LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

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\SFAMULM101023WMA.M
Title : VOC Analysis

Signal : TIC: VU055732.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.595	86	95	128	rVB	128774	270444	0.62%	0.047%
2	1.792	132	156	157	rBV6	44236	110458	0.25%	0.019%
3	1.878	178	183	191	rBV	37393	58808	0.14%	0.010%
4	2.531	373	386	410	rBV	374421	620467	1.43%	0.107%
5	3.029	530	541	559	rVB4	9519	23326	0.05%	0.004%
6	3.174	572	586	606	rBV2	27434	70567	0.16%	0.012%
7	4.634	1025	1040	1095	rBV2	111999	499608	1.15%	0.086%
8	5.055	1153	1171	1198	rBV	302345	762275	1.76%	0.131%
9	5.714	1355	1376	1404	rBV2	709780	1892078	4.36%	0.325%
10	5.978	1447	1458	1471	rBV8	8191	18077	0.04%	0.003%
11	6.242	1526	1540	1569	rBV	534653	1166734	2.69%	0.201%
12	6.528	1618	1629	1640	rBV8	8593	18284	0.04%	0.003%
13	6.598	1640	1651	1662	rBV4	5667	12273	0.03%	0.002%
14	6.685	1663	1678	1693	rBV	386590	861582	1.99%	0.148%
15	6.859	1723	1732	1744	rVB7	8940	18276	0.04%	0.003%
16	7.065	1779	1796	1810	rBV3	29099	61415	0.14%	0.011%
17	7.229	1830	1847	1865	rBV3	41342	89409	0.21%	0.015%
18	7.422	1896	1907	1914	rBV3	20174	37096	0.09%	0.006%
19	7.467	1914	1921	1935	rVB6	12597	24729	0.06%	0.004%
20	7.563	1935	1951	1979	rBV	202160	499495	1.15%	0.086%
21	7.688	1979	1990	1998	rBV4	26469	42433	0.10%	0.007%
22	7.746	1998	2008	2026	rVB6	34210	87043	0.20%	0.015%
23	7.849	2026	2040	2046	rBV2	412546	777101	1.79%	0.134%
24	7.894	2046	2054	2078	rVB	904862	1849915	4.27%	0.318%
25	8.020	2080	2093	2101	rBV6	106586	252040	0.58%	0.043%
26	8.090	2109	2115	2130	rVB	157756	277191	0.64%	0.048%
27	8.177	2130	2142	2149	rBV3	134581	265759	0.61%	0.046%
28	8.235	2149	2160	2178	rVB3	646370	1316952	3.04%	0.226%
29	8.364	2182	2200	2210	rBV	218706	410167	0.95%	0.071%
30	8.428	2210	2220	2226	rBV5	86569	172035	0.40%	0.030%
31	8.467	2227	2232	2243	rVB4	98119	164139	0.38%	0.028%
32	8.534	2243	2253	2267	rVB2	320357	581841	1.34%	0.100%
33	8.630	2267	2283	2310	rBV2	1508873	4043848	9.33%	0.695%
34	8.756	2311	2322	2327	rBV	600281	1009499	2.33%	0.174%
35	8.798	2328	2335	2344	rVB5	595717	979180	2.26%	0.168%
36	8.862	2346	2355	2363	rVB	1410607	2243409	5.17%	0.386%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

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\SFAMULM101023WMA.M
Title : VOC Analysis

37	8.920	2363	2373	2383	rBV	3250720	5893204	13.59%	1.014%
38	9.068	2408	2419	2426	rBV	1028202	1822968	4.20%	0.314%
39	9.116	2426	2434	2440	rVV	1559121	2313268	5.33%	0.398%
40	9.161	2440	2448	2458	rVB3	2980763	5110542	11.79%	0.879%
41	9.331	2477	2501	2518	rBV	1683624	3789705	8.74%	0.652%
42	9.421	2519	2529	2539	rBV	563051	1345577	3.10%	0.231%
43	9.473	2540	2545	2551	rVV2	325401	422738	0.97%	0.073%
44	9.560	2562	2572	2585	rVB2	2080903	3972198	9.16%	0.683%
45	9.663	2586	2604	2612	rBV6	3404439	9170991	21.15%	1.577%
46	9.714	2612	2620	2628	rVV2	6001500	10096356	23.28%	1.736%
47	9.759	2628	2634	2658	rVB	4214862	8644525	19.94%	1.487%
48	9.875	2658	2670	2684	rBV3	2128927	4745242	10.94%	0.816%
49	9.952	2684	2694	2703	rBV3	751336	1491579	3.44%	0.257%
50	10.026	2703	2717	2738	rBV5	7960202	23806935	54.90%	4.094%
51	10.119	2739	2746	2756	rBV3	3441789	5786233	13.34%	0.995%
52	10.254	2770	2788	2801	rBV4	19189254	43360719	100.00%	7.457%
53	10.319	2802	2808	2810	rVV2	3126301	4082433	9.42%	0.702%
54	10.357	2811	2820	2826	rVV2	17098342	32485161	74.92%	5.587%
55	10.396	2827	2832	2844	rVB	19027214	29298762	67.57%	5.039%
56	10.470	2845	2855	2866	rVB4	4084224	8132695	18.76%	1.399%
57	10.560	2867	2883	2893	rBV5	10140377	24725837	57.02%	4.252%
58	10.624	2895	2903	2916	rVB	8486751	14363632	33.13%	2.470%
59	10.698	2917	2926	2932	rBV	3364994	6206674	14.31%	1.067%
60	10.810	2941	2961	2984	rVB4	14076291	33553567	77.38%	5.771%
61	10.910	2986	2992	2996	rBV	1553544	2173850	5.01%	0.374%
62	10.952	2997	3005	3017	rVV5	4653355	9058337	20.89%	1.558%
63	11.016	3018	3025	3031	rVV4	4623108	7849534	18.10%	1.350%
64	11.064	3032	3040	3050	rVV3	15971795	28162123	64.95%	4.843%
65	11.129	3052	3060	3071	rVB9	8752951	18041019	41.61%	3.103%
66	11.190	3072	3079	3088	rVB5	2515668	4299508	9.92%	0.739%
67	11.245	3089	3096	3102	rBV2	2603468	3933687	9.07%	0.677%
68	11.286	3102	3109	3110	rBV	2921134	3114098	7.18%	0.536%
69	11.312	3112	3117	3129	rVB7	7390065	12709615	29.31%	2.186%
70	11.376	3130	3137	3143	rBV5	3884306	6124141	14.12%	1.053%
71	11.418	3143	3150	3158	rBV	13428981	17836928	41.14%	3.068%
72	11.463	3158	3164	3169	rBV5	2966122	4640404	10.70%	0.798%
73	11.576	3190	3199	3203	rBV	3723670	6033870	13.92%	1.038%
74	11.643	3214	3220	3232	rVB4	9707191	17084958	39.40%	2.938%
75	11.714	3233	3242	3250	rBV	16747996	25262465	58.26%	4.345%
76	12.100	3351	3362	3373	rBV7	4520616	9319421	21.49%	1.603%

LSC Area Percent Report

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Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

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\SFAMULM101023WMA.M
Title : VOC Analysis

77	12.187	3380	3389	3405	rVB4	11818253	26338282	60.74%	4.530%
78	12.386	3445	3451	3464	rVB6	6339726	13924795	32.11%	2.395%
79	12.669	3530	3539	3546	rBV3	2989125	5927357	13.67%	1.019%
80	12.765	3564	3569	3583	rBV7	1331126	2290769	5.28%	0.394%
81	12.839	3585	3592	3606	rVB5	5136751	10529003	24.28%	1.811%
82	12.929	3608	3620	3628	rBV3	5589152	11375564	26.23%	1.956%
83	13.026	3642	3650	3653	rBV	2059583	2883469	6.65%	0.496%
84	13.052	3655	3658	3667	rVB	3326690	4053732	9.35%	0.697%
85	13.106	3668	3675	3694	rVB3	1654796	3354292	7.74%	0.577%
86	13.196	3697	3703	3714	rBV2	920348	1559901	3.60%	0.268%
87	13.254	3715	3721	3730	rVB4	962060	1388198	3.20%	0.239%
88	13.351	3746	3751	3758	rVB2	505250	607058	1.40%	0.104%
89	13.402	3761	3767	3772	rVV4	737844	1147075	2.65%	0.197%
90	13.447	3773	3781	3798	rVB3	3696218	7243162	16.70%	1.246%
91	13.556	3810	3815	3820	rBV	363794	390442	0.90%	0.067%
92	13.621	3828	3835	3860	rVB2	1516989	3223667	7.43%	0.554%
93	13.733	3861	3870	3878	rBV5	330031	603241	1.39%	0.104%
94	13.778	3879	3884	3892	rVB2	261834	391218	0.90%	0.067%
95	13.836	3893	3902	3914	rBV4	617635	1230511	2.84%	0.212%
96	13.939	3930	3934	3948	rVB2	275818	613169	1.41%	0.105%
97	14.052	3959	3969	3975	rBV4	152482	305699	0.71%	0.053%
98	14.187	4005	4011	4024	rVB4	92972	163456	0.38%	0.028%
99	14.939	4239	4245	4254	rVV4	8444	15639	0.04%	0.003%
100	15.016	4262	4269	4278	rBV9	17787	29997	0.07%	0.005%

Sum of corrected areas: 581443148

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
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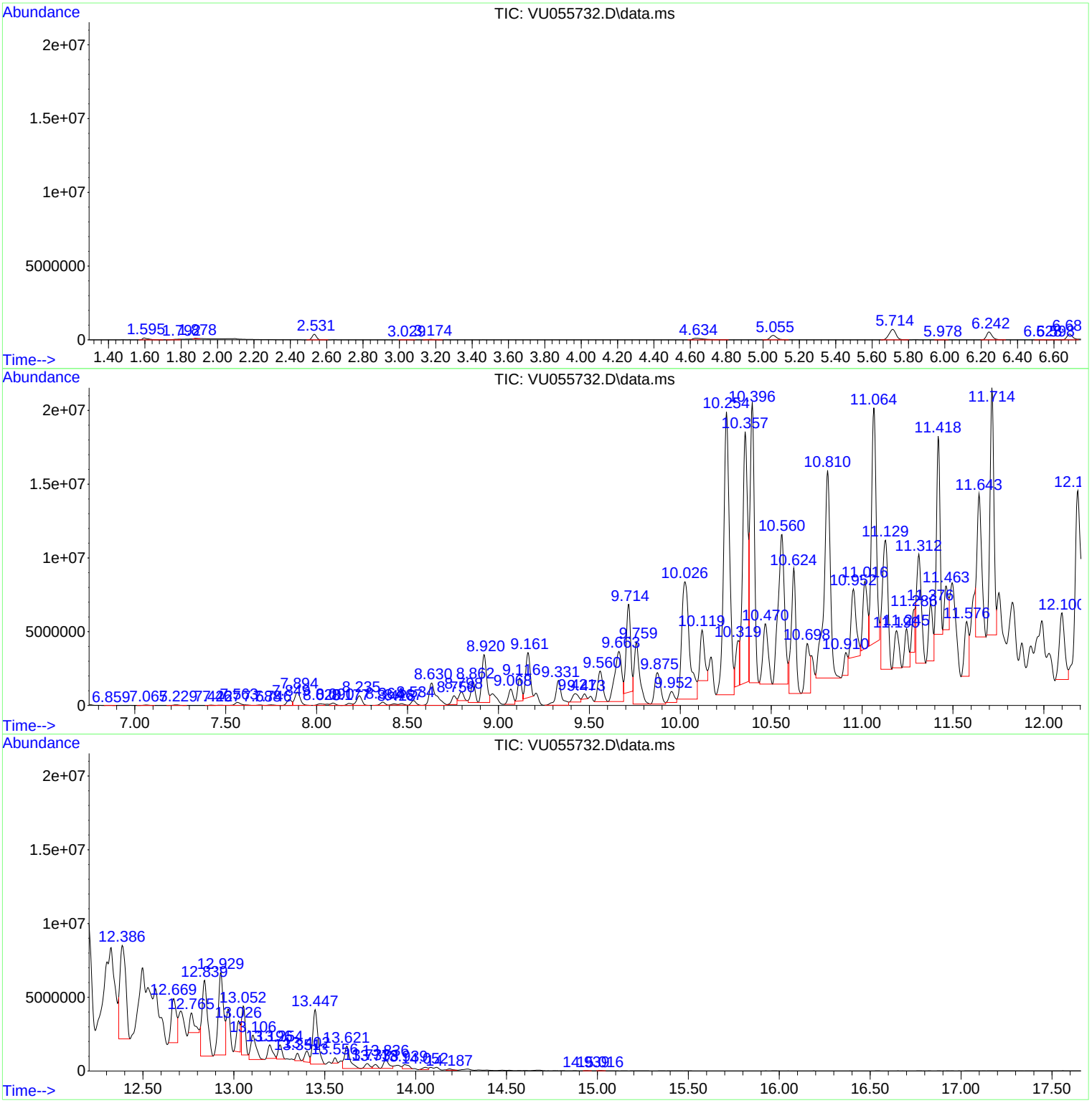
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

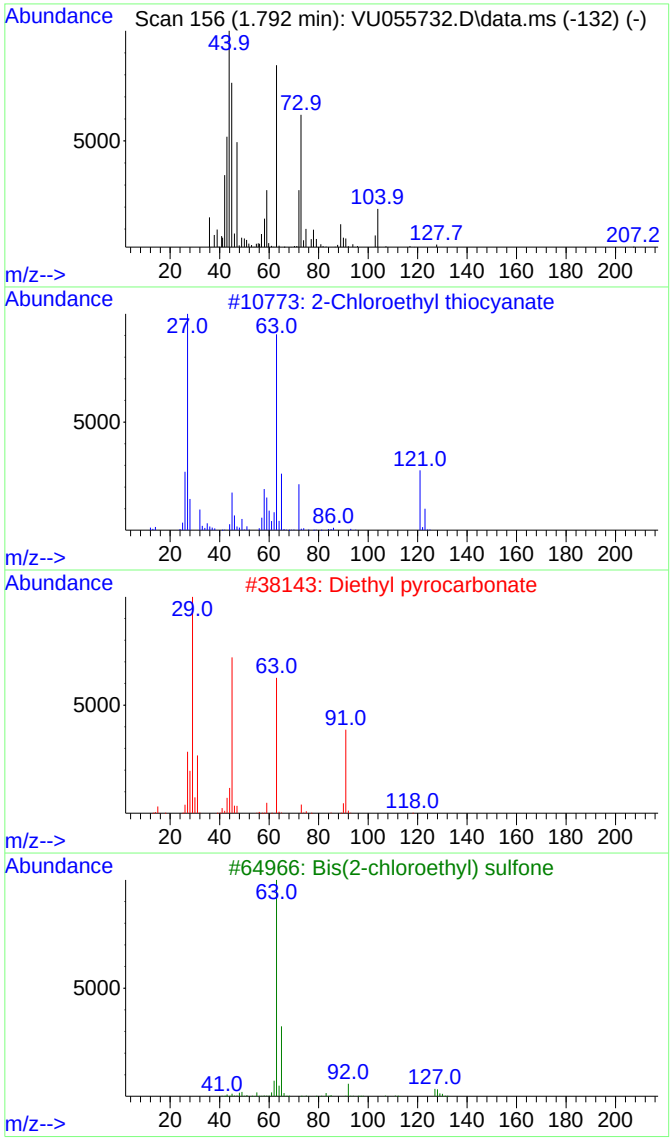
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

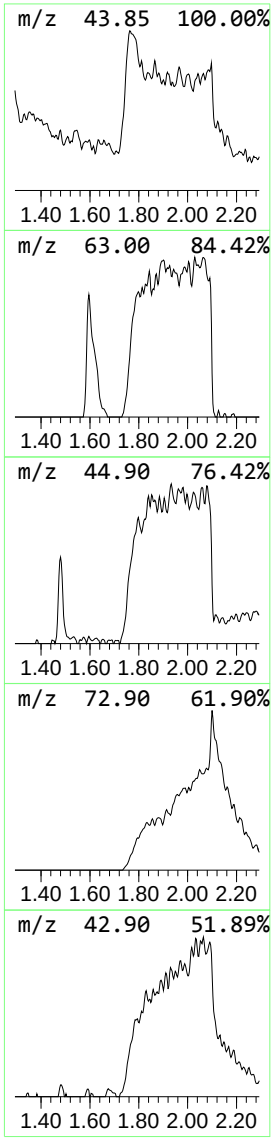
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown-01 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.792	4.73 ug/L	110458	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloroethyl thiocyanate	121	C3H4ClNS	1000342-25-2	37
2	Diethyl pyrocarbonate	162	C6H10O5	001609-47-8	36
3	Bis(2-chloroethyl) sulfone	190	C4H8Cl2O2S	000471-03-4	25
4	Bis(2-chloroethyl) sulfone	190	C4H8Cl2O2S	000471-03-4	23
5	1,4-Dioxan-2-ylmethanamine	117	C5H11NO2	088277-83-2	14





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

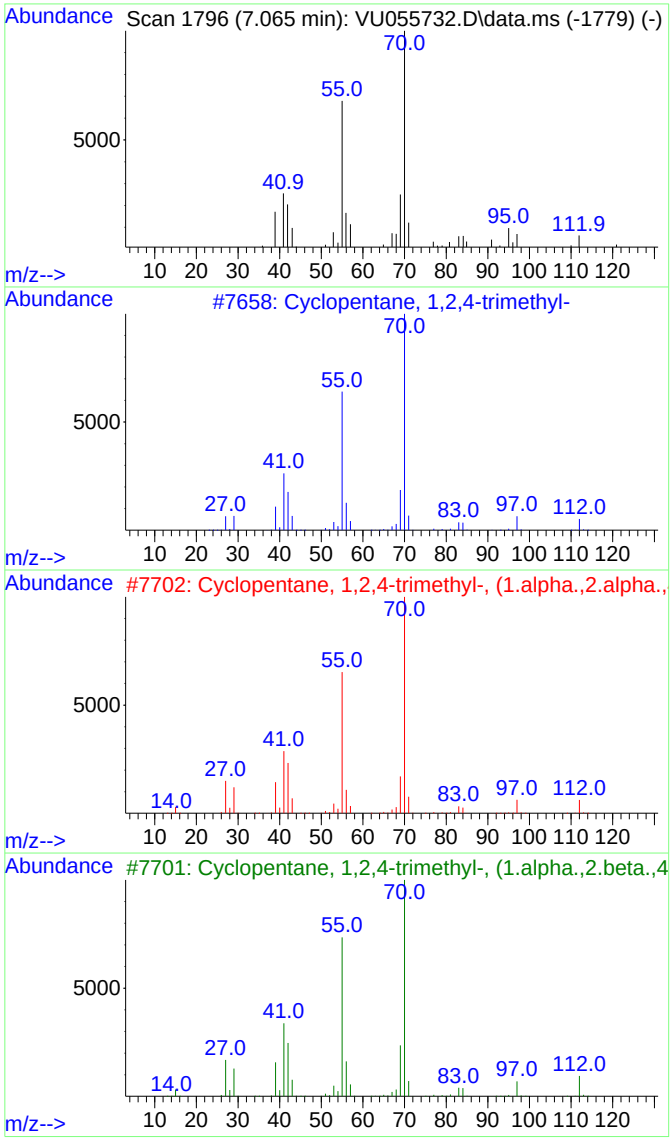
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

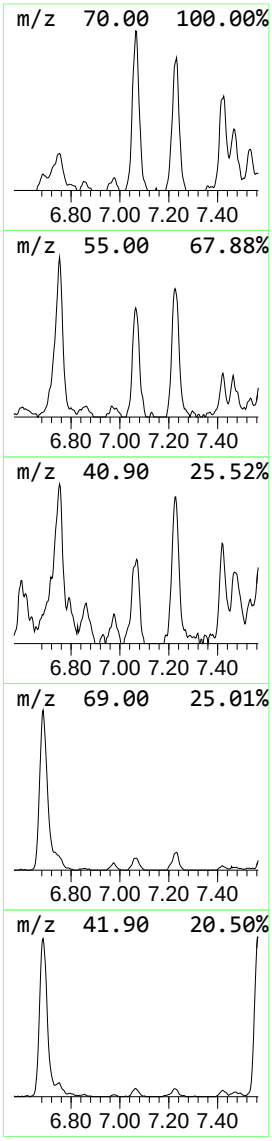
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic7.065 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.065	2.63 ug/L	61415	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	87
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	80
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	80
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	74
5	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

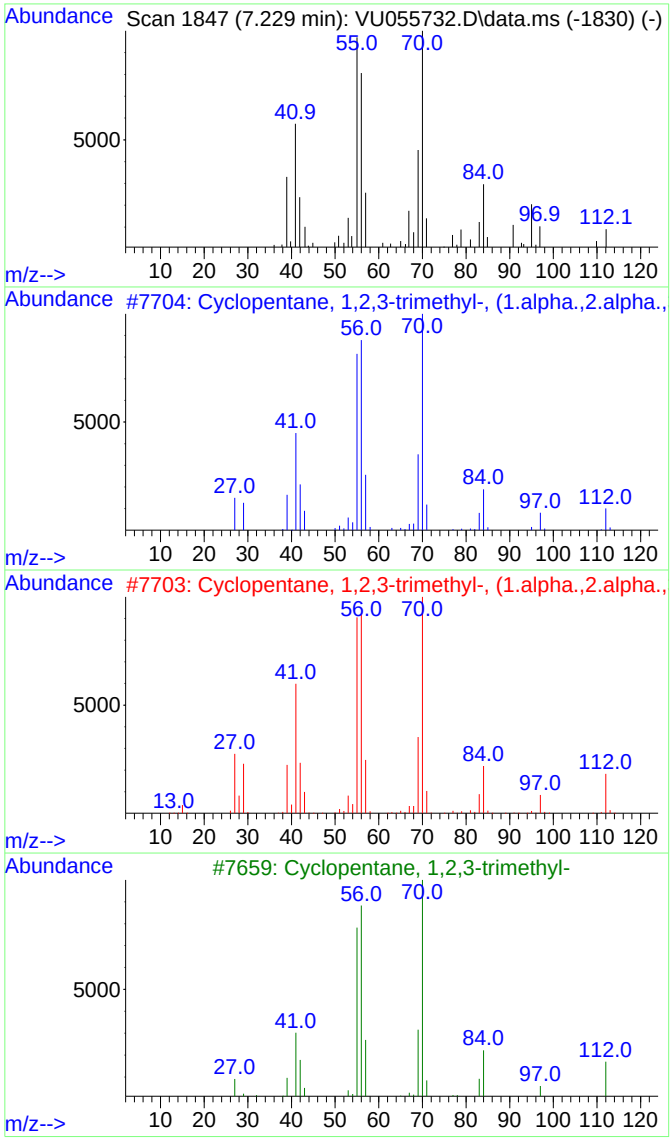
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

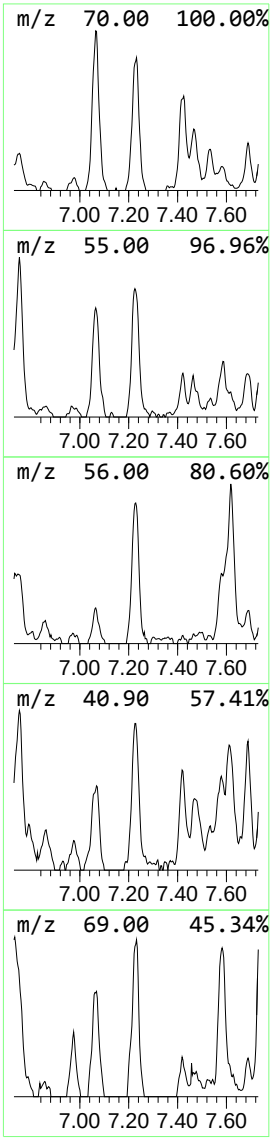
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic7.229 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.229	3.83 ug/L	89409	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	87
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	74
3	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	64
4	1-Octene, 3-methyl-	126	C9H18	013151-08-1	59
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

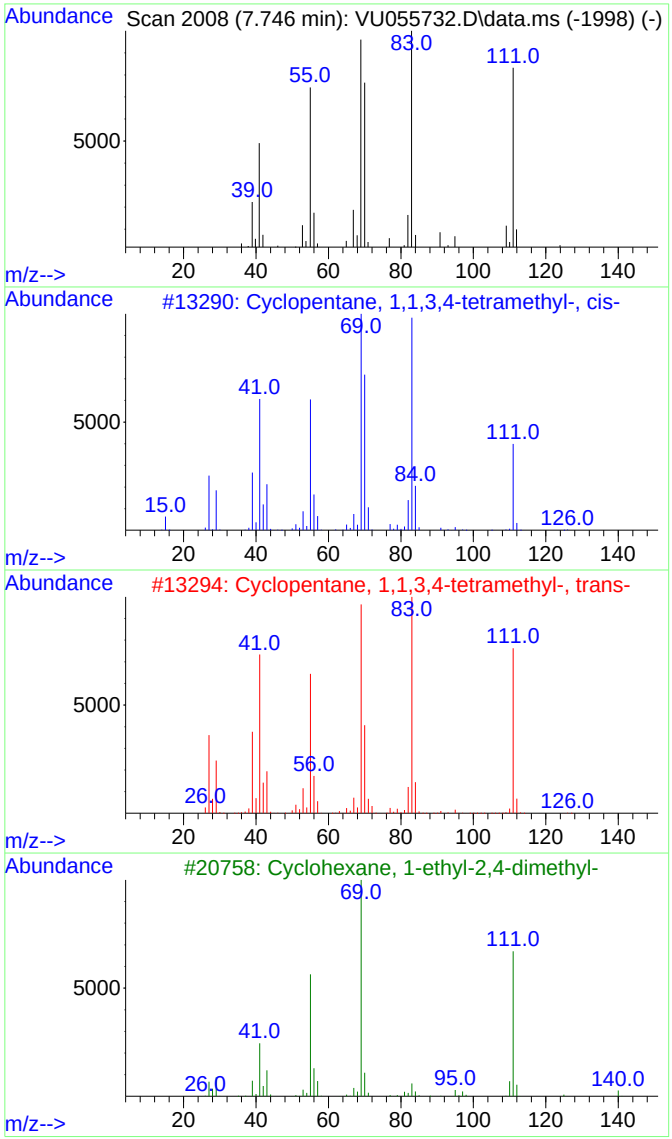
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

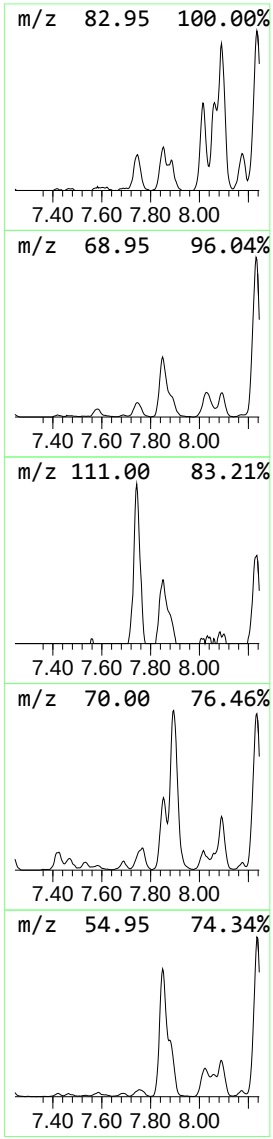
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic7.746 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.746	3.73 ug/L	87043	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	053907-60-1	50
2	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	45
3	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	43
4	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	43
5	Cyclooctane, butyl-	168	C12H24	016538-93-5	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

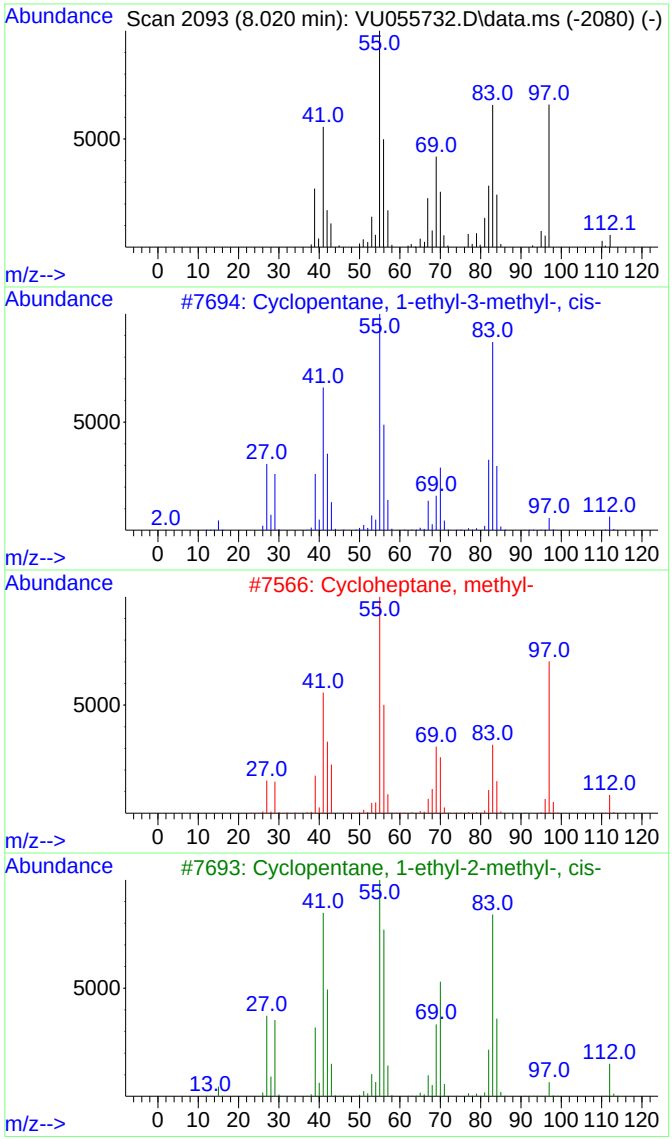
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

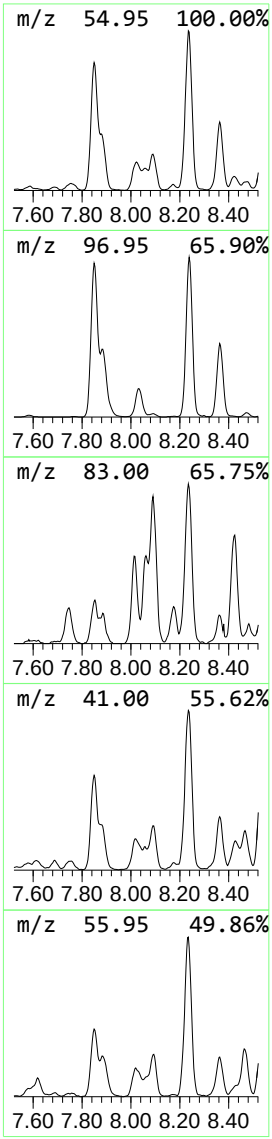
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic8.020 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.020	9.37 ug/L	252040	Chlorobenzene-d5	9.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	76
2	Cycloheptane, methyl-	112	C8H16	004126-78-7	59
3	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	52
4	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	50
5	Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	50





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Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

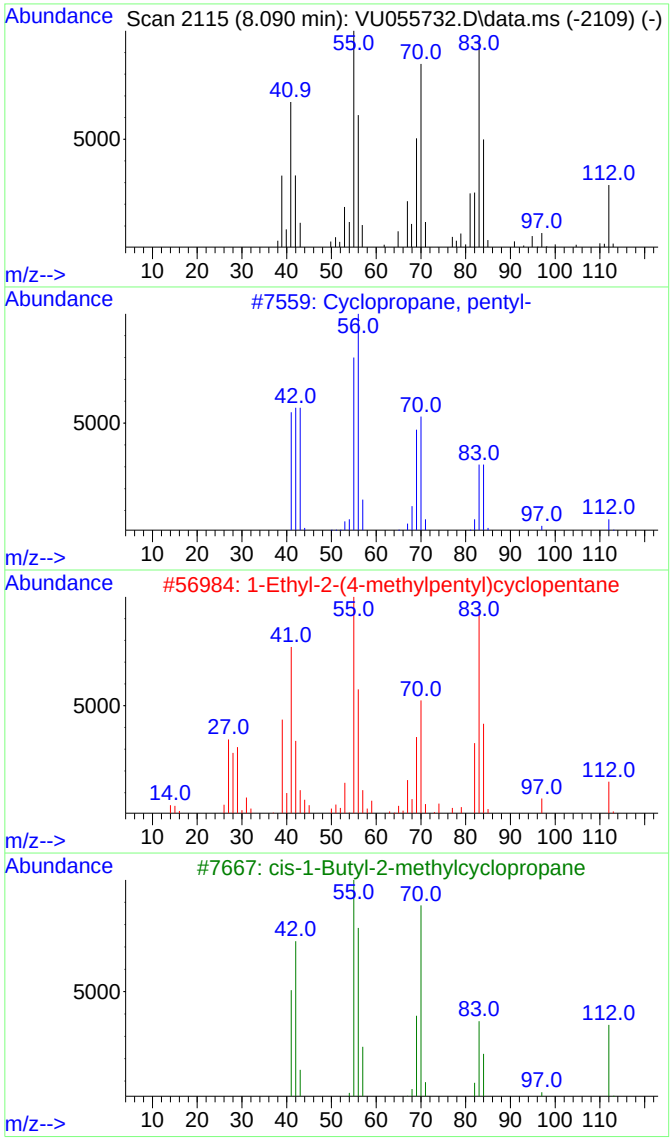
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

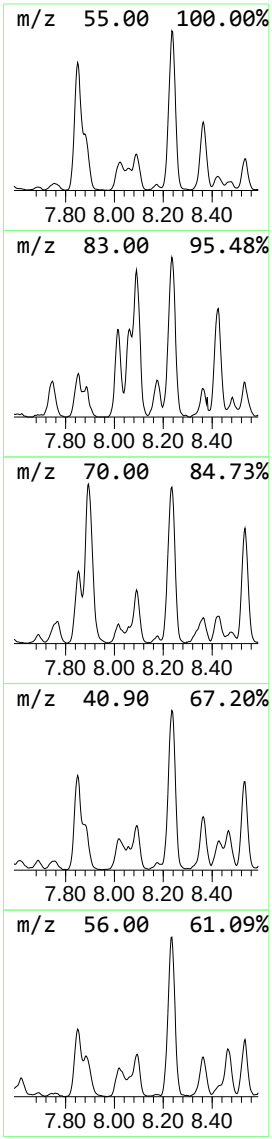
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic8.090 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.090	10.30 ug/L	277191	Chlorobenzene-d5	9.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, pentyl-	112	C8H16	002511-91-3	64
2	1-Ethyl-2-(4-methylpentyl)cyclop...	182	C13H26	219726-60-0	59
3	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	58
4	Cyclooctane	112	C8H16	000292-64-8	41
5	2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	41





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Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

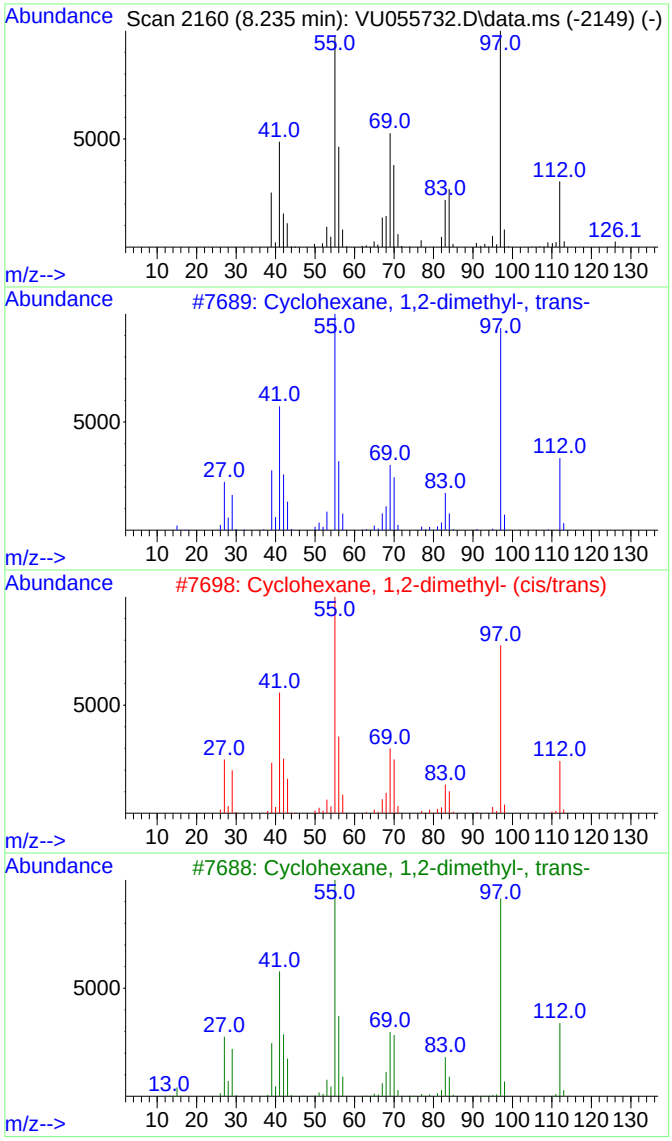
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

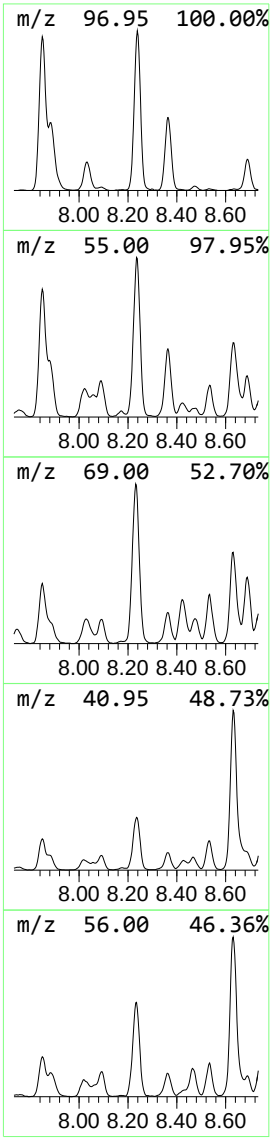
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic8.235 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.235	48.94 ug/L	1316950	Chlorobenzene-d5	9.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	93
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	93
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	90
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	81





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Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

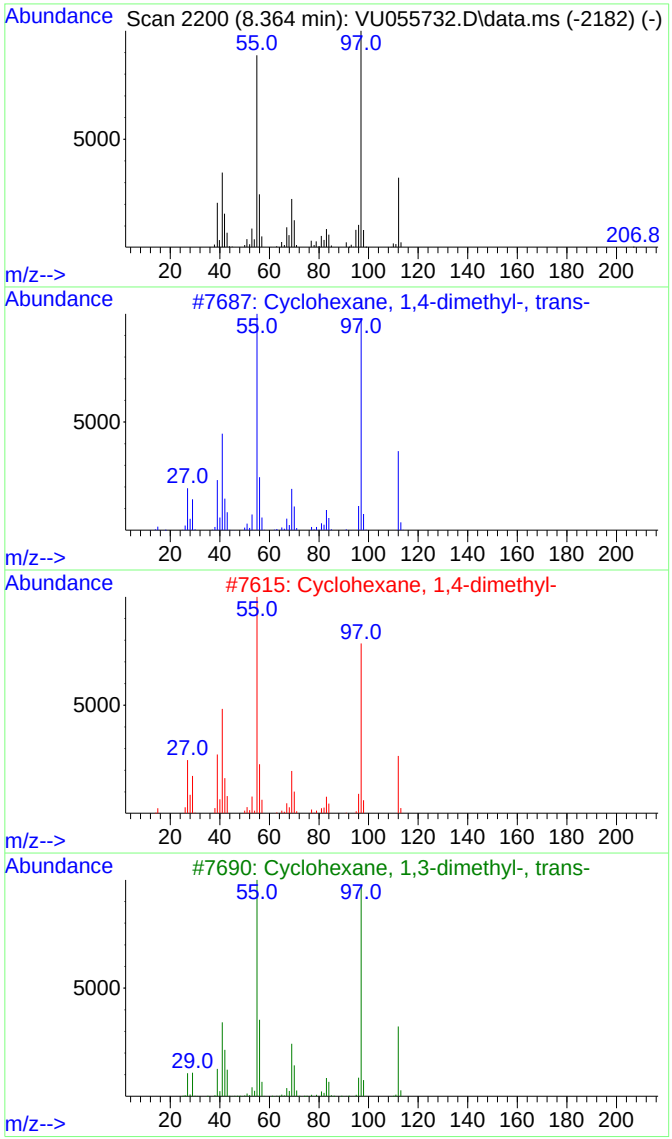
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

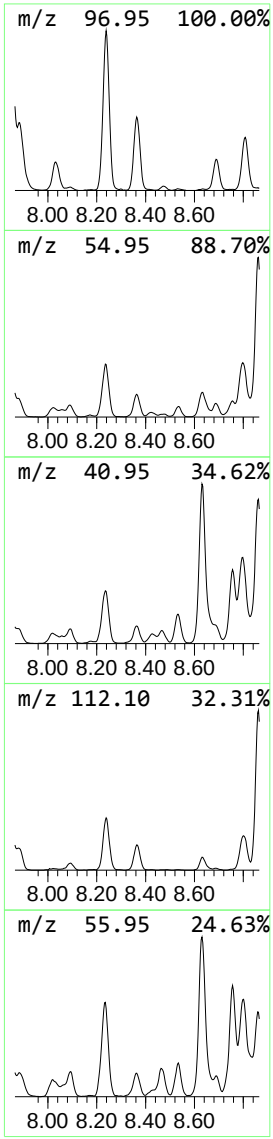
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic8.364 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.364	15.24 ug/L	410167	Chlorobenzene-d5	9.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	95
2	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	95
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	93





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Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

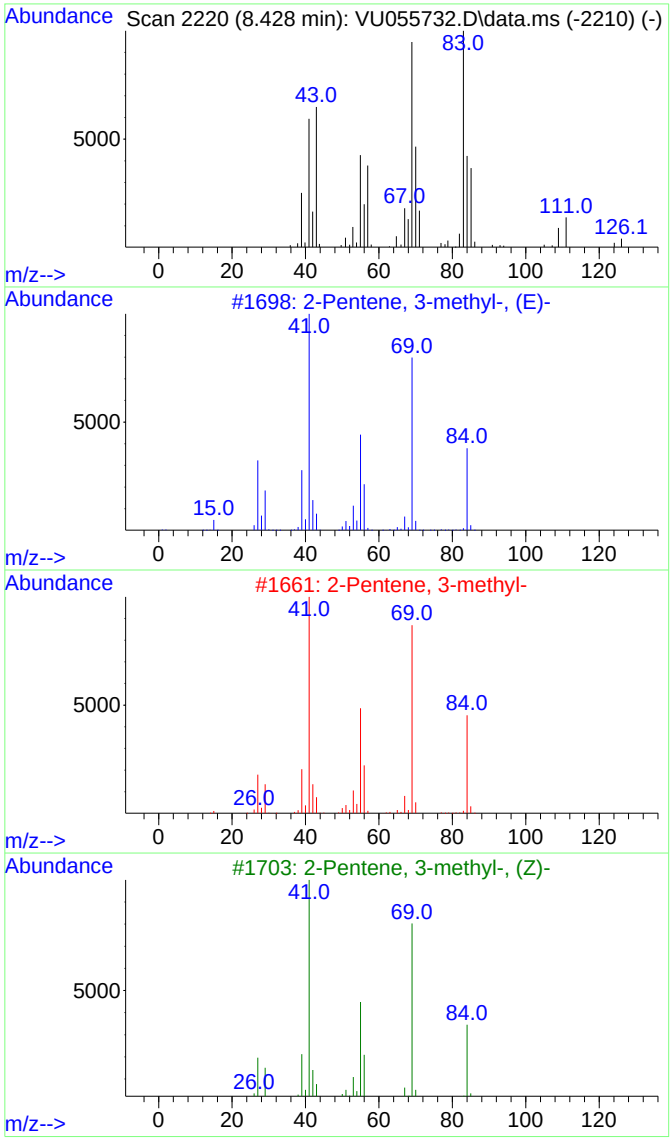
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

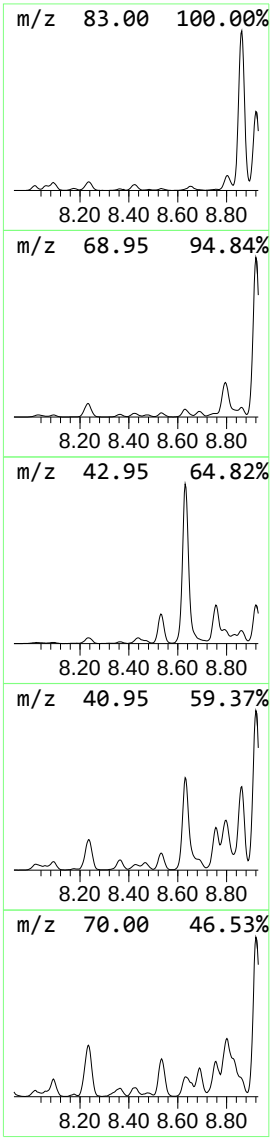
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.428	6.39 ug/L	172035	Chlorobenzene-d5	9.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	38
2	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	38
3	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	38
4	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	38
5	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	35





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Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

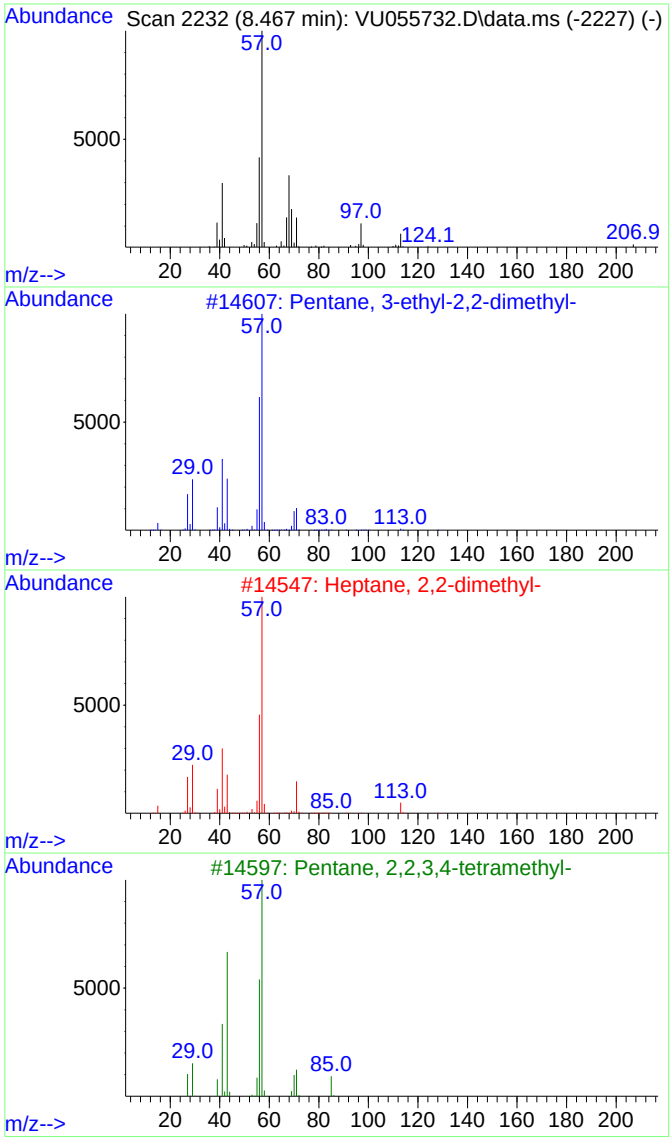
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

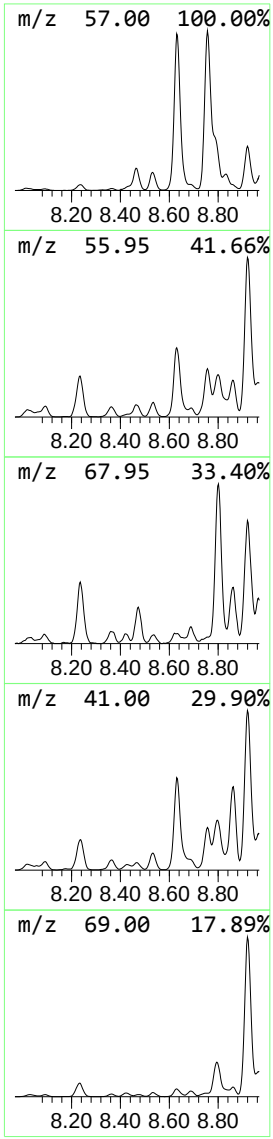
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.467	6.10 ug/L	164139	Chlorobenzene-d5	9.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43
2	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	38
3	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	37
4	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	32
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	32





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Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

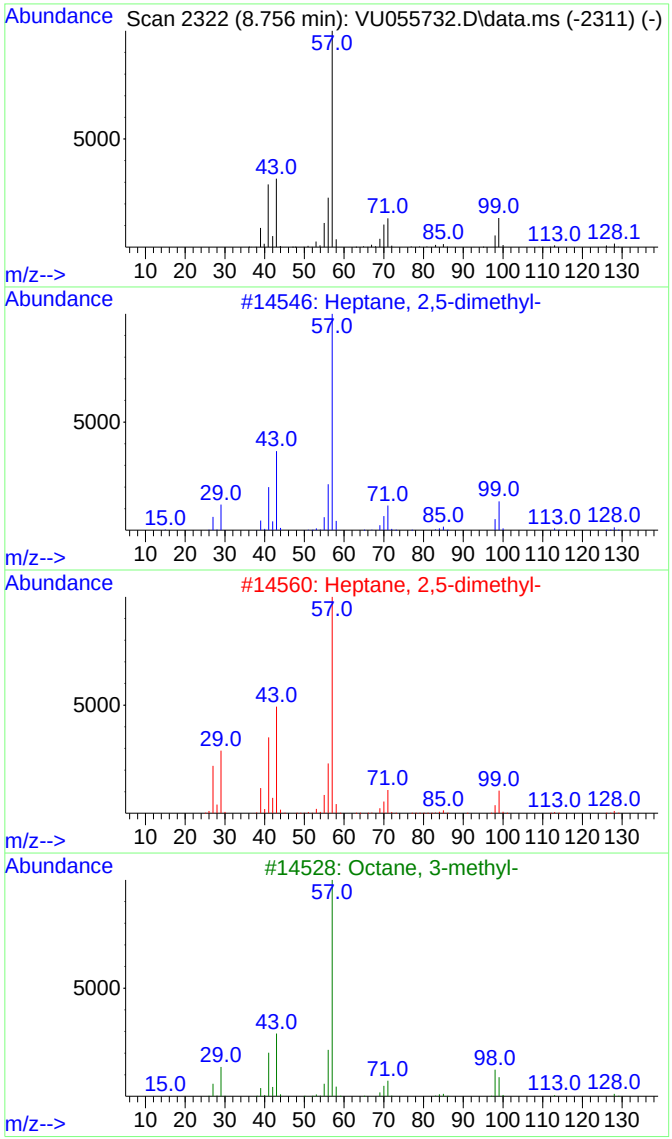
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

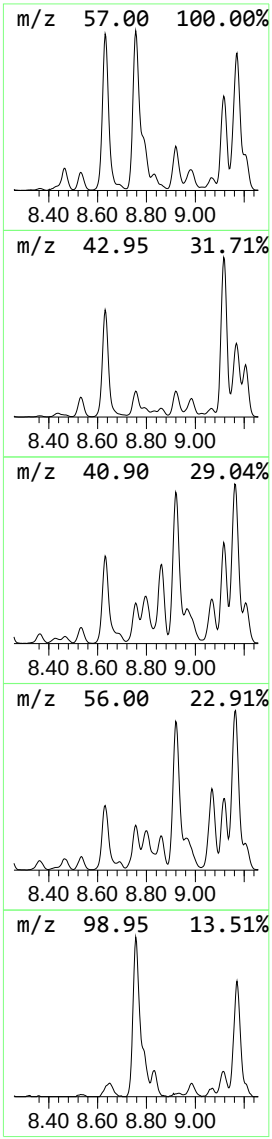
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.756	37.51 ug/L	1009500	Chlorobenzene-d5	9.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
3	Octane, 3-methyl-	128	C9H20	002216-33-3	90
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87





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Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

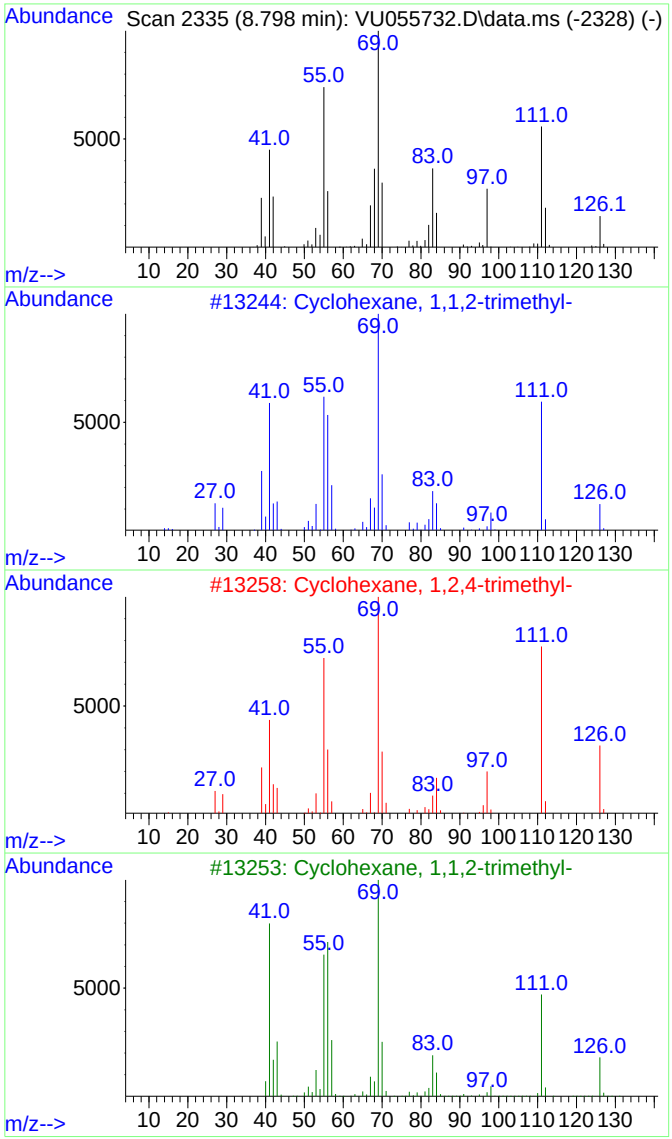
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

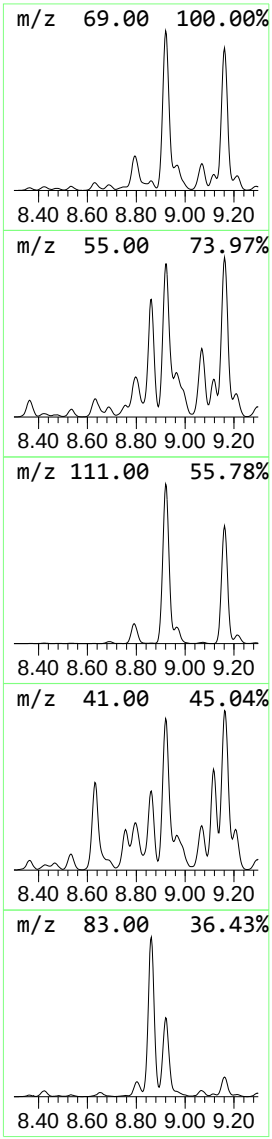
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Cyclic8.798 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.798	36.39 ug/L	979180	Chlorobenzene-d5	9.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	72
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	58
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	58
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	53
5	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	52





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Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

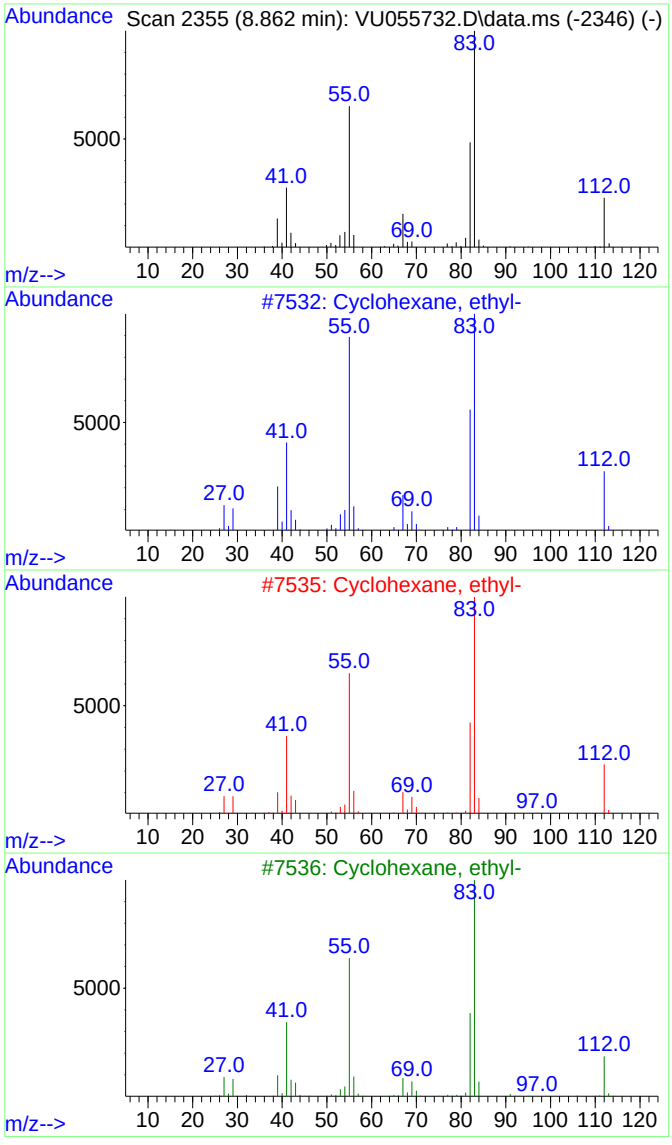
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

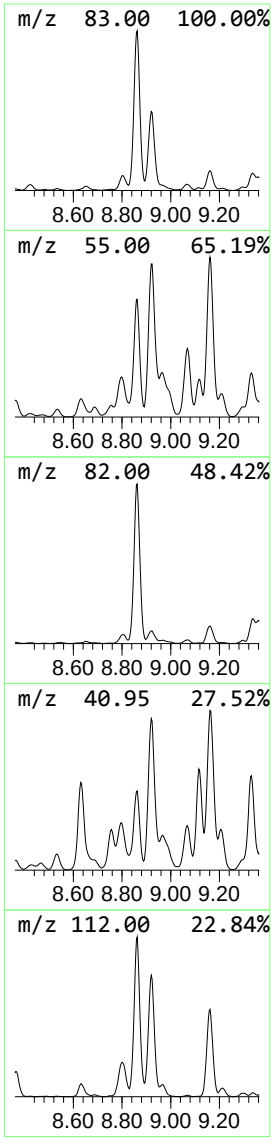
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic8.862 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.862	83.36 ug/L	2243410	Chlorobenzene-d5	9.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78





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Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

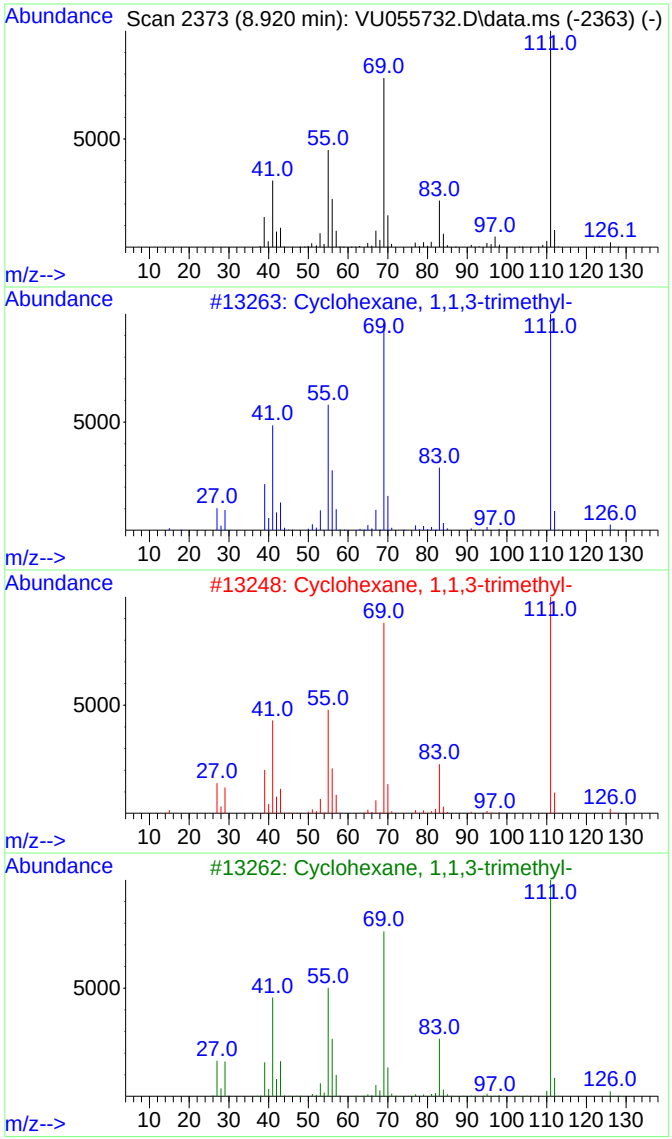
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

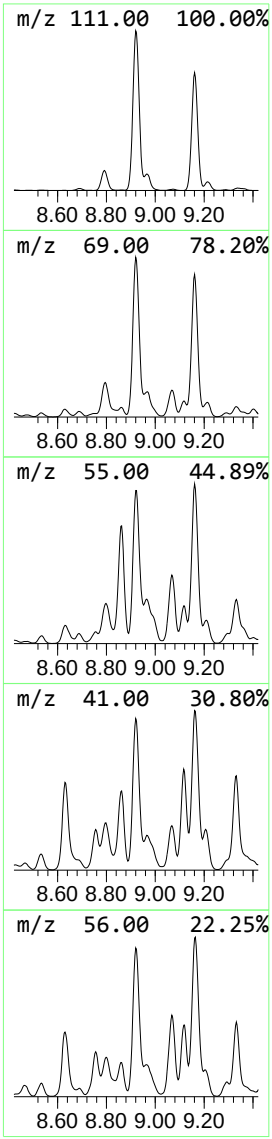
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Cyclic8.920 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.920	218.98 ug/L	5893200	Chlorobenzene-d5	9.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	72
5	Cyclooctane, butyl-	168	C12H24	016538-93-5	53





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Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

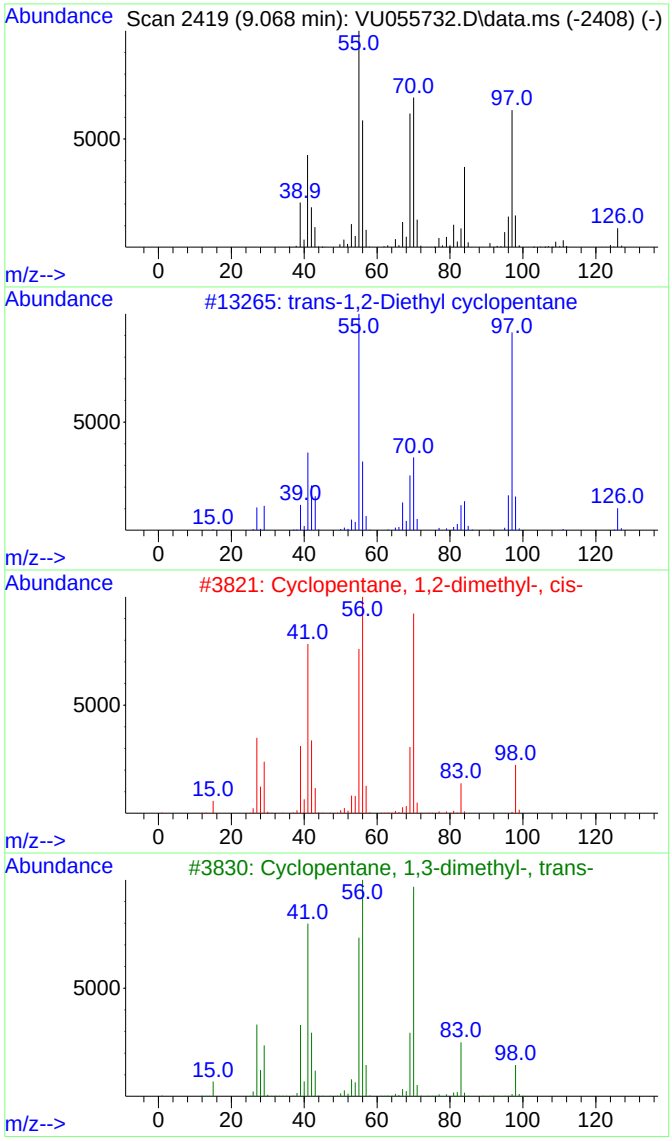
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

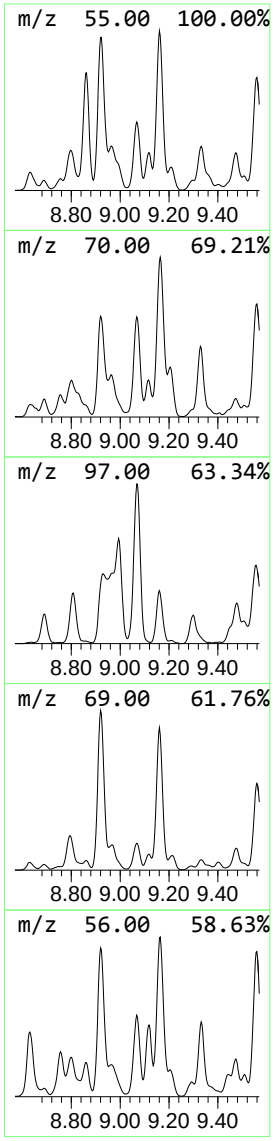
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Cyclic9.068 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.068	67.74 ug/L	1822970	Chlorobenzene-d5	9.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	64
2	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	50
3	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	43
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	43
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	43





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Acq On : 10 Oct 2023 19:38
Operator : MD/SY
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Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

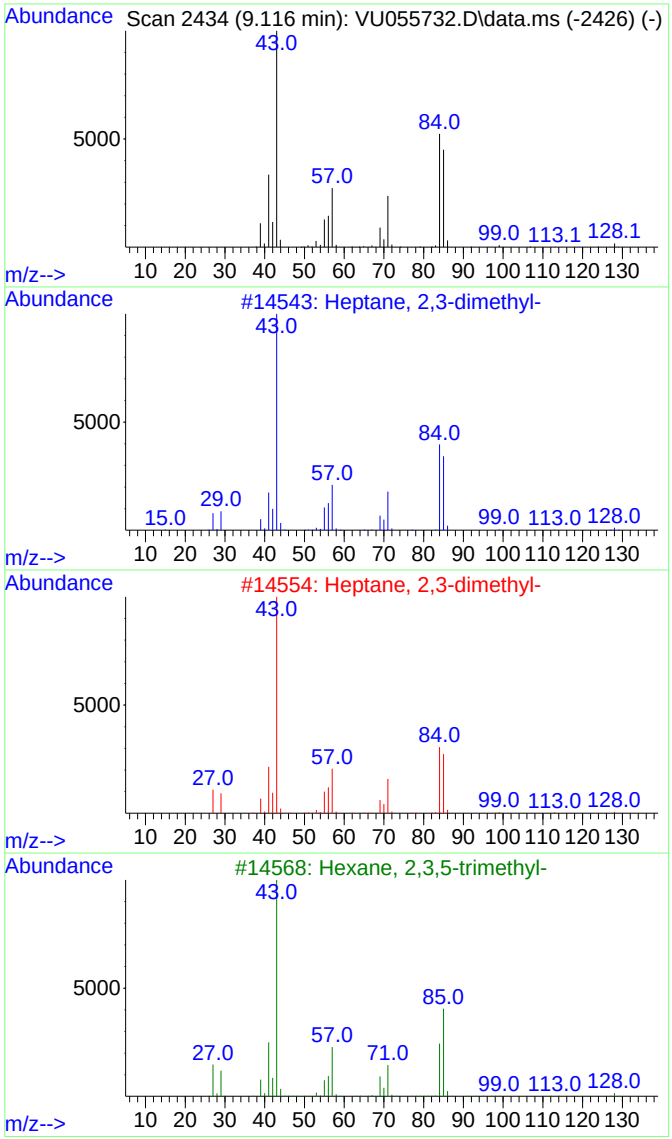
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

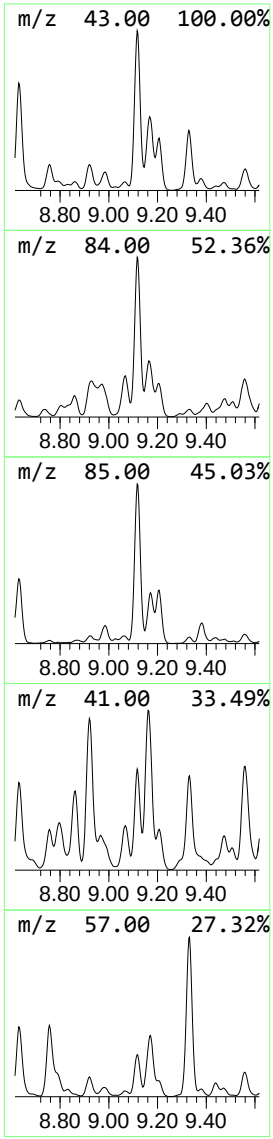
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.116	85.96 ug/L	2313270	Chlorobenzene-d5	9.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	91
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	87
3	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	81
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	78
5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

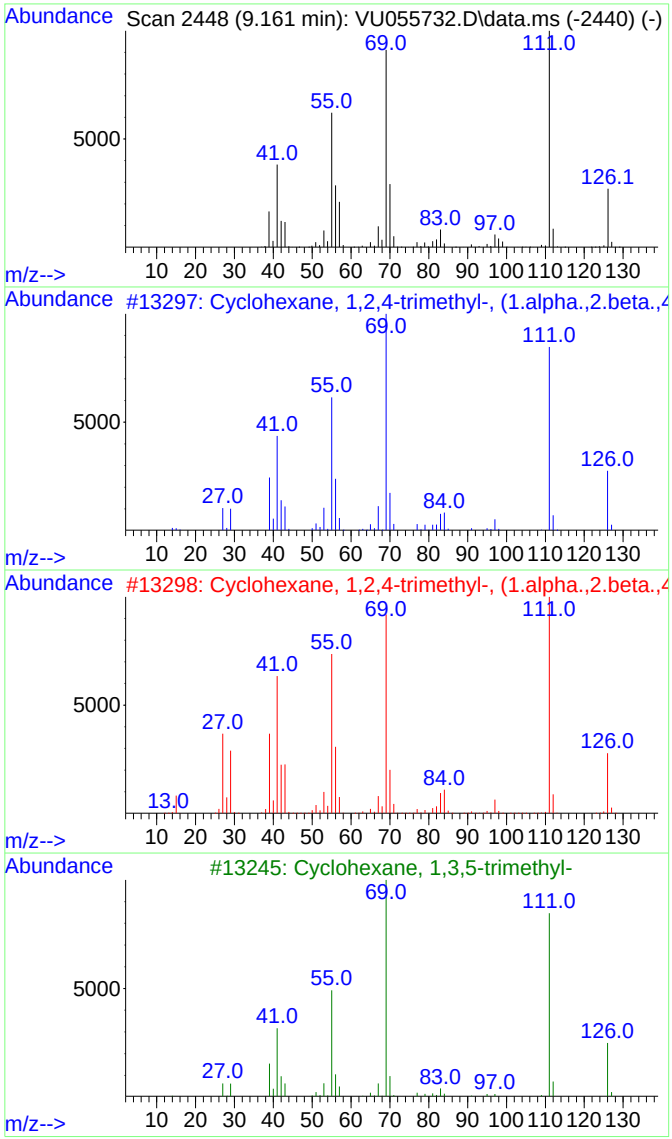
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

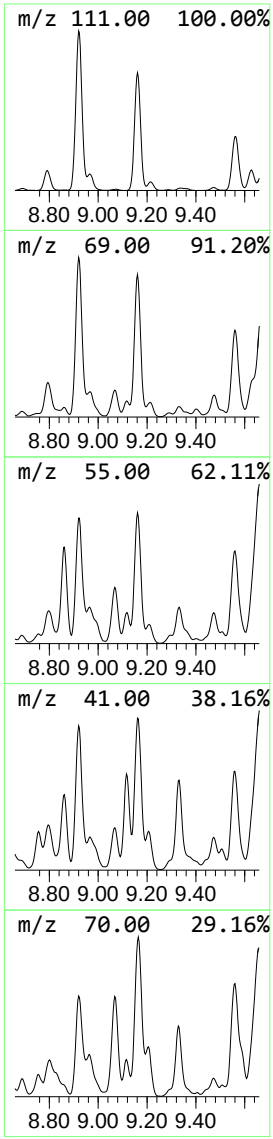
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Cyclic9.161 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.161	189.90 ug/L	5110540	Chlorobenzene-d5	9.421

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	87
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	87
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	83





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Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

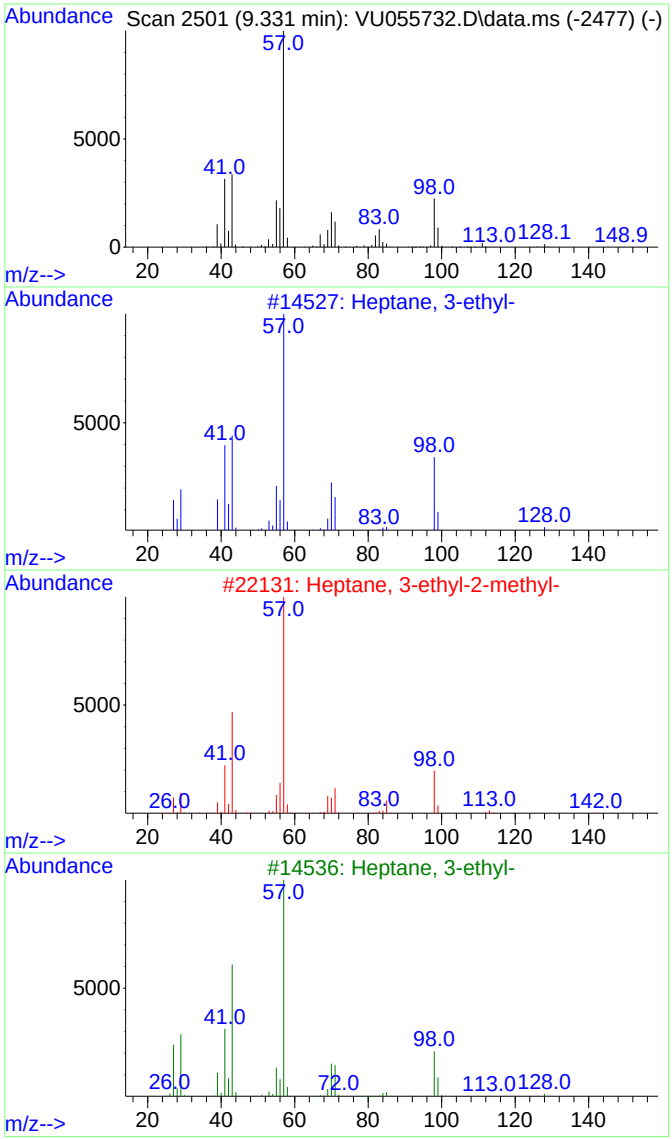
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

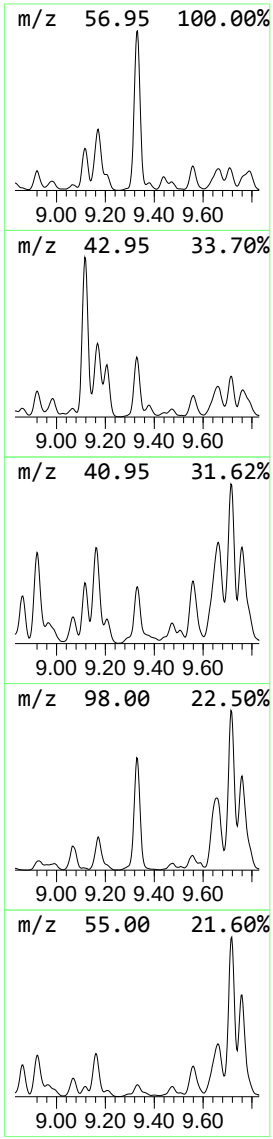
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.331	140.82 ug/L	3789710	Chlorobenzene-d5	9.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-	128	C9H20	015869-80-4	87
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
3	Heptane, 3-ethyl-	128	C9H20	015869-80-4	72
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
5	Octane, 3-methyl-	128	C9H20	002216-33-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

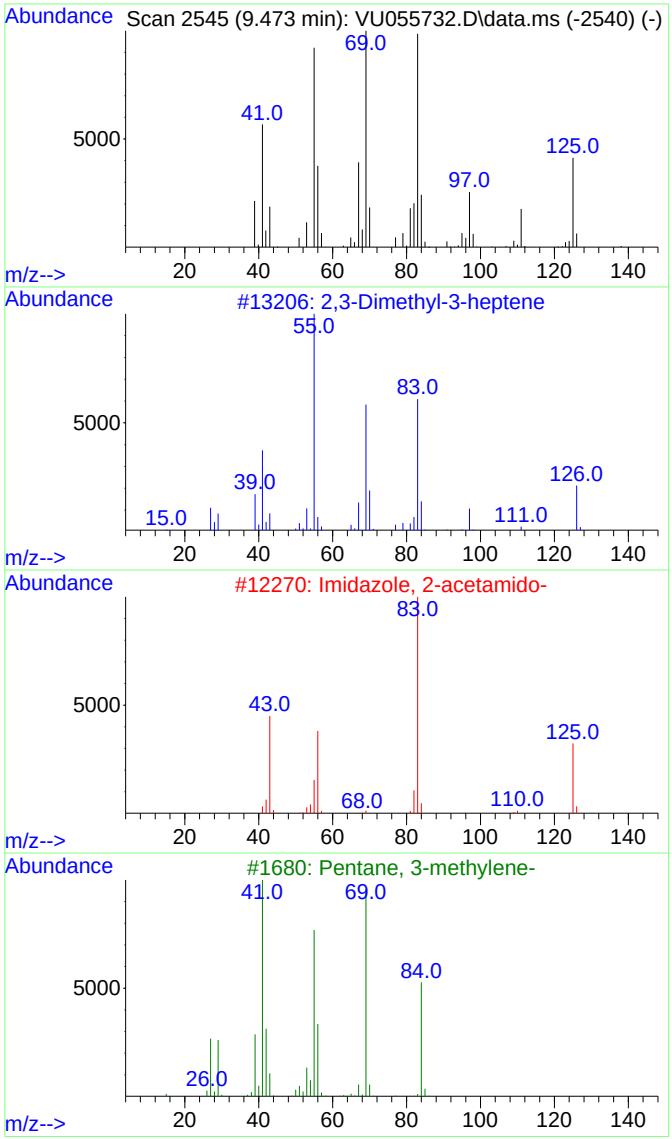
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

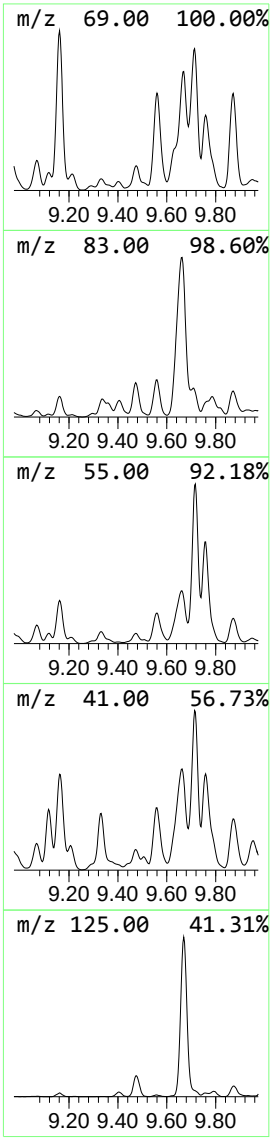
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.473	15.71 ug/L	422738	Chlorobenzene-d5	9.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethyl-3-heptene	126	C9H18	1000113-49-3	53
2	Imidazole, 2-acetamido-	125	C5H7N3O	052737-49-2	35
3	Pentane, 3-methylene-	84	C6H12	000760-21-4	30
4	Pentane, 3-methylene-	84	C6H12	000760-21-4	30
5	2-Hydroxy-2-methyl-but-3-enyl 2-...	184	C10H16O3	080758-67-4	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

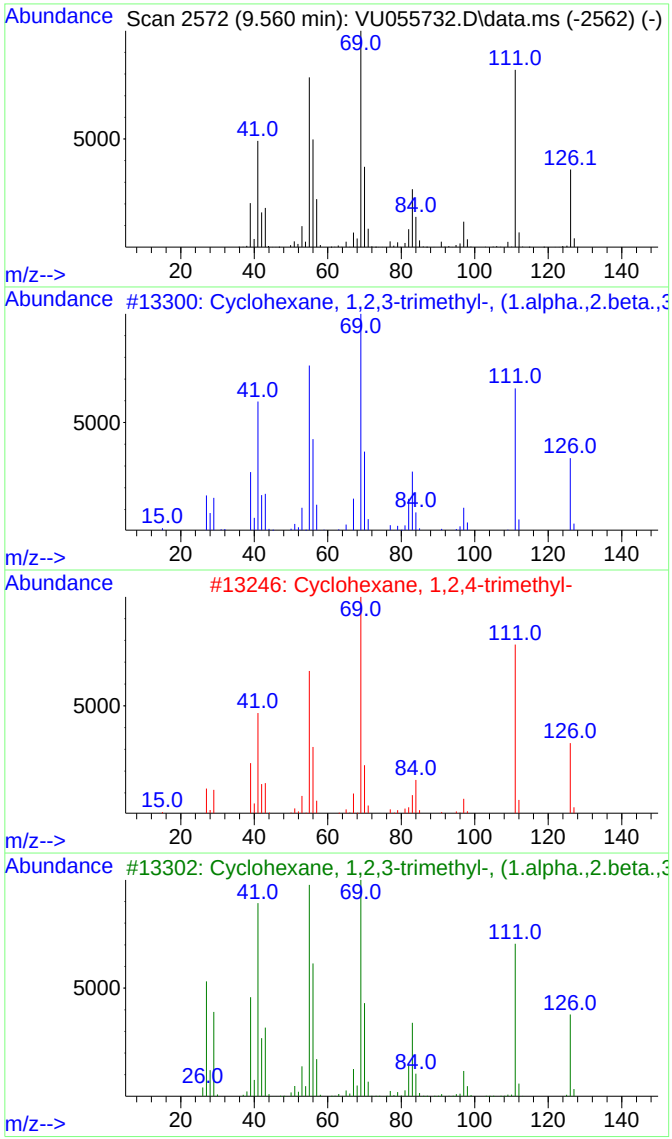
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

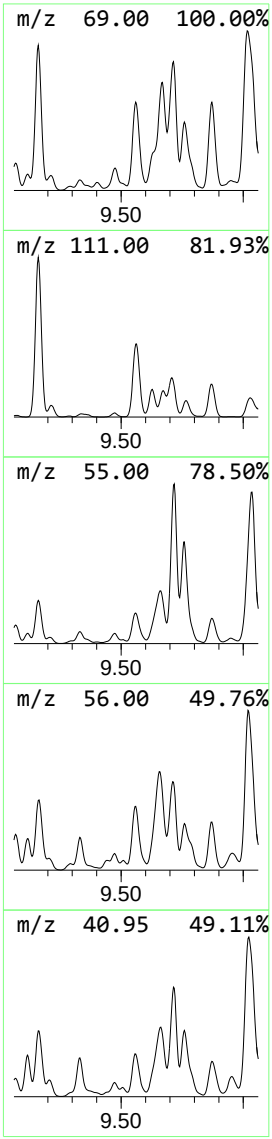
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Cyclic9.560 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.560	147.60 ug/L	3972200	Chlorobenzene-d5	9.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	94
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
3	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	83
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	81
5	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

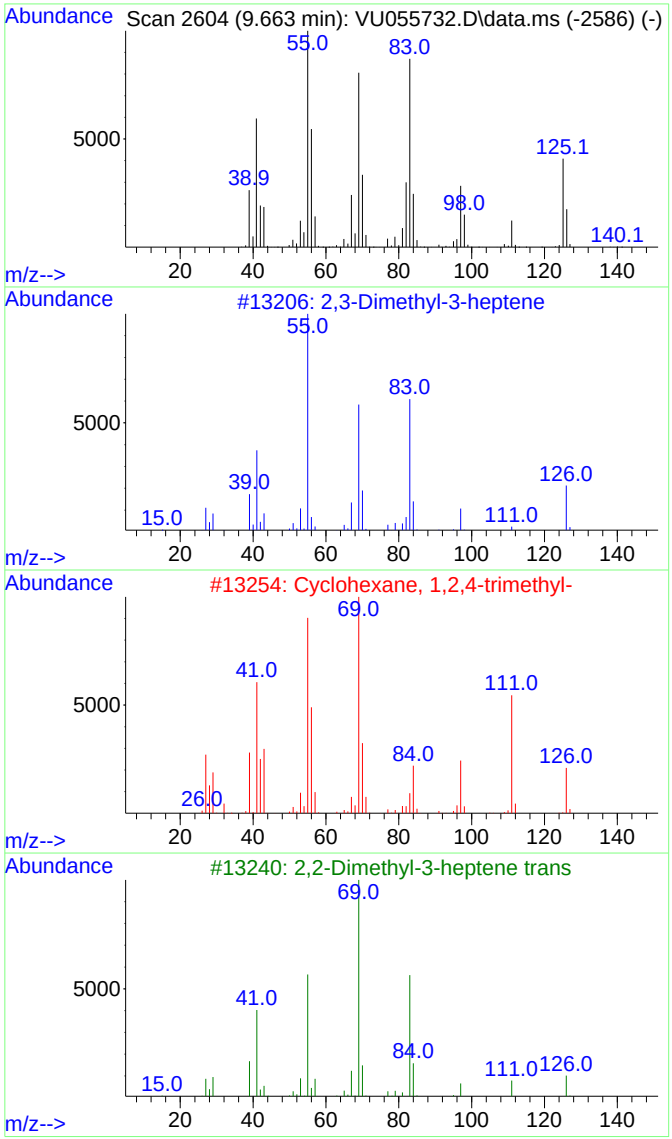
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

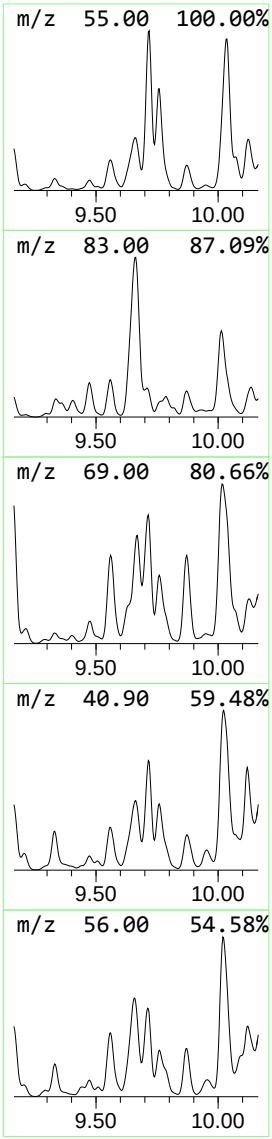
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.663	340.78 ug/L	9170990	Chlorobenzene-d5	9.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethyl-3-heptene	126	C9H18	1000113-49-3	64
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	45
3	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	42
4	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	38
5	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

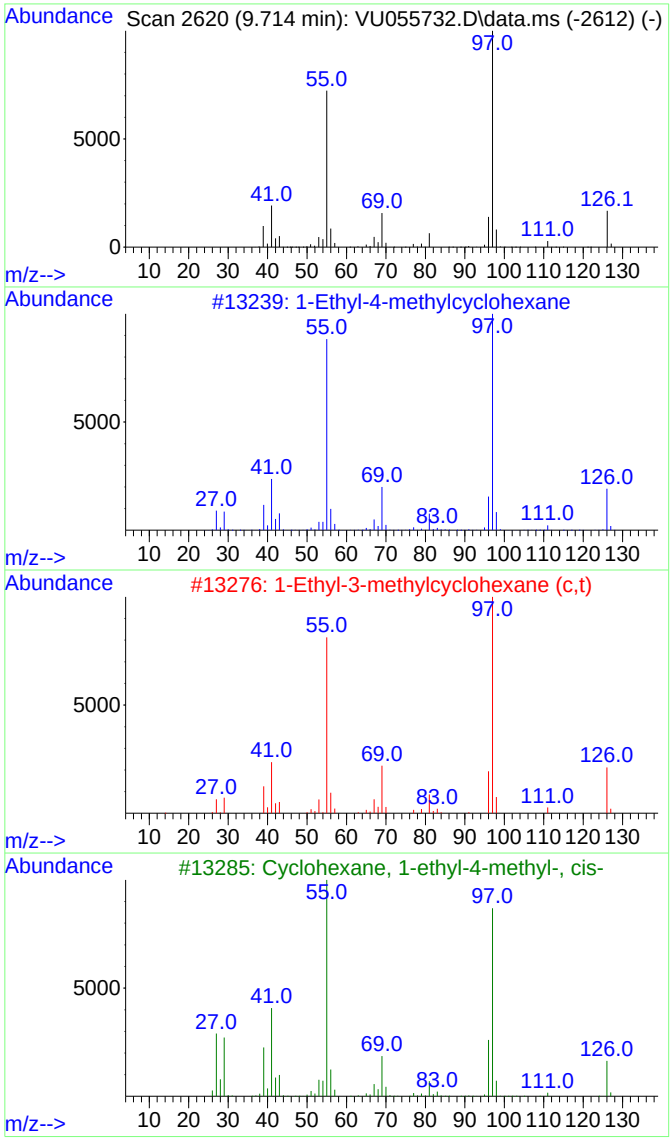
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

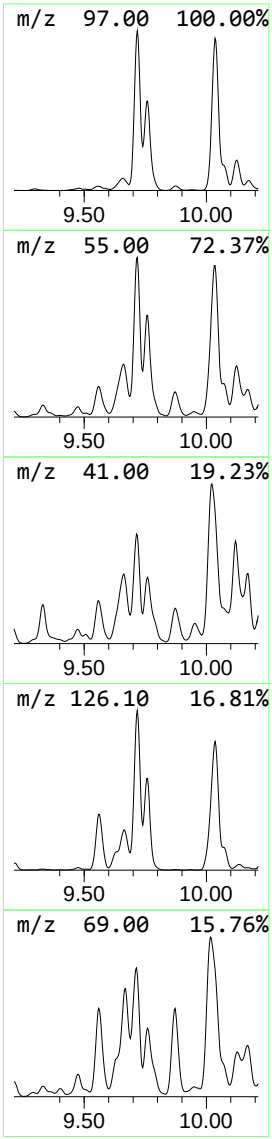
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Cyclic9.714 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.714	375.17 ug/L	10096400	Chlorobenzene-d5	9.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	95
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	94
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	87
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	87
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

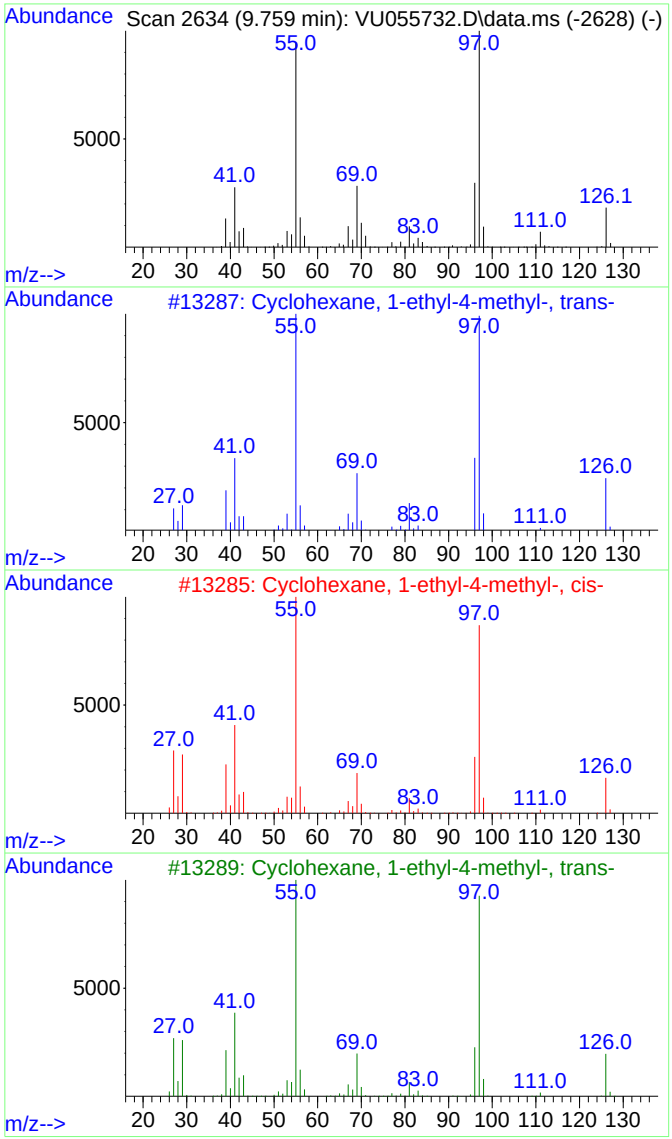
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

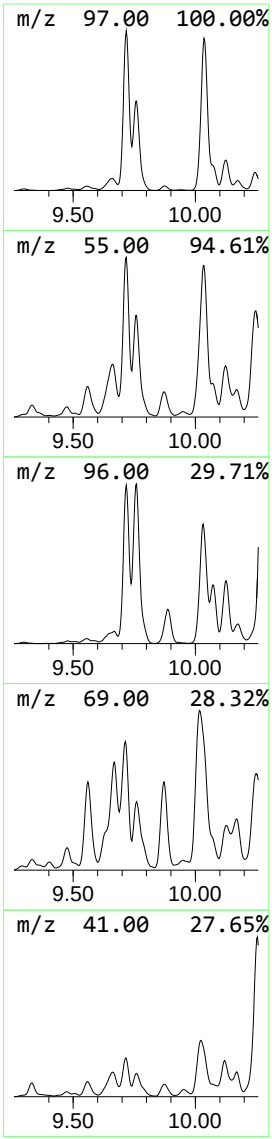
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Cyclic9.759 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.759	321.22 ug/L	8644530	Chlorobenzene-d5	9.421

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	004926-78-7	91
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	91
4	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	90
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

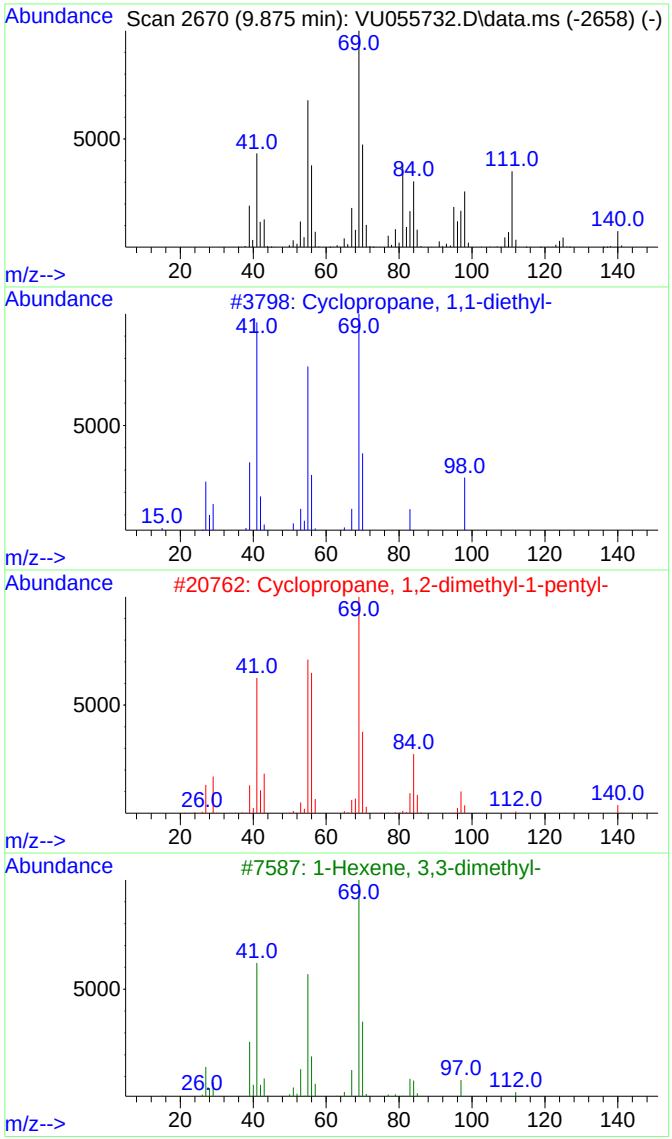
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

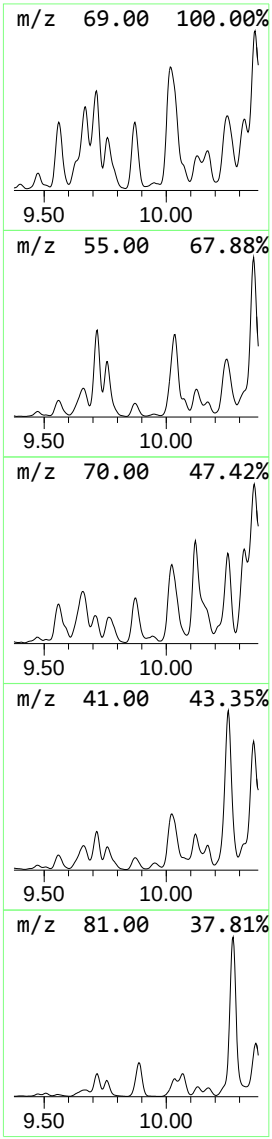
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Cyclic9.875 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.875	176.33 ug/L	4745240	Chlorobenzene-d5	9.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	64
2	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	62
3	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	52
4	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	52
5	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

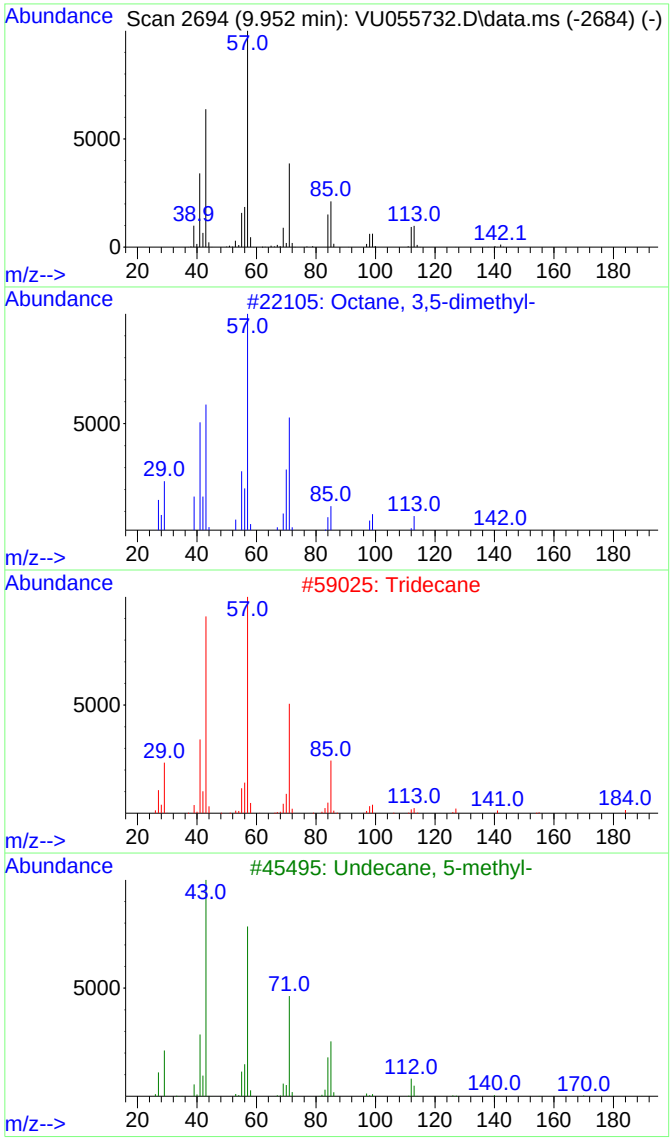
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

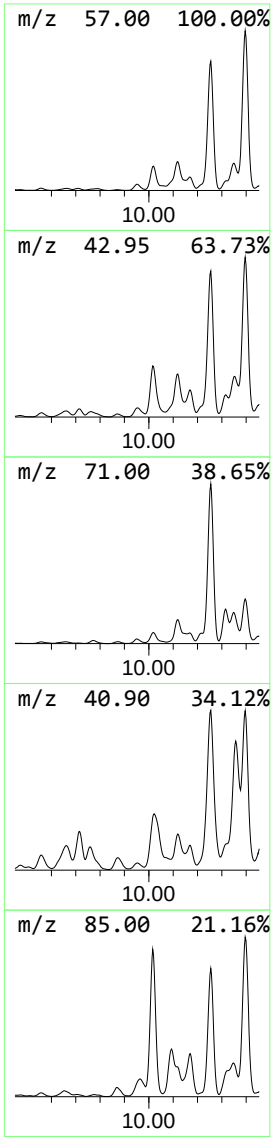
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.952	55.43 ug/L	1491580	Chlorobenzene-d5	9.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
2	Tridecane	184	C13H28	000629-50-5	59
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	59
4	Hexadecane	226	C16H34	000544-76-3	58
5	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

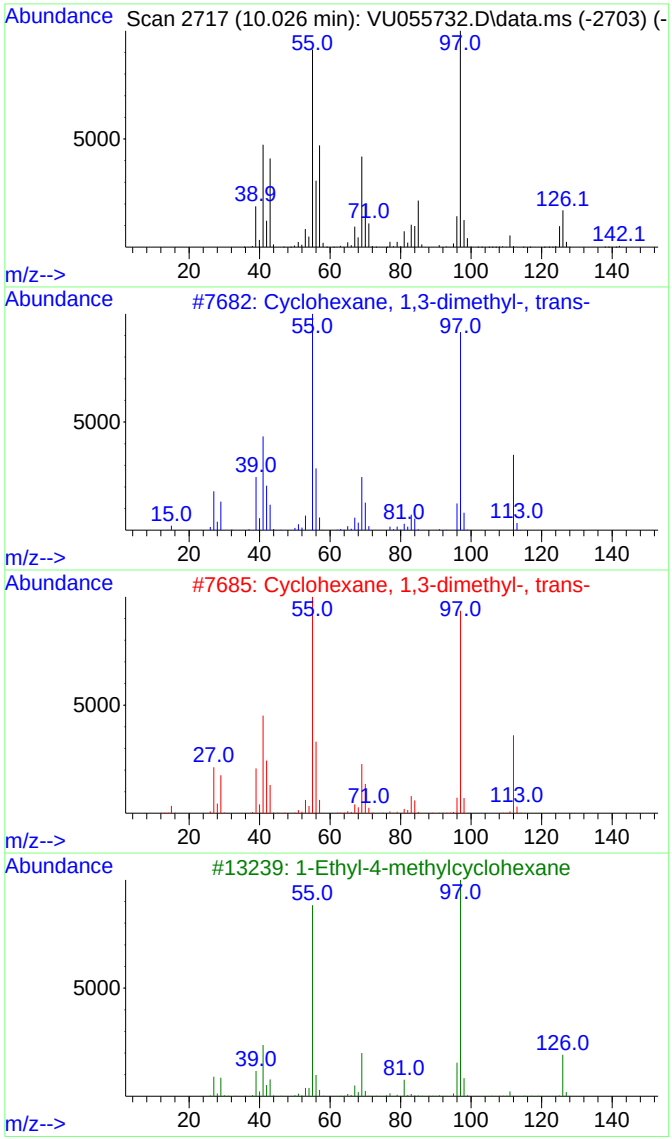
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

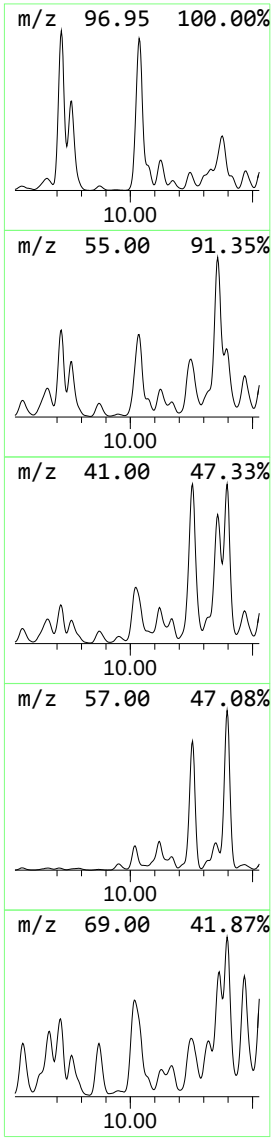
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Cyclic10.026 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.026	884.64 ug/L	23806900	Chlorobenzene-d5	9.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	72
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	72
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	58
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

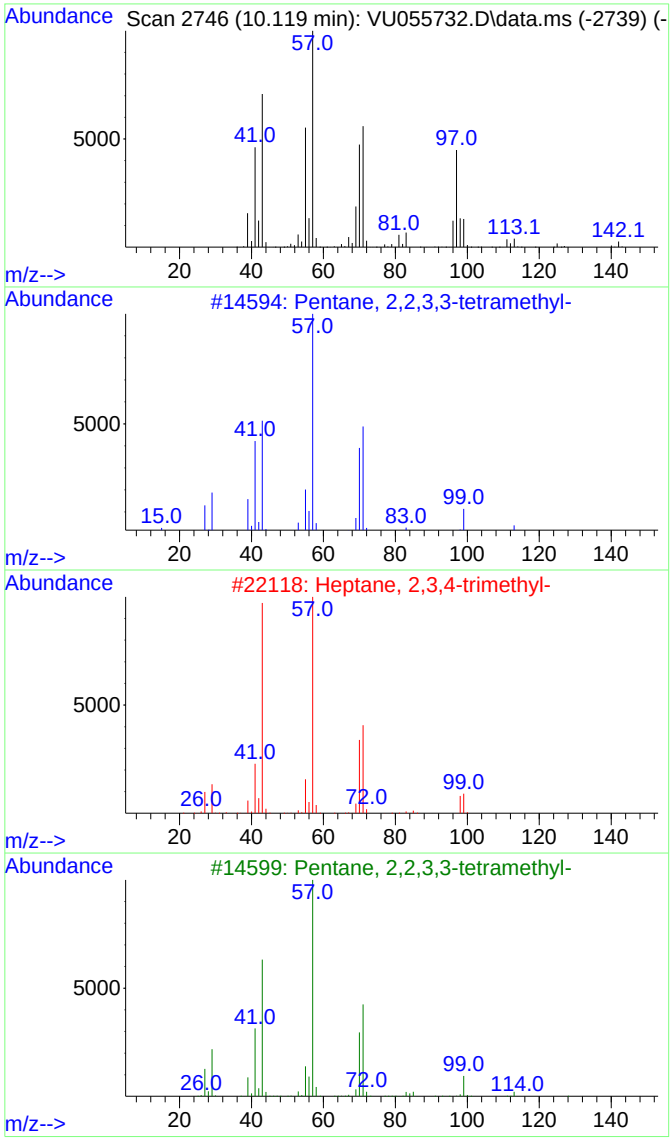
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

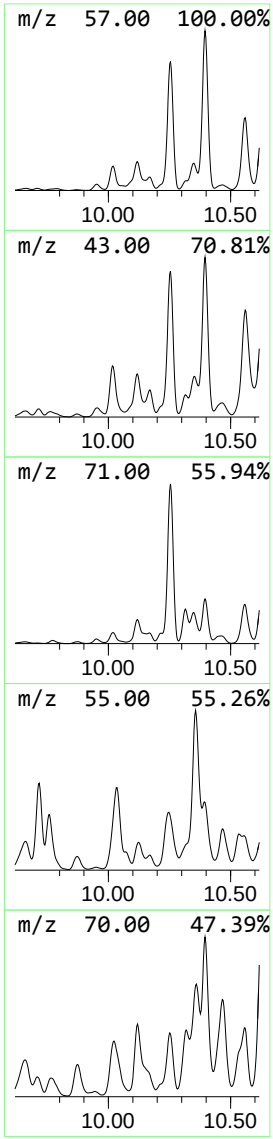
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.119	215.01 ug/L	5786230	Chlorobenzene-d5	9.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	50
2	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	50
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	38
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	38
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

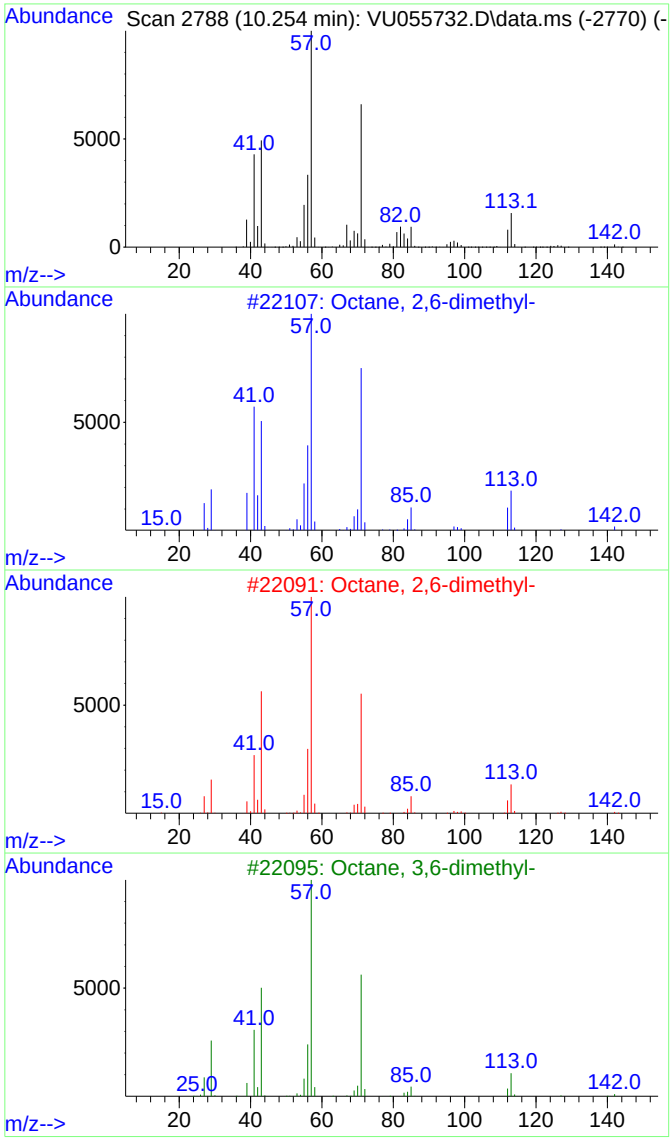
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

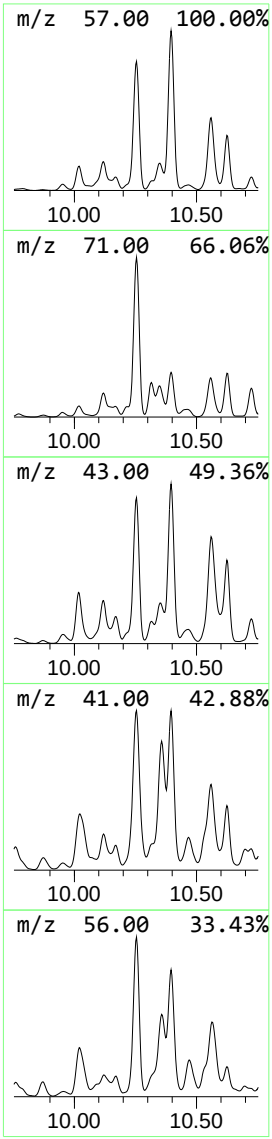
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.254	1611.23 ug/L	43360700	Chlorobenzene-d5	9.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	94
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

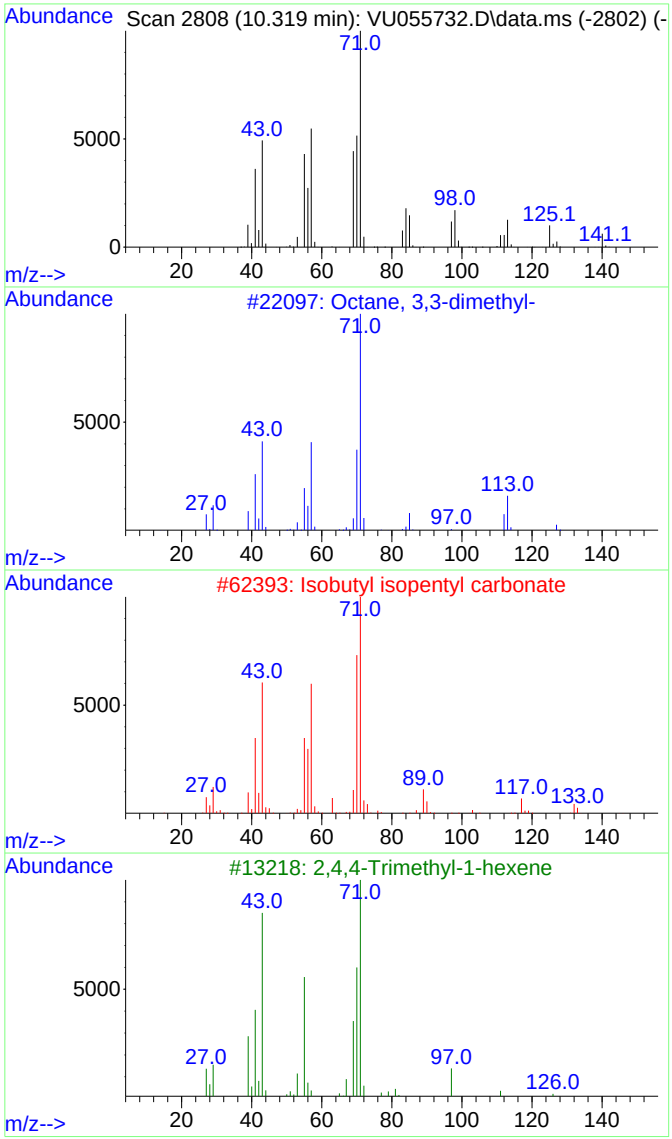
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

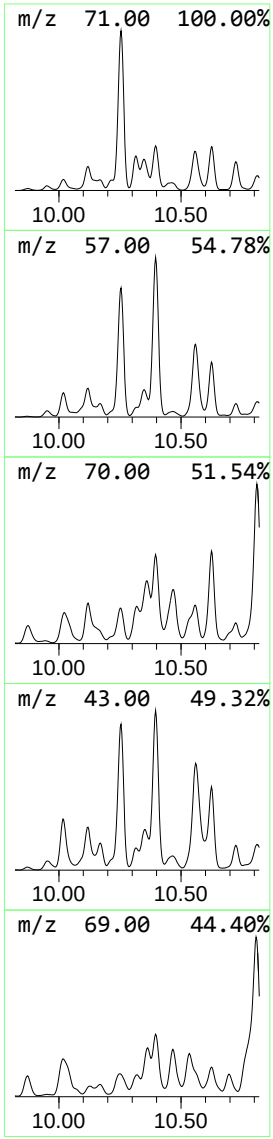
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.319	151.70 ug/L	4082430	Chlorobenzene-d5	9.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	59
2	Isobutyl isopentyl carbonate	188	C10H20O3	1000372-76-3	50
3	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	49
4	2-Decanol, 2-methylpropionate	228	C14H28O2	1000447-30-4	47
5	6-Methyl-2-heptanol, 2-methylpro...	200	C12H24O2	1000447-36-7	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

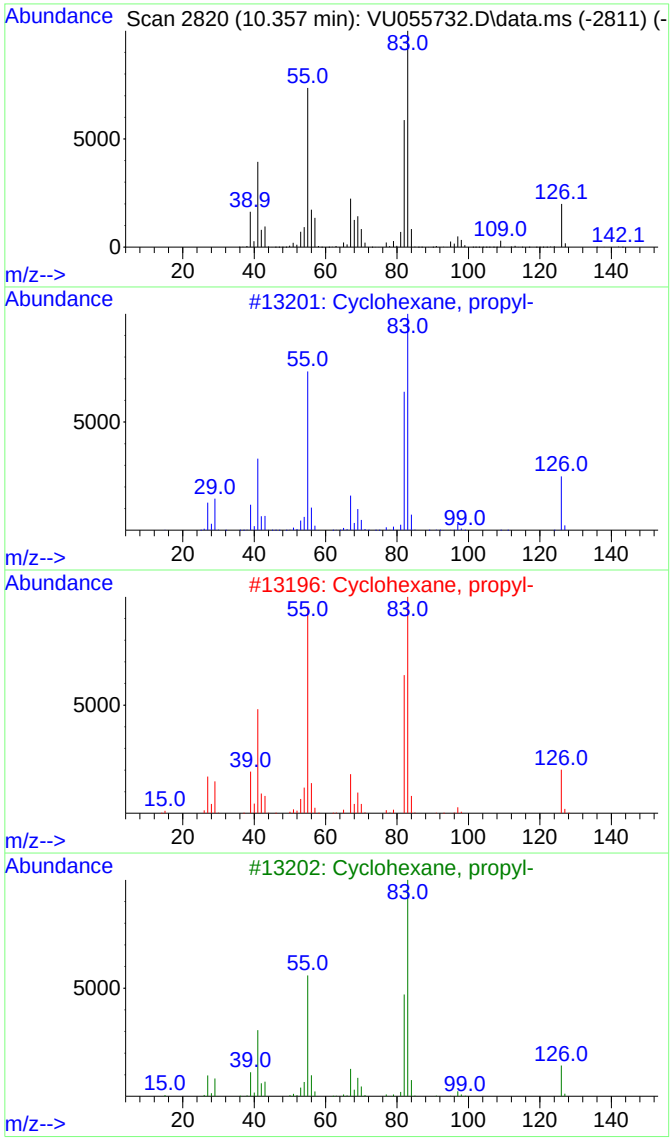
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

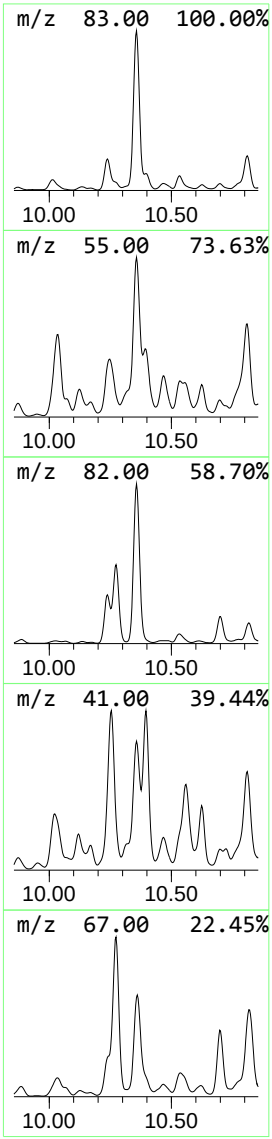
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Cyclic10.357 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.357	1207.11 ug/L	32485200	Chlorobenzene-d5	9.421

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	87
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

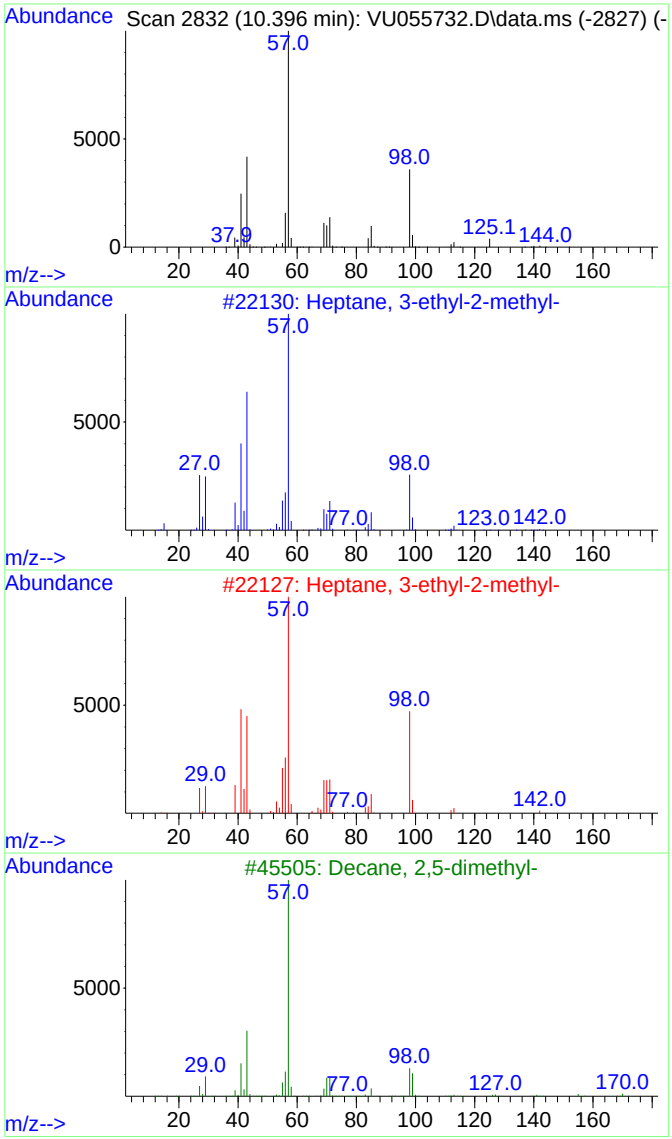
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

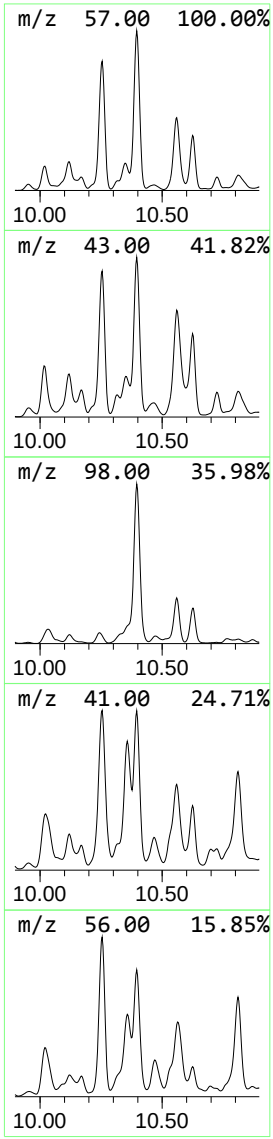
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.396	1088.71 ug/L	29298800	Chlorobenzene-d5	9.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	91
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
3	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	64
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
5	Decyl heptyl ether	256	C17H36O	1000406-39-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

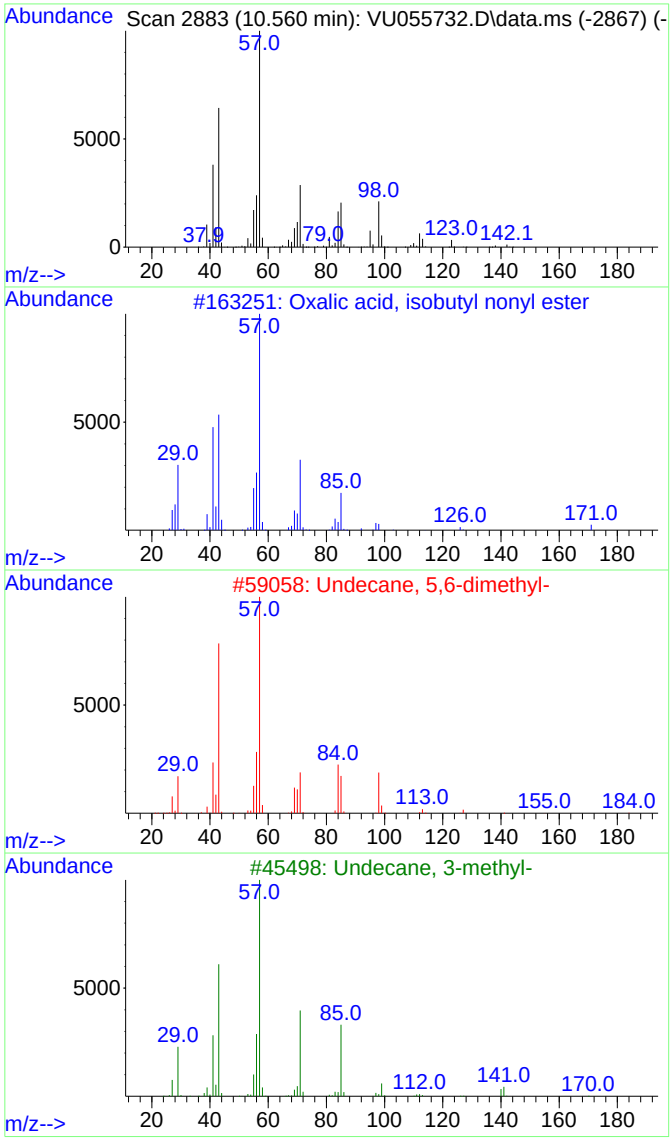
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

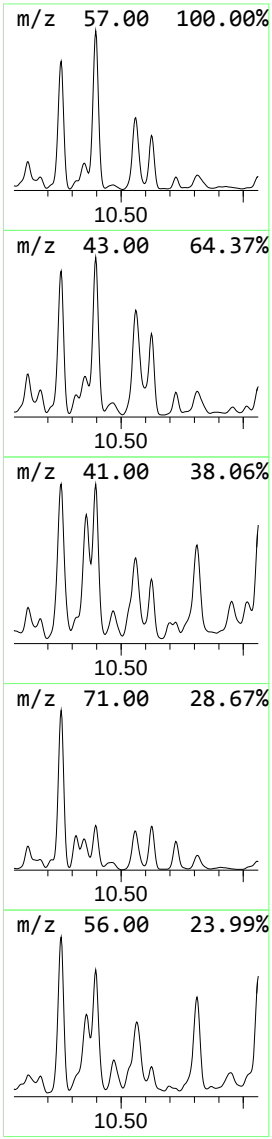
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Oxalic acid, isobutyl nonyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.560	918.78 ug/L	24725800	Chlorobenzene-d5	9.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	50
2	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	50
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	50
4	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	47
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

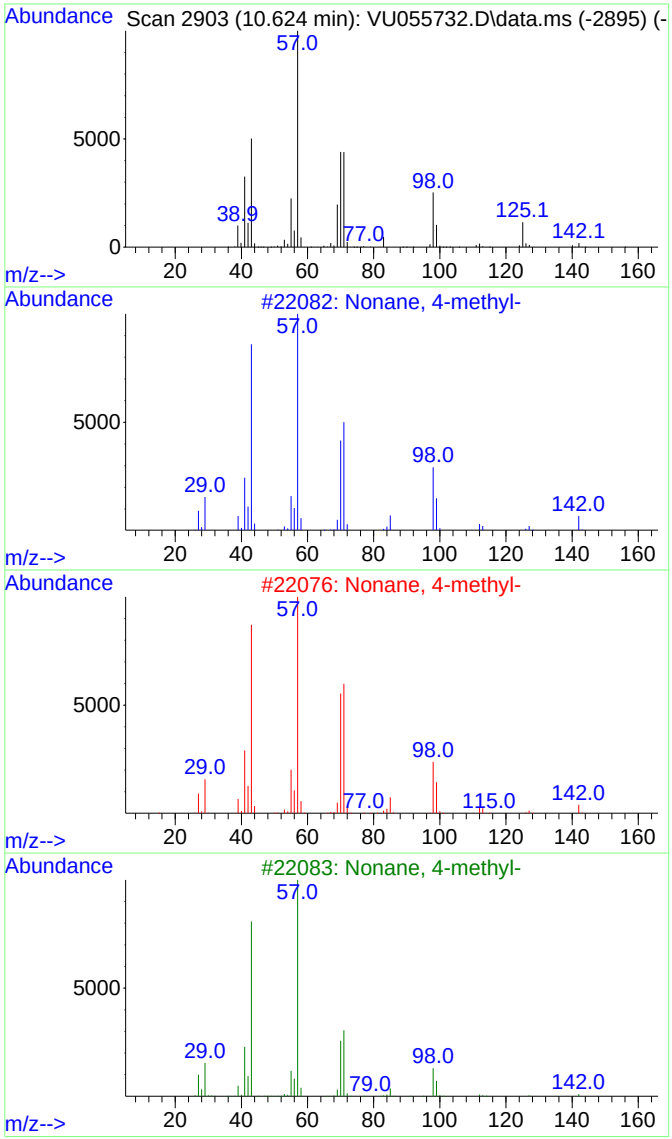
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

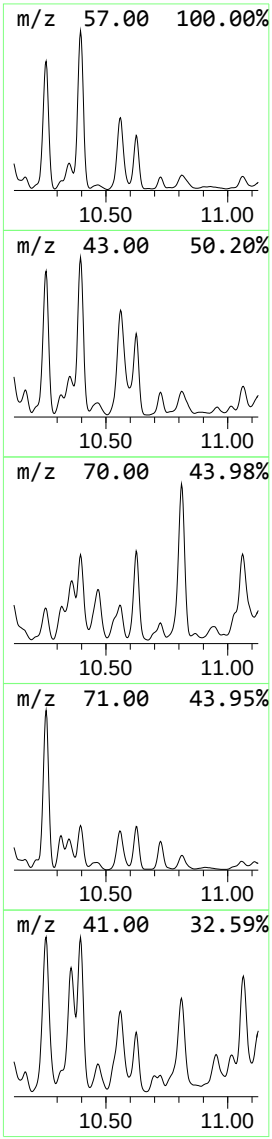
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.624	28.43 ug/L	14363600	1,4-Dichlorobenzene-d4	11.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	59
4	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	59
5	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

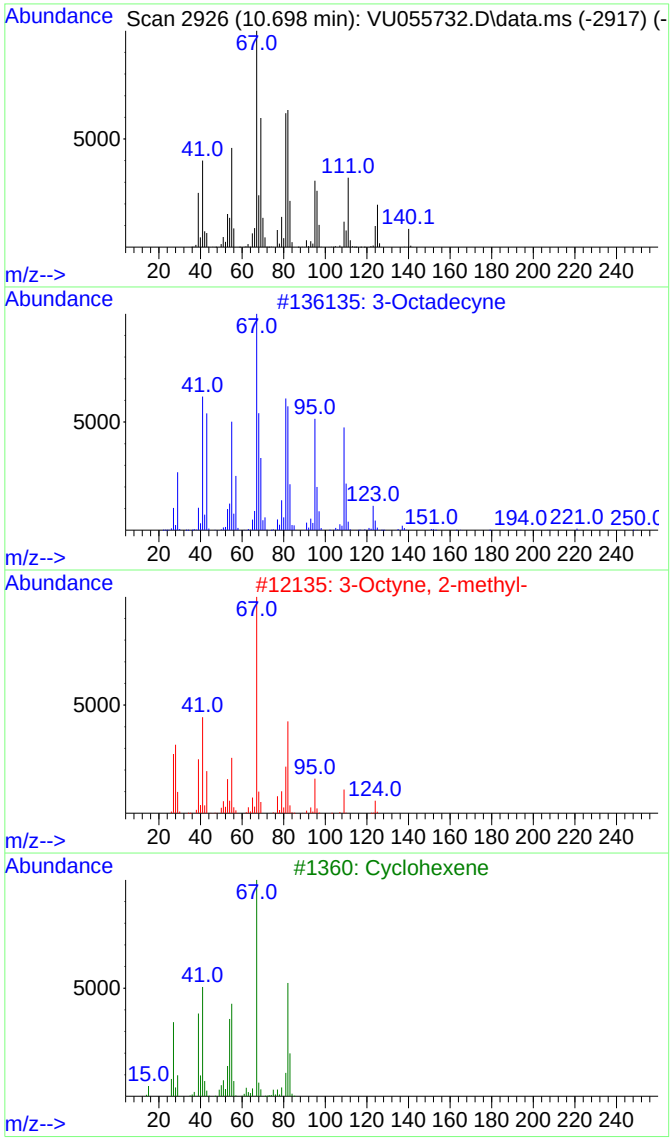
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

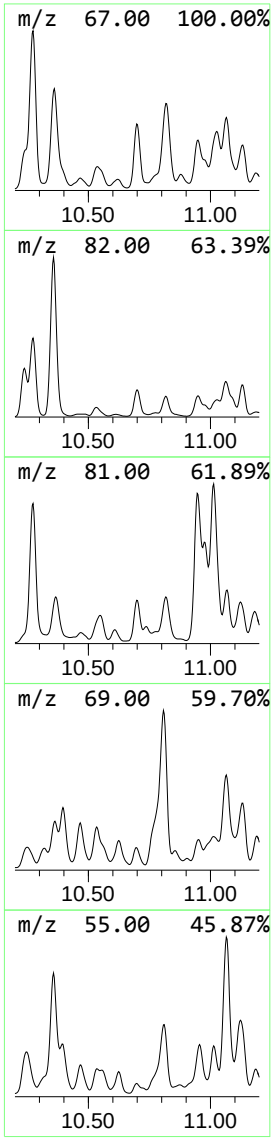
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 3-Octadecyne Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.698	12.28 ug/L	6206670	1,4-Dichlorobenzene-d4	11.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecyne	250	C18H34	061886-64-4	53
2	3-Octyne, 2-methyl-	124	C9H16	055402-15-8	49
3	Cyclohexene	82	C6H10	000110-83-8	46
4	1-Pentadecyne	208	C15H28	000765-13-9	43
5	1-Hexadecyne	222	C16H30	000629-74-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

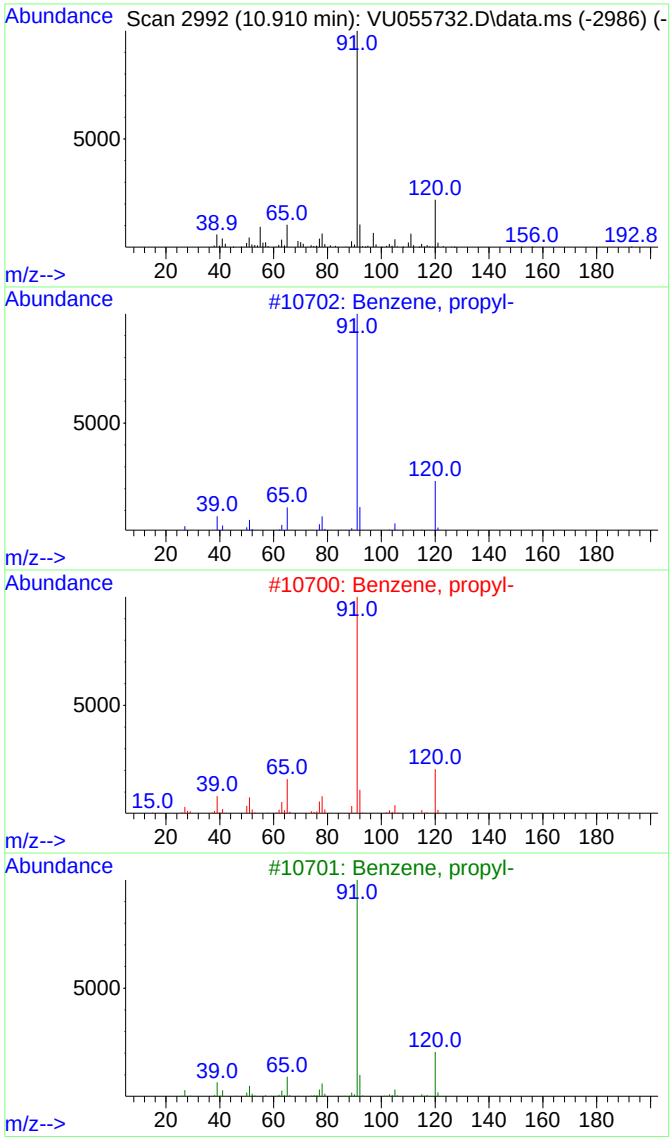
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

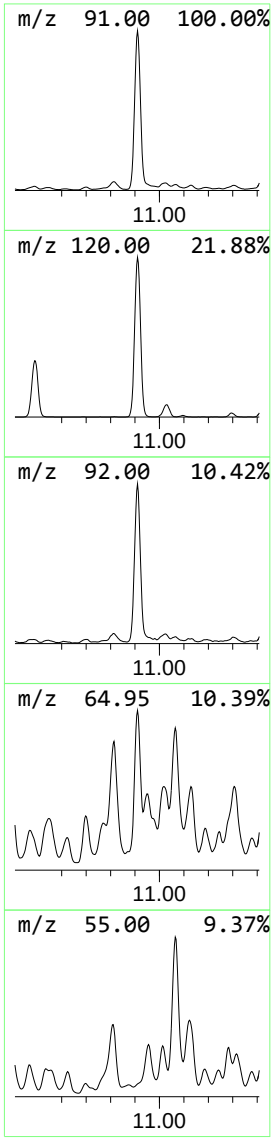
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Benzene, propyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.910	4.30 ug/L	2173850	1,4-Dichlorobenzene-d4	11.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	81
4	Benzene, propyl-	120	C9H12	000103-65-1	81
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

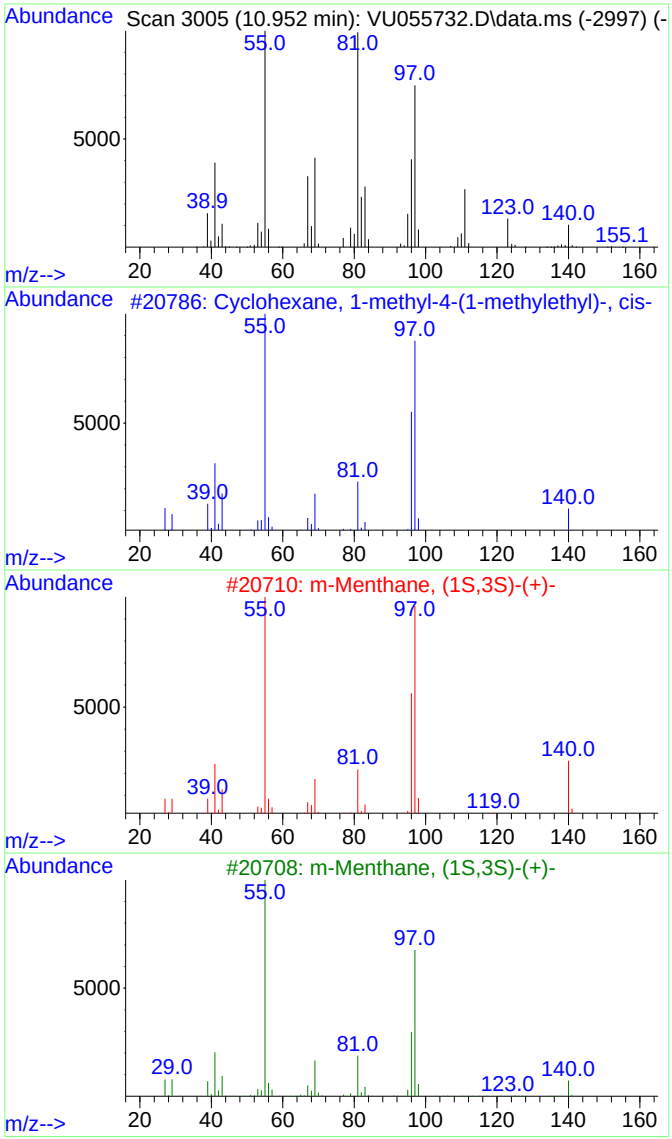
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

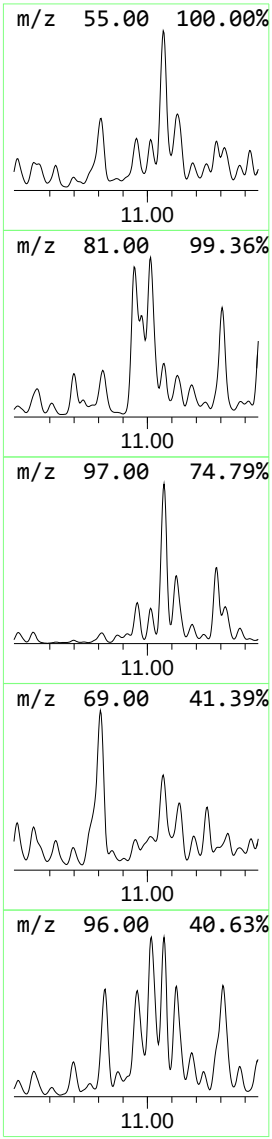
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Cyclic10.952 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.952	17.93 ug/L	9058340	1,4-Dichlorobenzene-d4	11.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	43
2	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	43
3	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	43
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	43
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

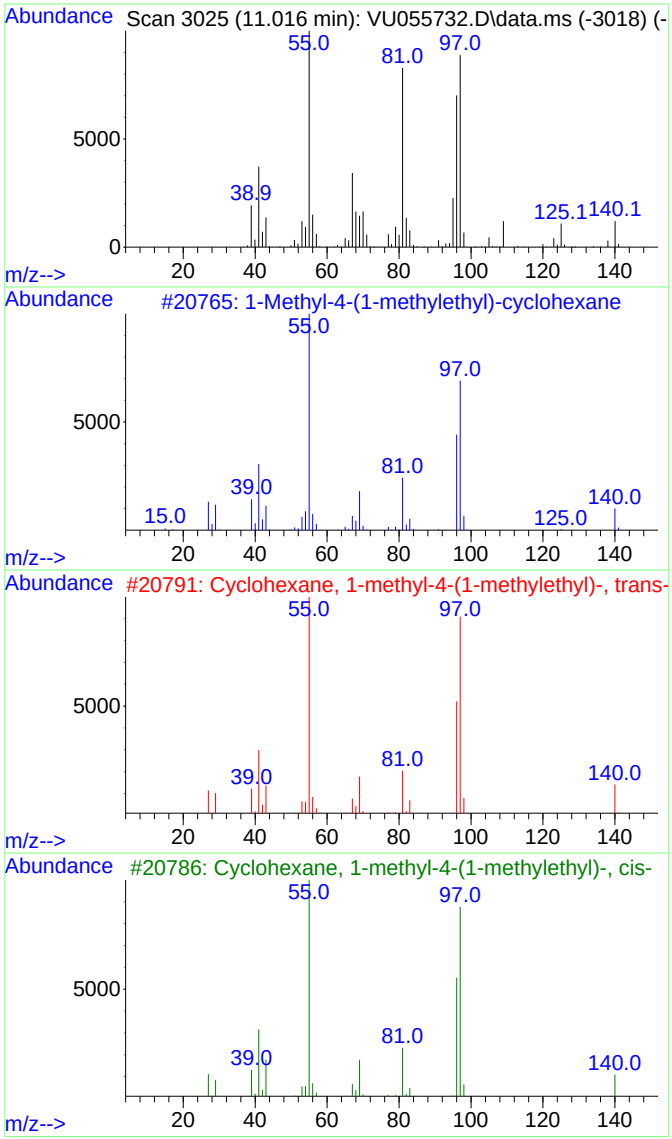
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

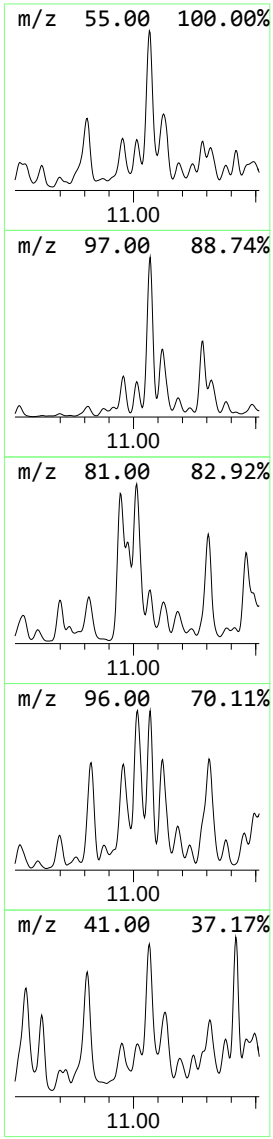
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Cyclic11.016 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.016	15.54 ug/L	7849530	1,4-Dichlorobenzene-d4	11.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	46
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	46
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	46
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	46
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

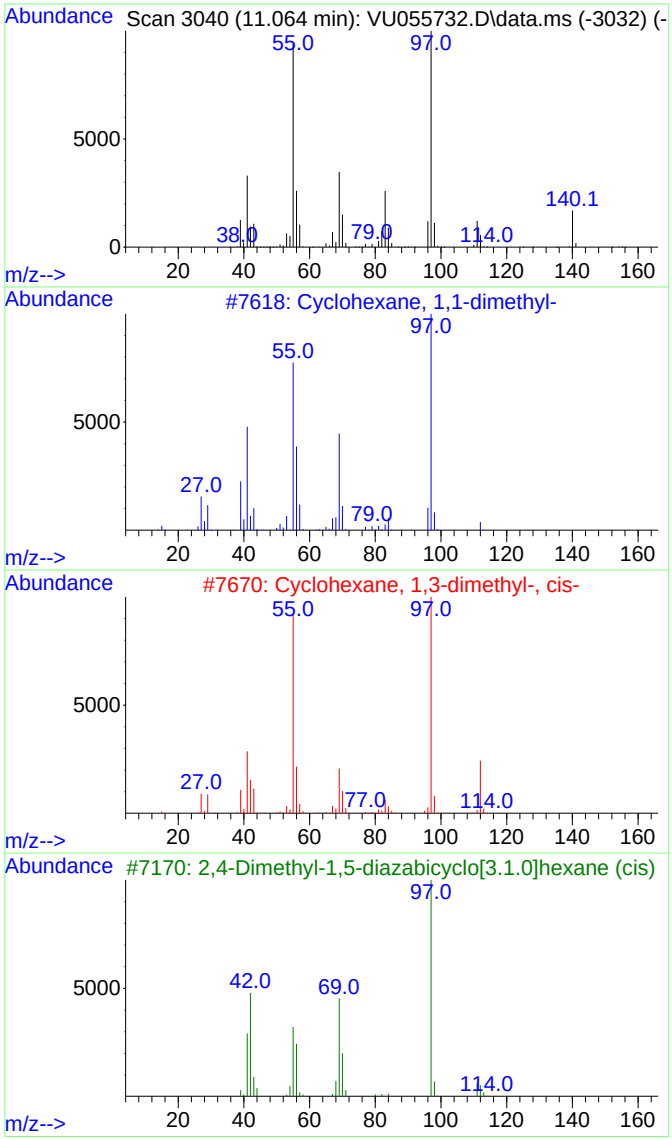
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

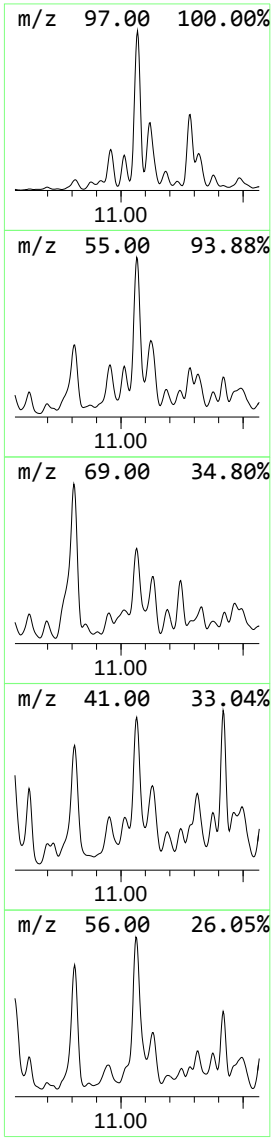
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Cyclic11.065 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.065	55.74 ug/L	28162100	1,4-Dichlorobenzene-d4	11.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	58
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	53
3	2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	100463-01-2	52
4	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	52
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

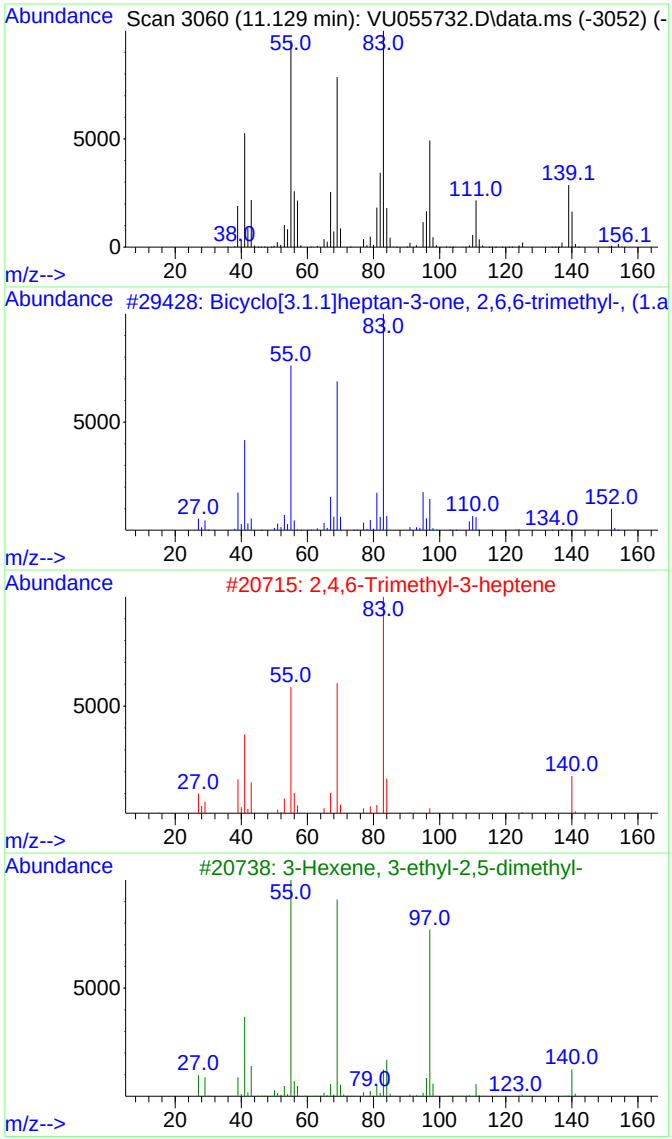
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

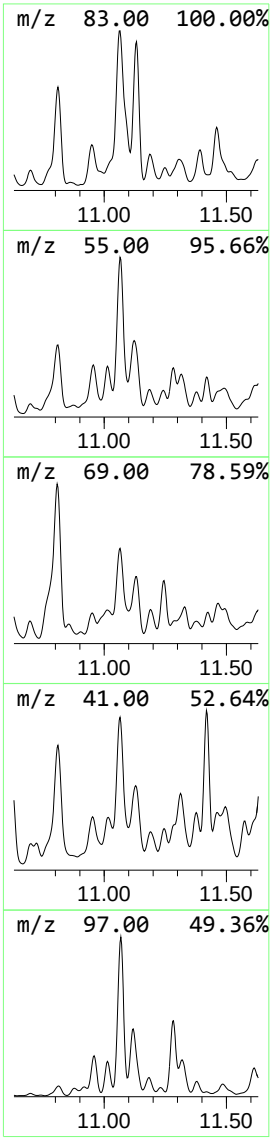
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Bicyclo[3.1.1]heptan-3-one,... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.129	35.71 ug/L	18041000	1,4-Dichlorobenzene-d4	11.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	52
2	2,4,6-Trimethyl-3-heptene	140	C10H20	1000113-56-9	47
3	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	43
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	38
5	Oxalic acid, 1-menthyl nonyl ester	354	C21H38O4	1000314-97-7	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

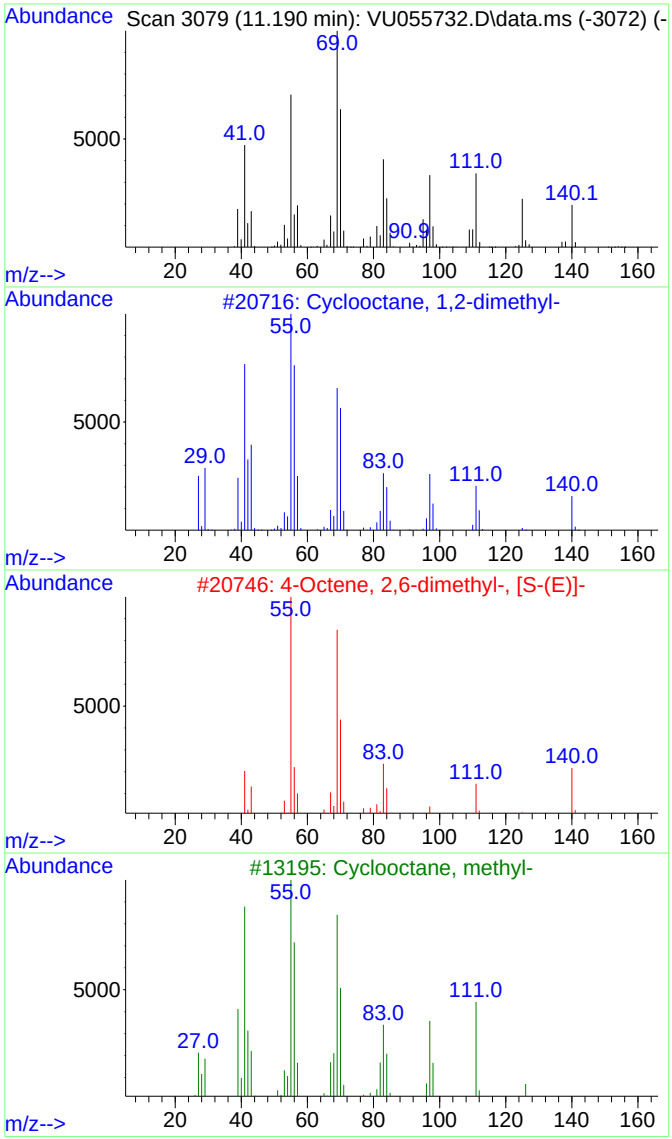
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

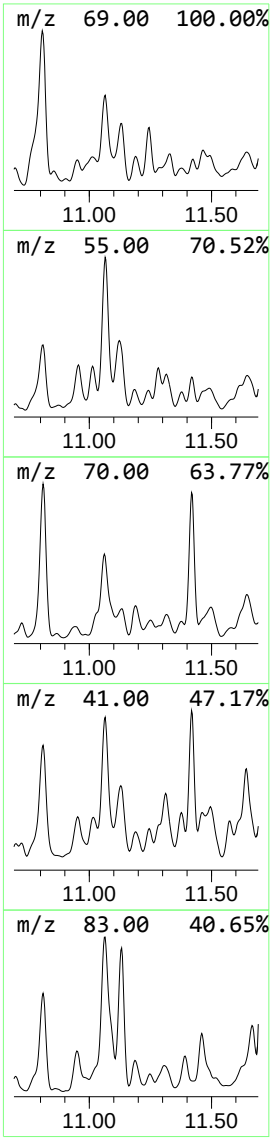
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Cyclic11.190 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.190	8.51 ug/L	4299510	1,4-Dichlorobenzene-d4	11.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	87
2	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	81
3	Cyclooctane, methyl-	126	C9H18	001502-38-1	68
4	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	64
5	Cyclopentanone, 2-methyl-3-(1-me...	140	C9H16O	054549-81-4	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

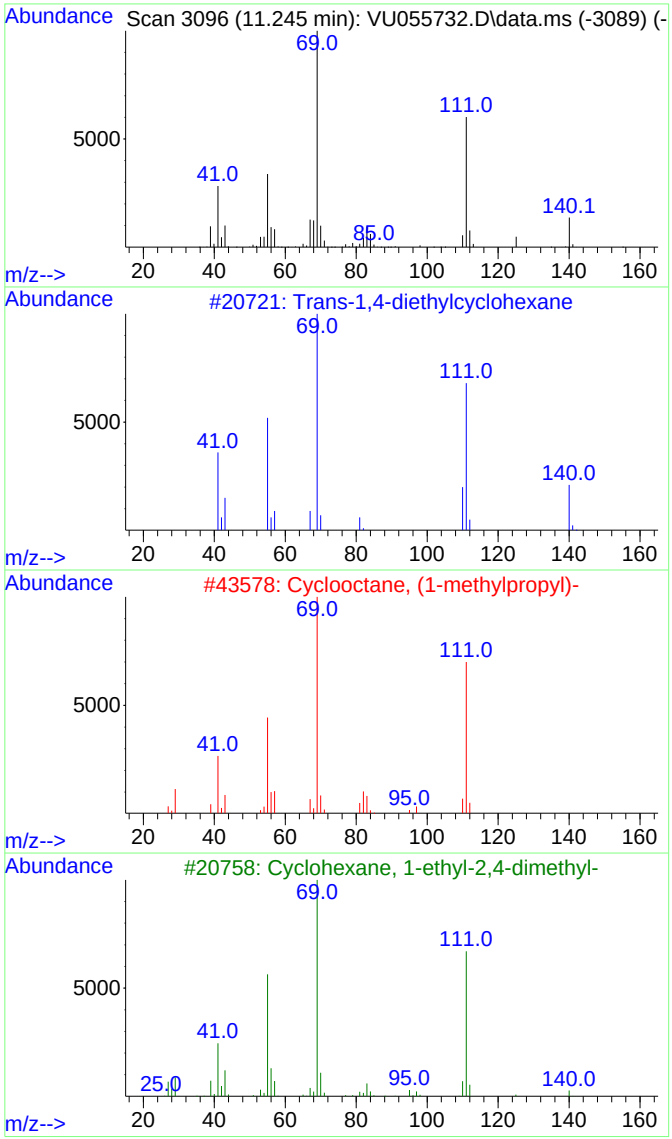
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

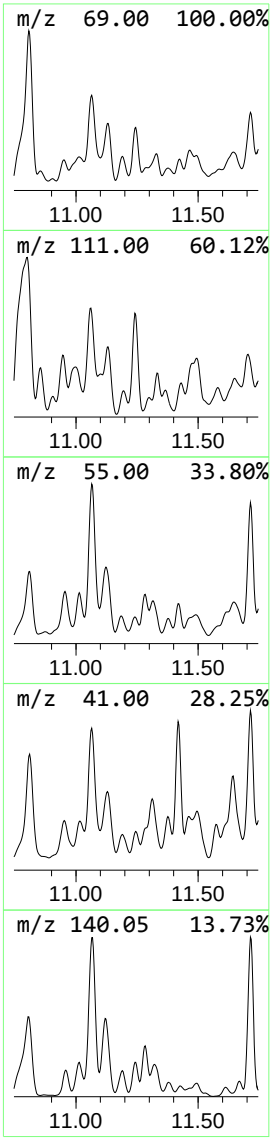
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Cyclic11.245 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.245	7.79 ug/L	3933690	1,4-Dichlorobenzene-d4	11.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	74
2	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	72
3	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	72
4	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	72
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

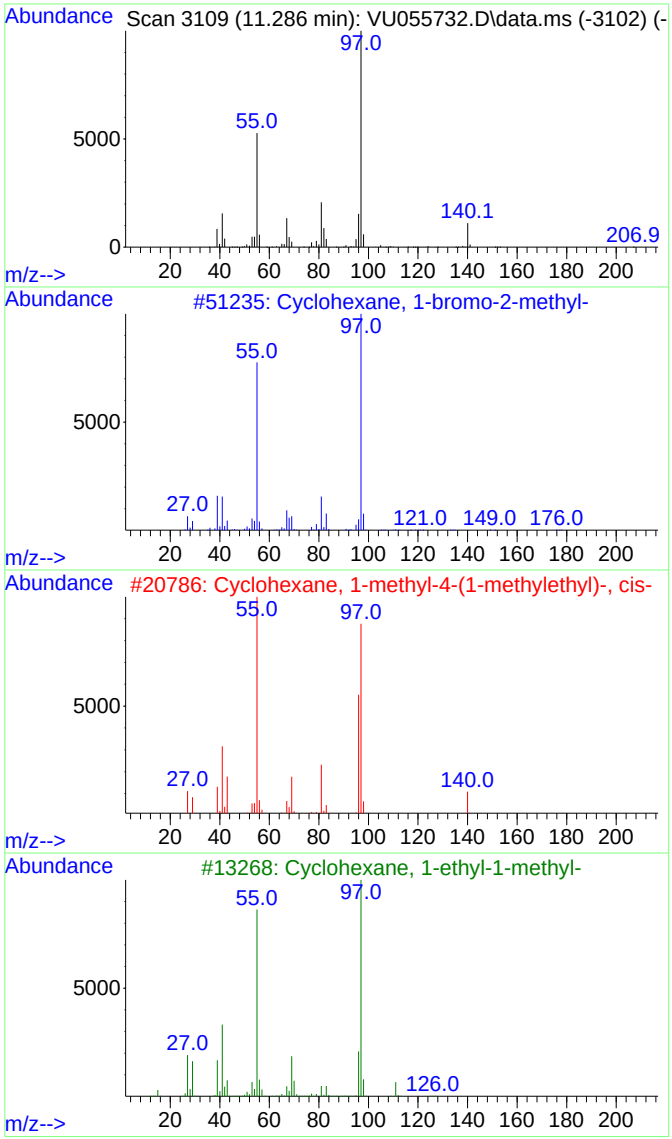
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

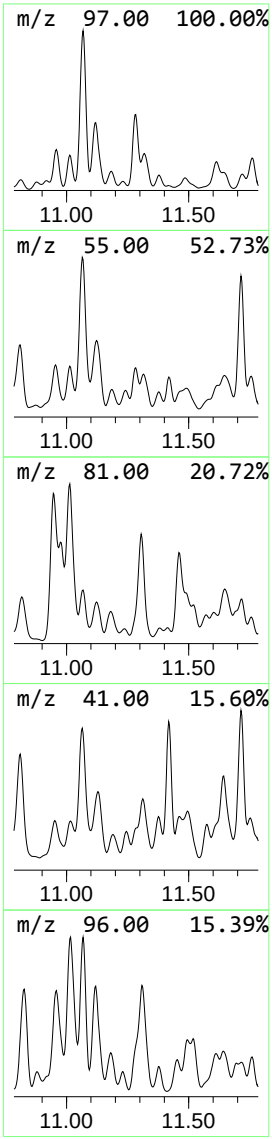
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Cyclohexane, 1-bromo-2-methyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	6.16 ug/L	3114100	1,4-Dichlorobenzene-d4	11.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	64
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	64
3	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	59
4	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	59
5	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

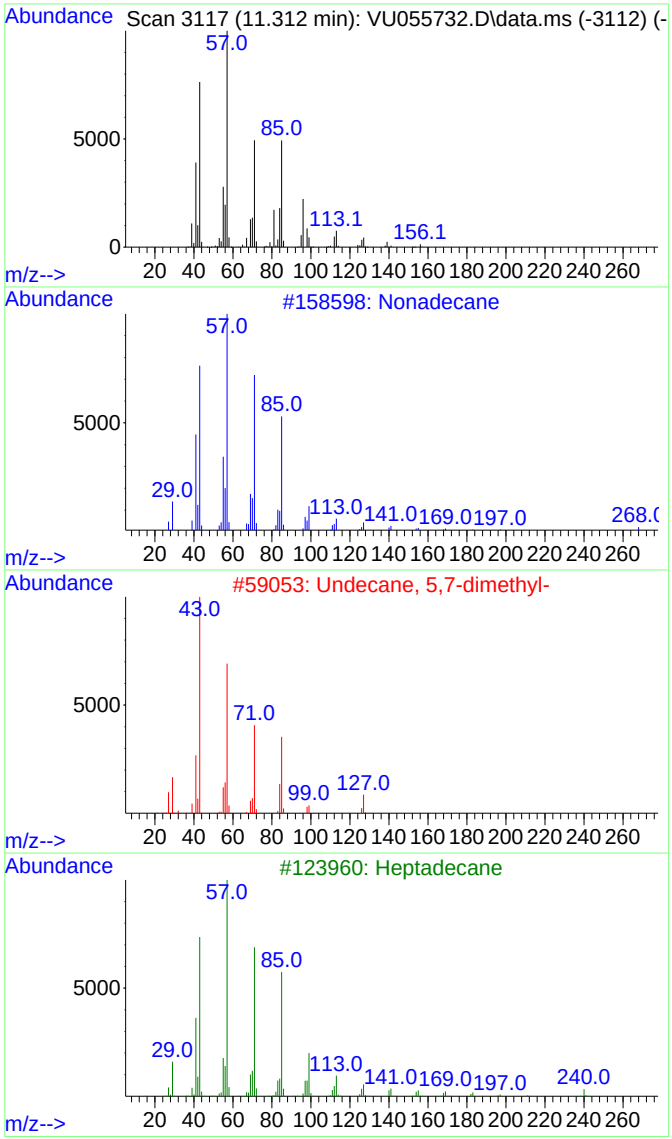
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

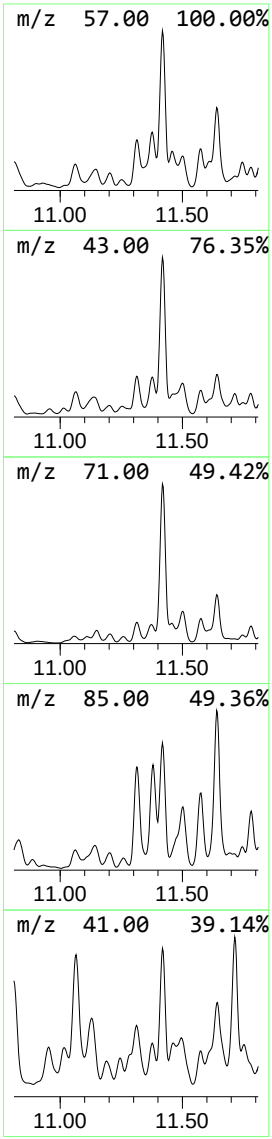
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.312	25.16 ug/L	12709600	1,4-Dichlorobenzene-d4	11.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	72
2	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	64
3	Heptadecane	240	C17H36	000629-78-7	59
4	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	59
5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

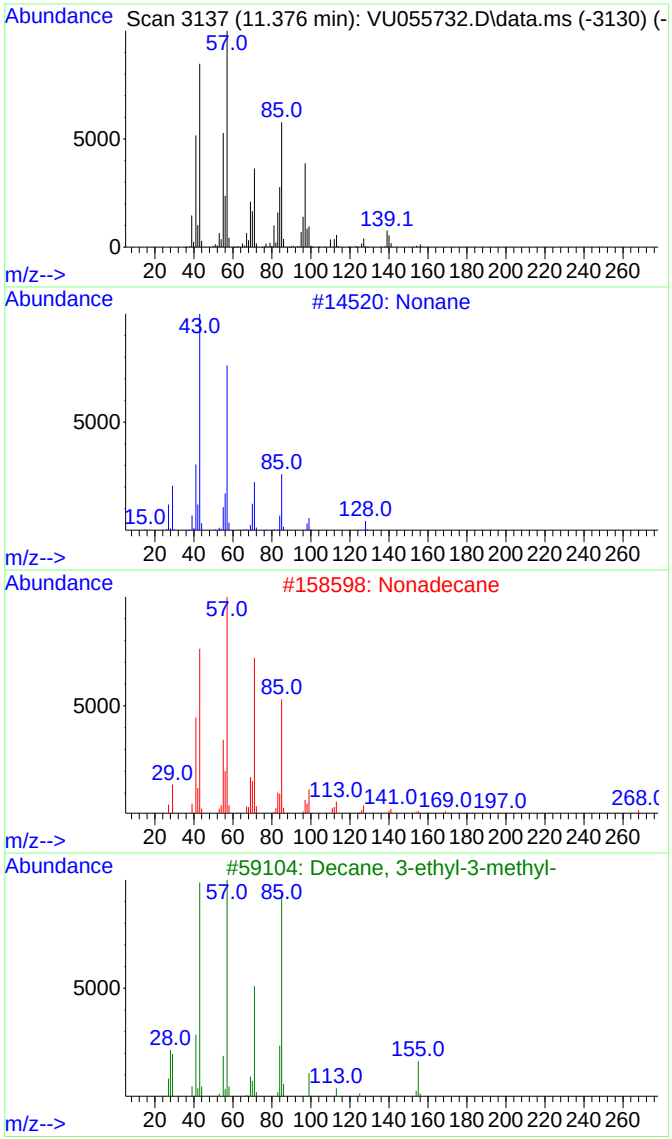
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

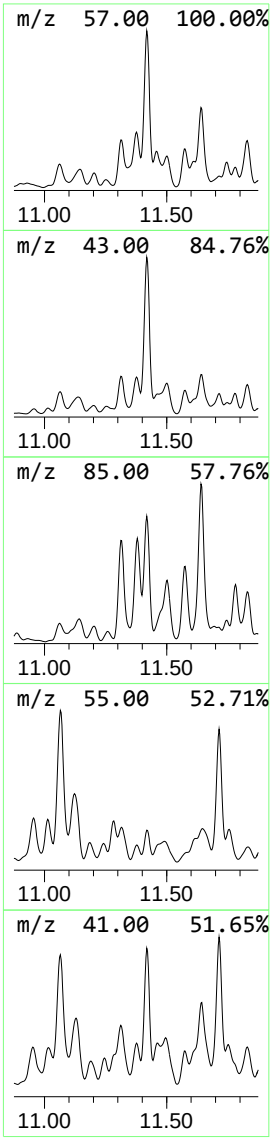
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.376	12.12 ug/L	6124140	1,4-Dichlorobenzene-d4	11.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	47
2	Nonadecane	268	C19H40	000629-92-5	43
3	Decane, 3-ethyl-3-methyl-	184	C13H28	017312-66-2	43
4	Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	38
5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

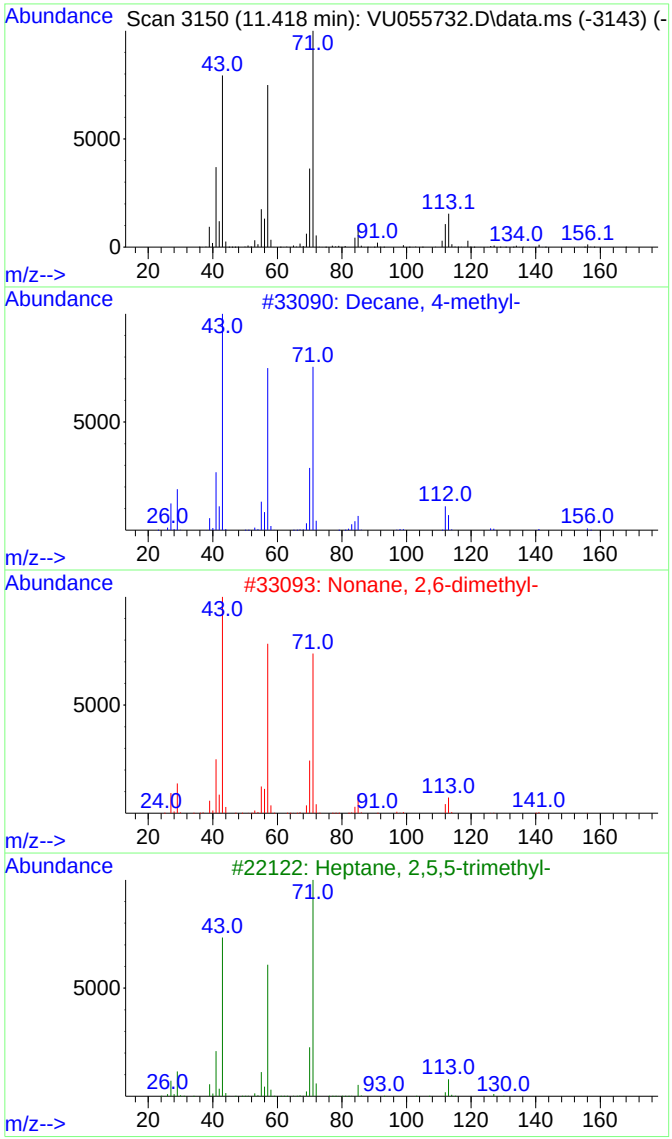
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

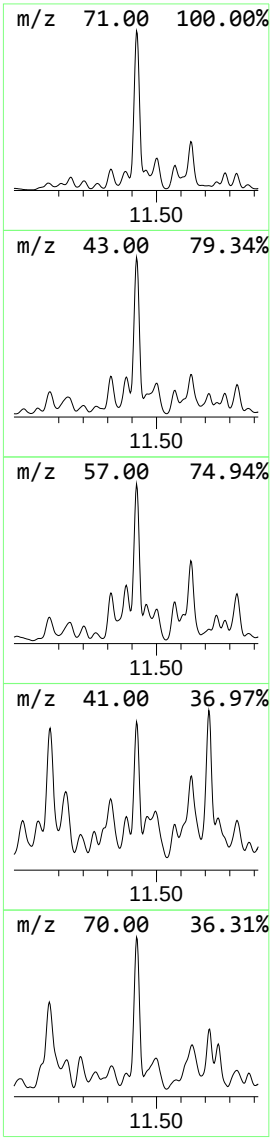
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.418	35.30 ug/L	17836900	1,4-Dichlorobenzene-d4	11.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	91
2	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	90
3	Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	78
4	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

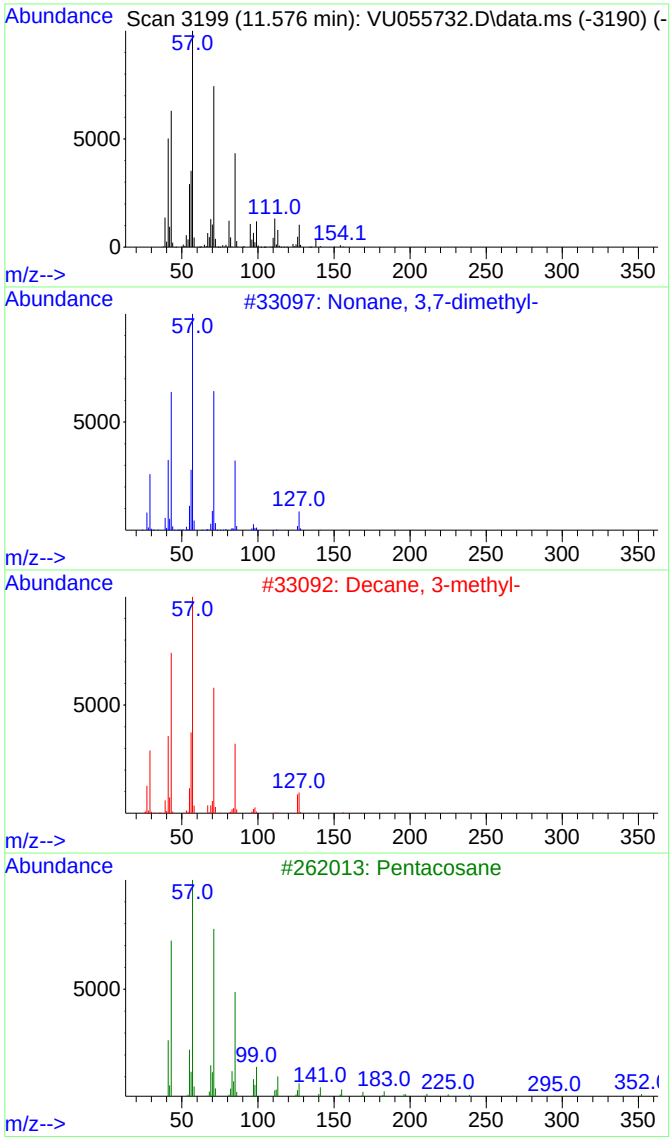
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

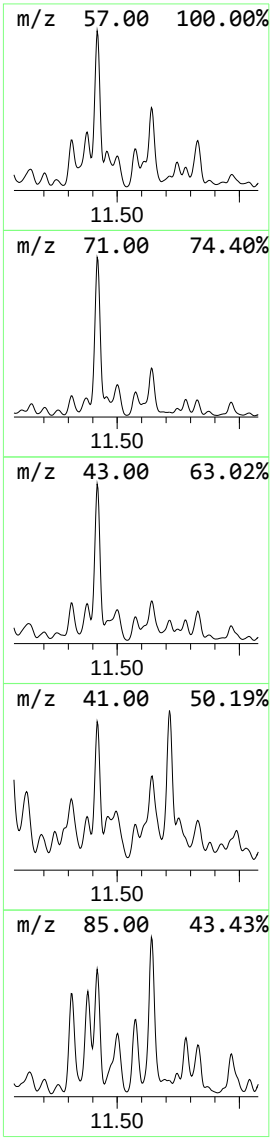
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.576	11.94 ug/L	6033870	1,4-Dichlorobenzene-d4	11.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	81
2	Decane, 3-methyl-	156	C11H24	013151-34-3	72
3	Pentacosane	352	C25H52	000629-99-2	72
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	64
5	Heptacosane	380	C27H56	000593-49-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

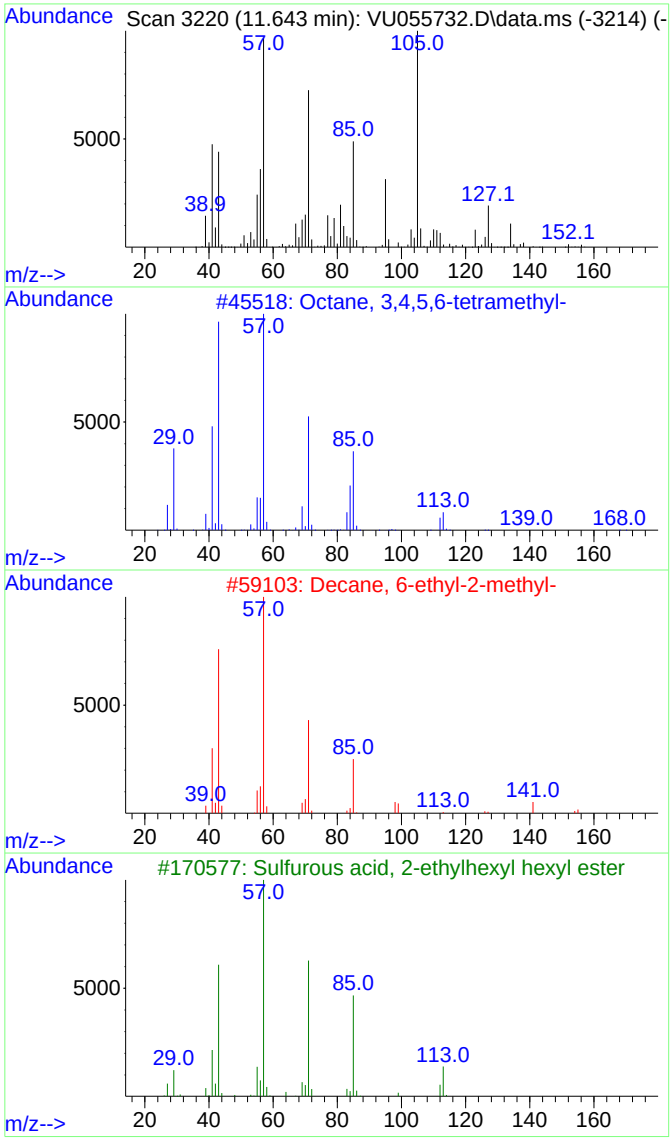
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

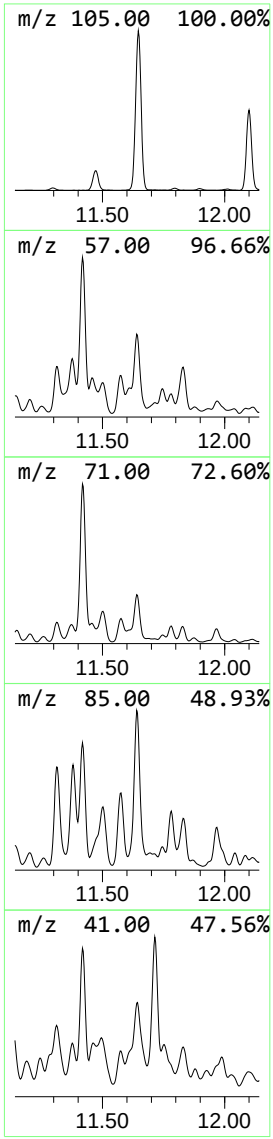
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.643	33.81 ug/L	17085000	1,4-Dichlorobenzene-d4	11.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	43
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	43
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	38
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	38
5	Decane, 3-methyl-	156	C11H24	013151-34-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

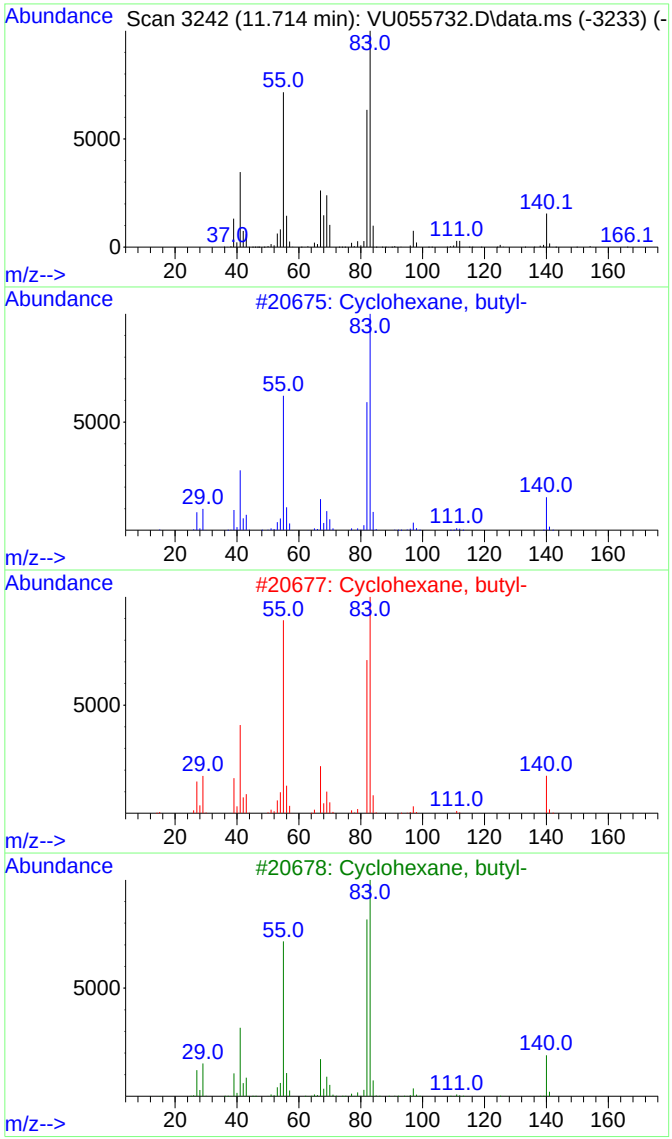
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

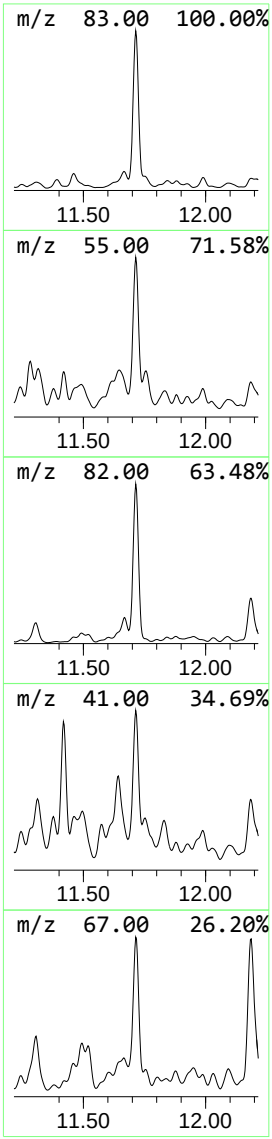
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 (DEL) Alkane: Cyclic11.714 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.714	50.00 ug/L	25262500	1,4-Dichlorobenzene-d4	11.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	83
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	72
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

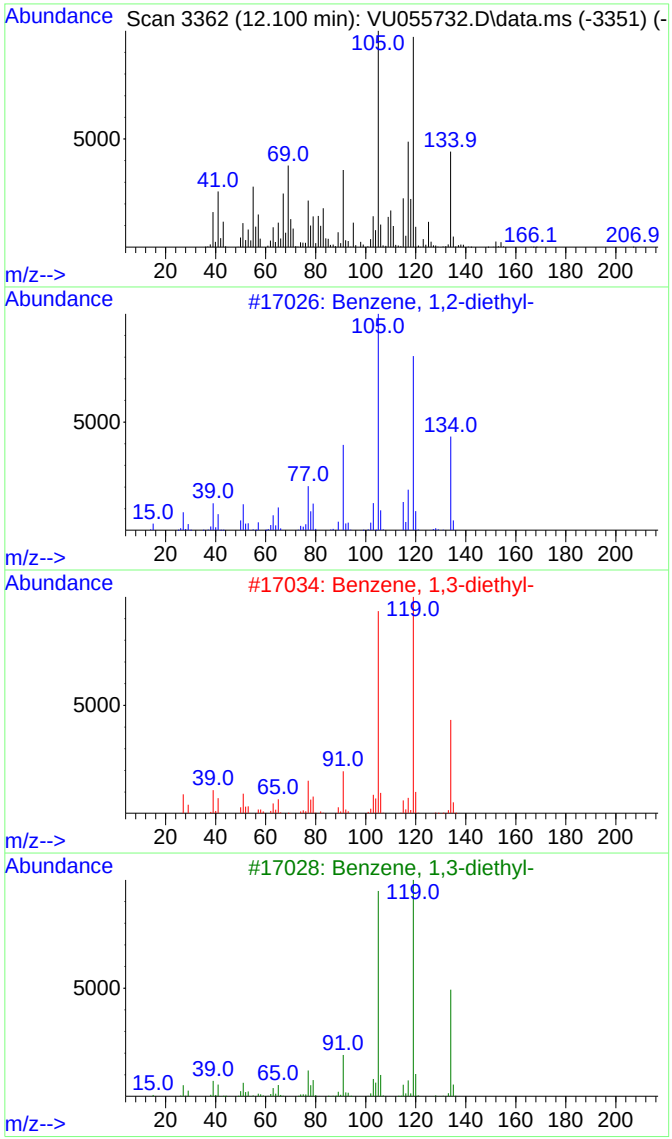
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

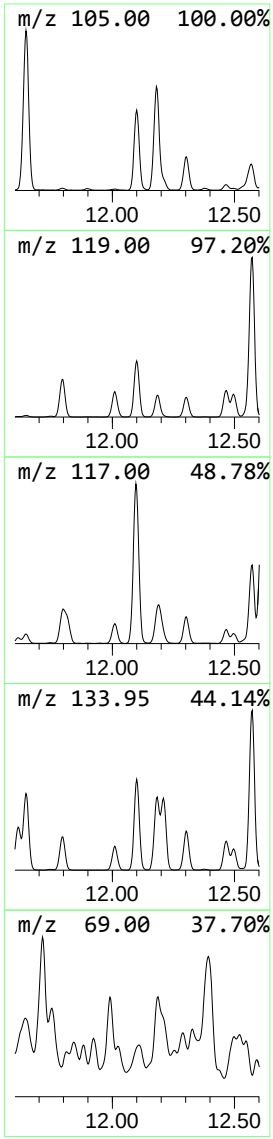
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 Benzene, 1,2-diethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.100	18.45 ug/L	9319420	1,4-Dichlorobenzene-d4	11.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	55
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	55
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	55
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

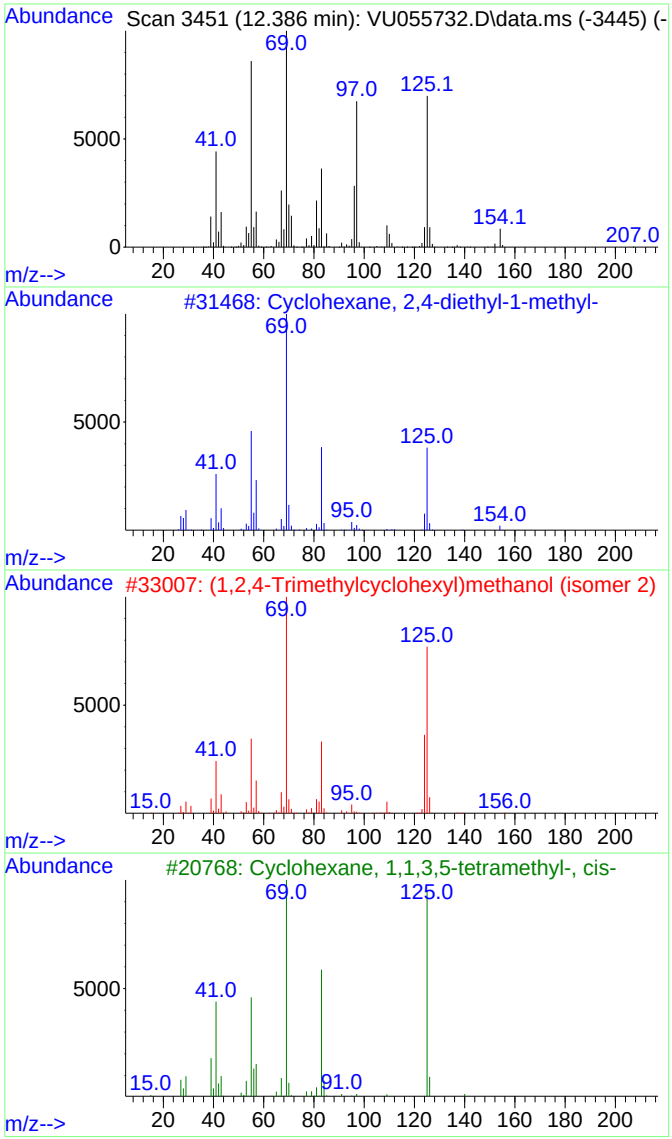
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

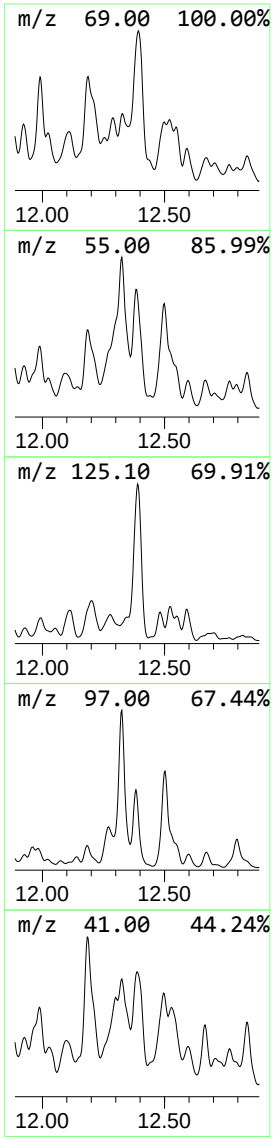
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 (DEL) Alkane: Cyclic12.386 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	27.56 ug/L	13924800	1,4-Dichlorobenzene-d4	11.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	49
2	(1,2,4-Trimethylcyclohexyl)metha...	156	C10H20O	1000499-03-9	47
3	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	47
4	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	47
5	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

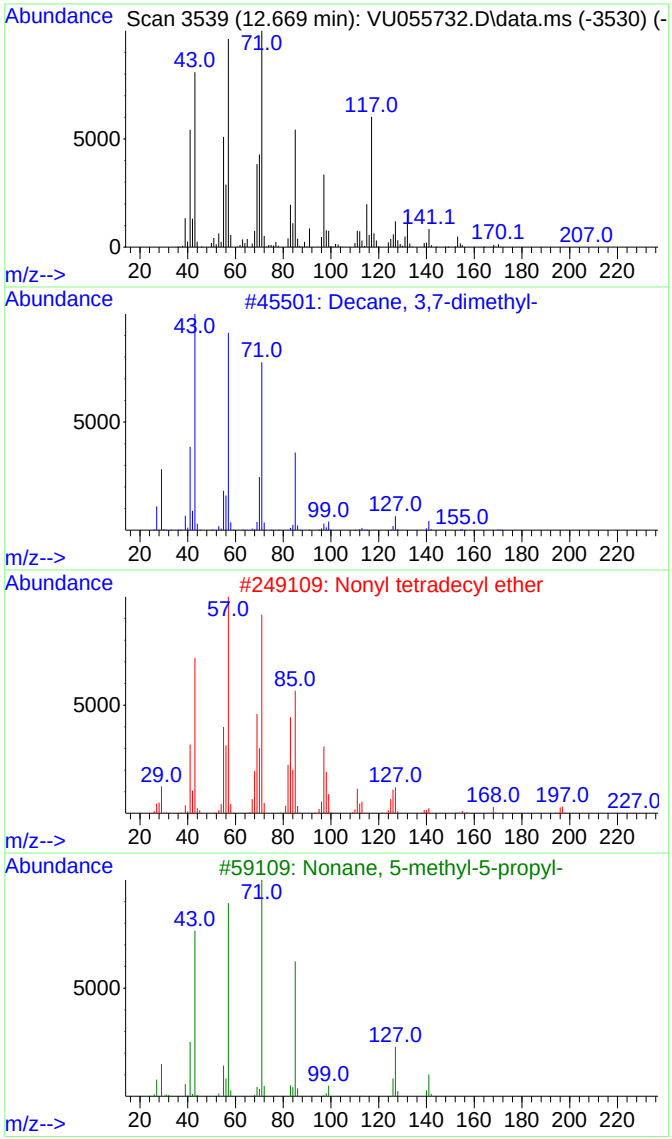
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

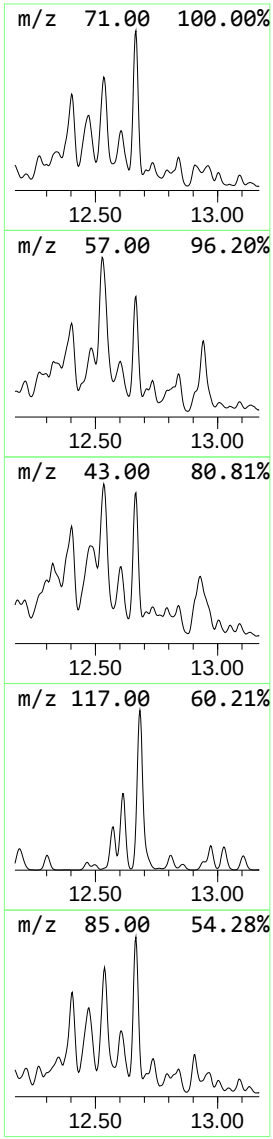
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.669	11.73 ug/L	5927360	1,4-Dichlorobenzene-d4	11.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	55
2	Nonyl tetradecyl ether	340	C23H48O	1000406-37-6	46
3	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	38
4	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	30
5	1-Decene, 4-methyl-	154	C11H22	013151-29-6	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

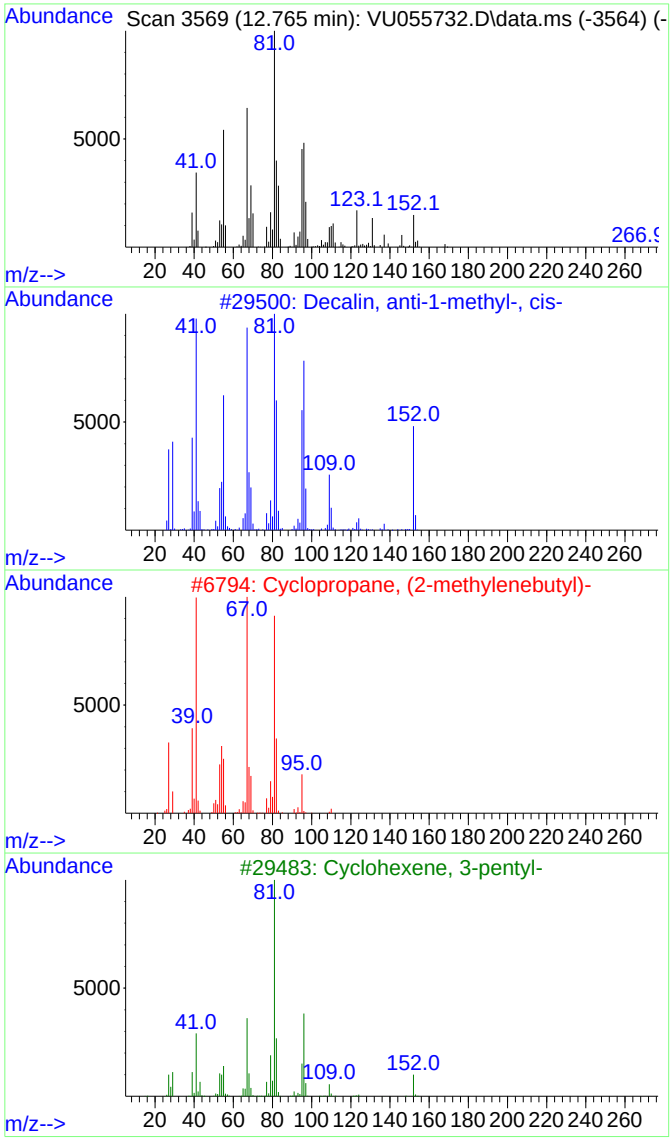
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

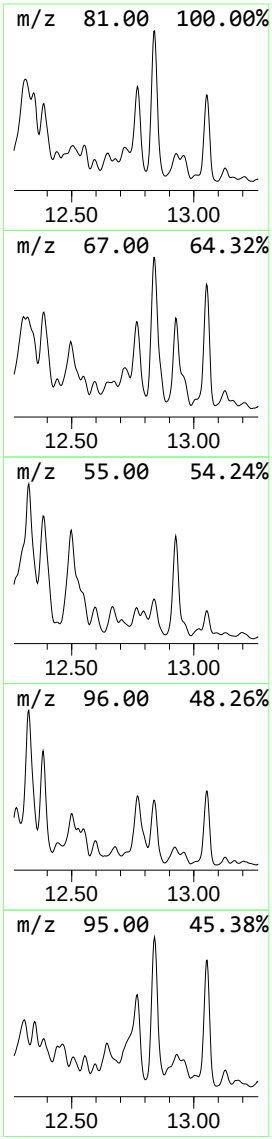
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 Decalin, anti-1-methyl-, cis- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.765	4.53 ug/L	2290770	1,4-Dichlorobenzene-d4	11.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	60
2	Cyclopropane, (2-methylenebutyl)-	110	C8H14	074685-56-6	60
3	Cyclohexene, 3-pentyl-	152	C11H20	015232-92-5	60
4	Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	53
5	8-Oxabicyclo[3.2.1]oct-6-en-3-on...	152	C9H12O2	049747-05-9	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

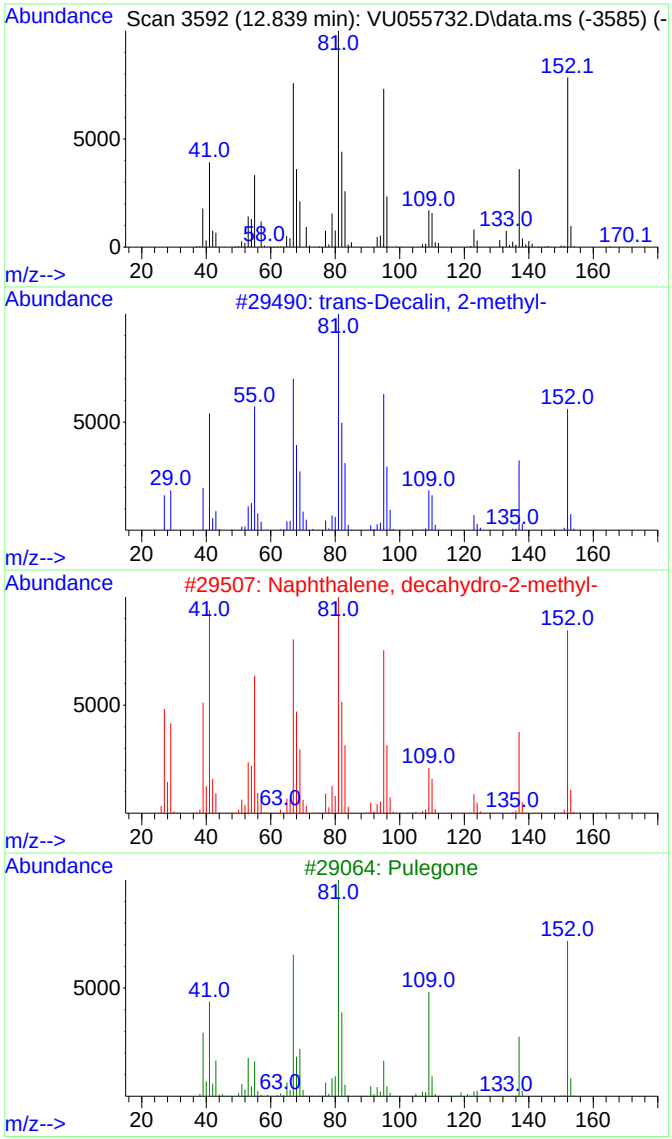
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

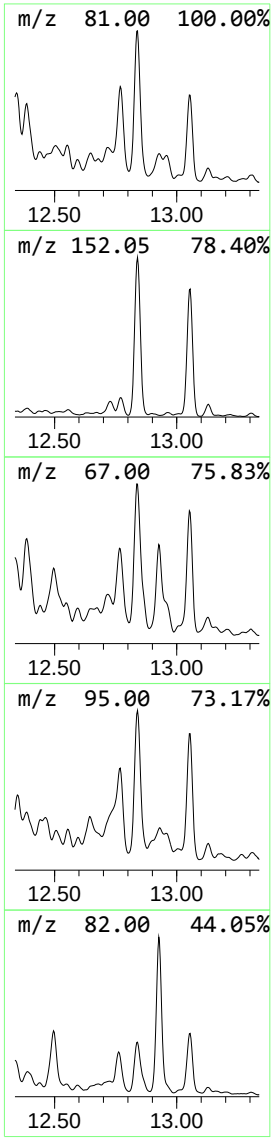
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 trans-Decalin, 2-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.839	20.84 ug/L	10529000	1,4-Dichlorobenzene-d4	11.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	97
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
3	Pulegone	152	C10H16O	000089-82-7	76
4	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	70
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

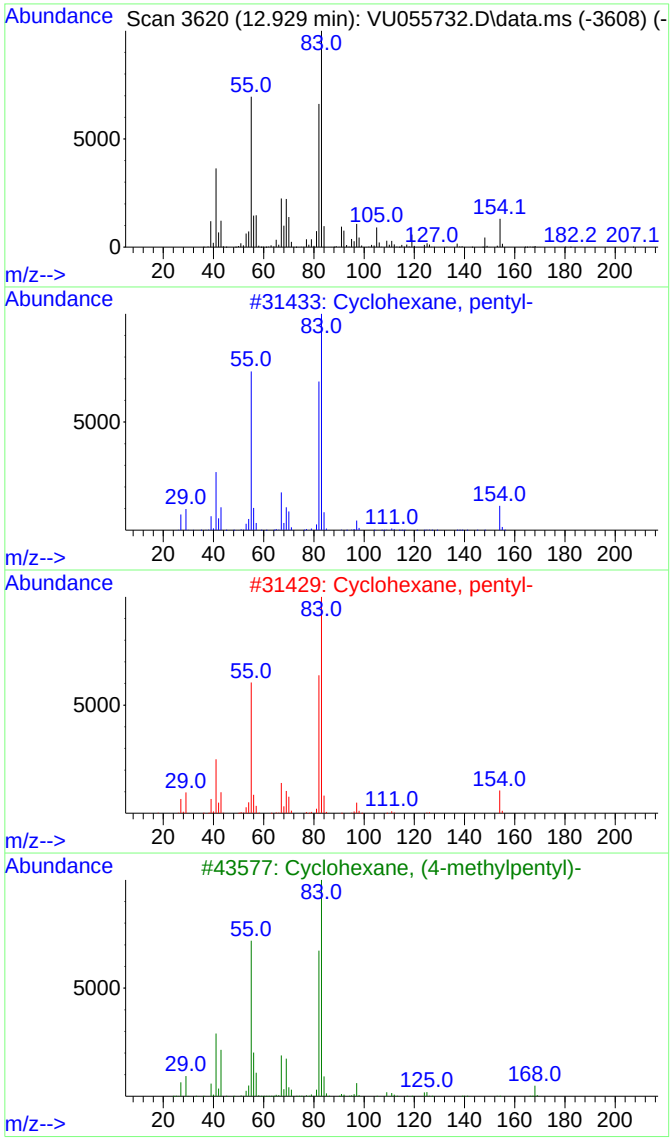
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

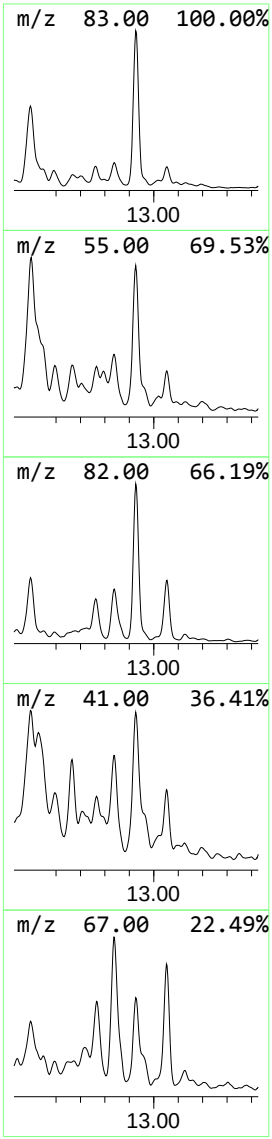
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 (DEL) Alkane: Cyclic12.929 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.929	22.51 ug/L	11375600	1,4-Dichlorobenzene-d4	11.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	81
3	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	74
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	64
5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

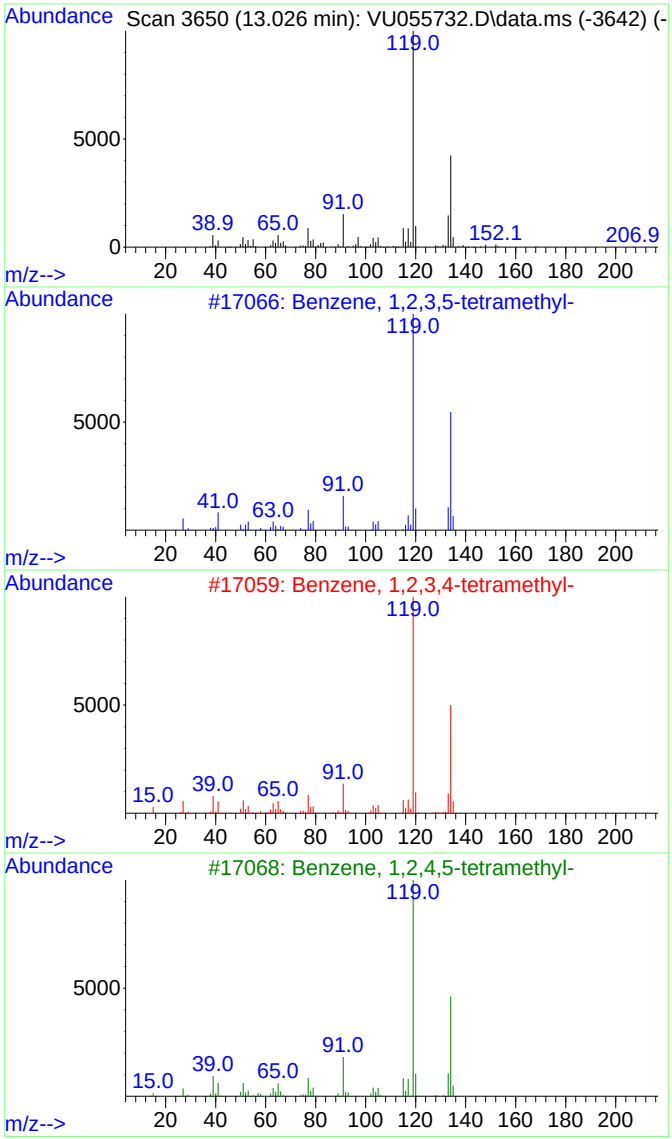
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

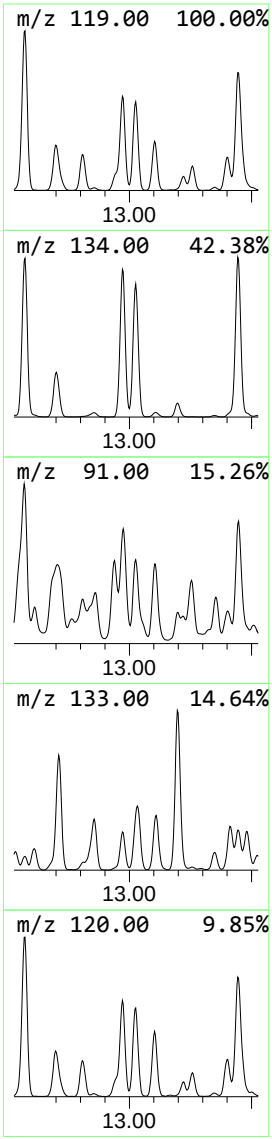
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.026	5.71 ug/L	2883470	1,4-Dichlorobenzene-d4	11.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

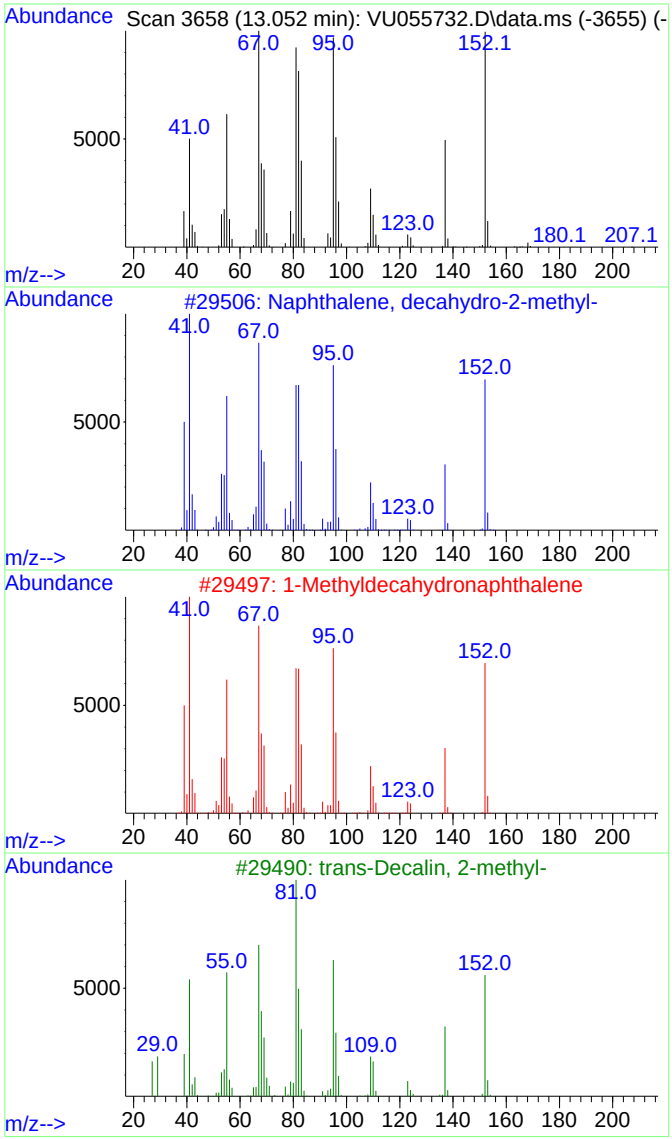
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

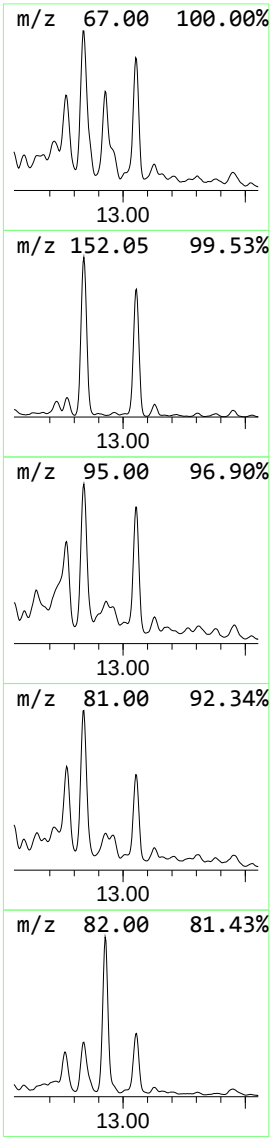
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 Naphthalene, decahydro-2-me... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.052	8.02 ug/L	4053730	1,4-Dichlorobenzene-d4	11.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
2	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	95
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	90
4	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	76
5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

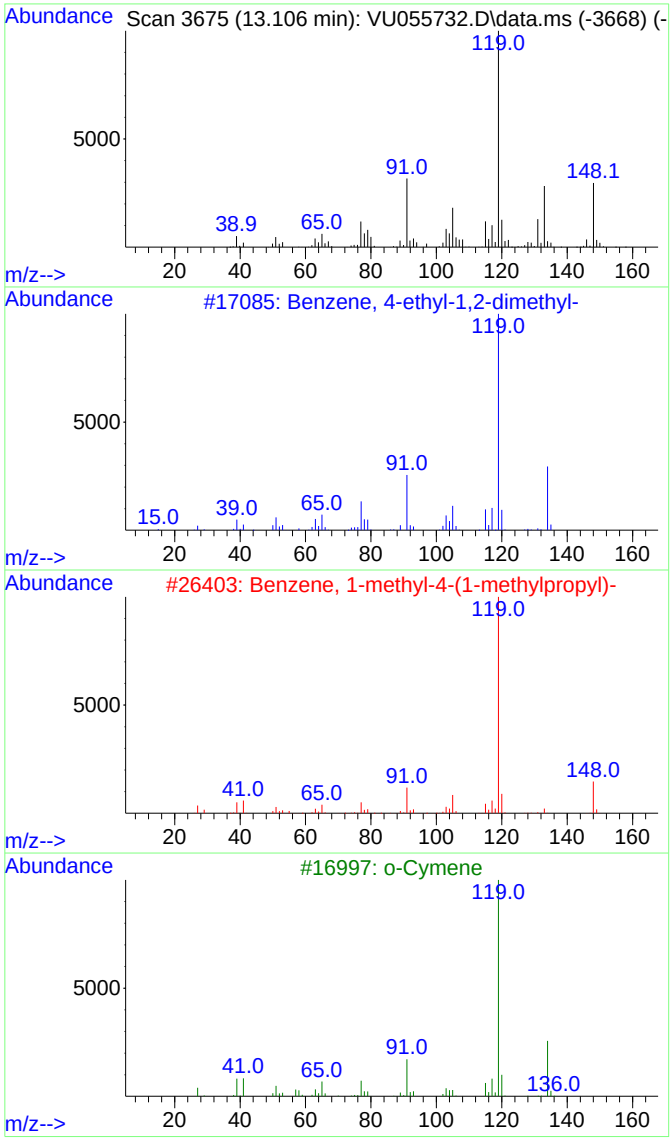
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

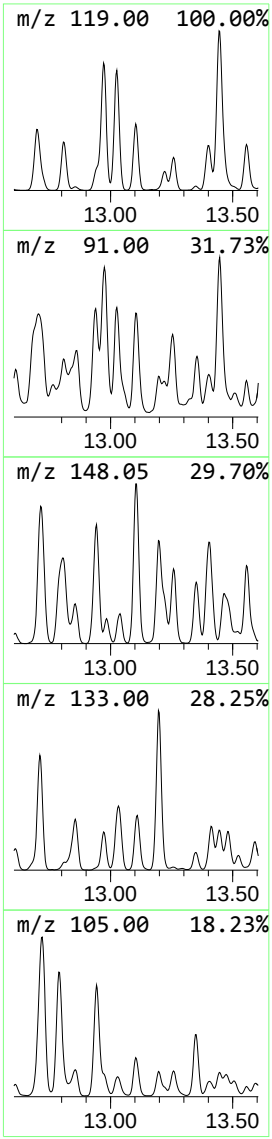
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.106	6.64 ug/L	3354290	1,4-Dichlorobenzene-d4	11.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	83
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	76
3	o-Cymene	134	C10H14	000527-84-4	64
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

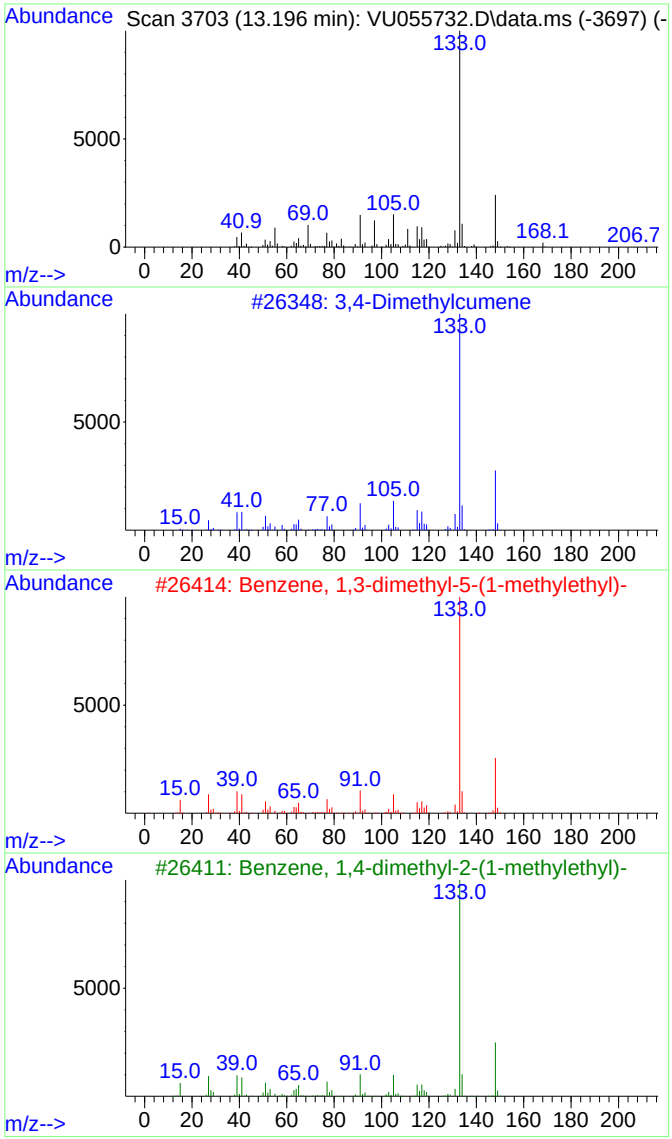
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

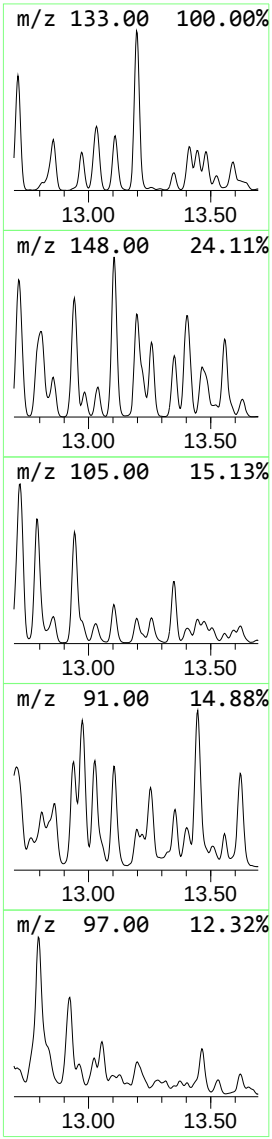
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 3,4-Dimethylcumene Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.196	3.09 ug/L	1559900	1,4-Dichlorobenzene-d4	11.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcumene	148	C11H16	1000370-34-1	95
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	93
3	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	90
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	90
5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

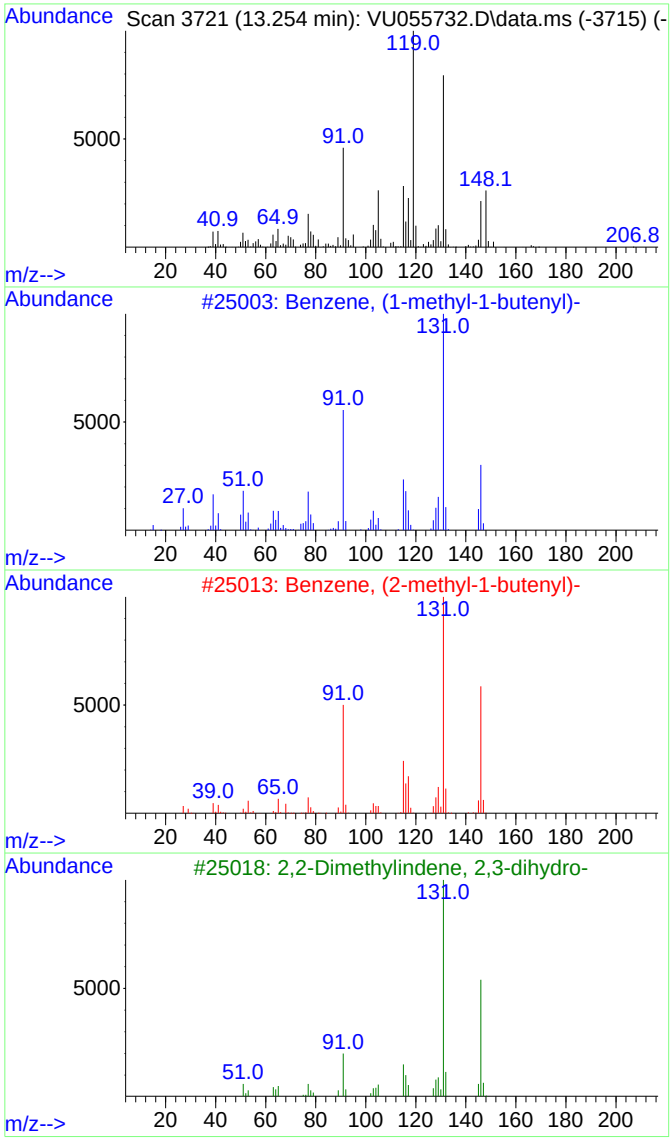
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

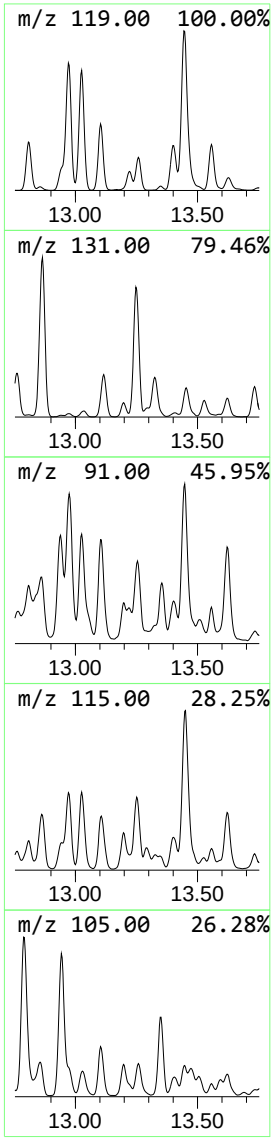
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 Benzene, (1-methyl-1-butenyl)- Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.254	2.75 ug/L	1388200	1,4-Dichlorobenzene-d4	11.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	62
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	50
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	46
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	46
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

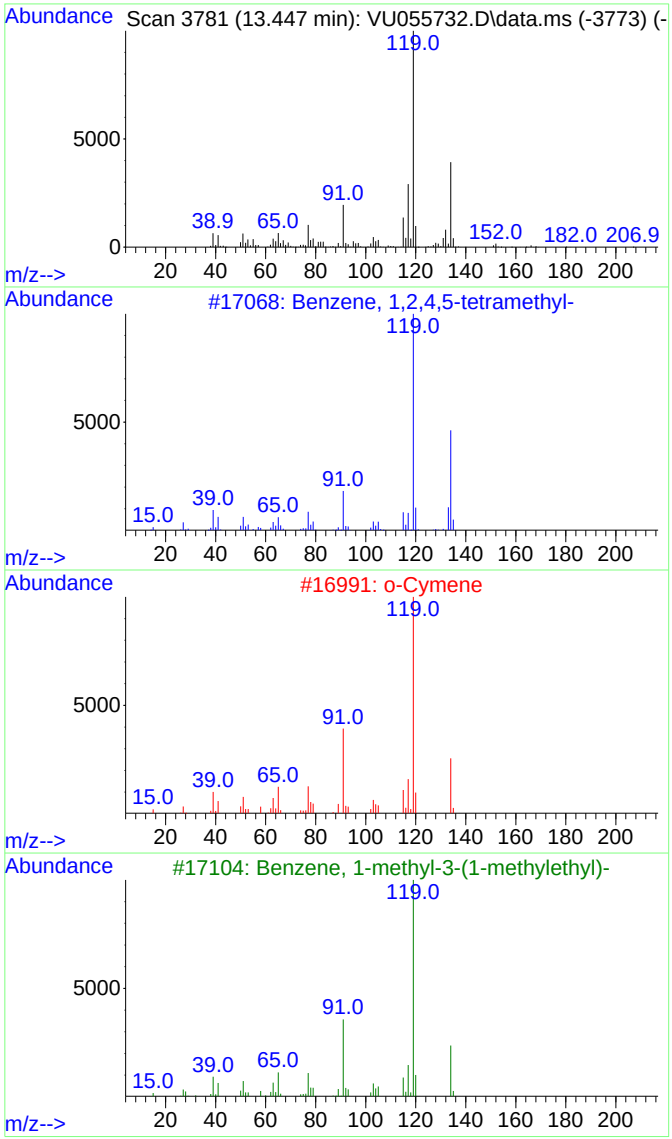
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

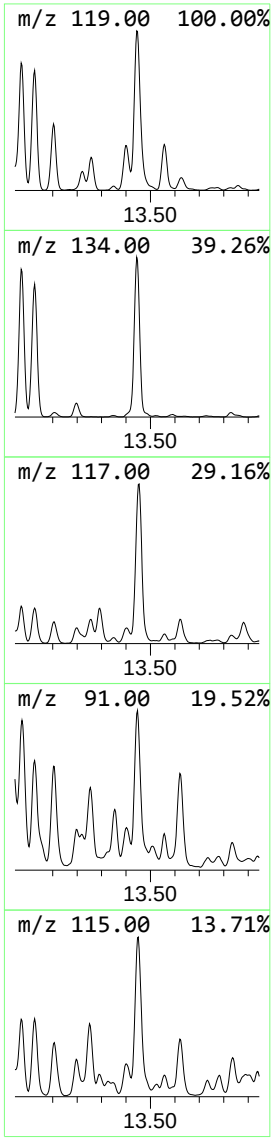
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.447	14.34 ug/L	7243160	1,4-Dichlorobenzene-d4	11.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
2	o-Cymene	134	C10H14	000527-84-4	87
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	83
5	p-Cymene	134	C10H14	000099-87-6	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

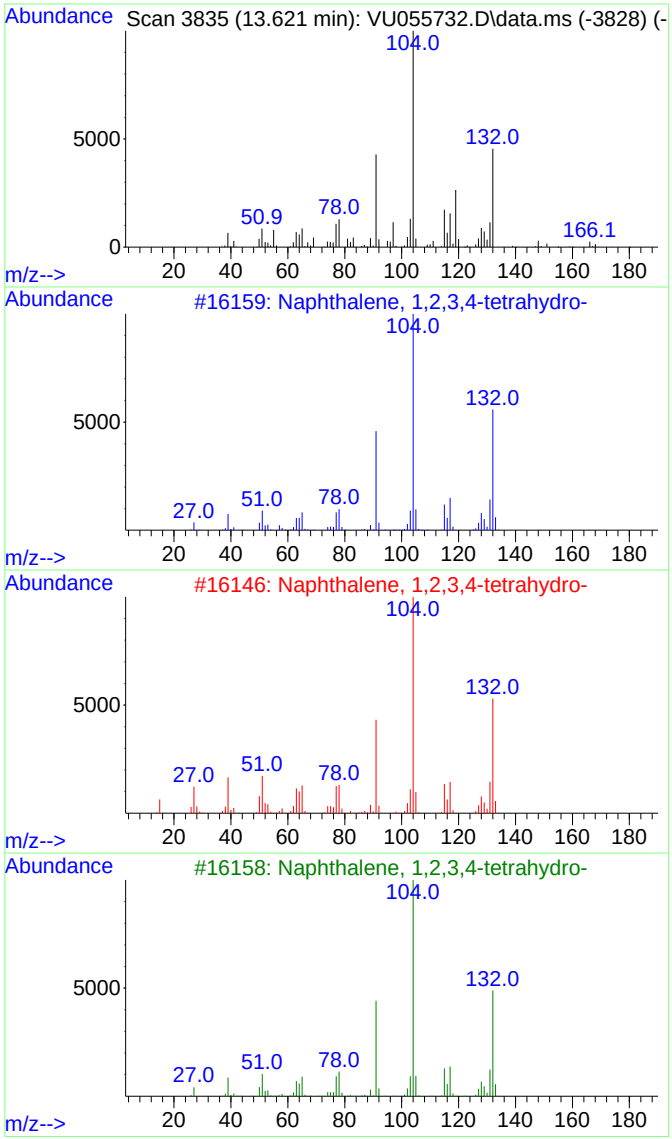
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

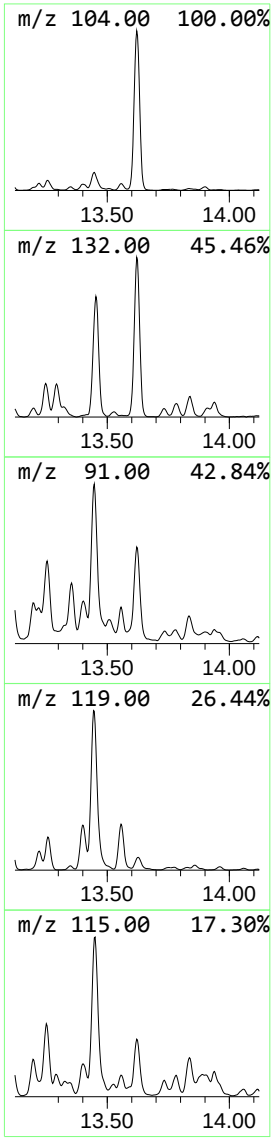
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.621	6.38 ug/L	3223670	1,4-Dichlorobenzene-d4	11.817

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	89
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055732.D
Acq On : 10 Oct 2023 19:38
Operator : MD/SY
Sample : 04747-03
Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX836

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.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	1.792	4.7	ug/L	110458	1	6.245	1166730	50.0
(DEL) Alkane: C...	7.065	2.6	ug/L	61415	1	6.245	1166730	50.0
(DEL) Alkane: C...	7.229	3.8	ug/L	89409	1	6.245	1166730	50.0
(DEL) Alkane: C...	7.746	3.7	ug/L	87043	1	6.245	1166730	50.0
(DEL) Alkane: C...	8.020	9.4	ug/L	252040	2	9.421	1345580	50.0
(DEL) Alkane: C...	8.090	10.3	ug/L	277191	2	9.421	1345580	50.0
(DEL) Alkane: C...	8.235	48.9	ug/L	1316950	2	9.421	1345580	50.0
(DEL) Alkane: C...	8.364	15.2	ug/L	410167	2	9.421	1345580	50.0
(DEL) Alkane: S...	8.428	6.4	ug/L	172035	2	9.421	1345580	50.0
(DEL) Alkane: S...	8.467	6.1	ug/L	164139	2	9.421	1345580	50.0
(DEL) Alkane: S...	8.756	37.5	ug/L	1009500	2	9.421	1345580	50.0
(DEL) Alkane: C...	8.798	36.4	ug/L	979180	2	9.421	1345580	50.0
(DEL) Alkane: C...	8.862	83.4	ug/L	2243410	2	9.421	1345580	50.0
(DEL) Alkane: C...	8.920	219.0	ug/L	5893200	2	9.421	1345580	50.0
(DEL) Alkane: C...	9.068	67.7	ug/L	1822970	2	9.421	1345580	50.0
(DEL) Alkane: S...	9.116	86.0	ug/L	2313270	2	9.421	1345580	50.0
(DEL) Alkane: C...	9.161	189.9	ug/L	5110540	2	9.421	1345580	50.0
(DEL) Alkane: S...	9.331	140.8	ug/L	3789710	2	9.421	1345580	50.0
(DEL) Alkane: S...	9.473	15.7	ug/L	422738	2	9.421	1345580	50.0
(DEL) Alkane: C...	9.560	147.6	ug/L	3972200	2	9.421	1345580	50.0
(DEL) Alkane: S...	9.663	340.8	ug/L	9170990	2	9.421	1345580	50.0
(DEL) Alkane: C...	9.714	375.2	ug/L	10096400	2	9.421	1345580	50.0
(DEL) Alkane: C...	9.759	321.2	ug/L	8644530	2	9.421	1345580	50.0
(DEL) Alkane: C...	9.875	176.3	ug/L	4745240	2	9.421	1345580	50.0
(DEL) Alkane: S...	9.952	55.4	ug/L	1491580	2	9.421	1345580	50.0
(DEL) Alkane: C...	10.026	884.6	ug/L	23806900	2	9.421	1345580	50.0
(DEL) Alkane: S...	10.119	215.0	ug/L	5786230	2	9.421	1345580	50.0
(DEL) Alkane: S...	10.254	1611.2	ug/L	43360700	2	9.421	1345580	50.0
(DEL) Alkane: S...	10.319	151.7	ug/L	4082430	2	9.421	1345580	50.0
(DEL) Alkane: C...	10.357	1207.1	ug/L	32485200	2	9.421	1345580	50.0
(DEL) Alkane: S...	10.396	1088.7	ug/L	29298800	2	9.421	1345580	50.0
Oxalic acid, is...	10.560	918.8	ug/L	24725800	2	9.421	1345580	50.0
(DEL) Alkane: S...	10.624	28.4	ug/L	14363600	3	11.817	25262500	50.0
3-Octadecyne	10.698	12.3	ug/L	6206670	3	11.817	25262500	50.0
Benzene, propyl-	10.910	4.3	ug/L	2173850	3	11.817	25262500	50.0
(DEL) Alkane: C...	10.952	17.9	ug/L	9058340	3	11.817	25262500	50.0
(DEL) Alkane: C...	11.016	15.5	ug/L	7849530	3	11.817	25262500	50.0
(DEL) Alkane: C...	11.065	55.7	ug/L	28162100	3	11.817	25262500	50.0
Bicyclo[3.1.1]h...	11.129	35.7	ug/L	18041000	3	11.817	25262500	50.0
(DEL) Alkane: C...	11.190	8.5	ug/L	4299510	3	11.817	25262500	50.0
(DEL) Alkane: C...	11.245	7.8	ug/L	3933690	3	11.817	25262500	50.0
Cyclohexane, 1-...	11.286	6.2	ug/L	3114100	3	11.817	25262500	50.0
(DEL) Alkane: S...	11.312	25.2	ug/L	12709600	3	11.817	25262500	50.0
(DEL) Alkane: S...	11.376	12.1	ug/L	6124140	3	11.817	25262500	50.0
(DEL) Alkane: S...	11.418	35.3	ug/L	17836900	3	11.817	25262500	50.0
(DEL) Alkane: S...	11.576	11.9	ug/L	6033870	3	11.817	25262500	50.0
(DEL) Alkane: S...	11.643	33.8	ug/L	17085000	3	11.817	25262500	50.0
(DEL) Alkane: C...	11.714	50.0	ug/L	25262500	3	11.817	25262500	50.0
Benzene, 1,2-di...	12.100	18.4	ug/L	9319420	3	11.817	25262500	50.0
(DEL) Alkane: C...	12.386	27.6	ug/L	13924800	3	11.817	25262500	50.0
(DEL) Alkane: S...	12.669	11.7	ug/L	5927360	3	11.817	25262500	50.0
Decalin, anti-1...	12.765	4.5	ug/L	2290770	3	11.817	25262500	50.0

trans-Decalin, ...	12.839	20.8	ug/L	10529000	3	11.817	25262500	50.0
(DEL) Alkane: C...	12.929	22.5	ug/L	11375600	3	11.817	25262500	50.0
Benzene, 1,2,3,...	13.026	5.7	ug/L	2883470	3	11.817	25262500	50.0
Naphthalene, de...	13.052	8.0	ug/L	4053730	3	11.817	25262500	50.0
Benzene, 4-ethy...	13.106	6.6	ug/L	3354290	3	11.817	25262500	50.0
3,4-Dimethylcumene	13.196	3.1	ug/L	1559900	3	11.817	25262500	50.0
Benzene, (1-met...	13.254	2.8	ug/L	1388200	3	11.817	25262500	50.0
Benzene, 1,2,4,...	13.447	14.3	ug/L	7243160	3	11.817	25262500	50.0
Naphthalene, 1,...	13.621	6.4	ug/L	3223670	3	11.817	25262500	50.0

Instrument :
MSVOA_U
ClientSampleId :
EX836