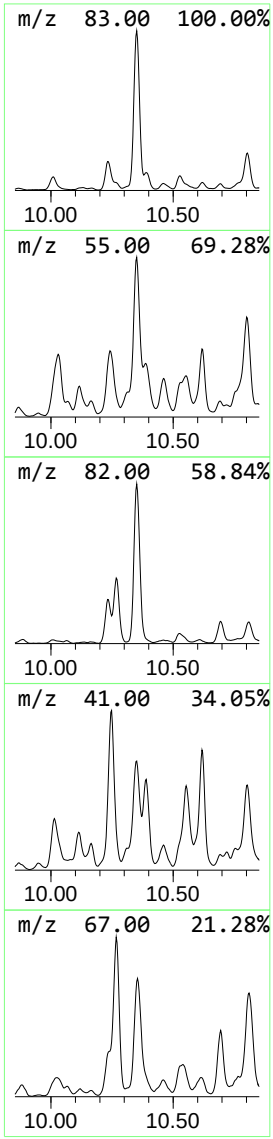
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Cyclic10.351 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.351	171.84 ug/L	1940800	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	91
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	90
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

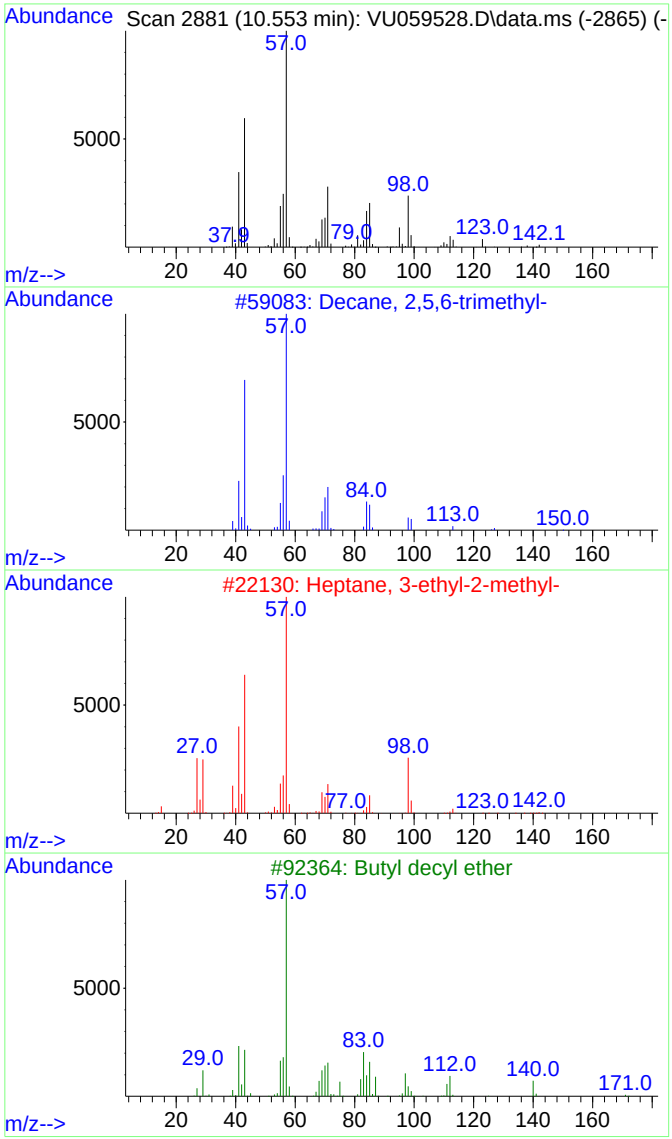
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

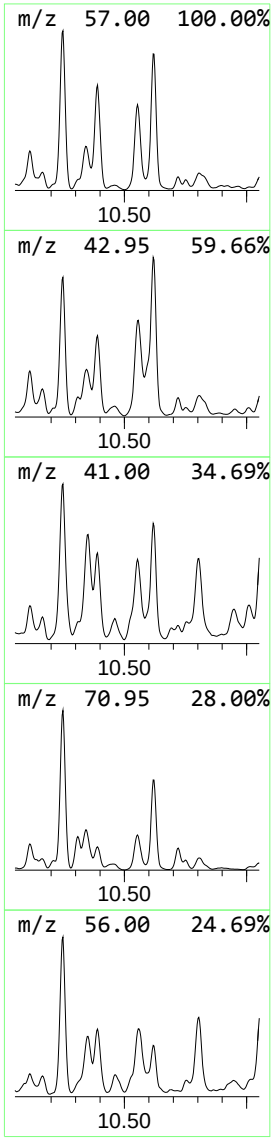
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.553	215.14 ug/L	2429890	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	47
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	47
3	Butyl decyl ether	214	C14H30O	1000406-40-2	43
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	43
5	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

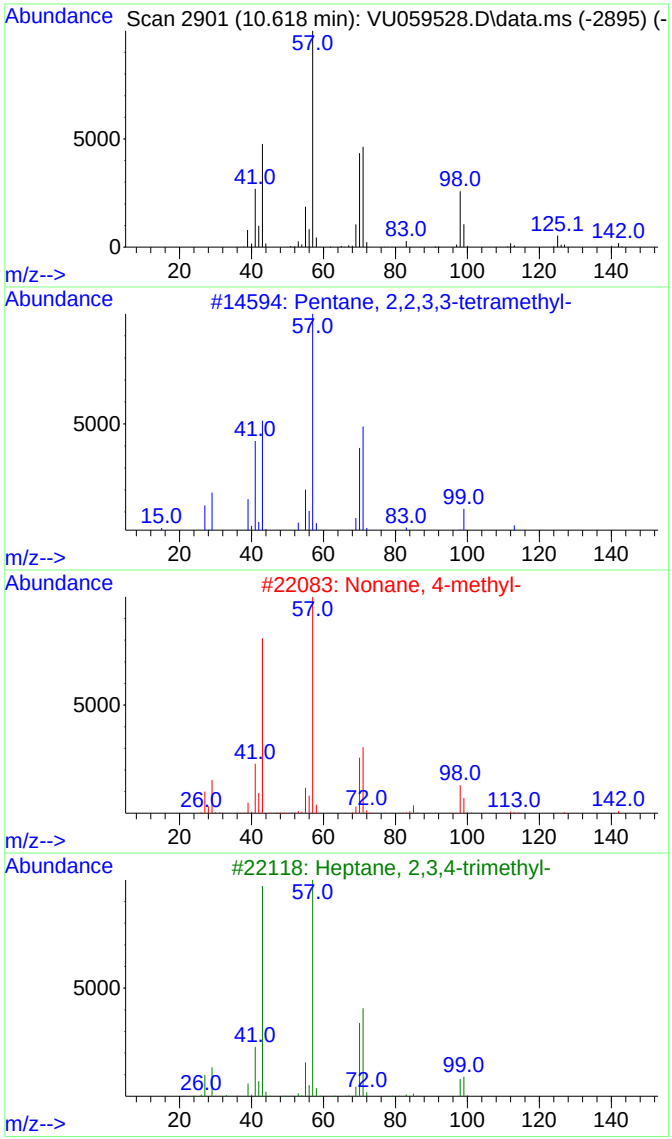
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

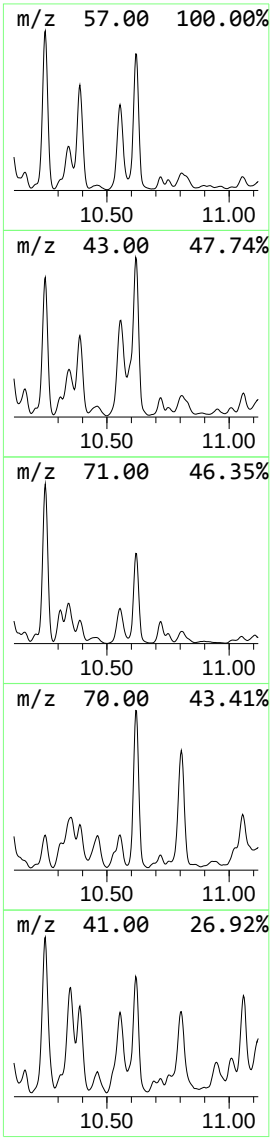
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.618	41.41 ug/L	2474400	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	59
3	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	53
4	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	53
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

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

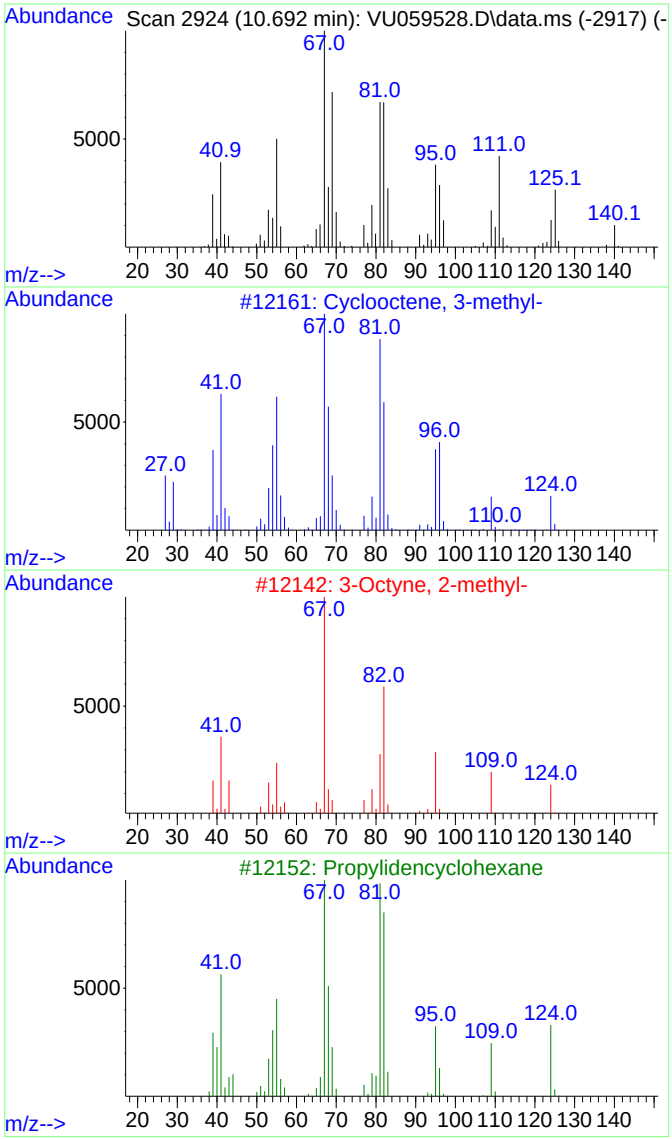
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

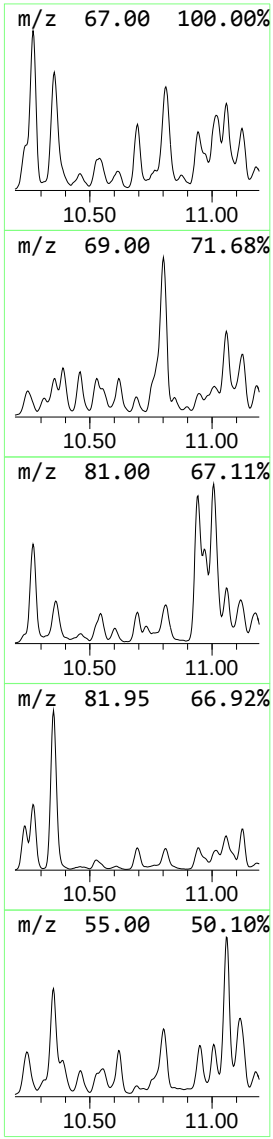
****

Peak Number 26 Cyclooctene, 3-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.692	5.95 ug/L	355780	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	58
2	3-Octyne, 2-methyl-	124	C9H16	055402-15-8	52
3	Propylidencyclohexane	124	C9H16	002129-93-3	46
4	3-Dodecyne	166	C12H22	006790-27-8	46
5	Bicyclo[2.2.1]heptane, 2-ethyl-	124	C9H16	002146-41-0	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

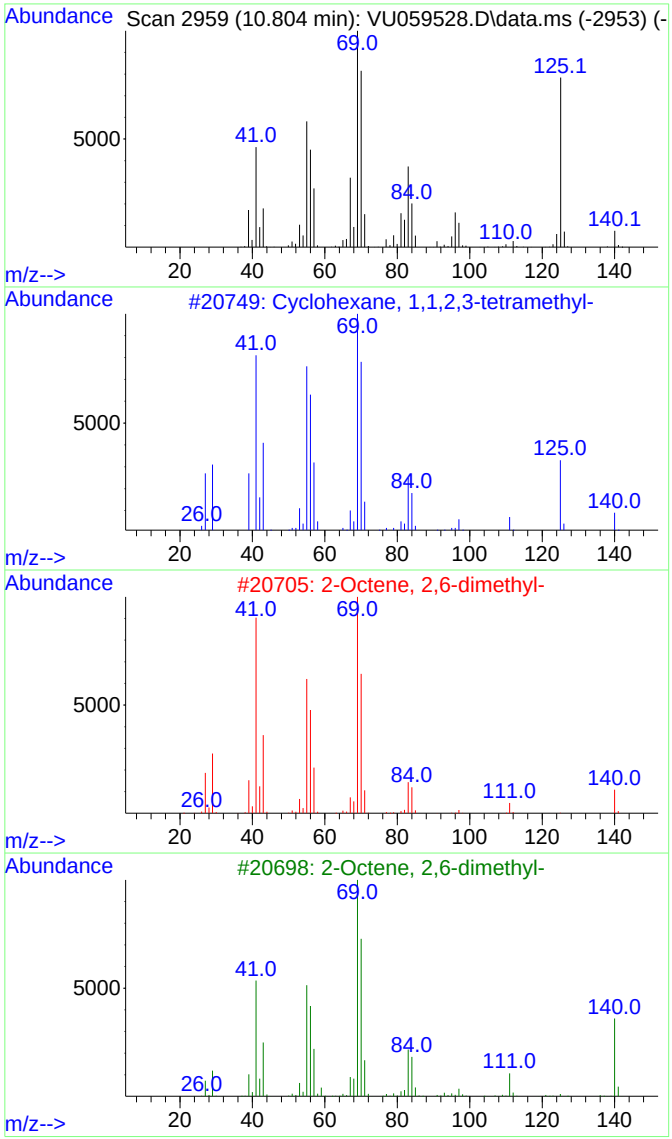
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

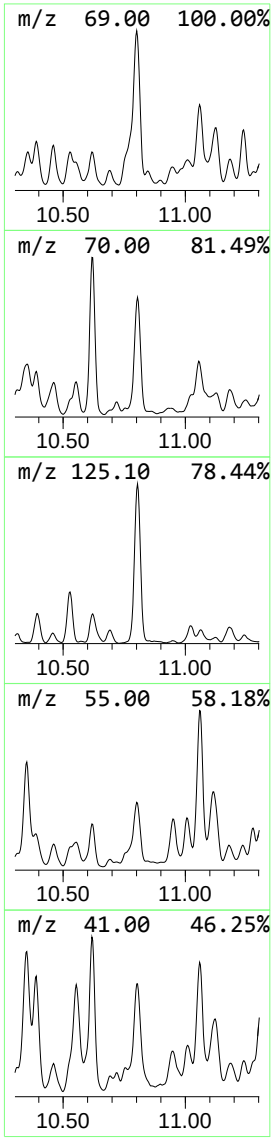
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Cyclic10.804 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.804	39.04 ug/L	2332320	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	58
2	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
3	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	52
4	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	50
5	2(1H)-Pyrimidinone, 4-amino-5-me...	125	C5H7N3O	000554-01-8	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

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

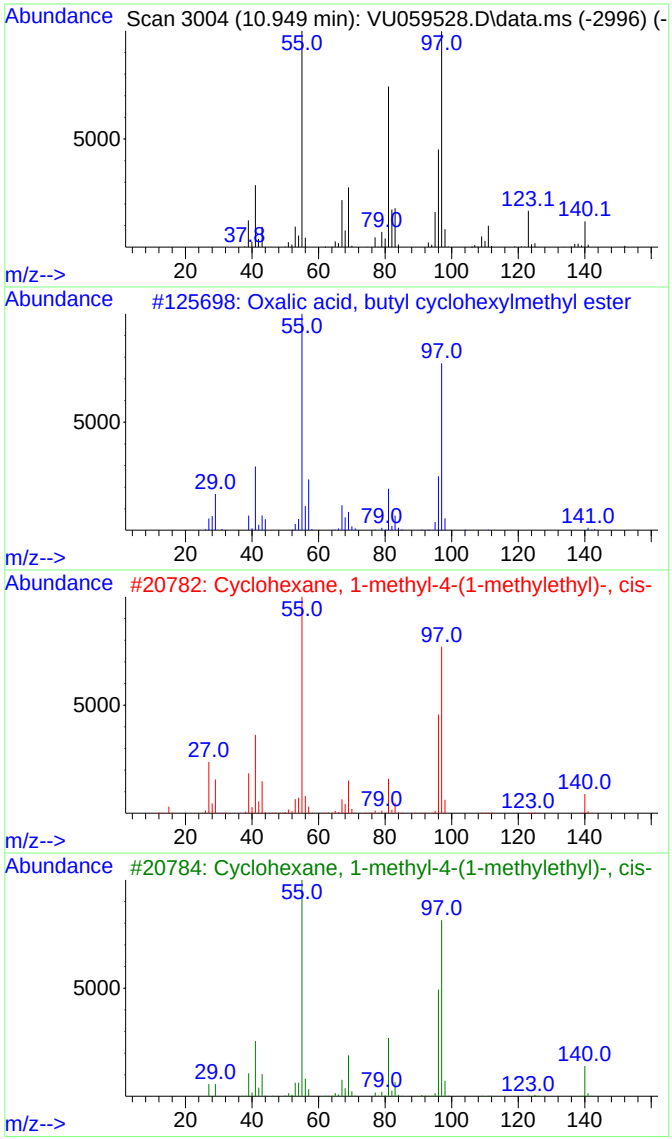
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

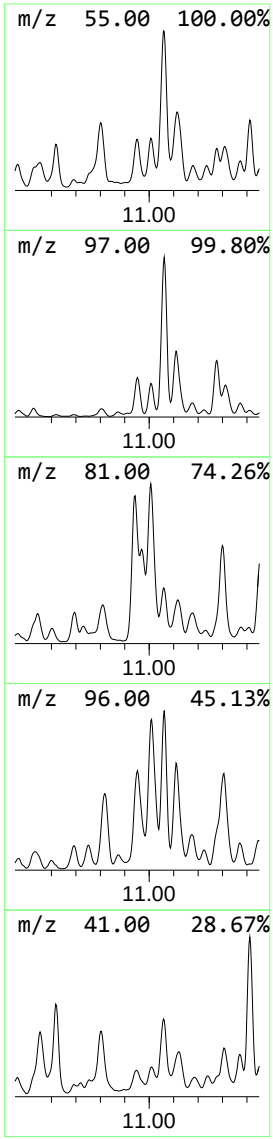
****

Peak Number 28 unknown-02 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.949	14.67 ug/L	876662	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	47
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	46
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	46
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	46
5	6-Methyl-bicyclo[4.2.0]octan-7-one	138	C9H14O	1010193-87-2	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

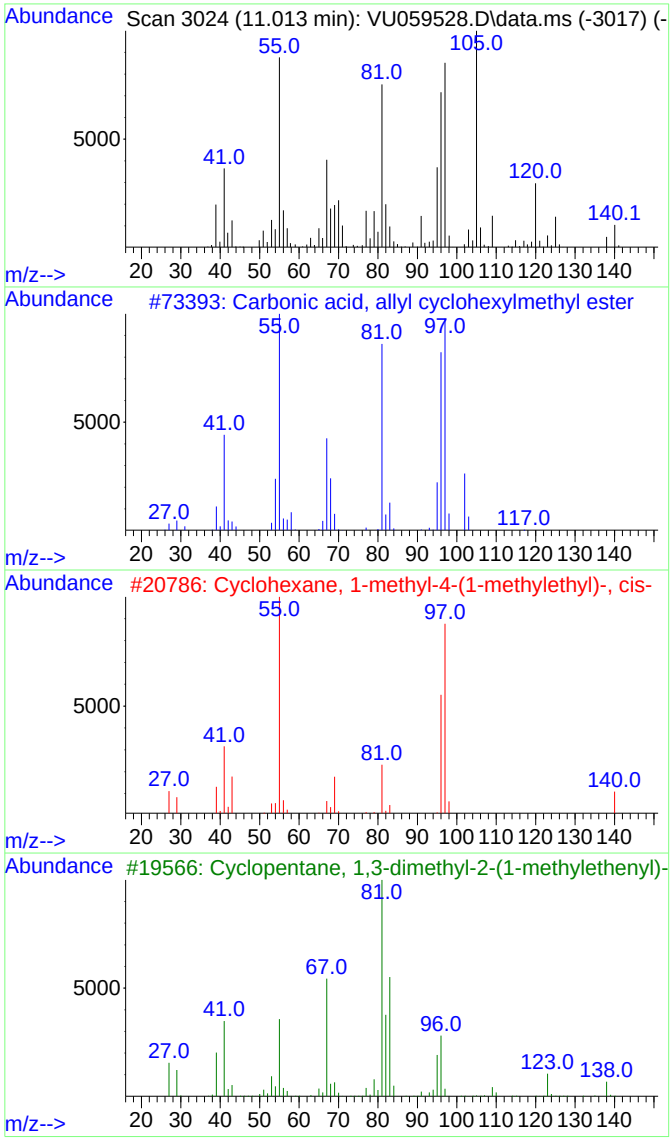
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

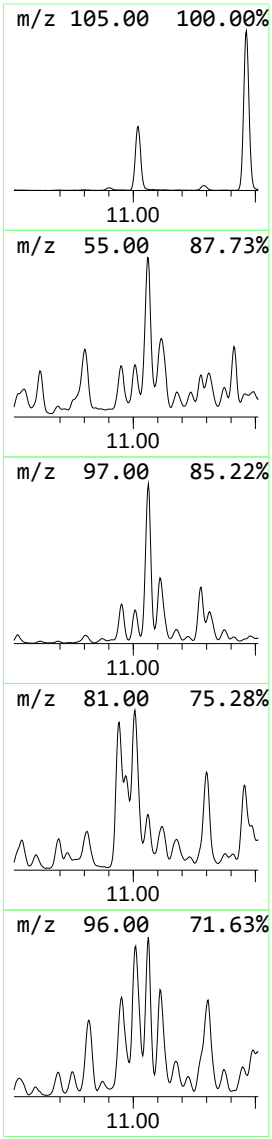
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Carbonic acid, allyl cycloh... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.013	14.60 ug/L	872597	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, allyl cyclohexylm...	198	C11H18O3	1000357-80-7	59
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	38
3	Cyclopentane, 1,3-dimethyl-2-(1-...	138	C10H18	061142-31-2	38
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	38
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

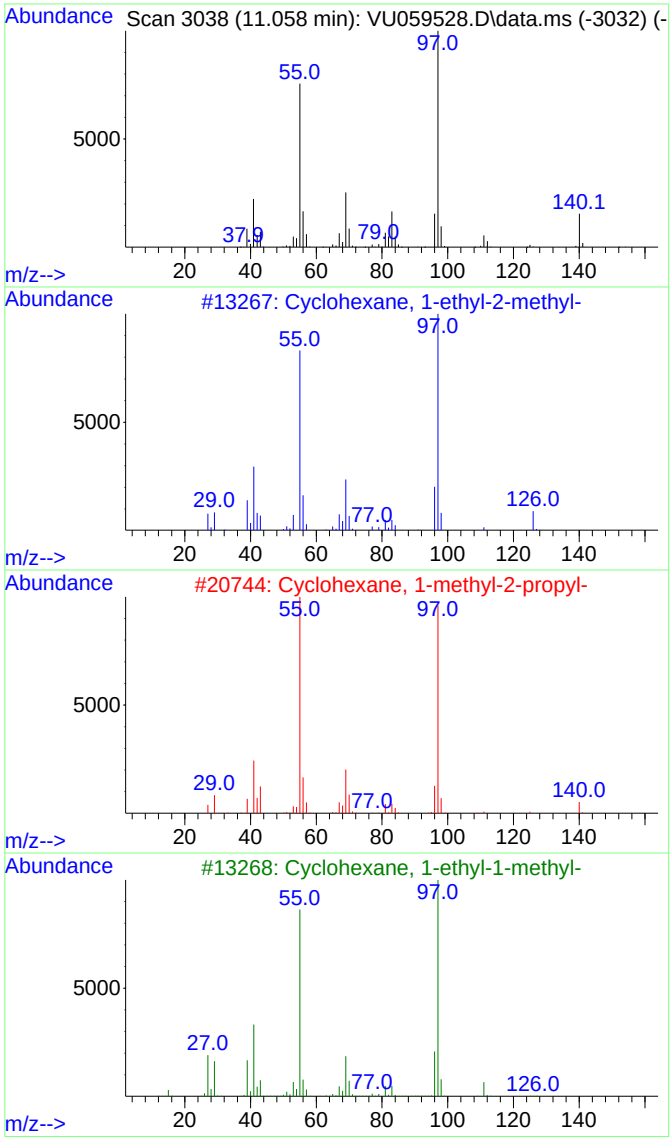
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

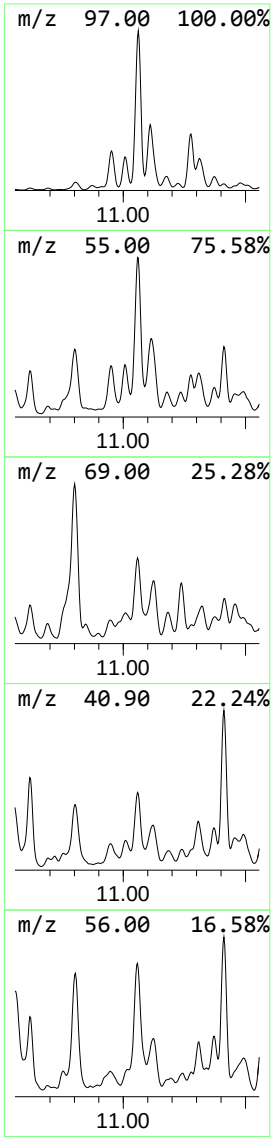
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Cyclic11.058 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.058	33.13 ug/L	1979540	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	87
2	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	87
3	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	81
4	Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	78
5	Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

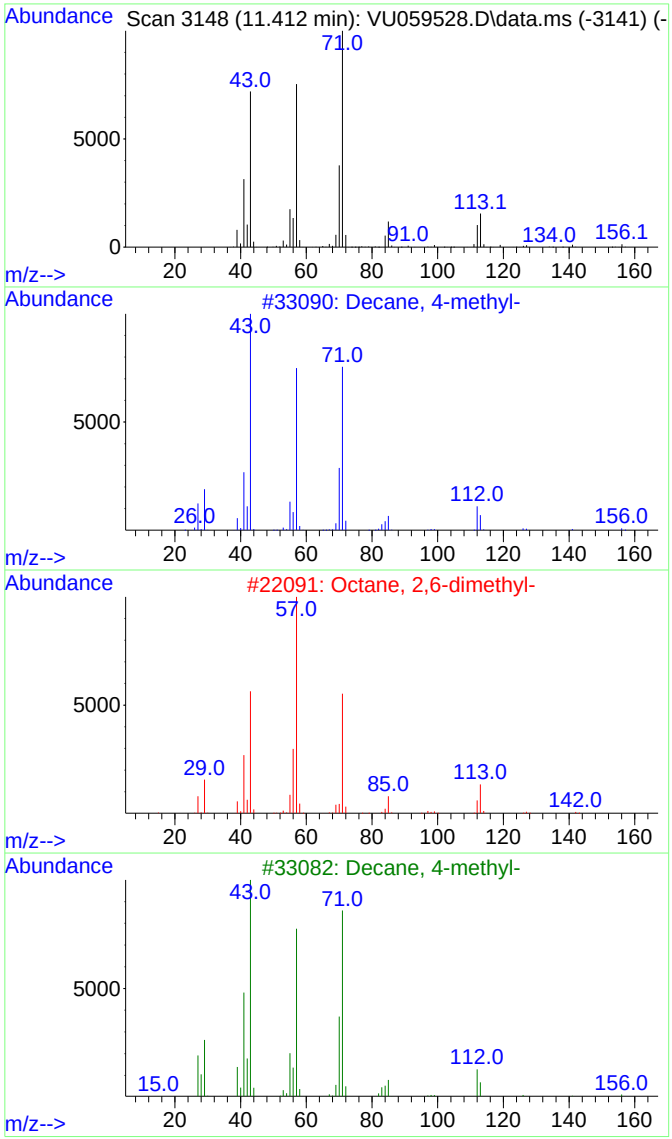
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

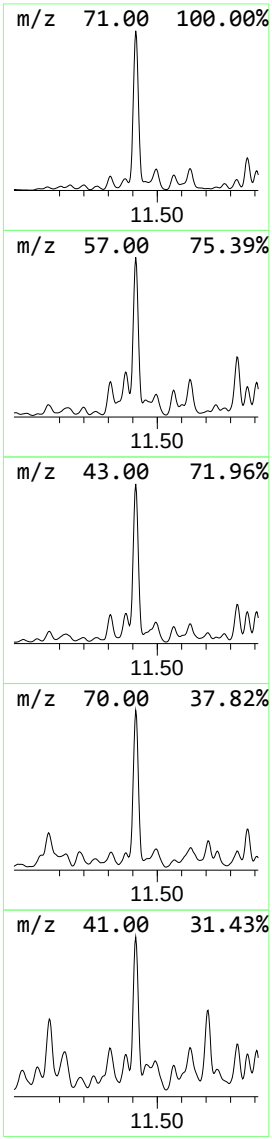
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.412	55.89 ug/L	3339590	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	91
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
3	Decane, 4-methyl-	156	C11H24	002847-72-5	86
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
5	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

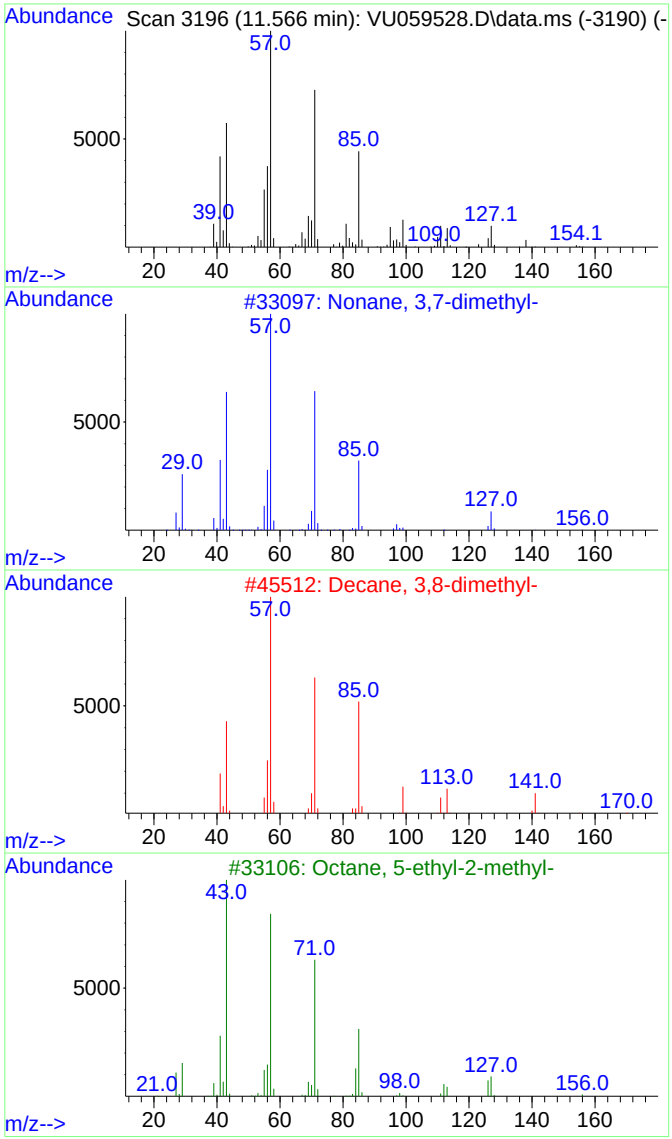
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

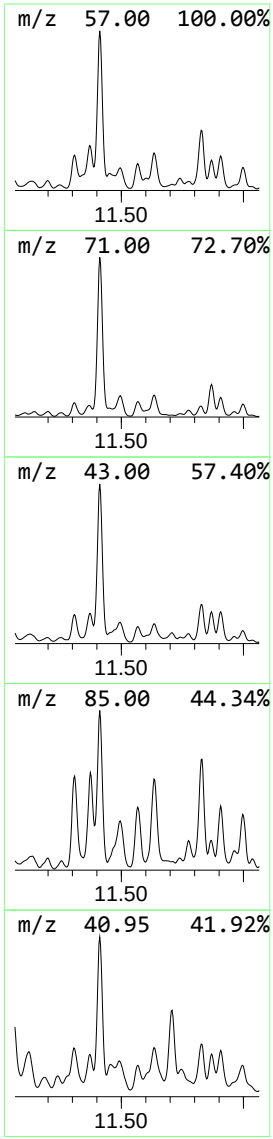
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.566	9.96 ug/L	594872	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	81
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
3	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	59
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	53
5	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

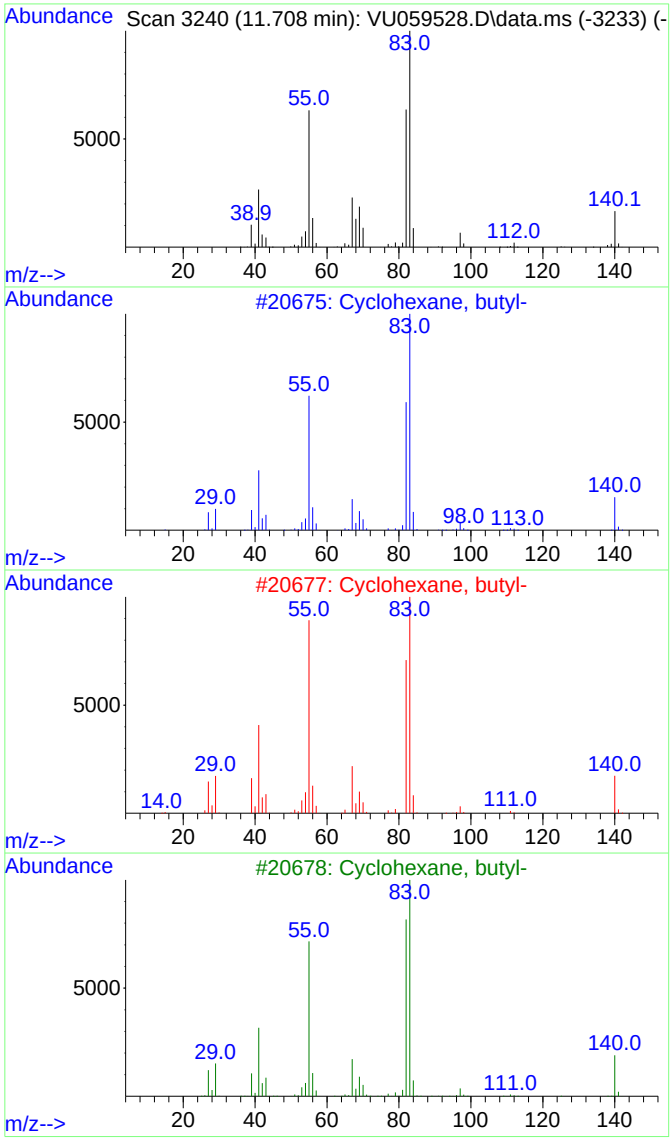
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

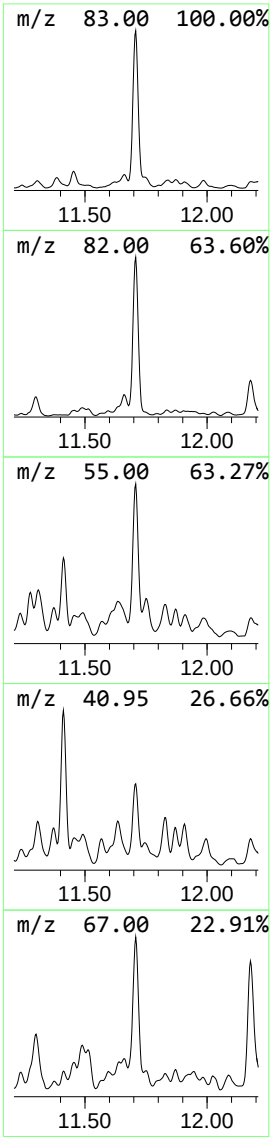
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Cyclic11.708 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.708	29.13 ug/L	1740240	1,4-Dichlorobenzene-d4	11.807

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, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	78
5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

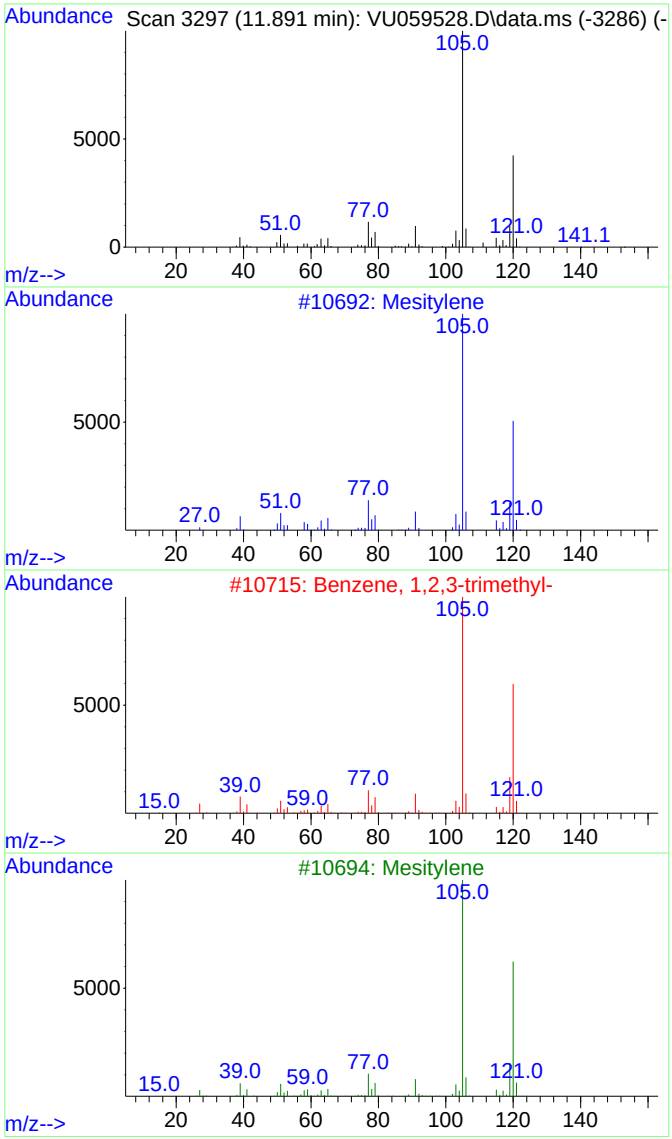
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

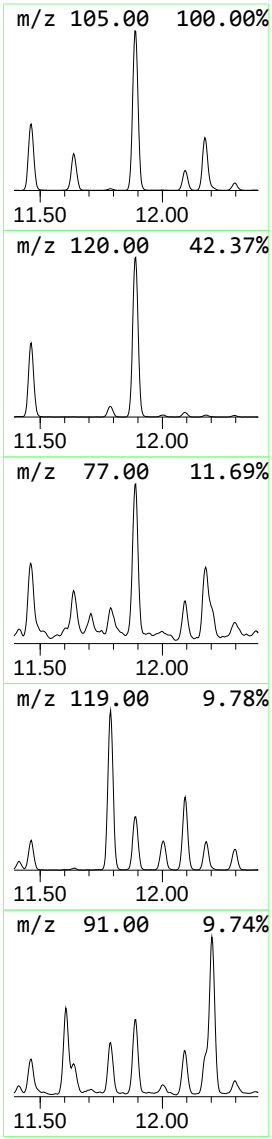
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.891	50.00 ug/L	2987440	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

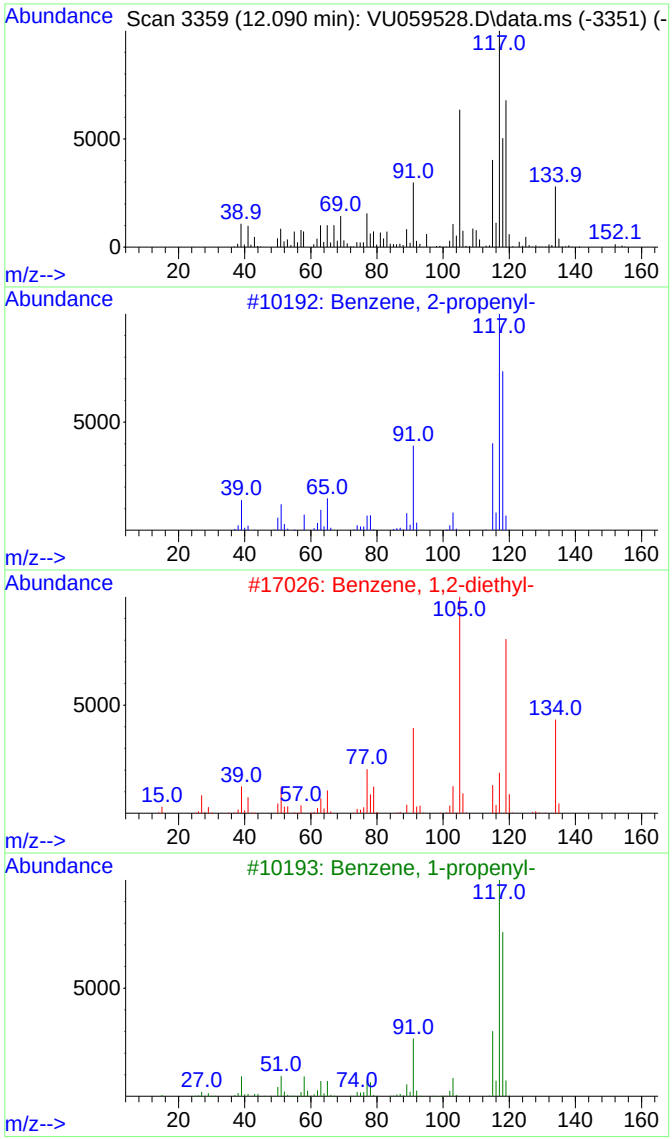
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

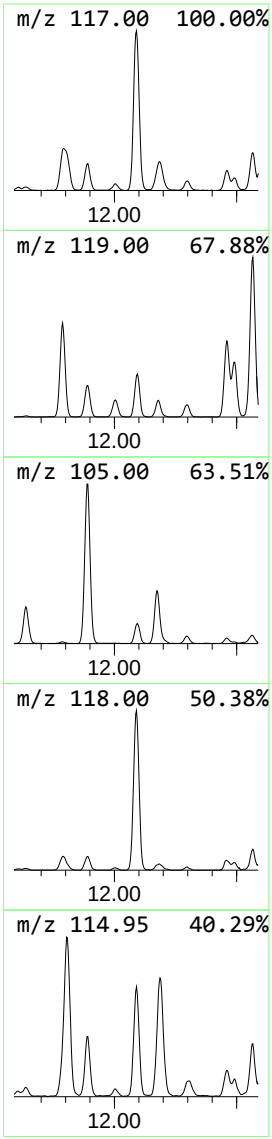
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Benzene, 2-propenyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.090	14.18 ug/L	847092	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	91
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	70
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	55
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	55
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

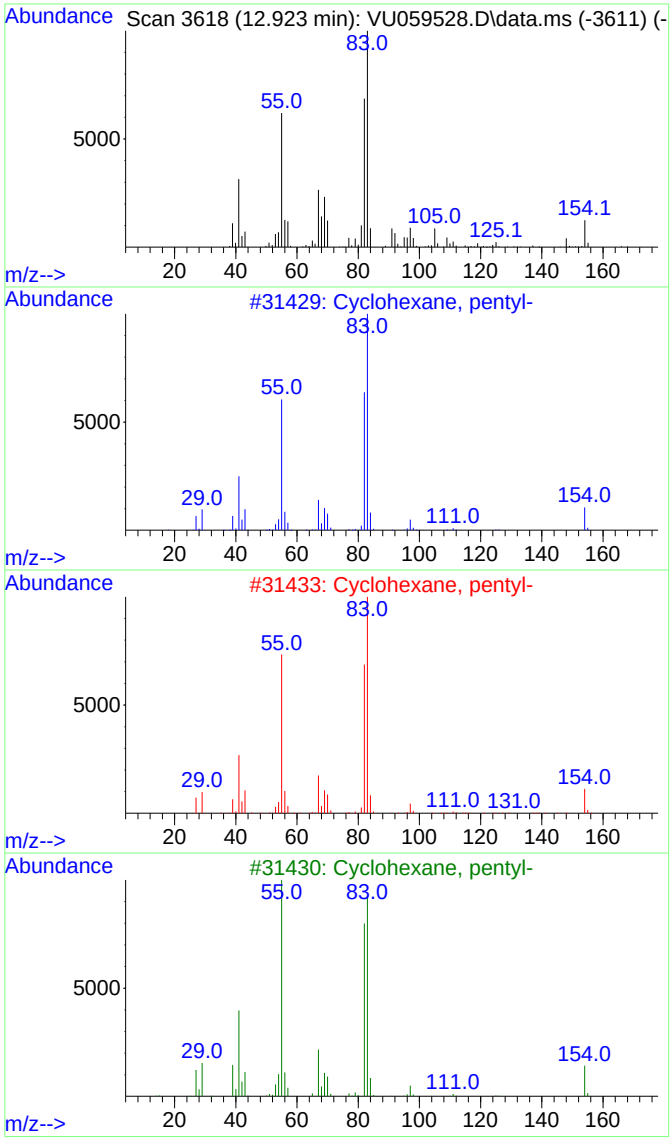
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

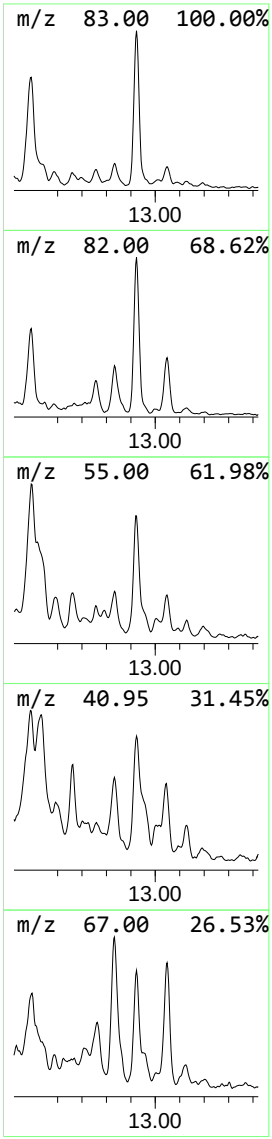
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Cyclic12.923 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.923	7.37 ug/L	440622	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	81
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	81
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	74
4	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	72
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

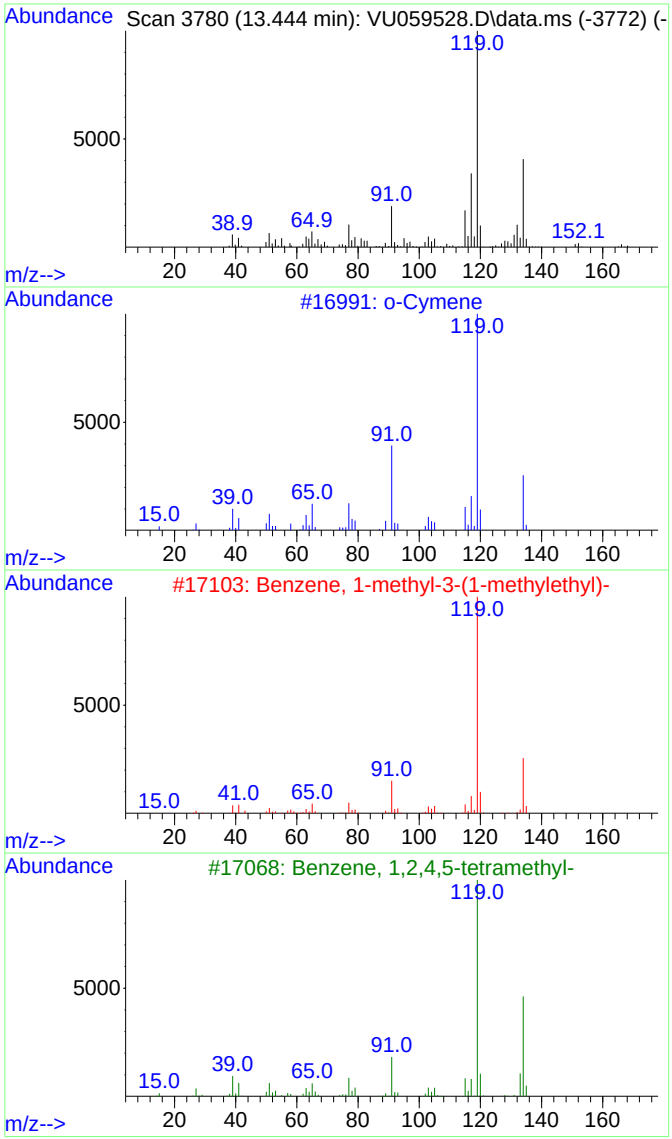
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis

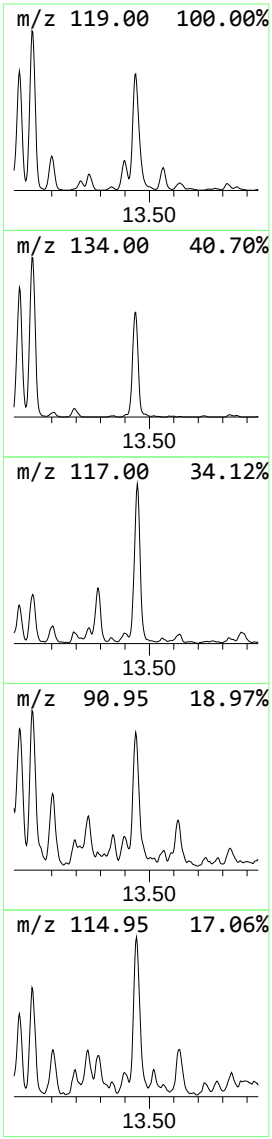
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 o-Cymene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.444	8.56 ug/L	511390	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	81
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	76
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

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

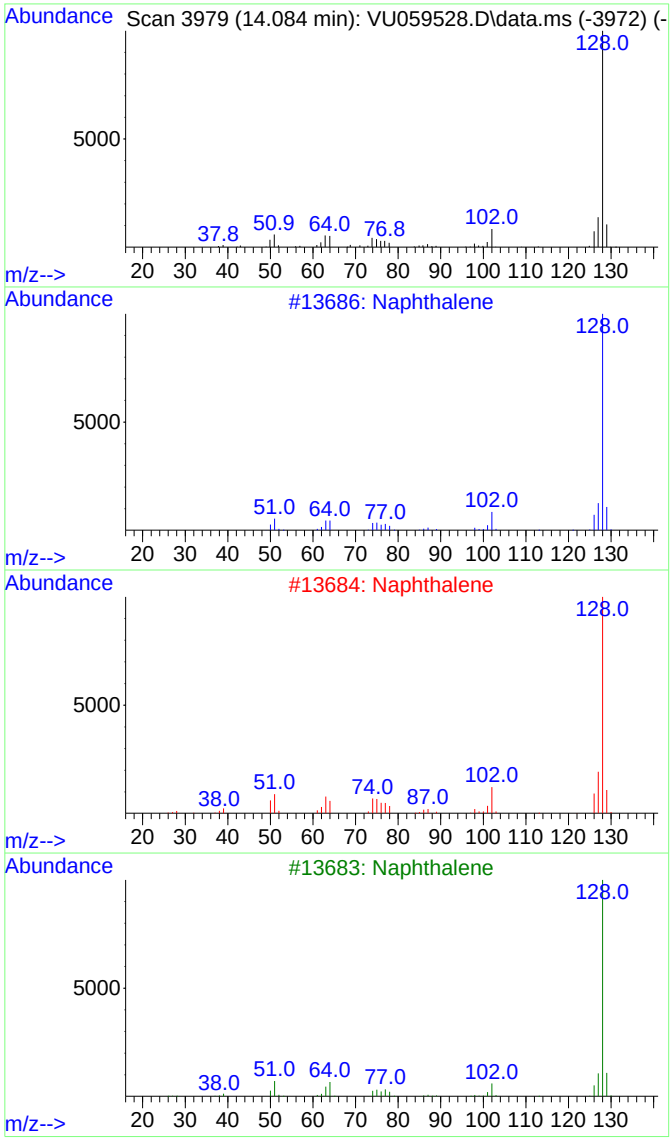
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

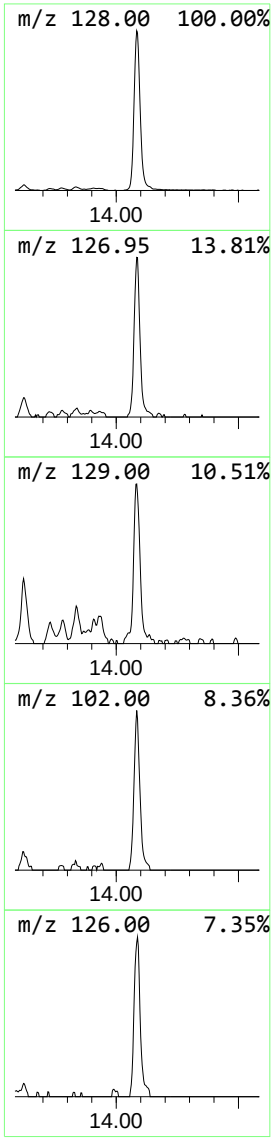
****

Peak Number 38 Azulene Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.084	3.76 ug/L	224504	1,4-Dichlorobenzene-d4	11.807

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062624\
Data File : VU059528.D
Acq On : 26 Jun 2024 16:51
Operator : MD/SY
Sample : P2962-04 10X
Misc : 4.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T76

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	1.814	11.7	ug/L	102163	1	6.242	437902	50.0
(DEL) Alkane: C...	8.235	4.0	ug/L	45074	2	9.412	564725	50.0
(DEL) Alkane: S...	8.531	3.2	ug/L	35670	2	9.412	564725	50.0
(DEL) Alkane: S...	8.756	6.6	ug/L	74867	2	9.412	564725	50.0
(DEL) Alkane: C...	8.859	10.0	ug/L	113061	2	9.412	564725	50.0
(DEL) Alkane: C...	8.920	24.1	ug/L	272000	2	9.412	564725	50.0
(DEL) Alkane: S...	9.065	4.3	ug/L	48533	2	9.412	564725	50.0
(DEL) Alkane: S...	9.113	20.9	ug/L	236297	2	9.412	564725	50.0
(DEL) Alkane: C...	9.158	28.0	ug/L	316568	2	9.412	564725	50.0
(DEL) Alkane: S...	9.203	24.7	ug/L	278514	2	9.412	564725	50.0
(DEL) Alkane: S...	9.332	50.9	ug/L	574840	2	9.412	564725	50.0
(DEL) Alkane: C...	9.557	19.3	ug/L	217434	2	9.412	564725	50.0
(DEL) Alkane: C...	9.660	42.3	ug/L	477632	2	9.412	564725	50.0
(DEL) Alkane: C...	9.711	60.1	ug/L	678753	2	9.412	564725	50.0
(DEL) Alkane: C...	9.753	48.9	ug/L	552691	2	9.412	564725	50.0
(DEL) Alkane: C...	9.872	26.3	ug/L	297253	2	9.412	564725	50.0
(DEL) Alkane: S...	9.949	12.3	ug/L	138825	2	9.412	564725	50.0
(DEL) Alkane: S...	10.013	144.8	ug/L	1635060	2	9.412	564725	50.0
(DEL) Alkane: S...	10.113	43.6	ug/L	492425	2	9.412	564725	50.0
(DEL) Alkane: S...	10.248	329.1	ug/L	3716550	2	9.412	564725	50.0
(DEL) Alkane: C...	10.351	171.8	ug/L	1940800	2	9.412	564725	50.0
(DEL) Alkane: S...	10.553	215.1	ug/L	2429890	2	9.412	564725	50.0
(DEL) Alkane: S...	10.618	41.4	ug/L	2474400	3	11.807	2987440	50.0
Cyclooctene, 3-...	10.692	6.0	ug/L	355780	3	11.807	2987440	50.0
(DEL) Alkane: C...	10.804	39.0	ug/L	2332320	3	11.807	2987440	50.0
unknown-02	10.949	14.7	ug/L	876662	3	11.807	2987440	50.0
Carbonic acid, ...	11.013	14.6	ug/L	872597	3	11.807	2987440	50.0
(DEL) Alkane: C...	11.058	33.1	ug/L	1979540	3	11.807	2987440	50.0
(DEL) Alkane: S...	11.412	55.9	ug/L	3339590	3	11.807	2987440	50.0
(DEL) Alkane: S...	11.566	10.0	ug/L	594872	3	11.807	2987440	50.0
(DEL) Alkane: C...	11.708	29.1	ug/L	1740240	3	11.807	2987440	50.0
Benzene, 1,2,3-...	11.891	50.0	ug/L	2987440	3	11.807	2987440	50.0
Benzene, 2-prop...	12.090	14.2	ug/L	847092	3	11.807	2987440	50.0
(DEL) Alkane: C...	12.923	7.4	ug/L	440622	3	11.807	2987440	50.0
o-Cymene	13.444	8.6	ug/L	511390	3	11.807	2987440	50.0
Azulene	14.084	3.8	ug/L	224504	3	11.807	2987440	50.0