LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

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: VU055733.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.596	86	95	121	rVV	168485	363995	1.26%	0.090%
2	1.789	134	155	156	rBV5	45685	109255	0.38%	0.027%
3	1.875	178	182	188	rBV	45841	61629	0.21%	0.015%
4	2.531	372	386	403	rBV	507008	842083	2.92%	0.208%
5	3.030	530	541	559	rBV5	9886	25207	0.09%	0.006%
6	3.171	568	585	605	rBV2	30302	76932	0.27%	0.019%
7	4.631	1024	1039	1101	rBV	156170	663696	2.30%	0.164%
8	5.055	1152	1171	1205	rBV	406397	1019097	3.53%	0.252%
9	5.714	1354	1376	1406	rBV2	944028	2506318	8.69%	0.619%
10	6.242	1525	1540	1566	rBV	568864	1226063	4.25%	0.303%
11	6.528	1616	1629	1641	rBV8	11588	25601	0.09%	0.006%
12	6.685	1664	1678	1695	rBV	513278	1142747	3.96%	0.282%
13	7.062	1780	1795	1811	rBV5	20179	43486	0.15%	0.011%
14	7.229	1828	1847	1861	rBV5	33165	75694	0.26%	0.019%
15	7.422	1897	1907	1914	rBV4	14493	26093	0.09%	0.006%
16	7.467	1915	1921	1935	rVB7	9212	17711	0.06%	0.004%
17	7.563	1935	1951	1976	rBV	273532	626611	2.17%	0.155%
18	7.689	1981	1990	1998	rVB2	19173	28974	0.10%	0.007%
19	7.747	1998	2008	2026	rVB5	25531	64797	0.22%	0.016%
20	7.849	2026	2040	2045	rBV2	298807	538068	1.86%	0.133%
21	7.894	2045	2054	2080	rVB	1147574	2285090	7.92%	0.565%
22	8.020	2080	2093	2101	rBV8	71513	176416	0.61%	0.044%
23	8.091	2109	2115	2129	rVB2	112963	197118	0.68%	0.049%
24	8.177	2129	2142	2149	rBV2	181207	350769	1.22%	0.087%
25	8.235	2150	2160	2177	rVB3	450000	930928	3.23%	0.230%
26	8.364	2183	2200	2210	rBV	151320	284107	0.98%	0.070%
27	8.425	2210	2219	2226	rBV5	59015	117177	0.41%	0.029%
28	8.467	2227	2232	2242	rVB3	70835	111806	0.39%	0.028%
29	8.531	2242	2252	2267	rVB2	223498	392350	1.36%	0.097%
30	8.631	2267	2283	2289	rBV	1113728	2077525	7.20%	0.513%
31	8.756	2311	2322	2327	rBV	396424	669656	2.32%	0.165%
32	8.795	2327	2334	2344	rVB6	465759	808334	2.80%	0.200%
33	8.859	2346	2354	2363	rVB	1021451	1627472	5.64%	0.402%
34	8.920	2363	2373	2383	rBV	2272737	4090044	14.17%	1.011%
35	9.068	2407	2419	2426	rBV	704926	1253053	4.34%	0.310%
36	9.116	2426	2434	2440	rVV	1202746	1864032	6.46%	0.461%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
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Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

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	9.161	2440	2448	2457	rVV3	2359128	4231245	14.66%	1.045%
38	9.206	2458	2462	2477	rVB3	715310	1061721	3.68%	0.262%
39	9.328	2477	2500	2518	rBV2	1399919	3023293	10.48%	0.747%
40	9.422	2518	2529	2539	rBV	653055	1474794	5.11%	0.364%
41	9.473	2540	2545	2551	rVB2	216301	262562	0.91%	0.065%
42	9.557	2561	2571	2585	rVB3	1415326	2680579	9.29%	0.662%
43	9.663	2585	2604	2611	rBV5	2332356	6111667	21.18%	1.510%
44	9.714	2612	2620	2627	rVV2	4163747	6751628	23.40%	1.668%
45	9.756	2627	2633	2657	rVB	2795484	5969172	20.69%	1.475%
46	9.872	2657	2669	2683	rBV5	1428103	3156421	10.94%	0.780%
47	9.952	2684	2694	2702	rBV3	500257	947949	3.29%	0.234%
48	10.026	2703	2717	2738	rBV5	5253882	15950675	55.28%	3.941%
49	10.119	2738	2746	2755	rBV2	2355366	3898850	13.51%	0.963%
50	10.251	2770	2787	2801	rBV4	12494582	28854089	100.00%	7.129%
51	10.316	2801	2807	2809	rVV2	2090013	2673665	9.27%	0.661%
52	10.354	2811	2819	2825	rVV3	11449987	20962893	72.65%	5.179%
53	10.393	2826	2831	2843	rVB	12306002	19835010	68.74%	4.901%
54	10.467	2844	2854	2866	rVB4	2689435	5347704	18.53%	1.321%
55	10.557	2866	2882	2892	rBV5	6671811	16063027	55.67%	3.969%
56	10.624	2895	2903	2916	rVB	6223541	10432010	36.15%	2.577%
57	10.698	2917	2926	2931	rBV	2219848	3850293	13.34%	0.951%
58	10.807	2940	2960	2979	rVB5	9190728	22406638	77.65%	5.536%
59	10.910	2985	2992	2996	rBV	1182450	1776768	6.16%	0.439%
60	10.949	2997	3004	3016	rVV5	3547325	7348417	25.47%	1.816%
61	11.013	3017	3024	3031	rVV4	3486288	6497043	22.52%	1.605%
62	11.065	3032	3040	3050	rVV2	10754923	19310929	66.93%	4.771%
63	11.126	3051	3059	3070	rVB8	5689401	11782456	40.83%	2.911%
64	11.187	3071	3078	3088	rBV5	1640639	2765929	9.59%	0.683%
65	11.242	3089	3095	3101	rBV2	1557881	2277178	7.89%	0.563%
66	11.283	3102	3108	3109	rBV	1797184	1687216	5.85%	0.417%
67	11.309	3112	3116	3128	rVB7	4681235	7851363	27.21%	1.940%
68	11.377	3129	3137	3142	rBV5	2665917	4114707	14.26%	1.017%
69	11.418	3142	3150	3157	rBV	9141465	12139077	42.07%	2.999%
70	11.460	3158	3163	3168	rBV4	1900247	2884637	10.00%	0.713%
71	11.573	3190	3198	3203	rBV	2419763	4025198	13.95%	0.995%
72	11.643	3205	3220	3231	rVB6	6659565	16179319	56.07%	3.998%
73	11.714	3233	3242	3249	rBV	10623258	16064603	55.68%	3.969%
74	12.097	3351	3361	3372	rBV8	2944963	6002275	20.80%	1.483%
75	12.184	3379	3388	3404	rVB4	8024369	18391981	63.74%	4.544%
76	12.386	3444	3451	3464	rVB6	4238057	9504027	32.94%	2.348%

LSC Area Percent Report

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Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

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	12.666	3530	3538	3546	rBV3	2196336	4284403	14.85%	1.059%
78	12.766	3564	3569	3576	rBV5	851078	1179598	4.09%	0.291%
79	12.840	3585	3592	3606	rVB5	3497408	7078137	24.53%	1.749%
80	12.926	3607	3619	3627	rBV4	3976864	7960956	27.59%	1.967%
81	13.026	3643	3650	3652	rBV	1082772	1348235	4.67%	0.333%
82	13.052	3654	3658	3666	rVB2	2206867	2880529	9.98%	0.712%
83	13.103	3667	3674	3694	rVB3	1109336	2393307	8.29%	0.591%
84	13.196	3697	3703	3714	rBV2	625748	1071434	3.71%	0.265%
85	13.254	3715	3721	3730	rVB4	667414	957975	3.32%	0.237%
86	13.351	3746	3751	3758	rVB2	386912	468176	1.62%	0.116%
87	13.402	3761	3767	3772	rVV4	511964	784514	2.72%	0.194%
88	13.447	3772	3781	3798	rVB2	3001240	5853968	20.29%	1.446%
89	13.557	3810	3815	3820	rBV	262892	299568	1.04%	0.074%
90	13.621	3828	3835	3860	rVB2	1131390	2440133	8.46%	0.603%
91	13.733	3861	3870	3877	rBV7	231829	412767	1.43%	0.102%
92	13.778	3879	3884	3892	rVB	175657	255536	0.89%	0.063%
93	13.836	3893	3902	3914	rBV5	428642	875606	3.03%	0.216%
94	13.939	3929	3934	3948	rVB2	175121	411965	1.43%	0.102%
95	14.052	3959	3969	3974	rBV5	112811	224176	0.78%	0.055%
96	14.187	4005	4011	4024	rVB5	77987	139202	0.48%	0.034%
97	14.669	4150	4161	4178	rVB10	32880	88933	0.31%	0.022%
98	14.933	4239	4243	4260	rVB10	9754	18652	0.06%	0.005%
99	15.013	4262	4268	4276	rBV8	12550	20516	0.07%	0.005%
100	15.203	4319	4327	4333	rBV8	9476	17093	0.06%	0.004%

Sum of corrected areas: 404734321

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
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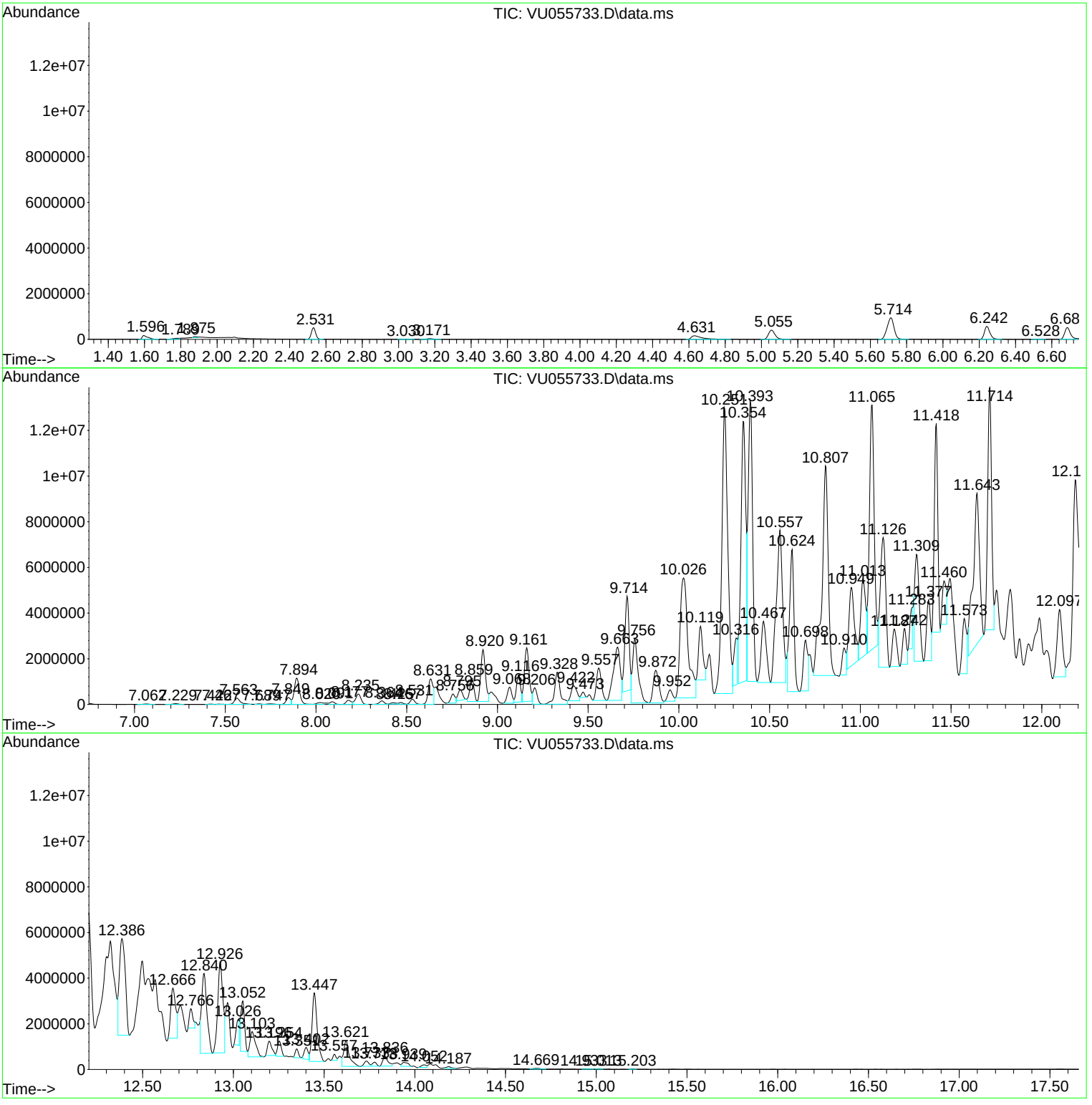
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

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 : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
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Instrument :
MSVOA_U
ClientSampleId :
EX837

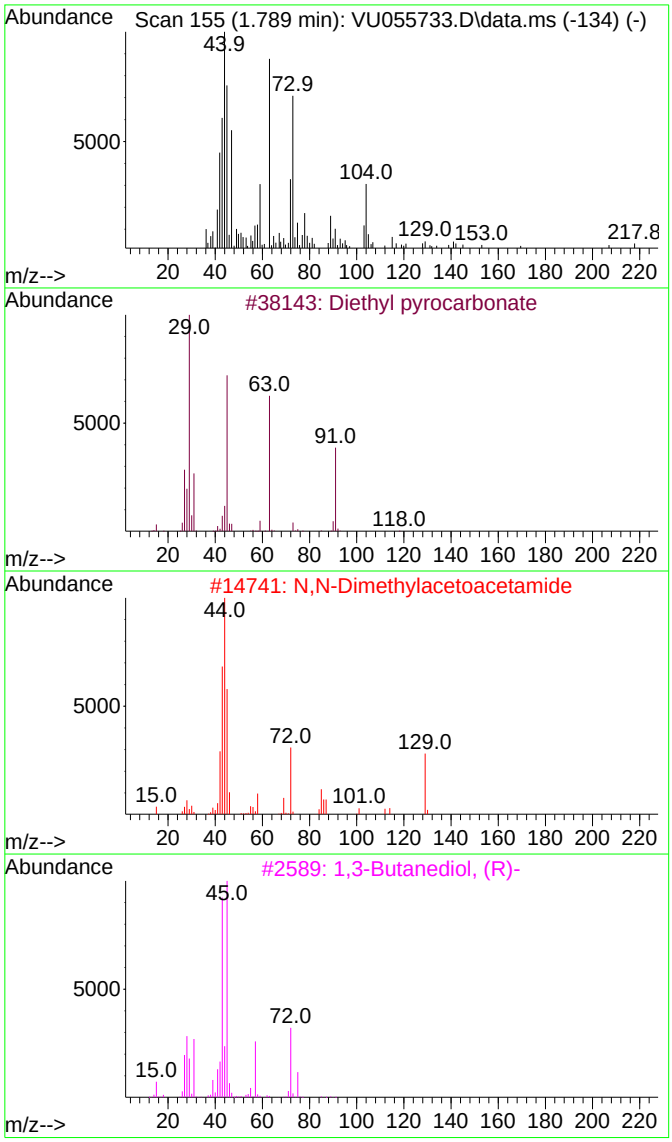
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

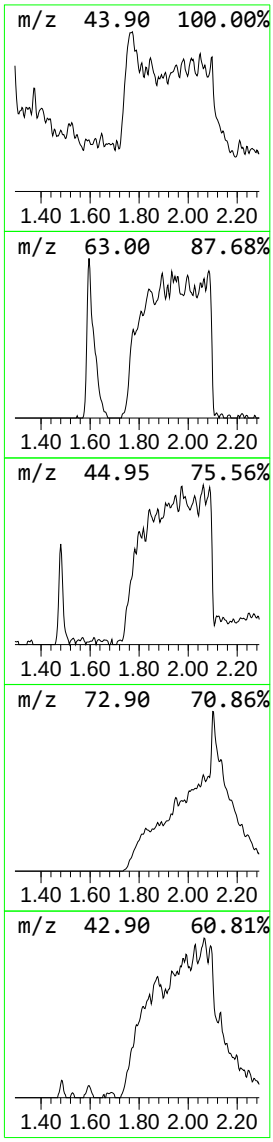
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown-01 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.789	4.46 ug/L	109255	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl pyrocarbonate	162	C6H10O5	001609-47-8	33
2	N,N-Dimethylacetoacetamide	129	C6H11NO2	002044-64-6	10
3	1,3-Butanediol, (R)-	90	C4H10O2	006290-03-5	10
4	1,3-Butanediol, (S)-	90	C4H10O2	024621-61-2	10
5	N,N-Dimethylsuccinamic acid	145	C6H11NO3	002564-95-6	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

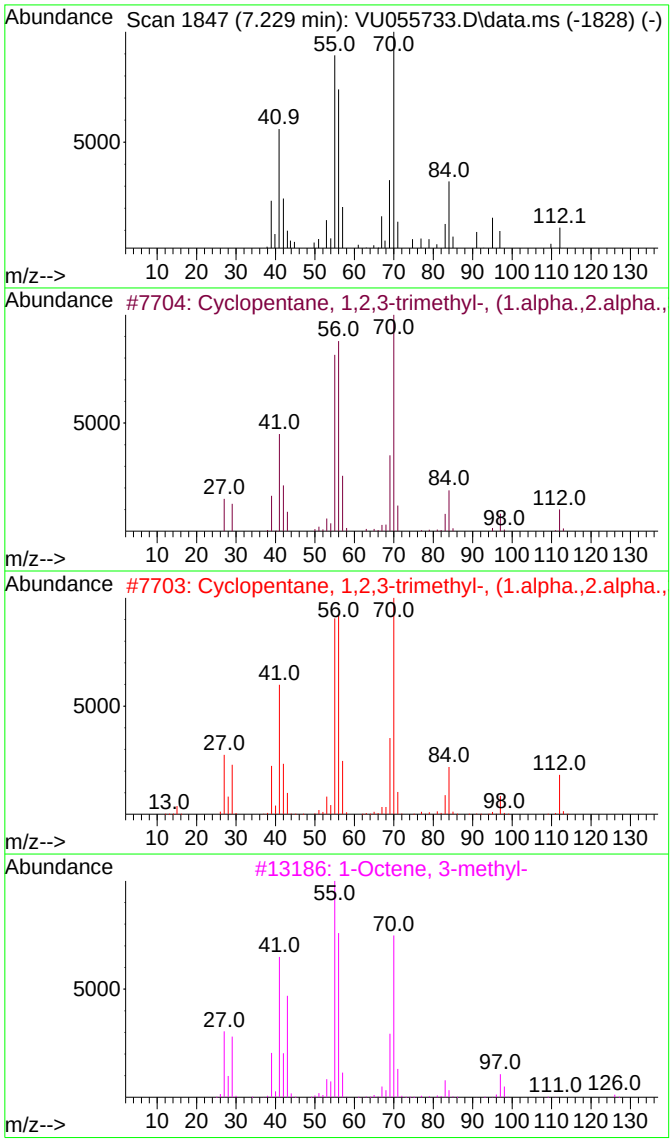
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

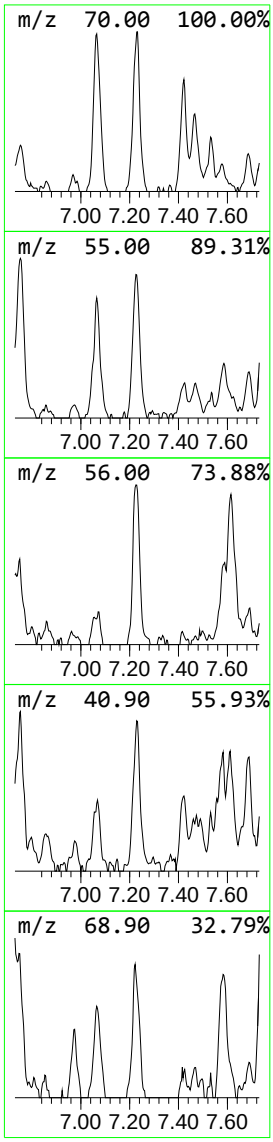
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic7.229 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.229	3.09 ug/L	75694	1,4-Difluorobenzene	6.242

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	83
3	1-Octene, 3-methyl-	126	C9H18	013151-08-1	64
4	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	59
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

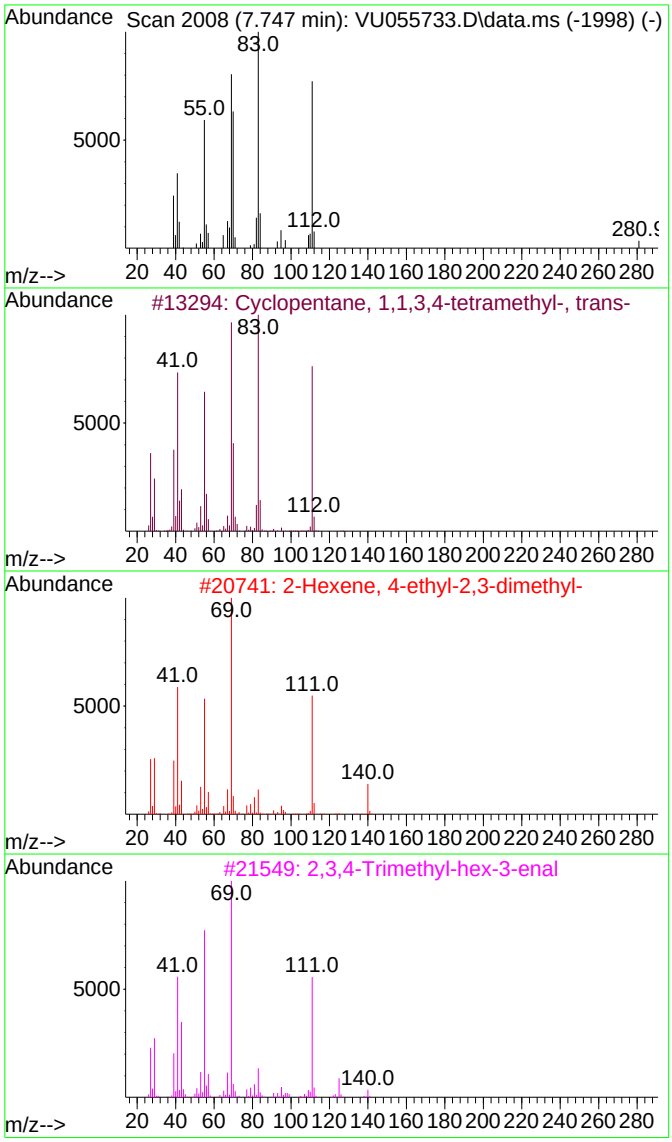
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

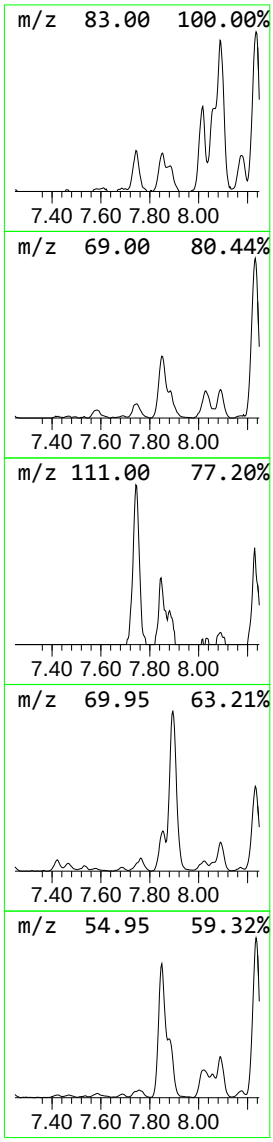
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic7.747 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.747	2.64 ug/L	64797	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	72
2	2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	43
3	2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	43
4	t-Butyl cyclohexaneperoxycarboxy...	200	C11H20O3	020396-49-0	43
5	Cyclohexane, 1,4-dimethyl-2-(2-m...	168	C12H24	054411-17-5	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

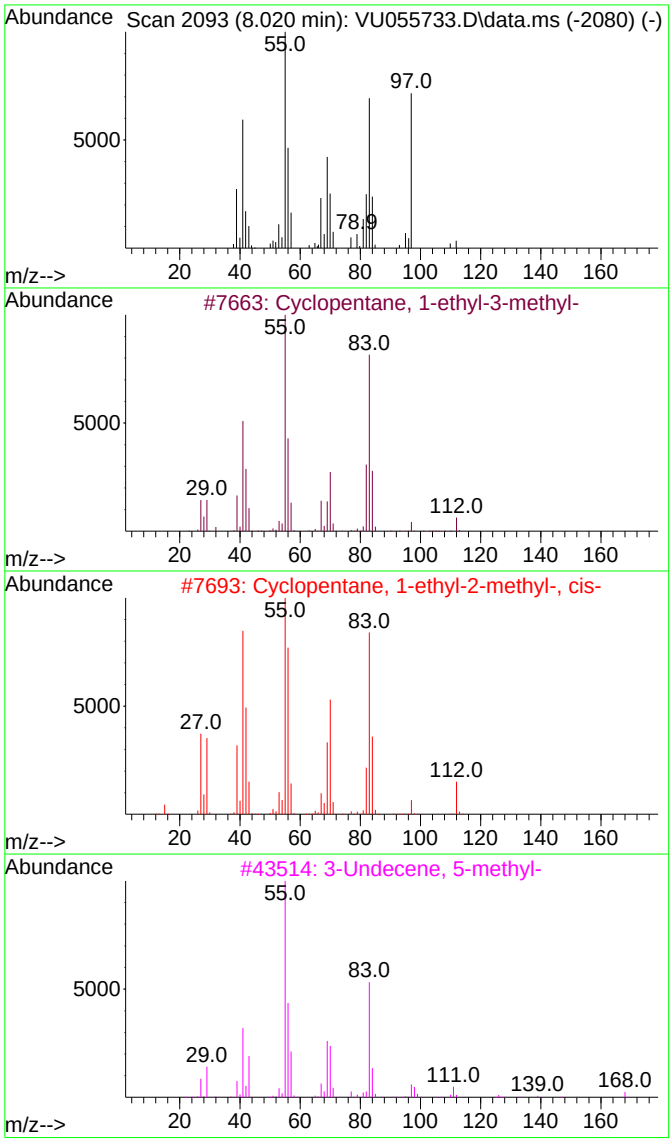
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

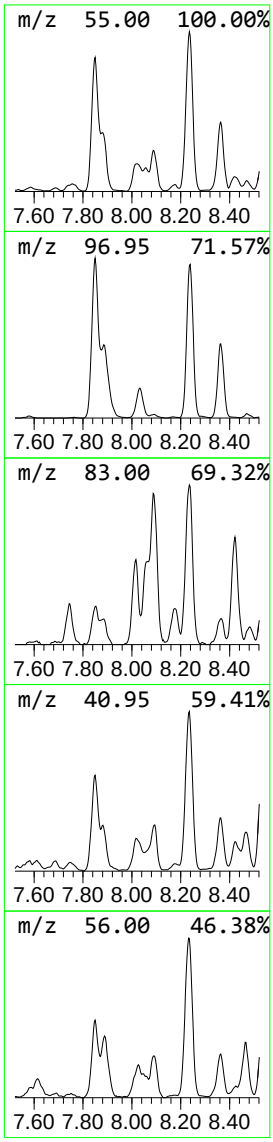
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic8.020 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.020	5.98 ug/L	176416	Chlorobenzene-d5	9.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	64
2	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	52
3	3-Undecene, 5-methyl-	168	C12H24	1000061-84-1	47
4	2-Heptenal, (E)-	112	C7H12O	018829-55-5	43
5	Cycloheptanone	112	C7H12O	000502-42-1	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

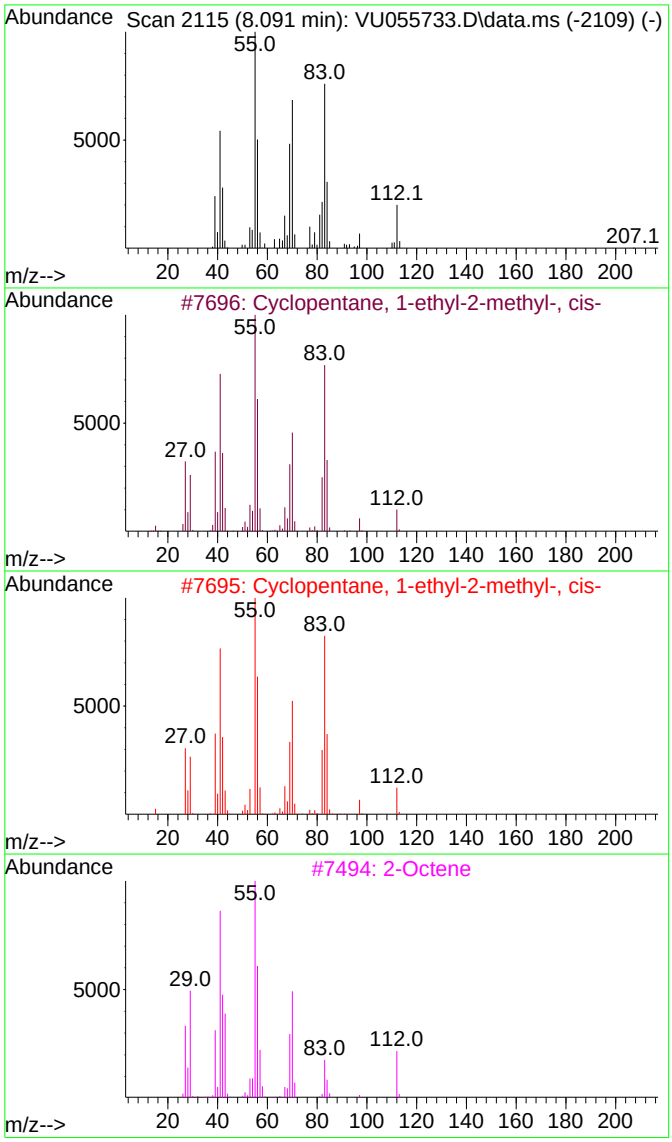
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

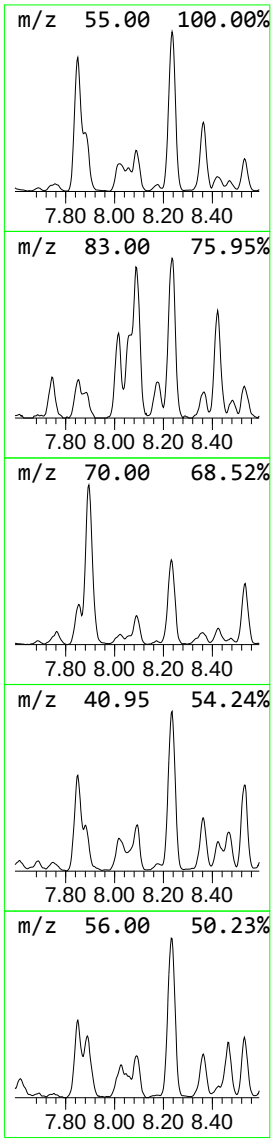
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic8.091 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.091	6.68 ug/L	197118	Chlorobenzene-d5	9.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	72
2	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	50
3	2-Octene	112	C8H16	000111-67-1	49
4	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	49
5	3-Octene, (E)-	112	C8H16	014919-01-8	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

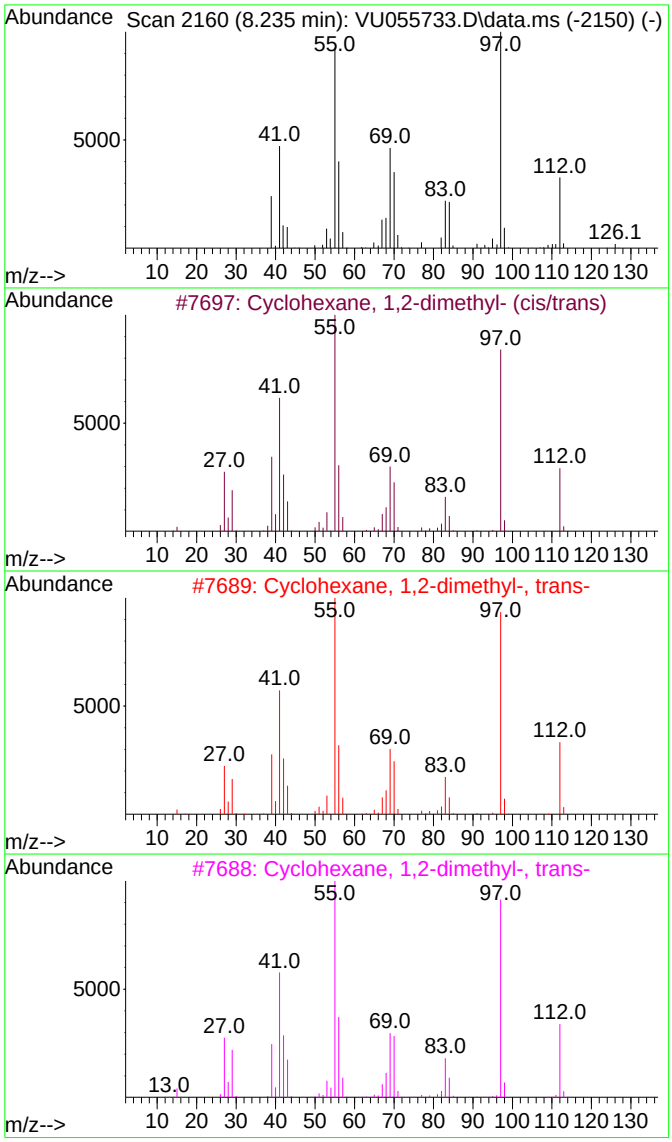
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

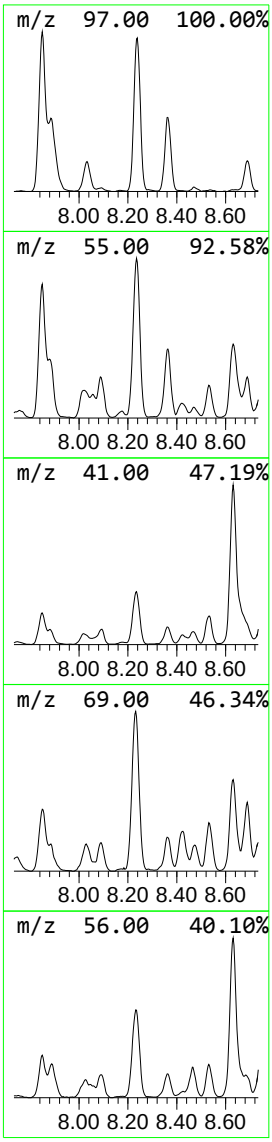
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic8.235 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.235	31.56 ug/L	930928	Chlorobenzene-d5	9.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	90
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	90
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	81
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	74





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Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

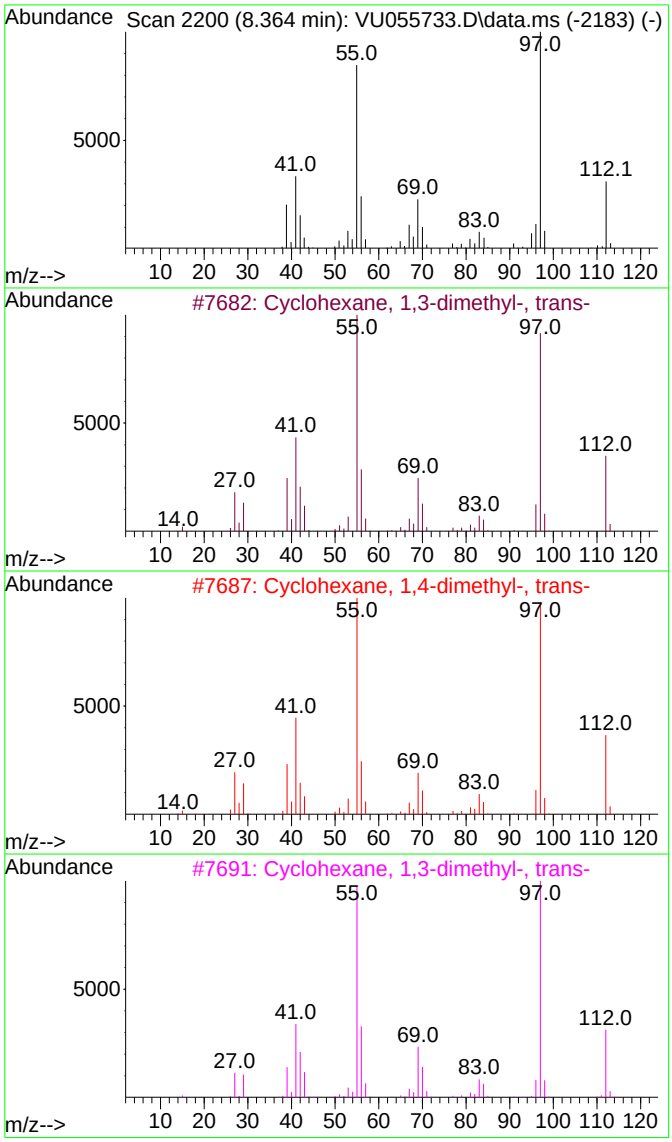
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

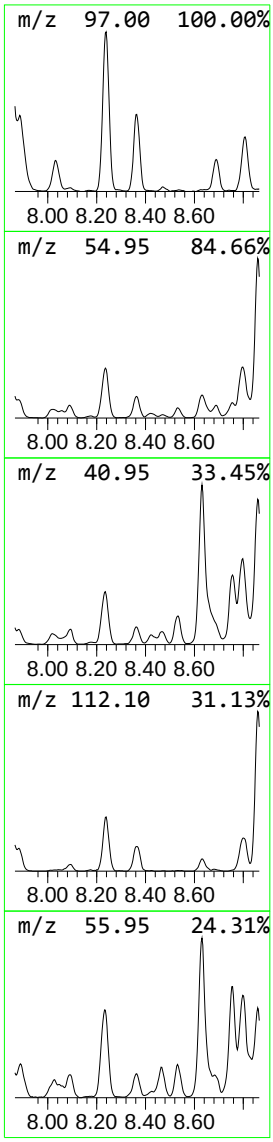
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic8.364 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.364	9.63 ug/L	284107	Chlorobenzene-d5	9.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	97
2	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	94
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	93
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	90





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Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

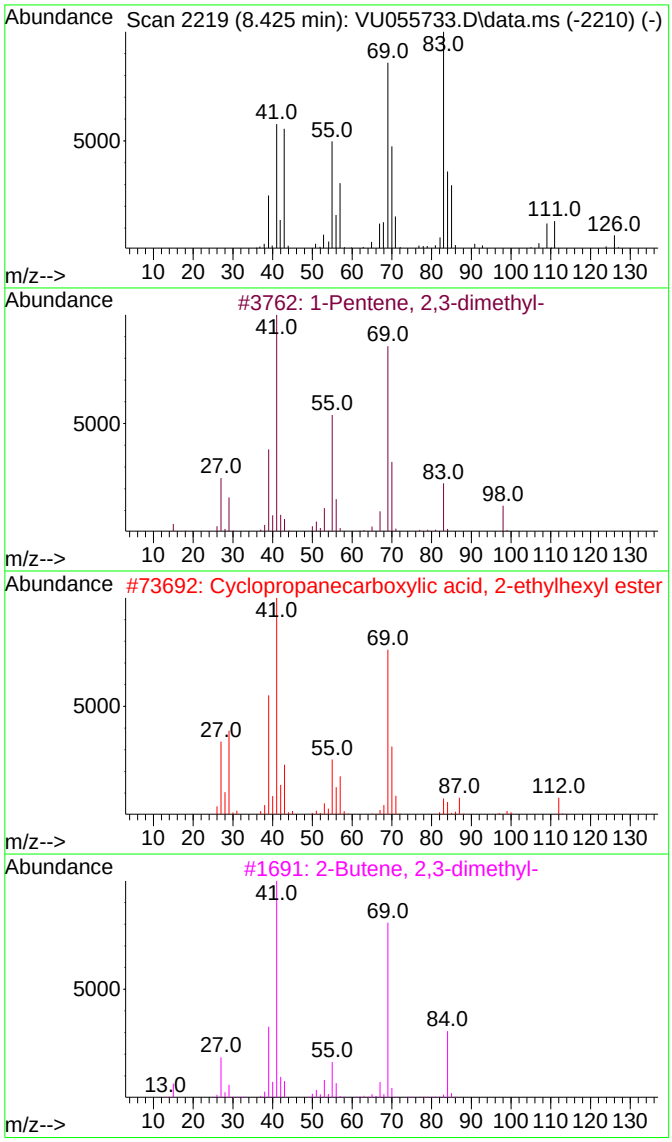
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

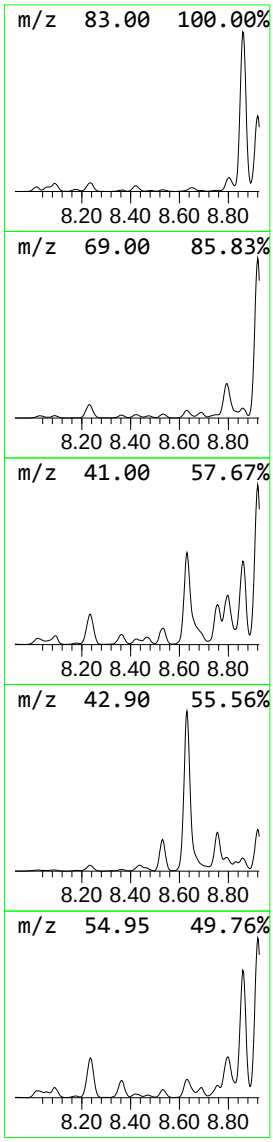
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.425	3.97 ug/L	117177	Chlorobenzene-d5	9.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	38
2	Cyclopropanecarboxylic acid, 2-e...	198	C12H22O2	103604-31-5	38
3	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	30
4	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	25
5	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	25





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Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

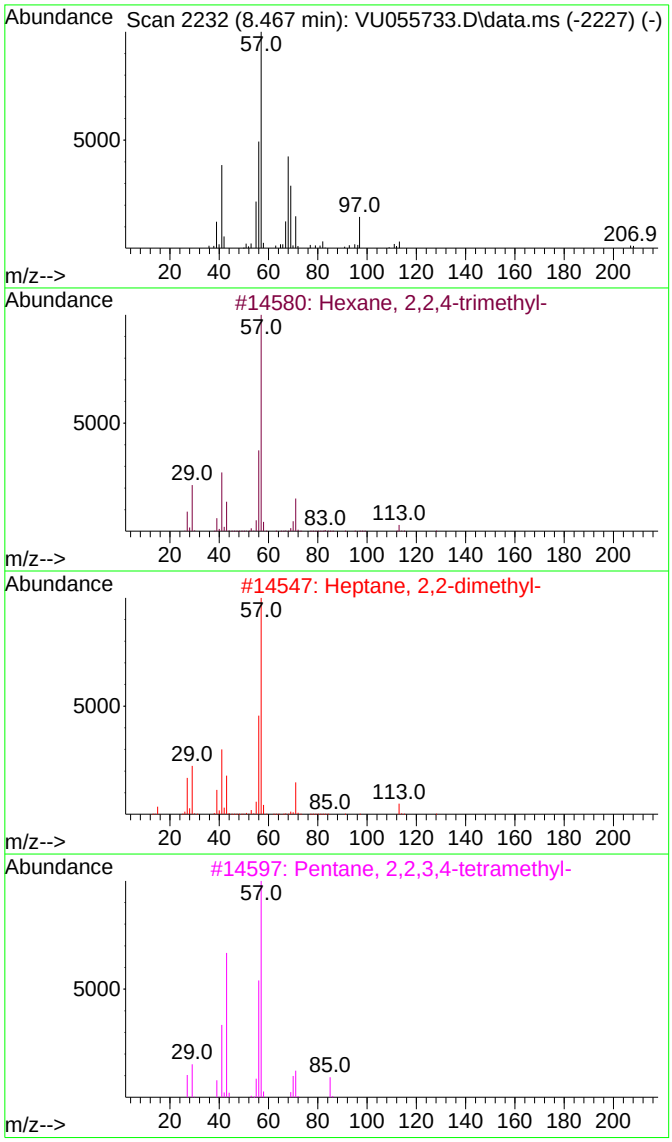
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

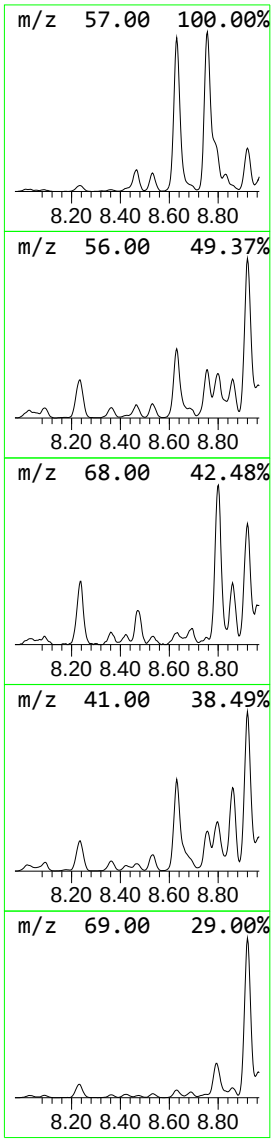
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.467	3.79 ug/L	111806	Chlorobenzene-d5	9.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	32
2	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	23
3	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	23
4	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	23
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

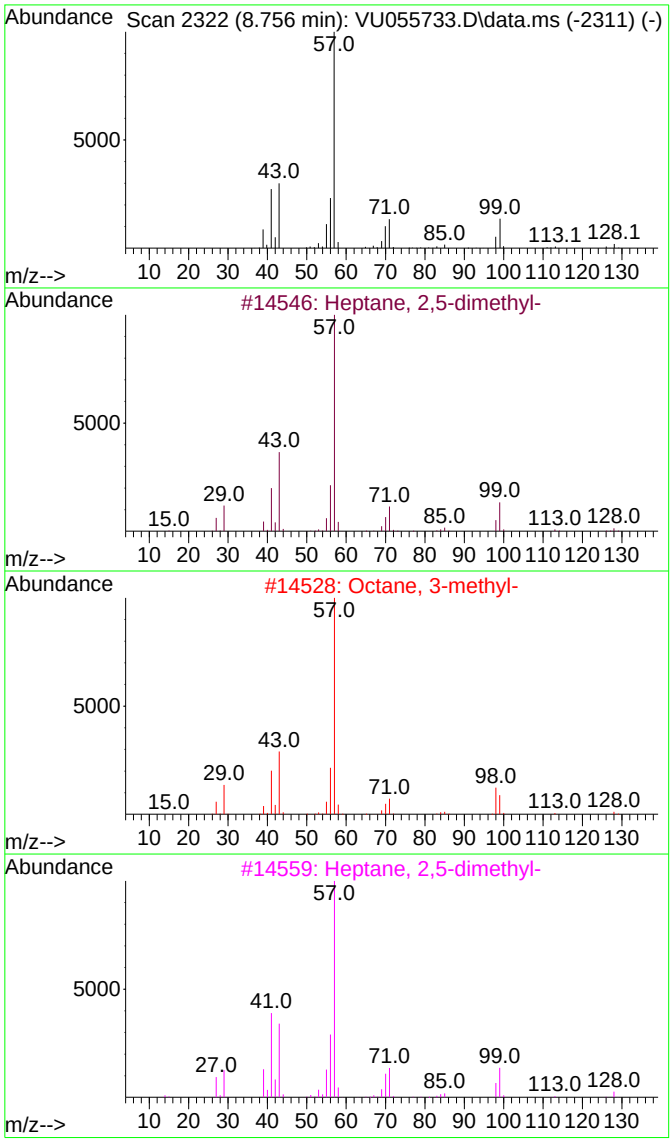
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

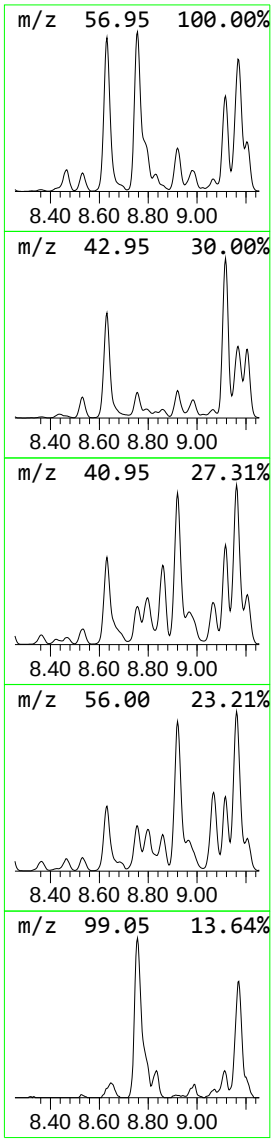
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.756	22.70 ug/L	669656	Chlorobenzene-d5	9.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
2	Octane, 3-methyl-	128	C9H20	002216-33-3	87
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

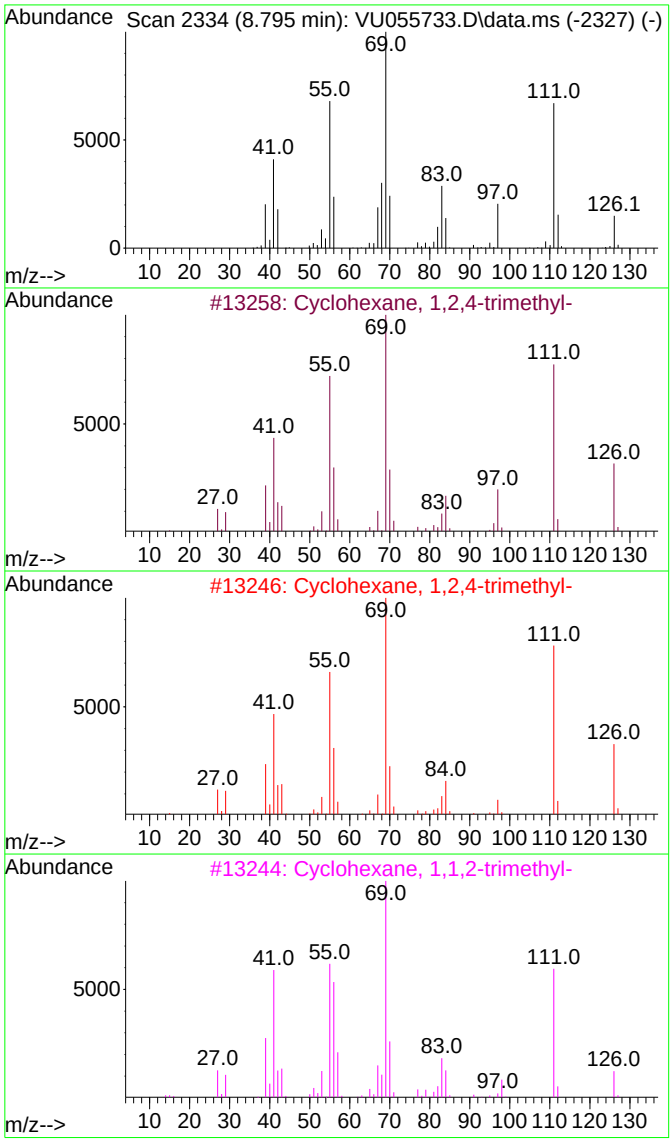
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

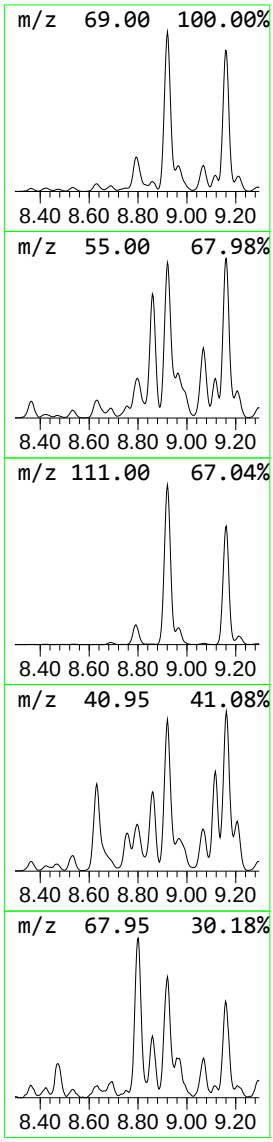
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Cyclic8.795 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.795	27.41 ug/L	808334	Chlorobenzene-d5	9.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	81
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	68
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	58
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	53
5	3,4-Dimethyl cyclohexanone	126	C8H14O	005465-09-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

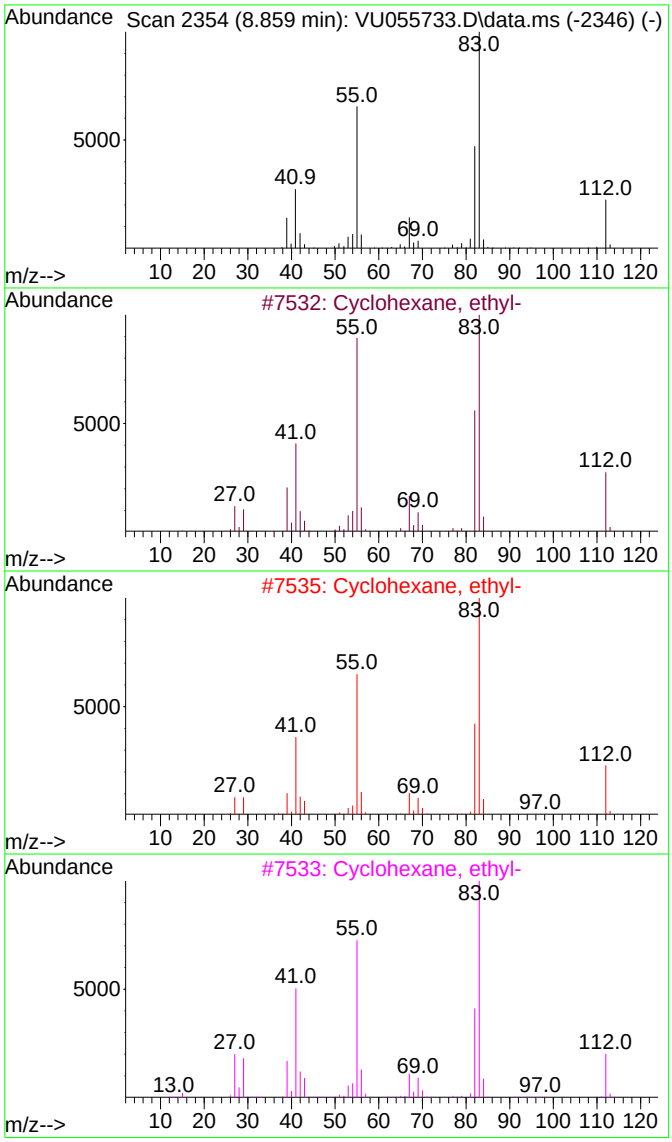
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

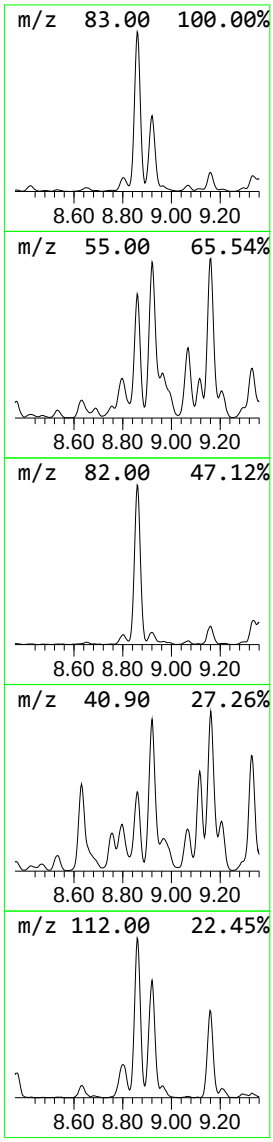
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Cyclic8.859 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.859	55.18 ug/L	1627470	Chlorobenzene-d5	9.422

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	87
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

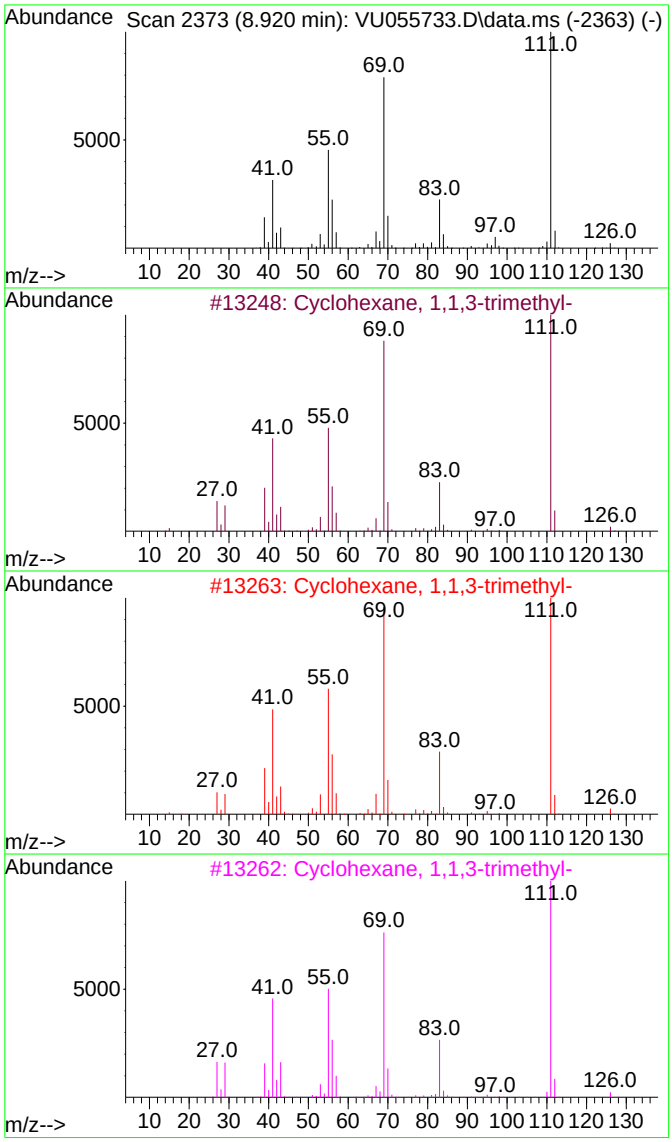
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

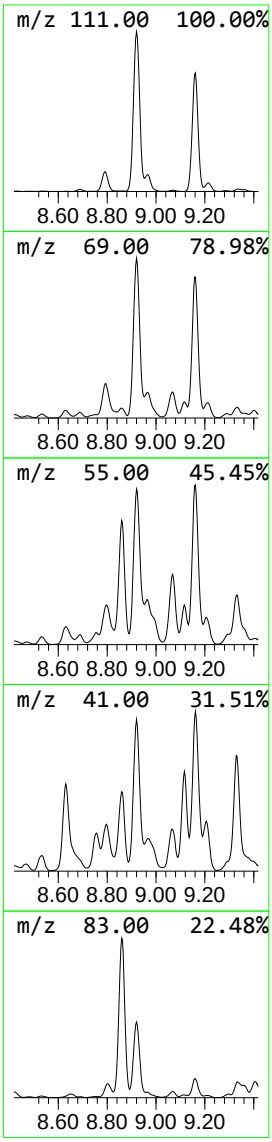
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic8.920 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.920	138.66 ug/L	4090040	Chlorobenzene-d5	9.422

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	91
4	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	72
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

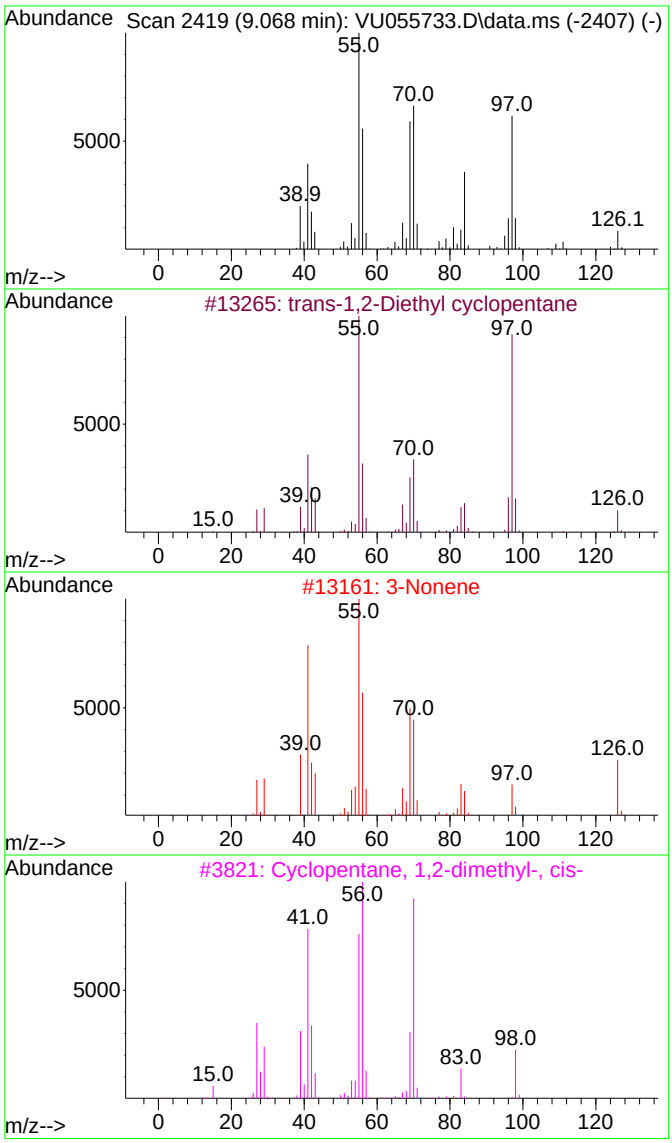
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

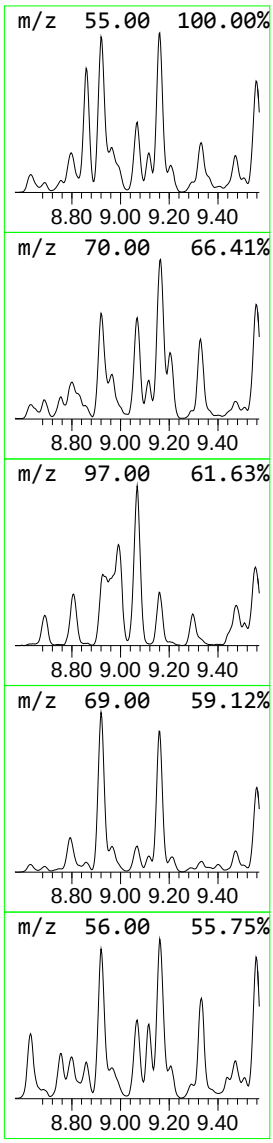
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Cyclic9.068 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.068	42.48 ug/L	1253050	Chlorobenzene-d5	9.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	70
2	3-Nonene	126	C9H18	020063-77-8	50
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	50
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	43
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

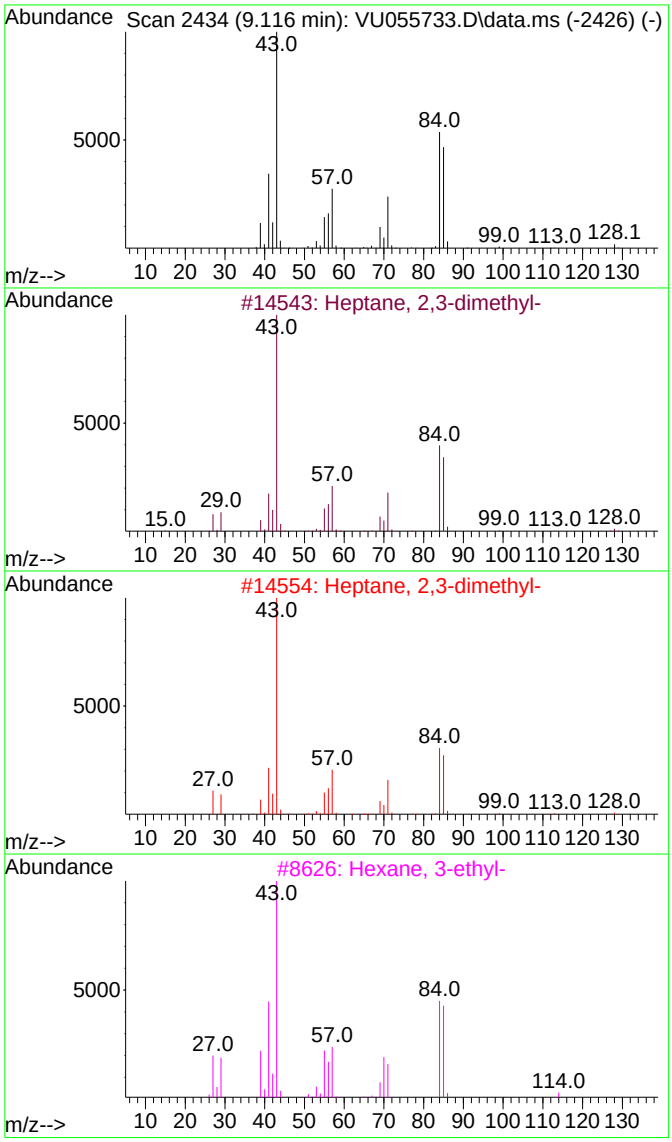
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

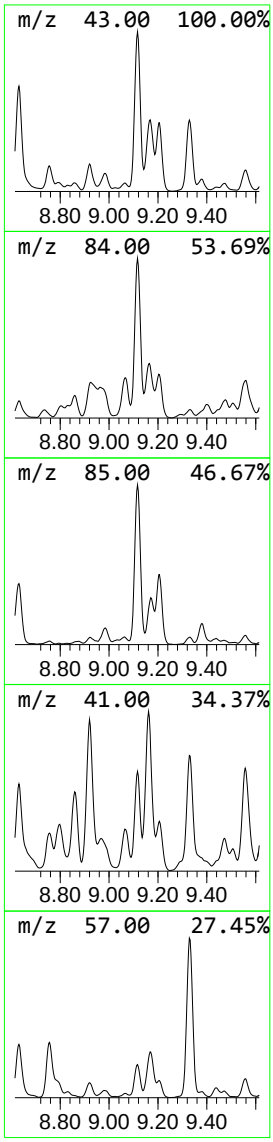
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.116	63.20 ug/L	1864030	Chlorobenzene-d5	9.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	94
2	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	87
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	78
4	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	74
5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

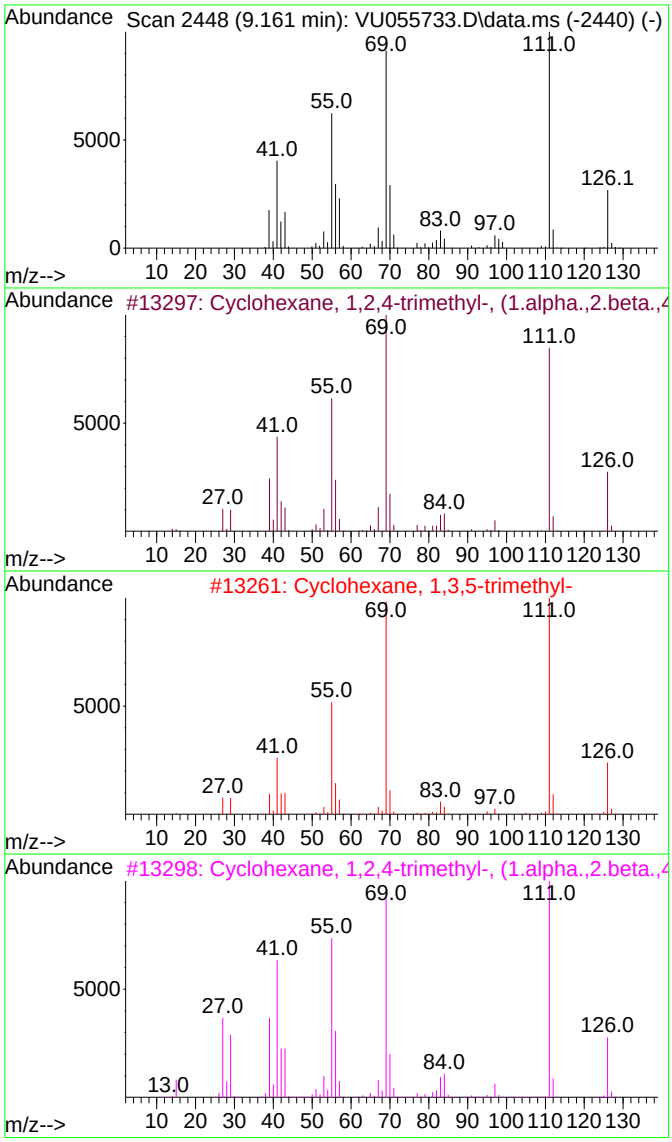
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

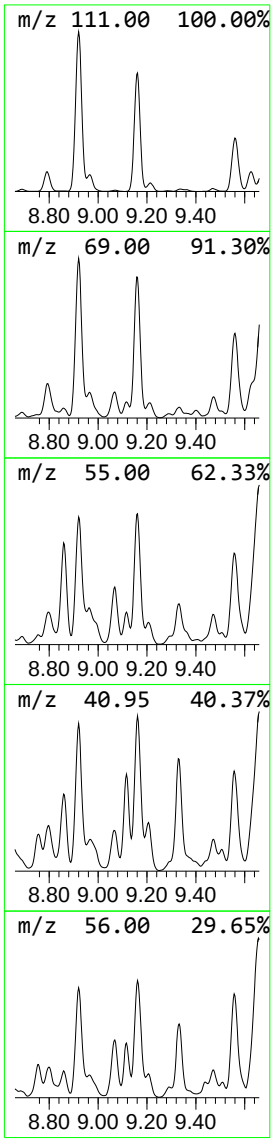
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Cyclic9.161 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.161	143.45 ug/L	4231250	Chlorobenzene-d5	9.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	93
2	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87
3	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	87
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	87
5	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

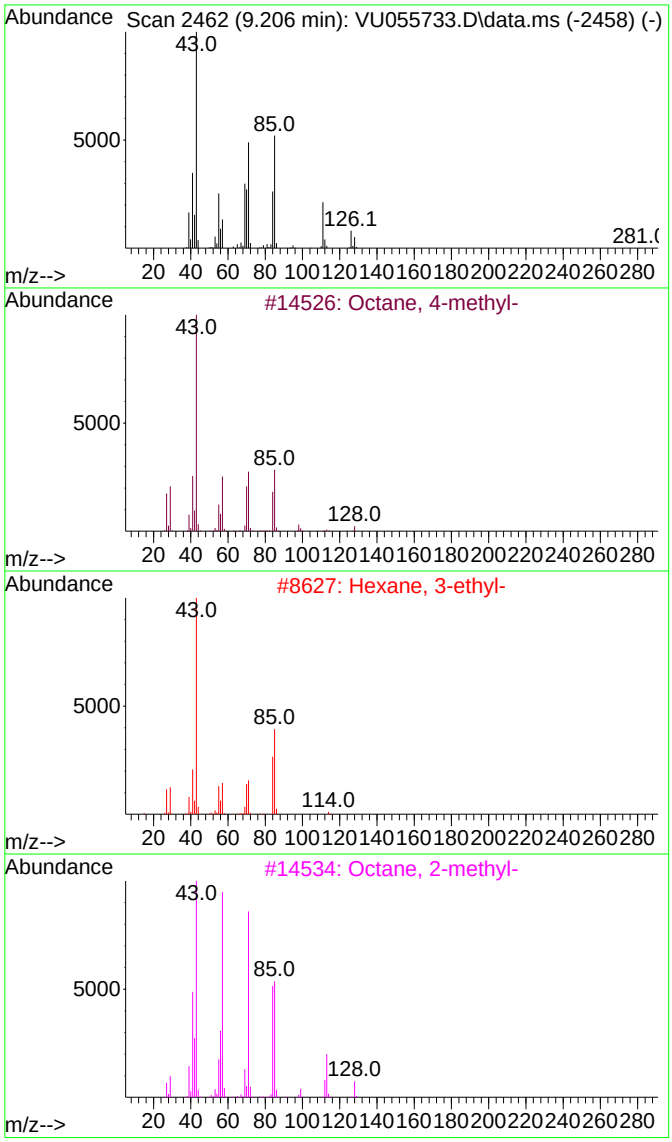
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

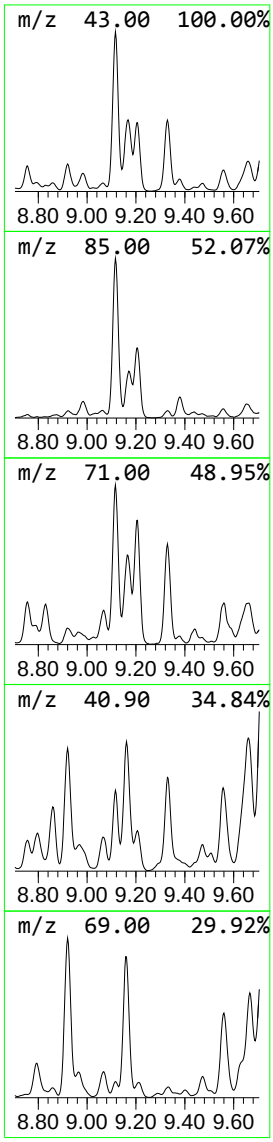
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.206	36.00 ug/L	1061720	Chlorobenzene-d5	9.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	58
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	43
3	Octane, 2-methyl-	128	C9H20	003221-61-2	43
4	Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	43
5	Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

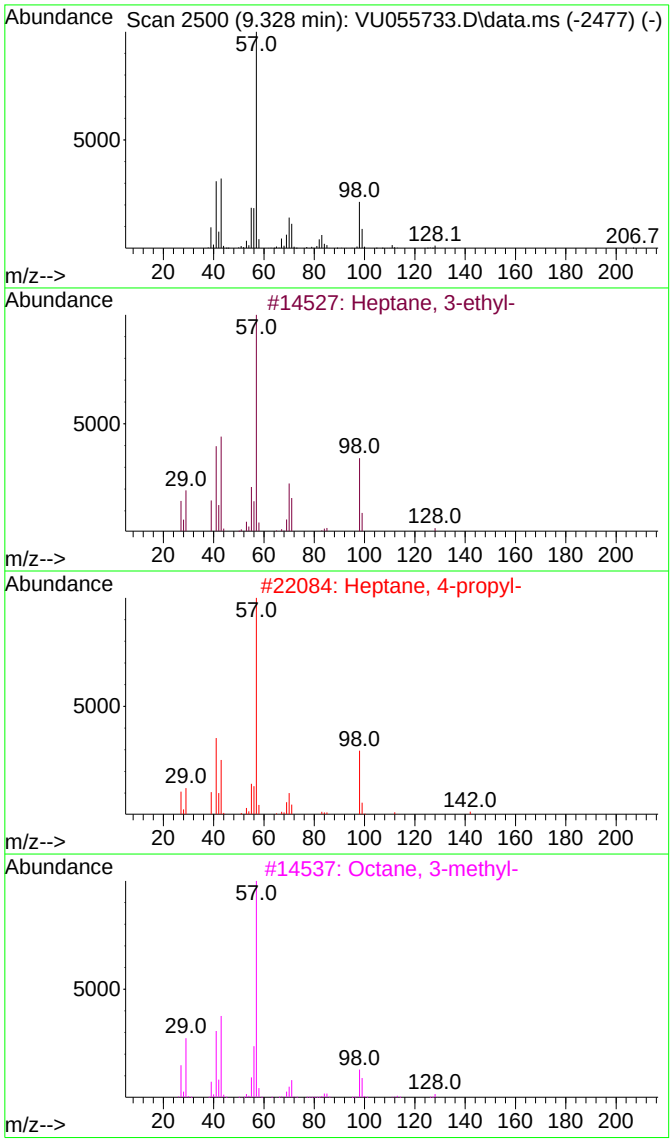
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

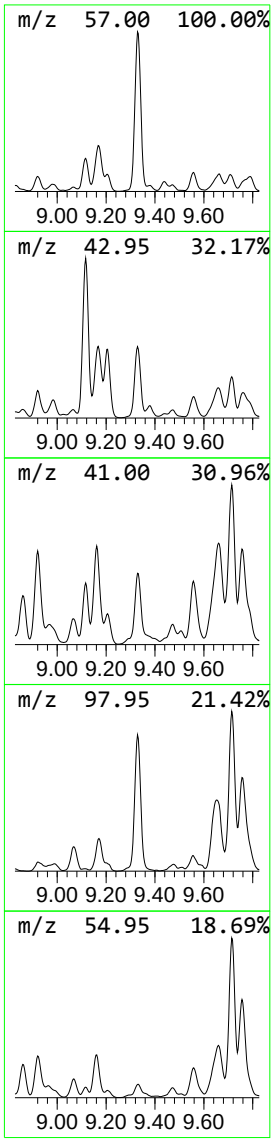
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.328	102.50 ug/L	3023290	Chlorobenzene-d5	9.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-	128	C9H20	015869-80-4	81
2	Heptane, 4-propyl-	142	C10H22	003178-29-8	72
3	Octane, 3-methyl-	128	C9H20	002216-33-3	72
4	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	64
5	Heptane, 3-ethyl-	128	C9H20	015869-80-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

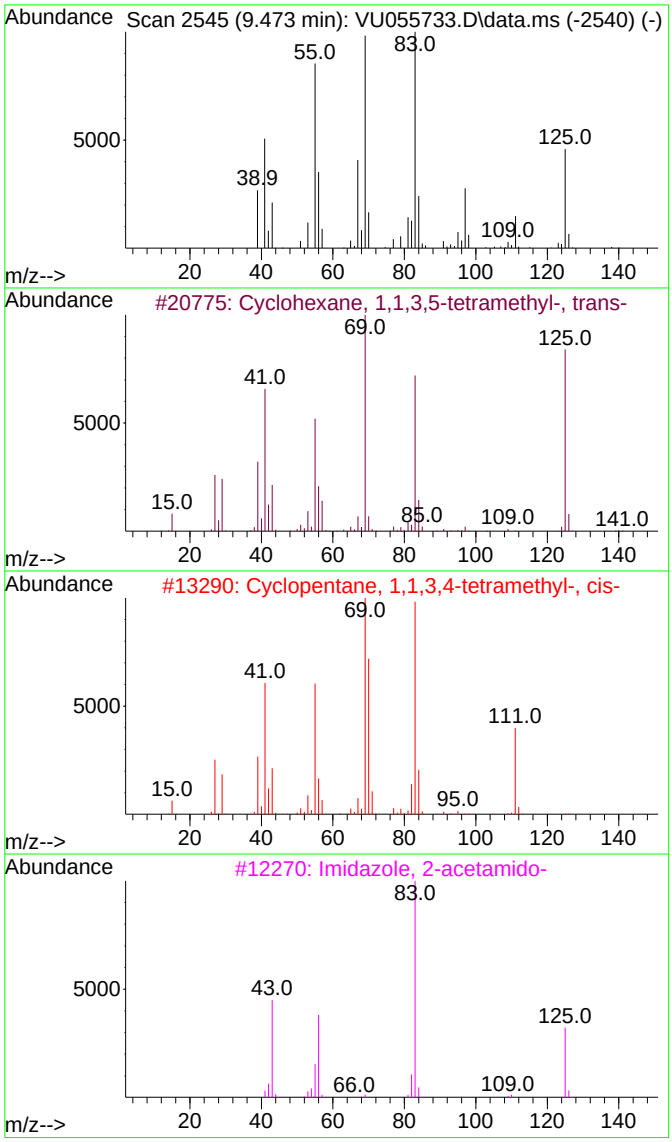
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

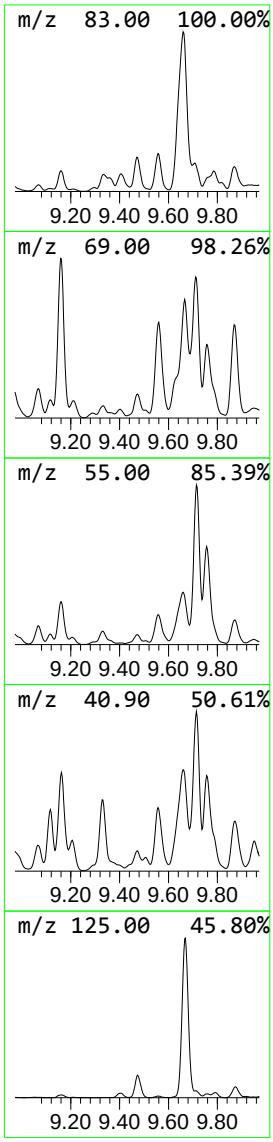
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Cyclic9.473 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.473	8.90 ug/L	262562	Chlorobenzene-d5	9.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	53
2	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	053907-60-1	47
3	Imidazole, 2-acetamido-	125	C5H7N3O	052737-49-2	35
4	3-Acetamidofuran	125	C6H7NO2	059445-85-1	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 : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

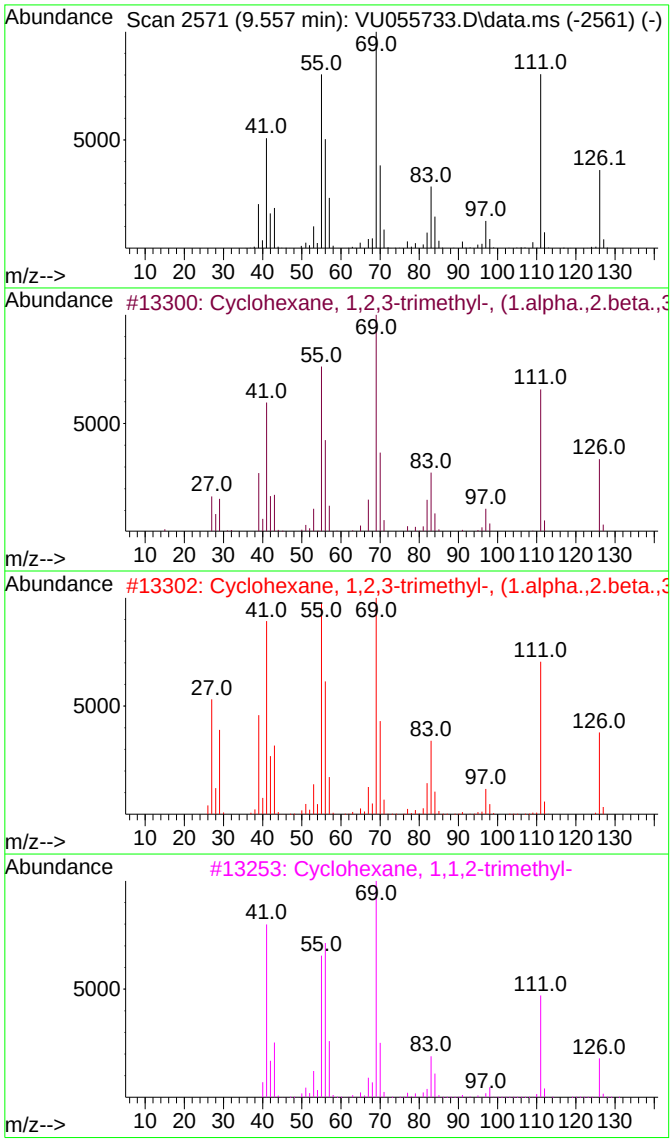
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

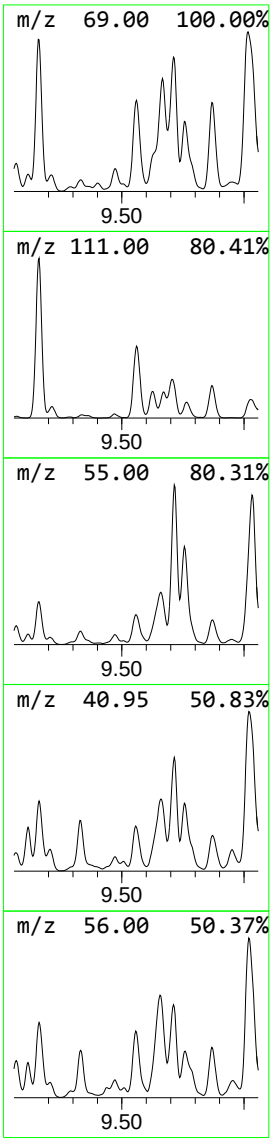
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Cyclic9.557 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.557	90.88 ug/L	2680580	Chlorobenzene-d5	9.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	94
2	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	94
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	87
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	81
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

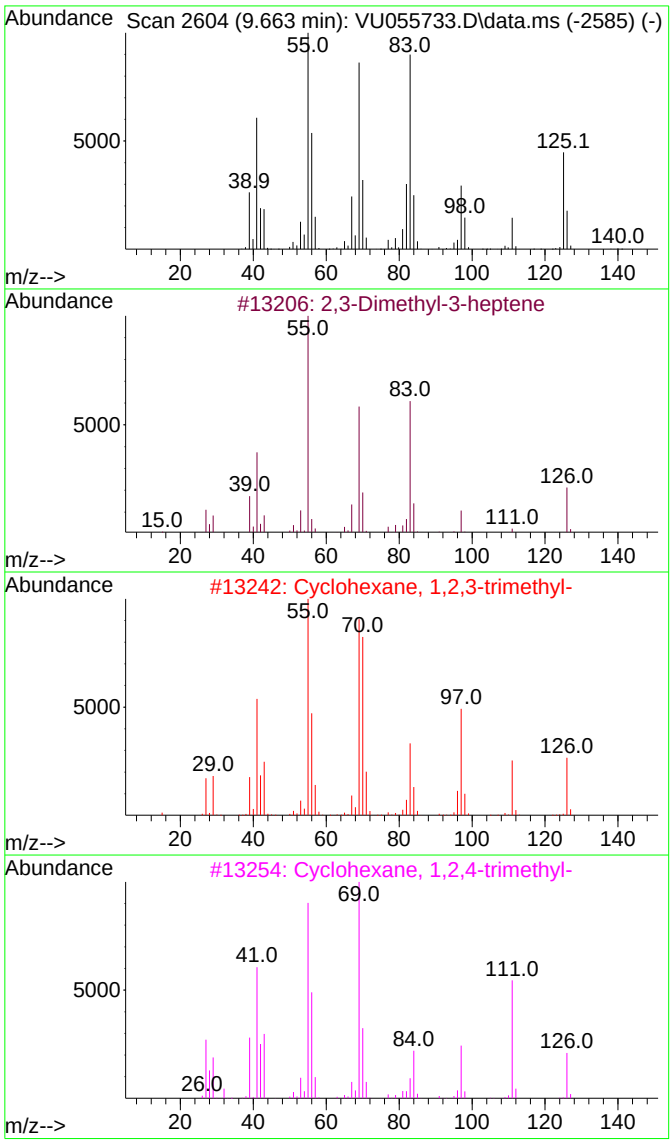
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

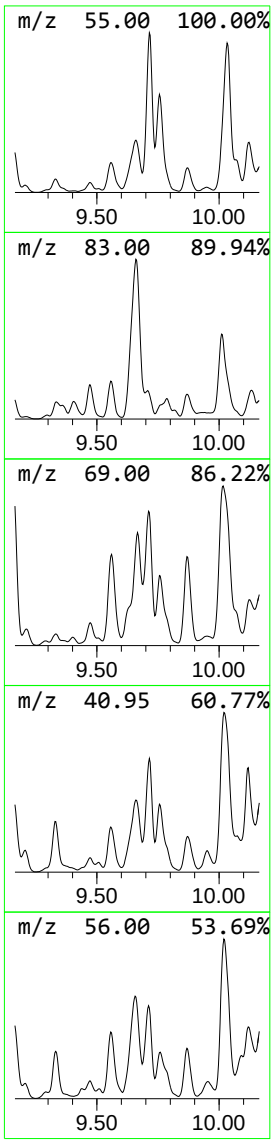
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.663	207.20 ug/L	6111670	Chlorobenzene-d5	9.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethyl-3-heptene	126	C9H18	1000113-49-3	64
2	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	46
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	45
4	2,3-Dimethyl-3-heptene, (Z)-	126	C9H18	059643-73-1	43
5	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

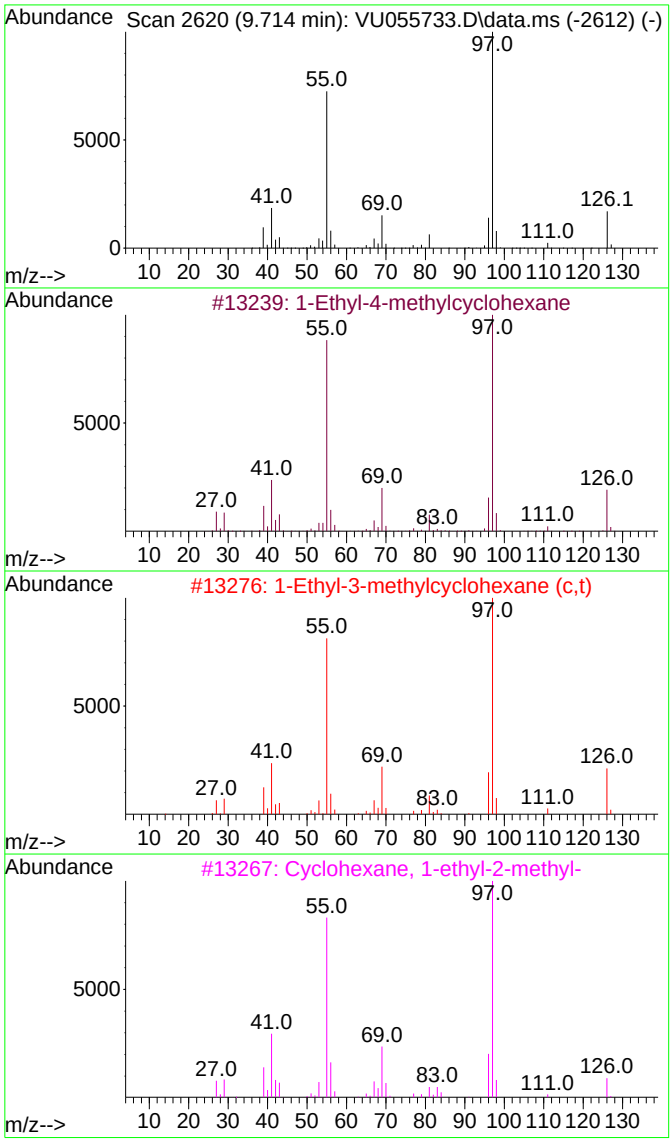
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

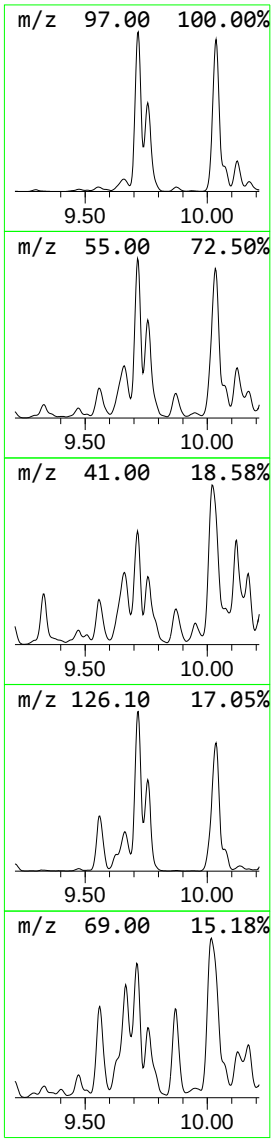
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.714	228.90 ug/L	6751630	Chlorobenzene-d5	9.422

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-2-methyl-	126	C9H18	003728-54-9	90
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	87
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

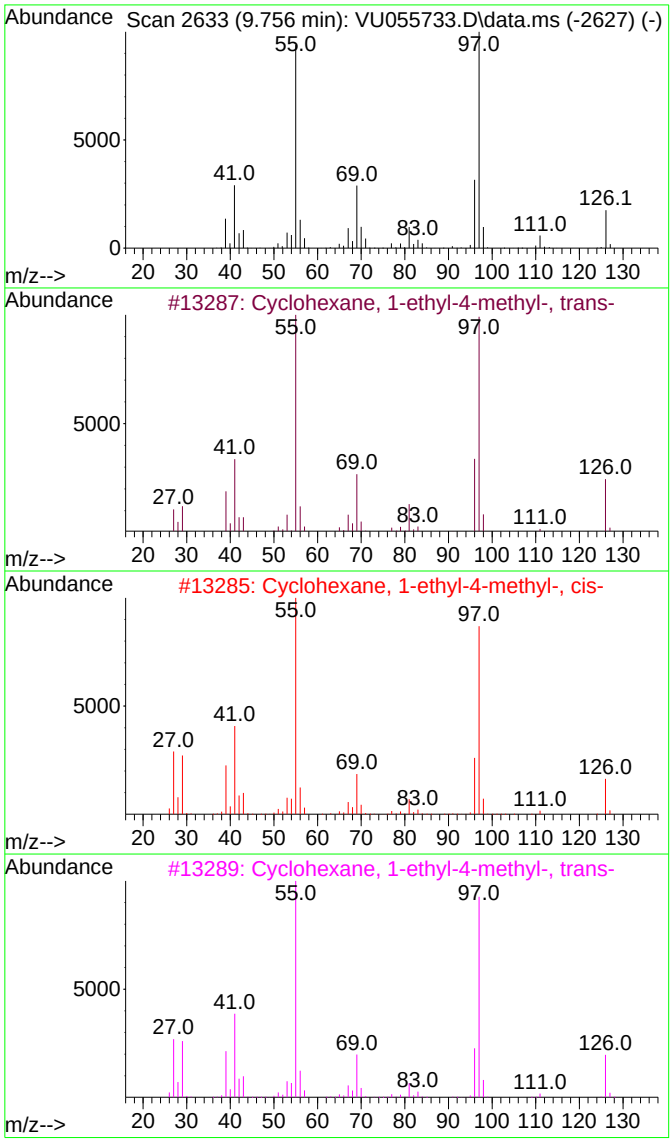
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

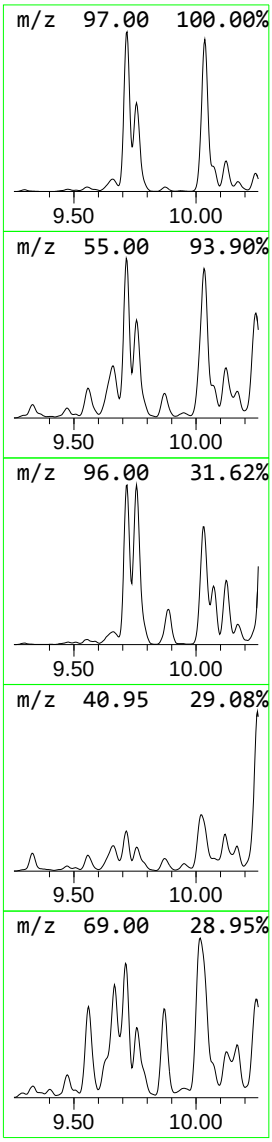
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Cyclic9.756 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.756	202.37 ug/L	5969170	Chlorobenzene-d5	9.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	91
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	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	90
5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

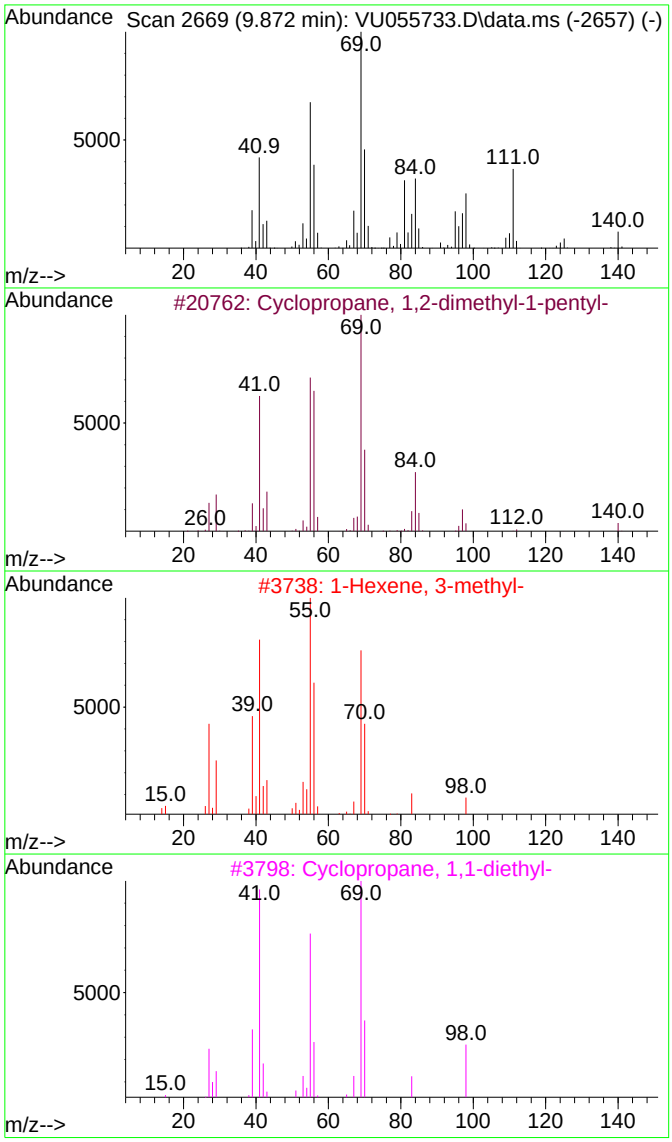
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

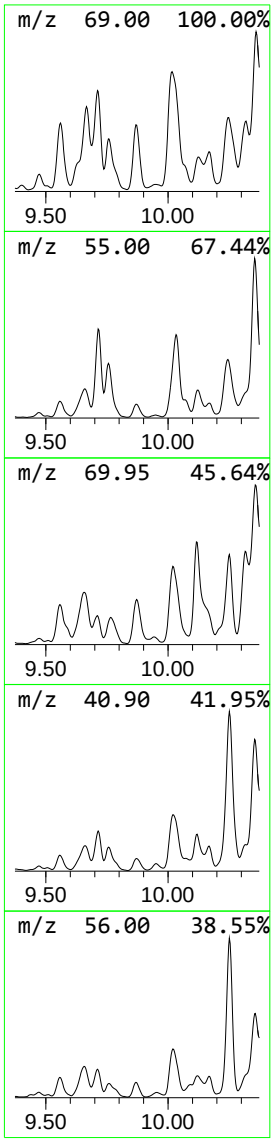
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Cyclic9.872 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.872	107.01 ug/L	3156420	Chlorobenzene-d5	9.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	58
2	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	58
3	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	53
4	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	52
5	2-Undecene, 4-methyl-	168	C12H24	091695-32-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

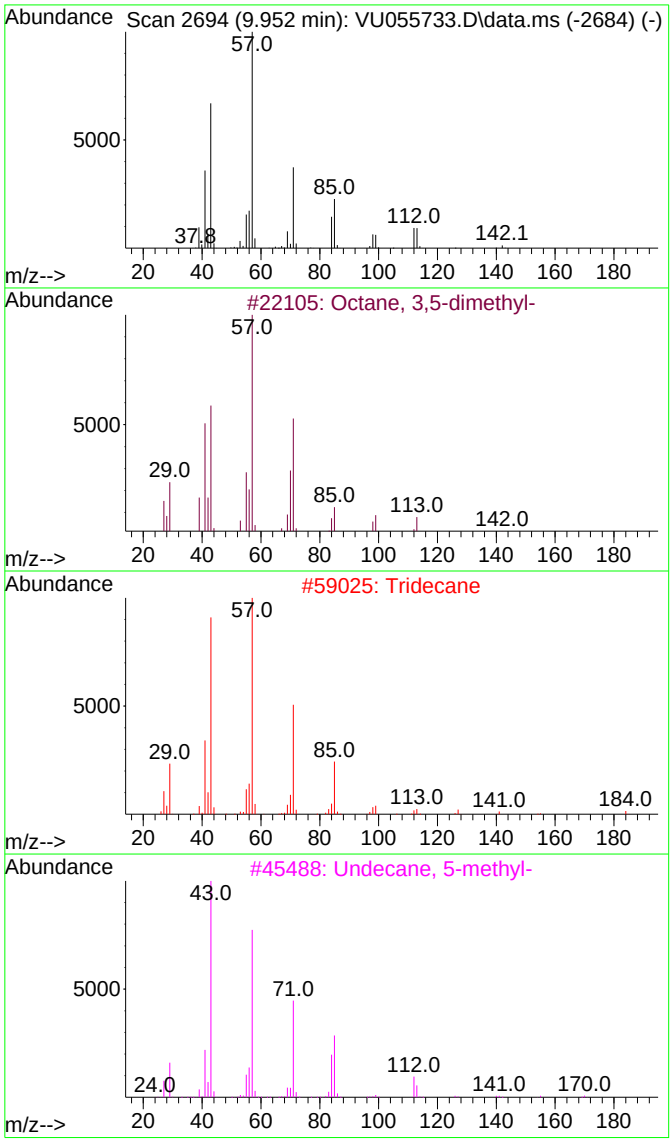
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

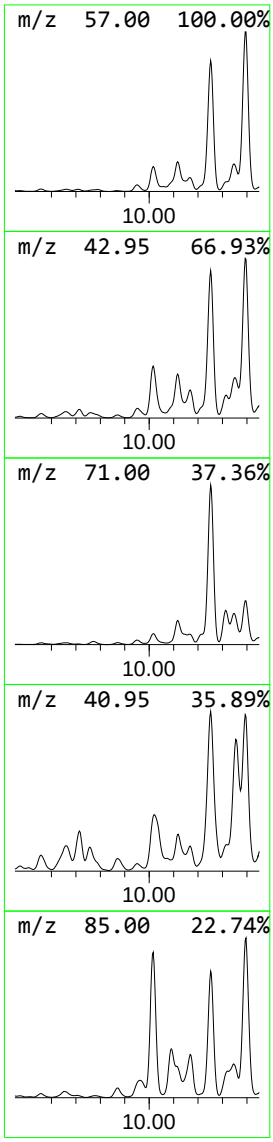
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.952	32.14 ug/L	947949	Chlorobenzene-d5	9.422

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	53
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	47
4	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	47
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

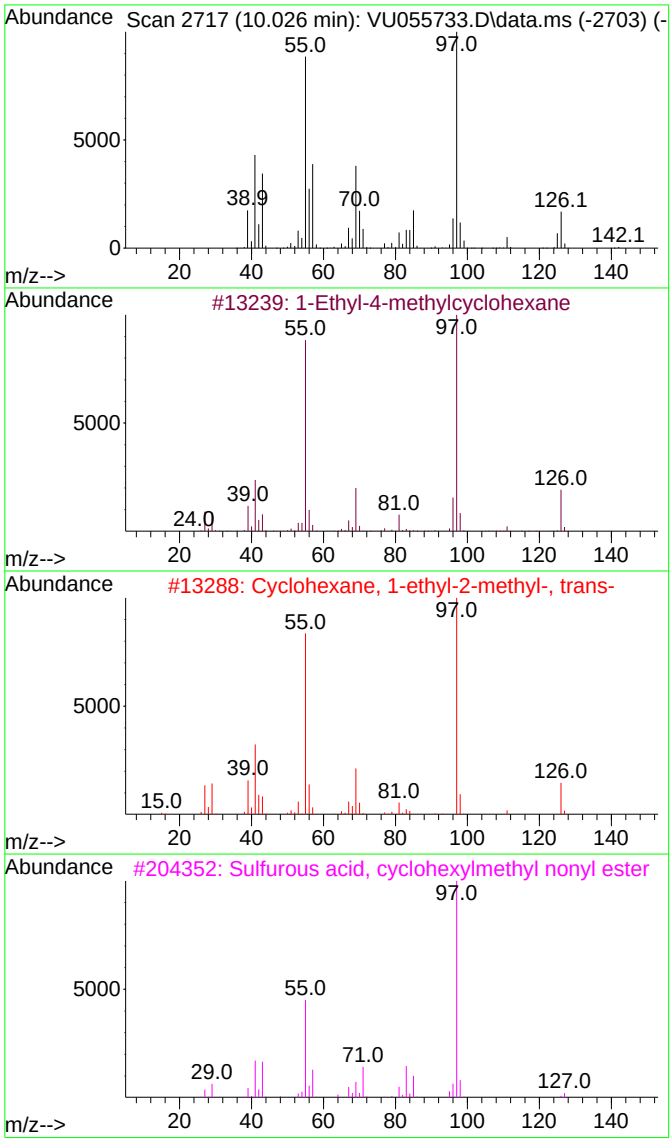
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

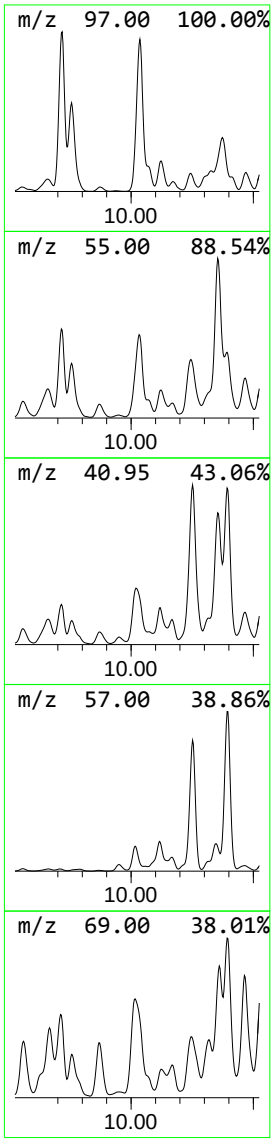
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.026	540.78 ug/L	15950700	Chlorobenzene-d5	9.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	76
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	68
3	Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	64
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	64
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

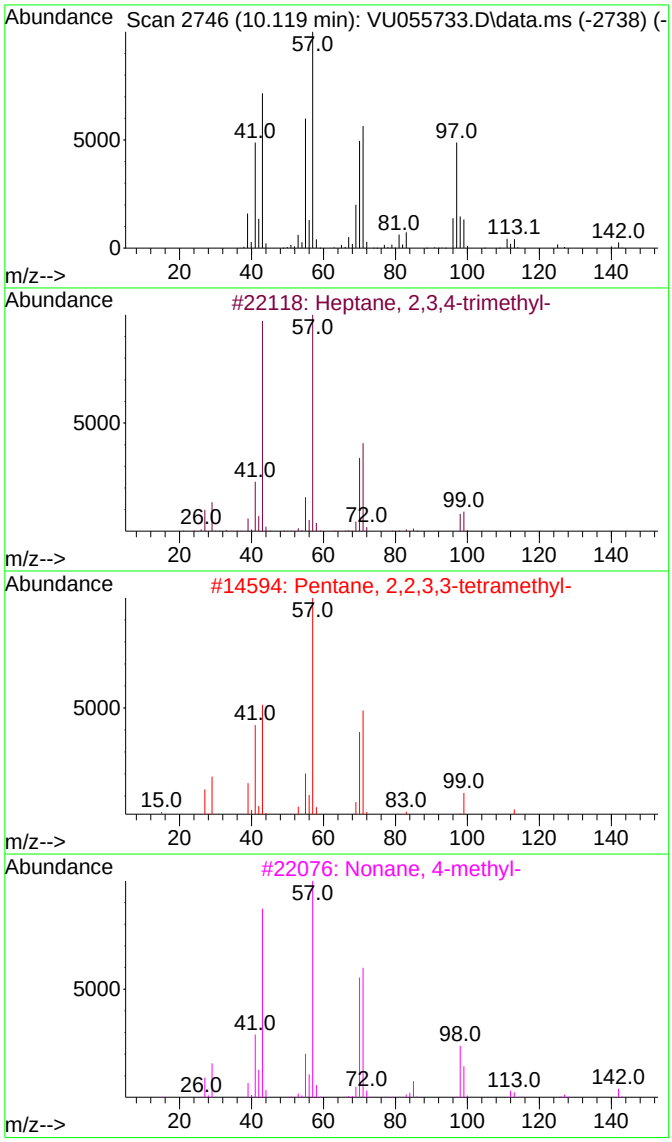
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

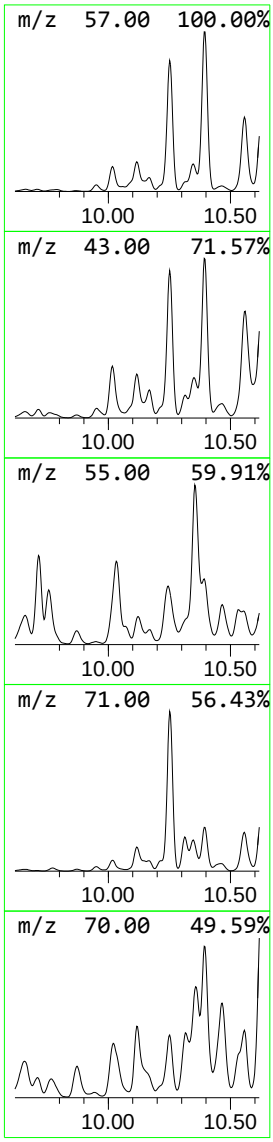
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.119	132.18 ug/L	3898850	Chlorobenzene-d5	9.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	50
2	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	50
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	49
4	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	43
5	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

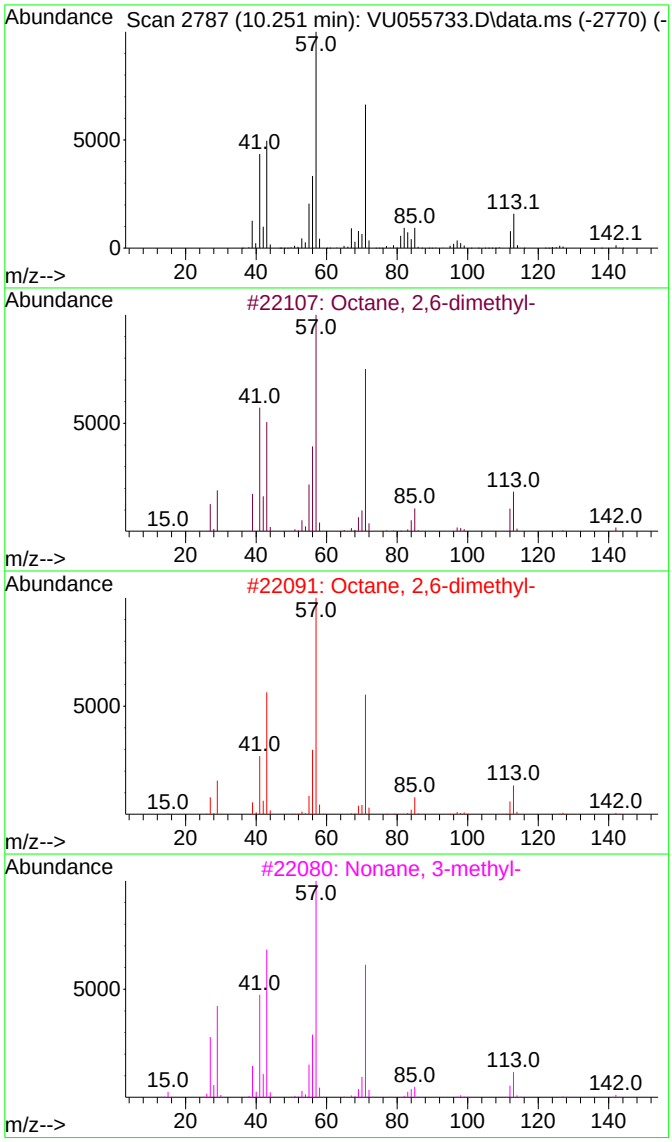
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

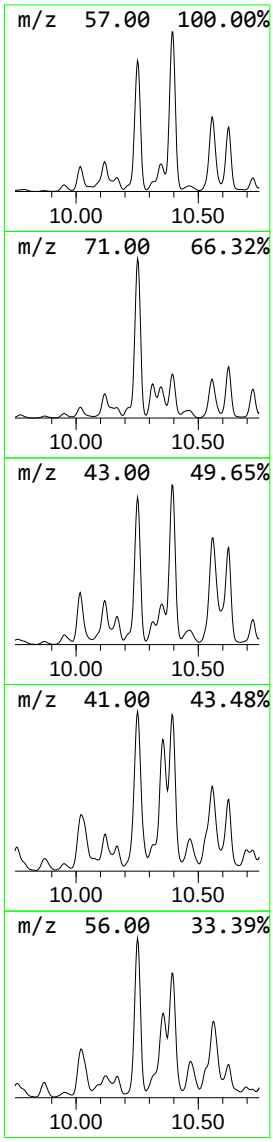
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.251	978.24 ug/L	28854100	Chlorobenzene-d5	9.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	93
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	87
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

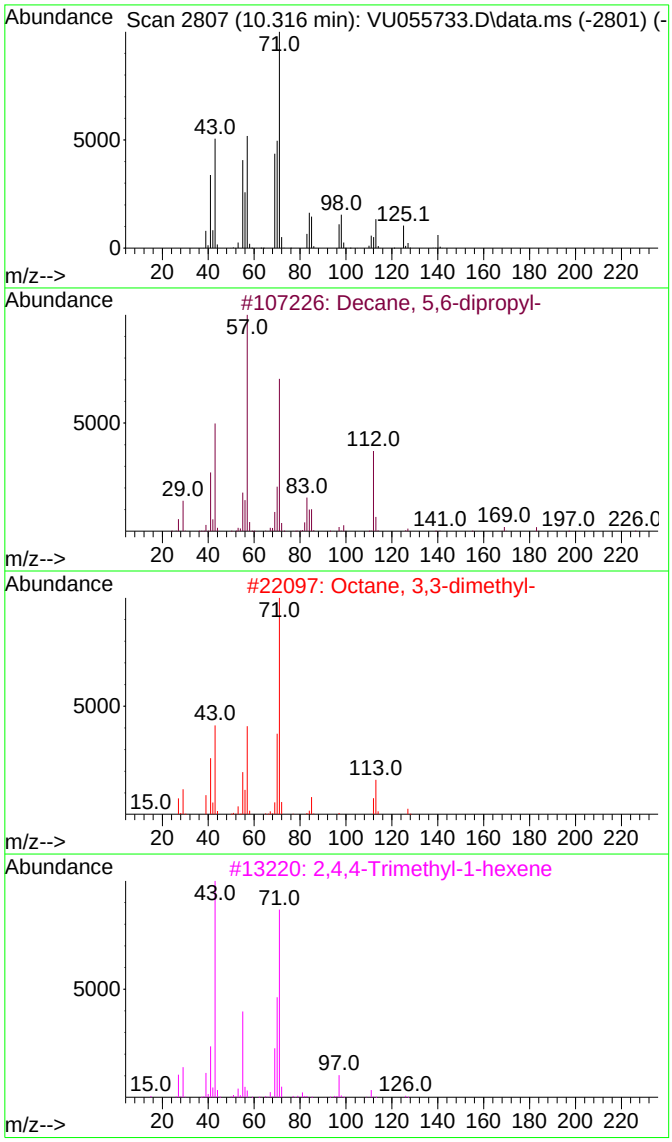
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

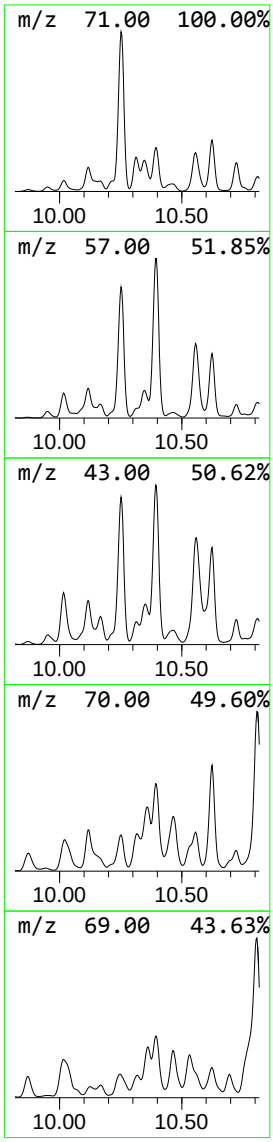
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.316	90.65 ug/L	2673670	Chlorobenzene-d5	9.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	59
2	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	53
3	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	52
4	Isobutyl isopentyl carbonate	188	C10H20O3	1000372-76-3	50
5	Sulfurous acid, octyl 2-pentyl e...	264	C13H28O3S	1000309-15-7	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

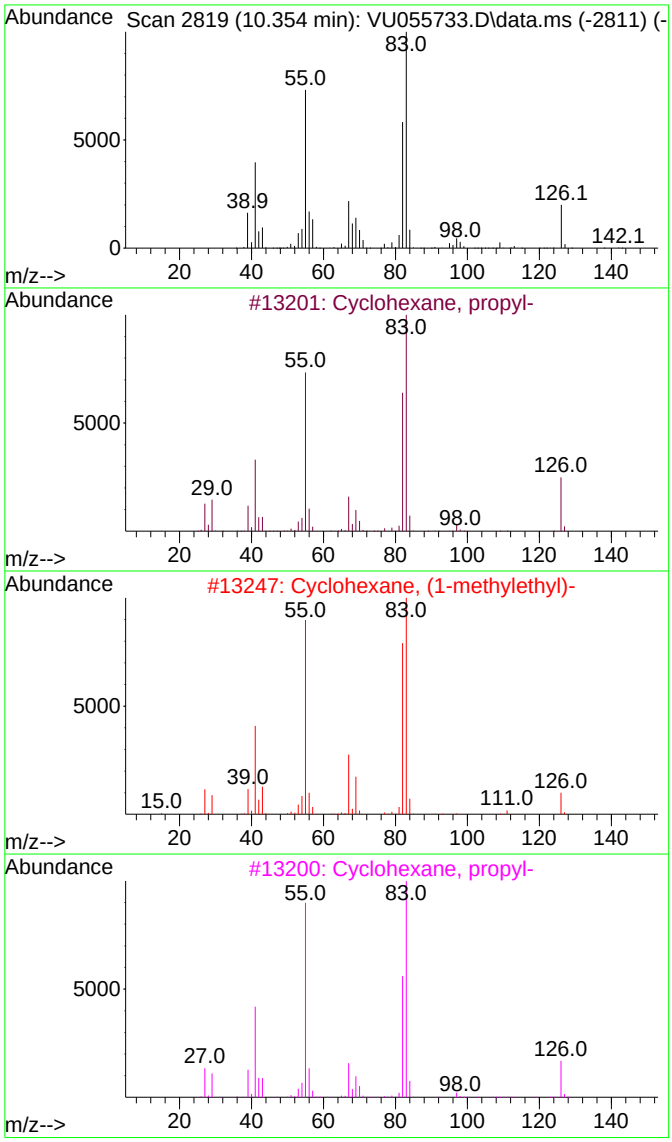
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

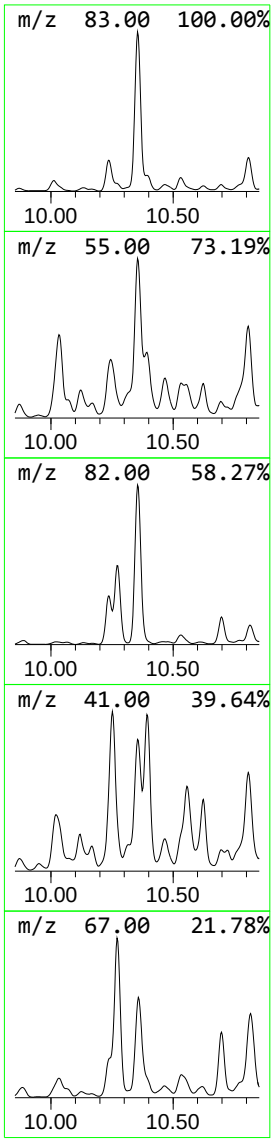
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Cyclic10.354 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.354	710.71 ug/L	20962900	Chlorobenzene-d5	9.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	93
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	87
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

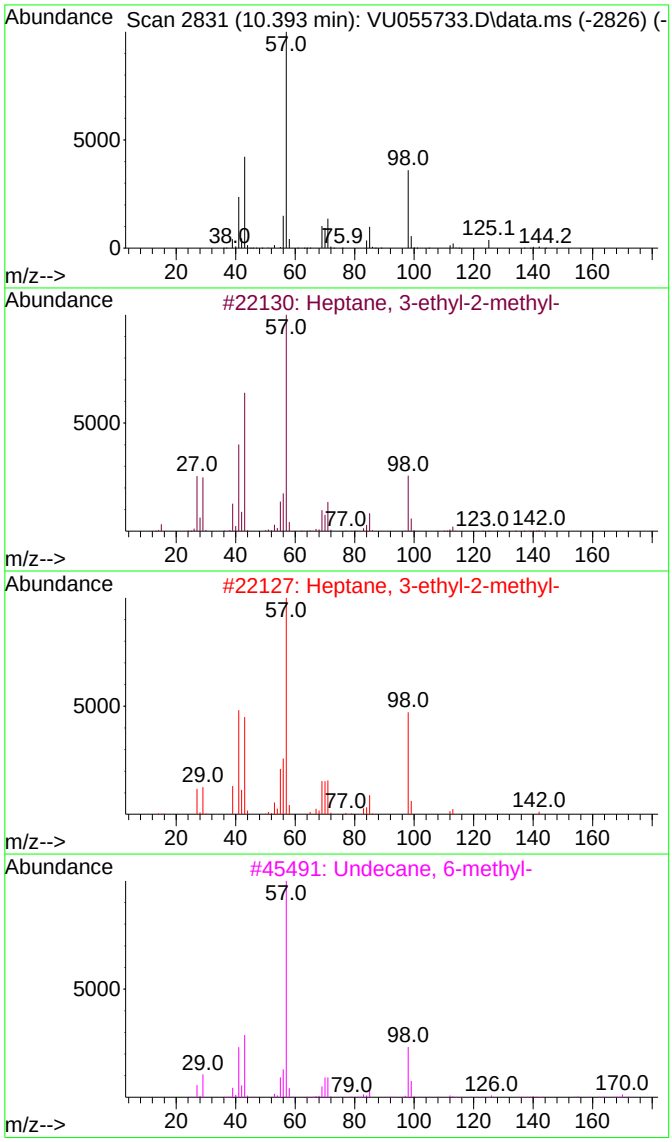
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

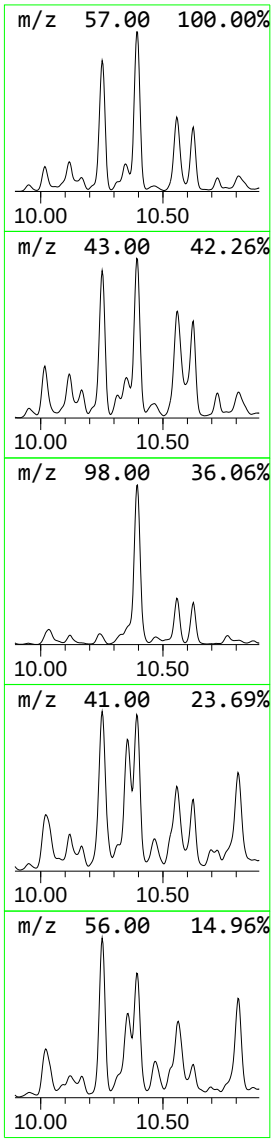
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.393	672.47 ug/L	19835000	Chlorobenzene-d5	9.422

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	83
3	Undecane, 6-methyl-	170	C12H26	017302-33-9	64
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
5	Heptane, 4-propyl-	142	C10H22	003178-29-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

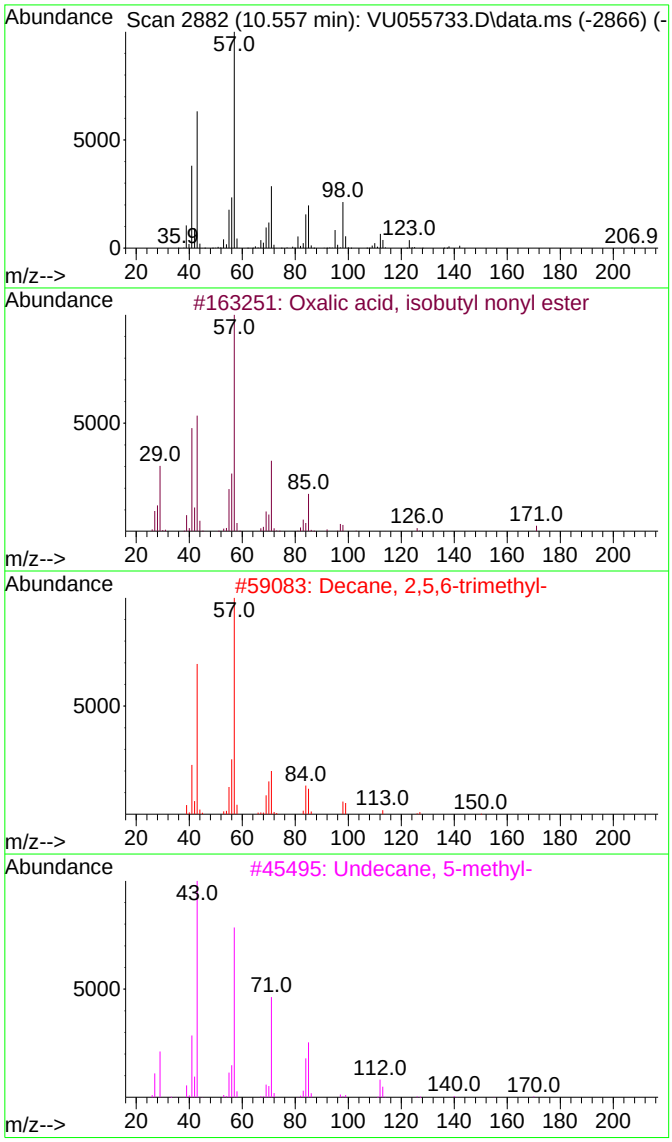
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

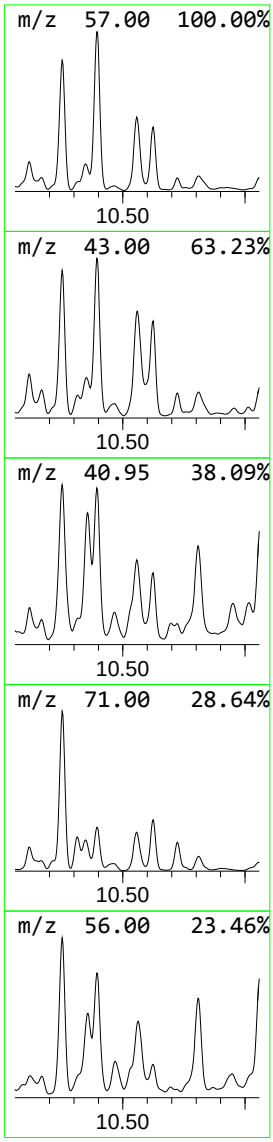
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.557	544.59 ug/L	16063000	Chlorobenzene-d5	9.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	52
2	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	47
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	47
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	43
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

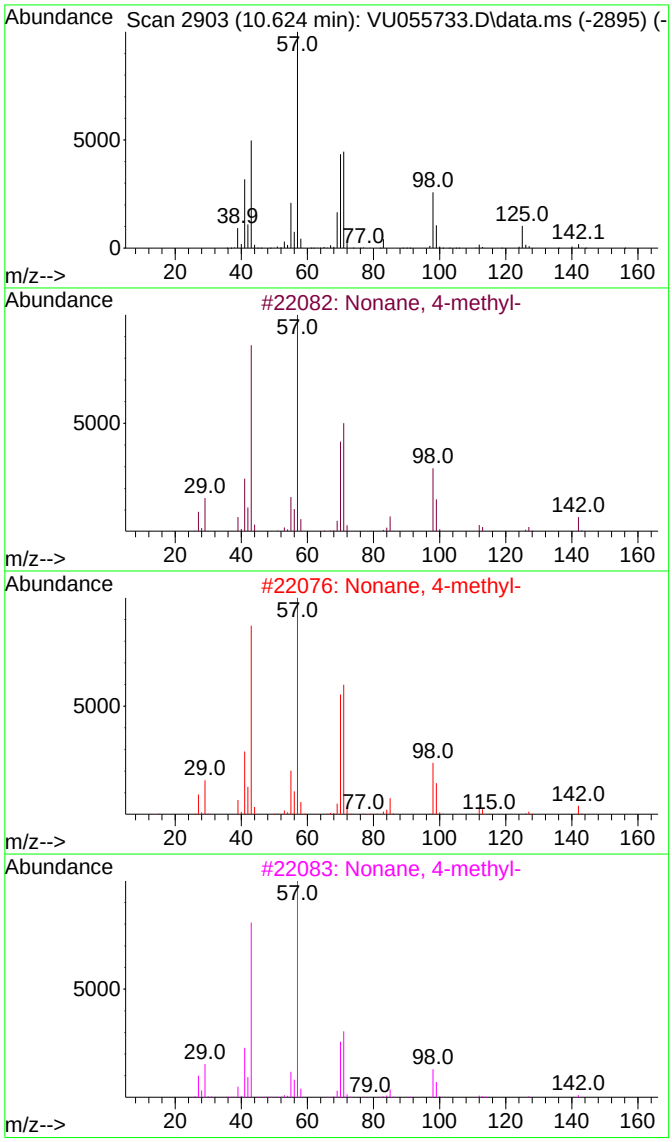
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

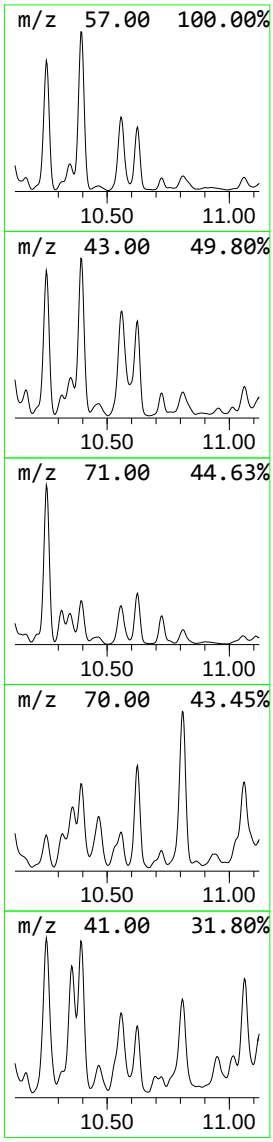
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.624	32.47 ug/L	10432000	1,4-Dichlorobenzene-d4	11.814

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	59
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	53
4	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	53
5	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

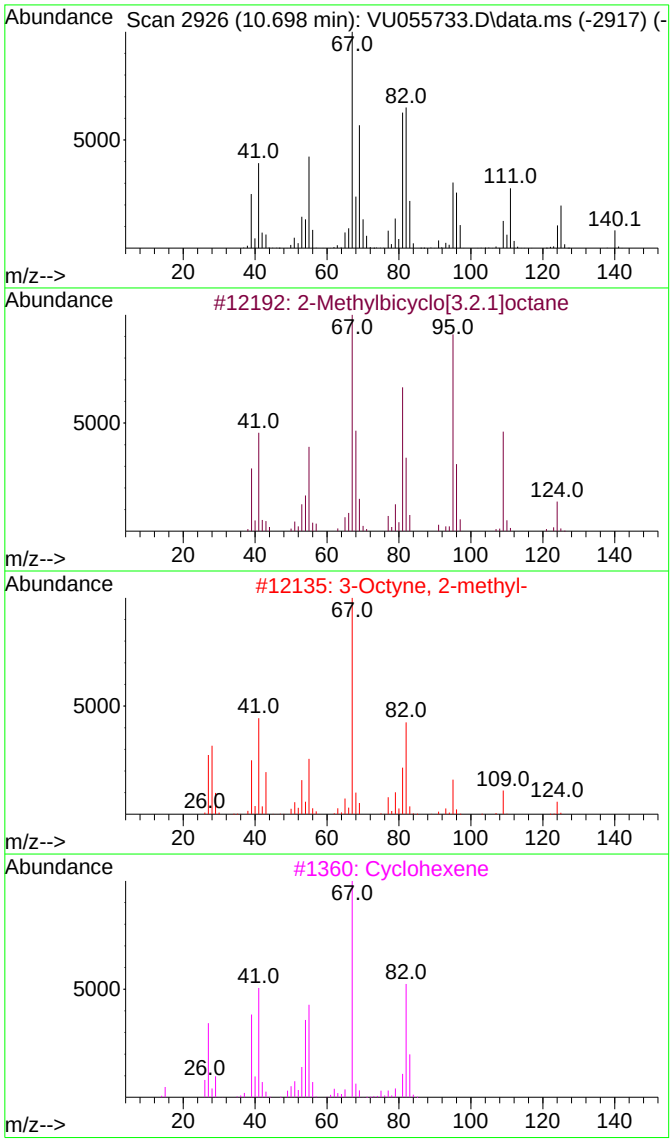
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

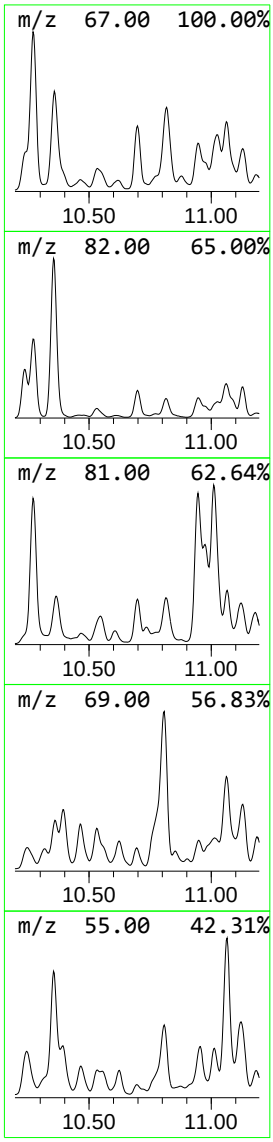
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 2-Methylbicyclo[3.2.1]octane Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.698	11.98 ug/L	3850290	1,4-Dichlorobenzene-d4	11.814

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylbicyclo[3.2.1]octane	124	C9H16	1010215-28-0	50
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	45
5	1-Hexadecyne	222	C16H30	000629-74-3	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

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

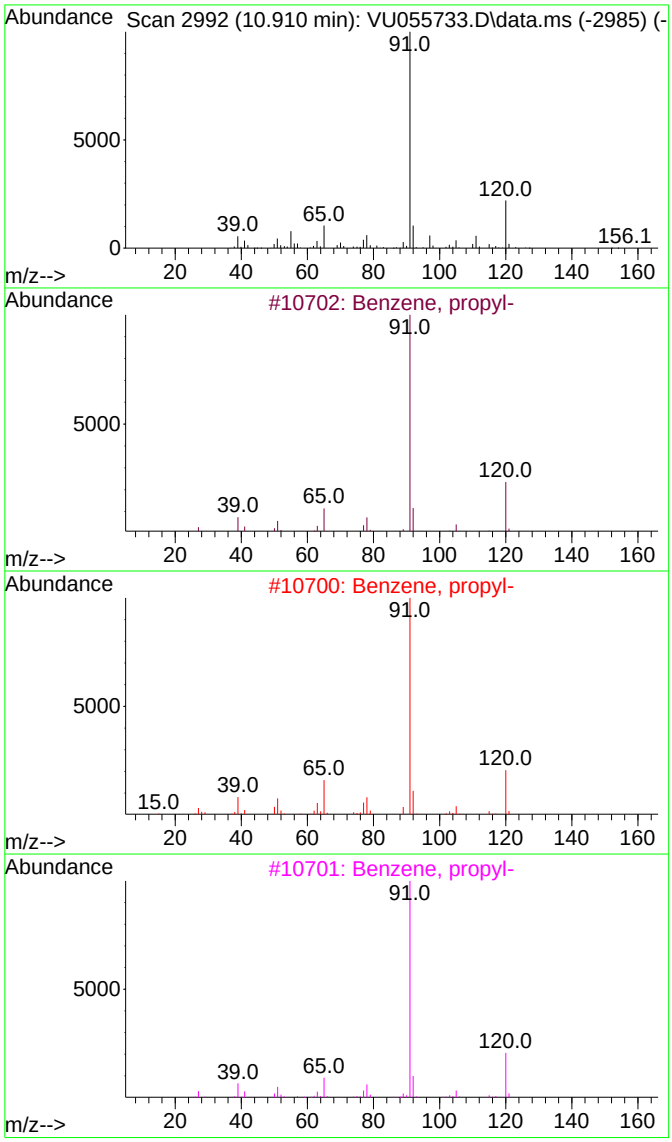
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

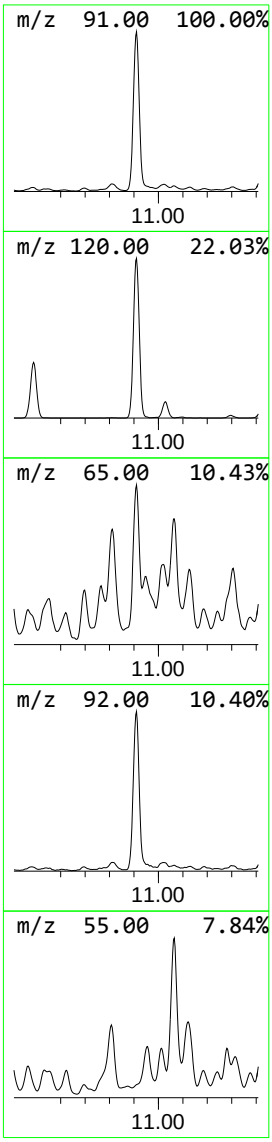
****

Peak Number 37 Benzene, propyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.910	5.53 ug/L	1776770	1,4-Dichlorobenzene-d4	11.814

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	74
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

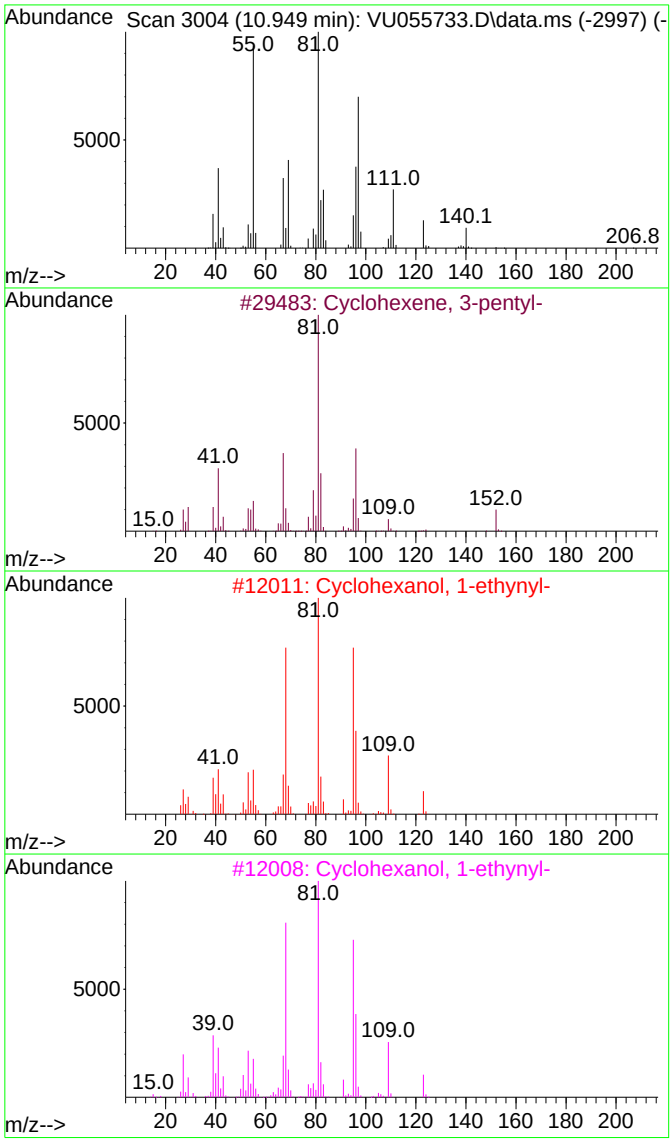
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

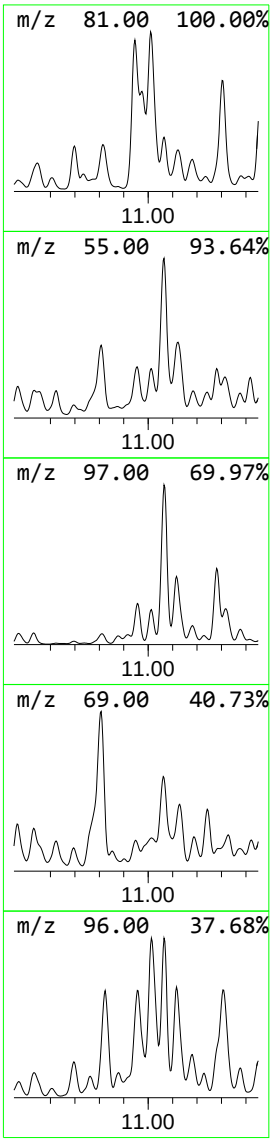
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 Cyclohexene, 3-pentyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.949	22.87 ug/L	7348420	1,4-Dichlorobenzene-d4	11.814

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-pentyl-	152	C11H20	015232-92-5	53
2	Cyclohexanol, 1-ethynyl-	124	C8H12O	000078-27-3	43
3	Cyclohexanol, 1-ethynyl-	124	C8H12O	000078-27-3	43
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	38
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

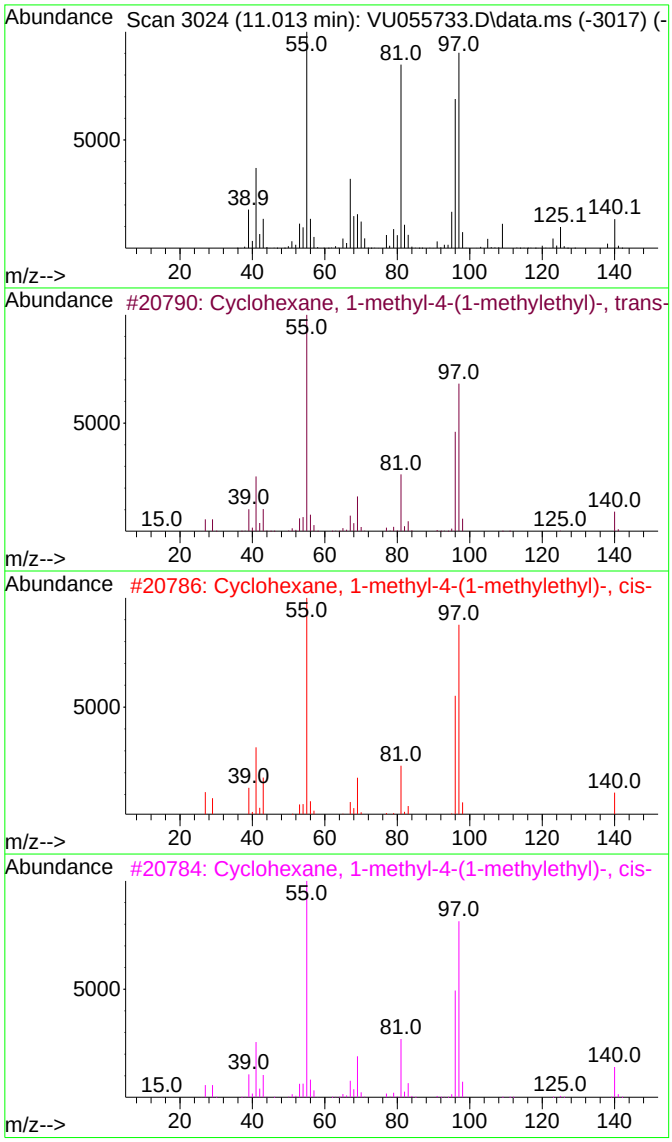
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

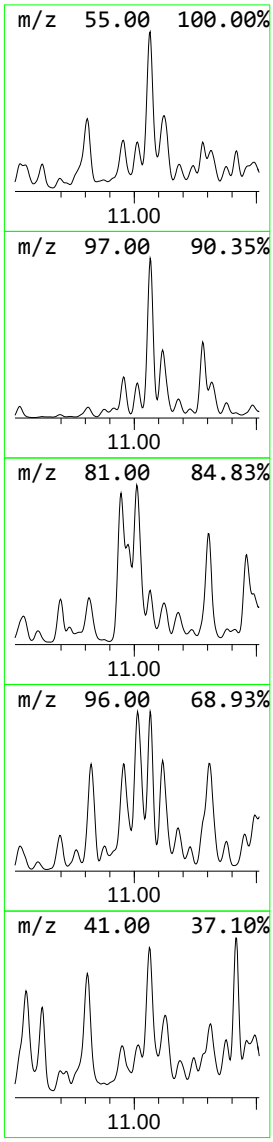
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Cyclic11.013 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.013	20.22 ug/L	6497040	1,4-Dichlorobenzene-d4	11.814

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	49
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	49
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	49
4	6-Methyl-bicyclo[4.2.0]octan-7-one	138	C9H14O	1010193-87-2	49
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

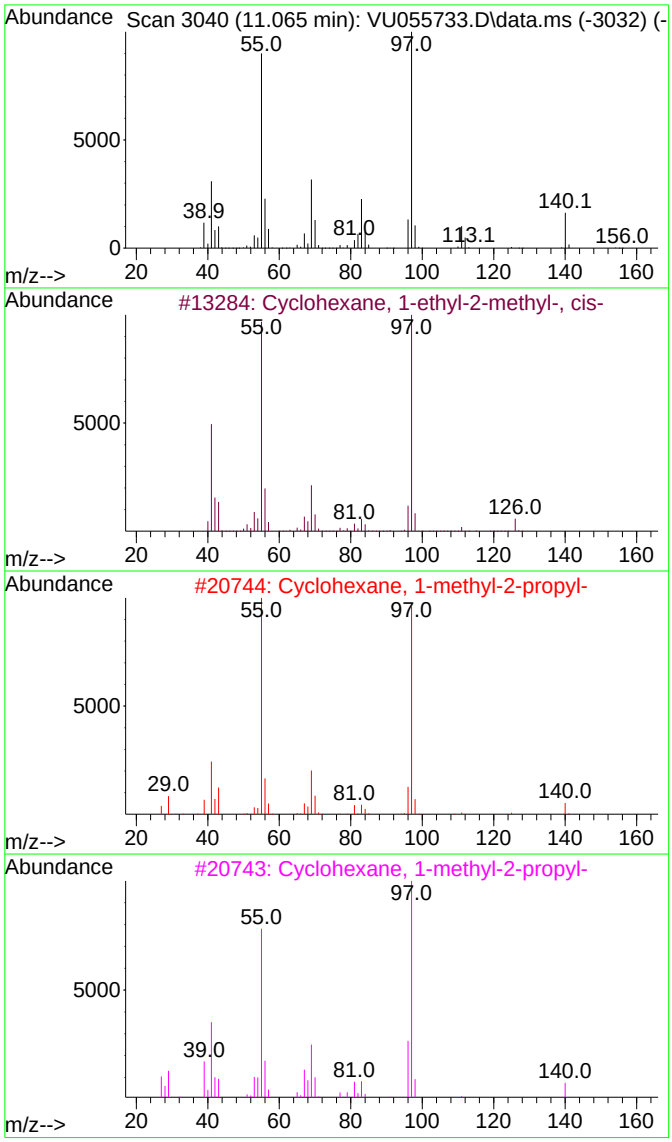
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

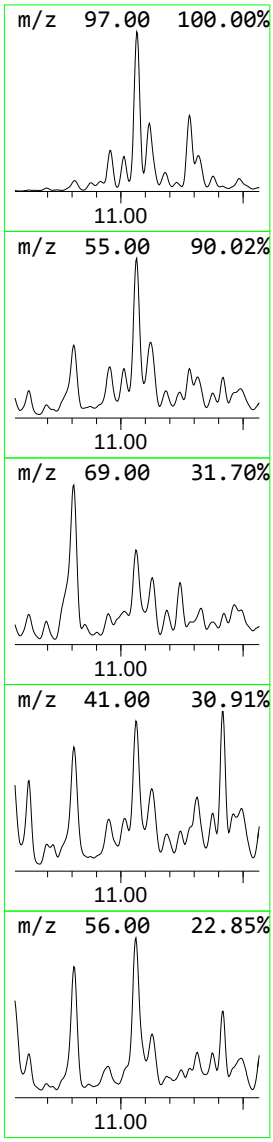
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Cyclic11.065 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.065	60.10 ug/L	19310900	1,4-Dichlorobenzene-d4	11.814

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	64
2	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	64
3	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	59
4	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	58
5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

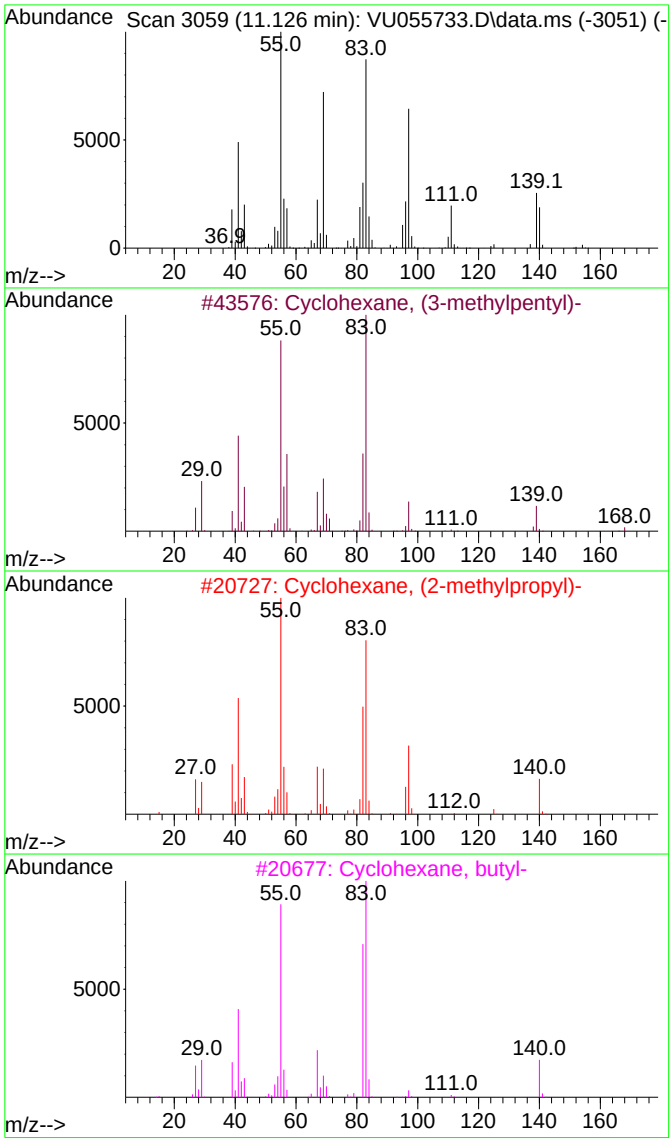
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

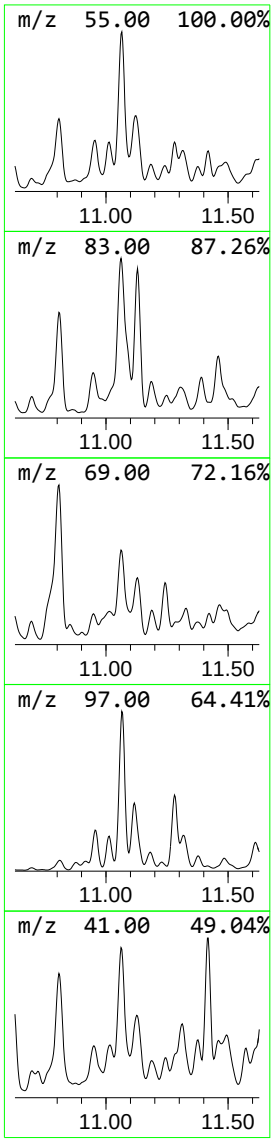
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 (DEL) Alkane: Cyclic11.126 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.126	36.67 ug/L	11782500	1,4-Dichlorobenzene-d4	11.814

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (3-methylpentyl)-	168	C12H24	061142-38-9	50
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	43
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	41
4	1-Cyclohexylethanol, pentafluoro...	274	C11H15F5O2	1000365-50-1	38
5	Propanedinitrile, cyclohexyl(2-m...	244	C16H24N2	074764-55-9	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

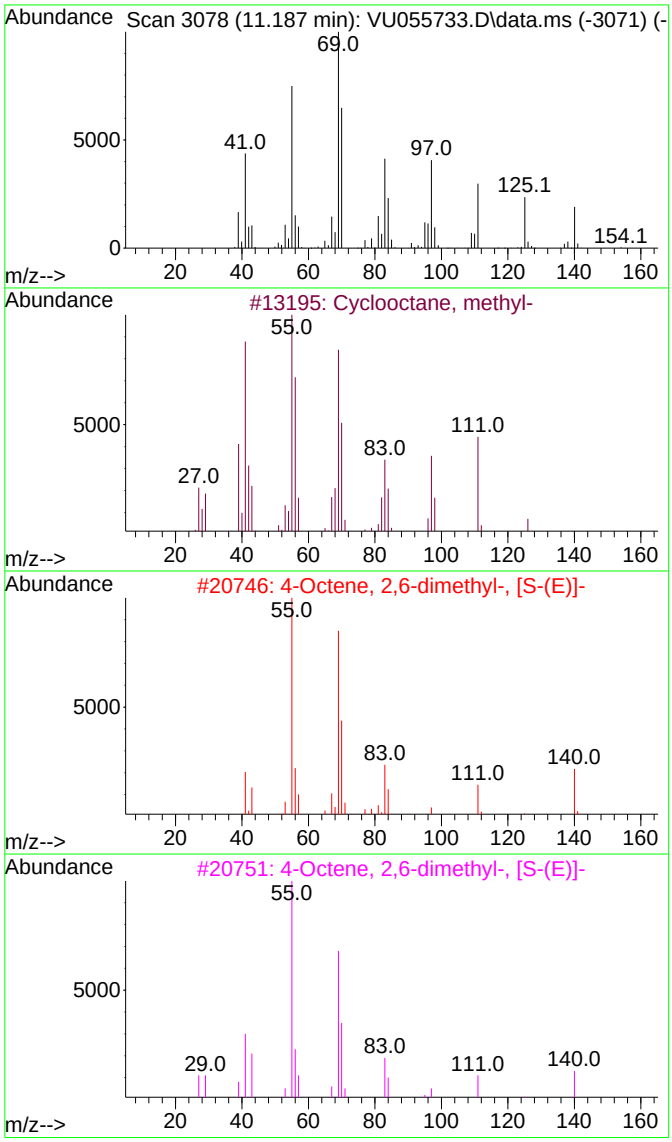
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

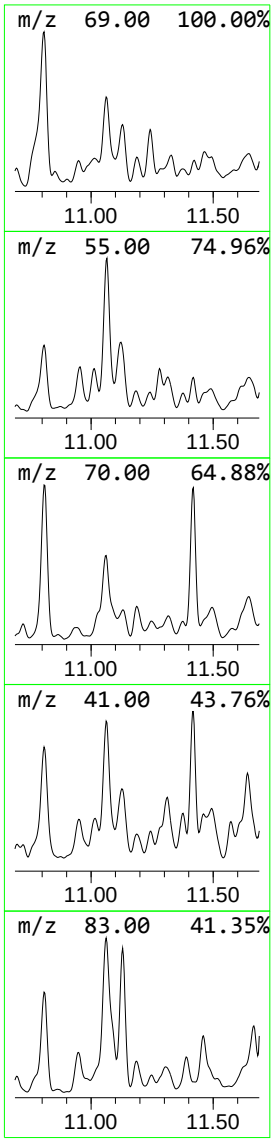
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Cyclic11.187 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.187	8.61 ug/L	2765930	1,4-Dichlorobenzene-d4	11.814

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, methyl-	126	C9H18	001502-38-1	81
2	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	76
3	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	64
4	Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	58
5	3-Octene, 4-ethyl-	140	C10H20	053966-51-1	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

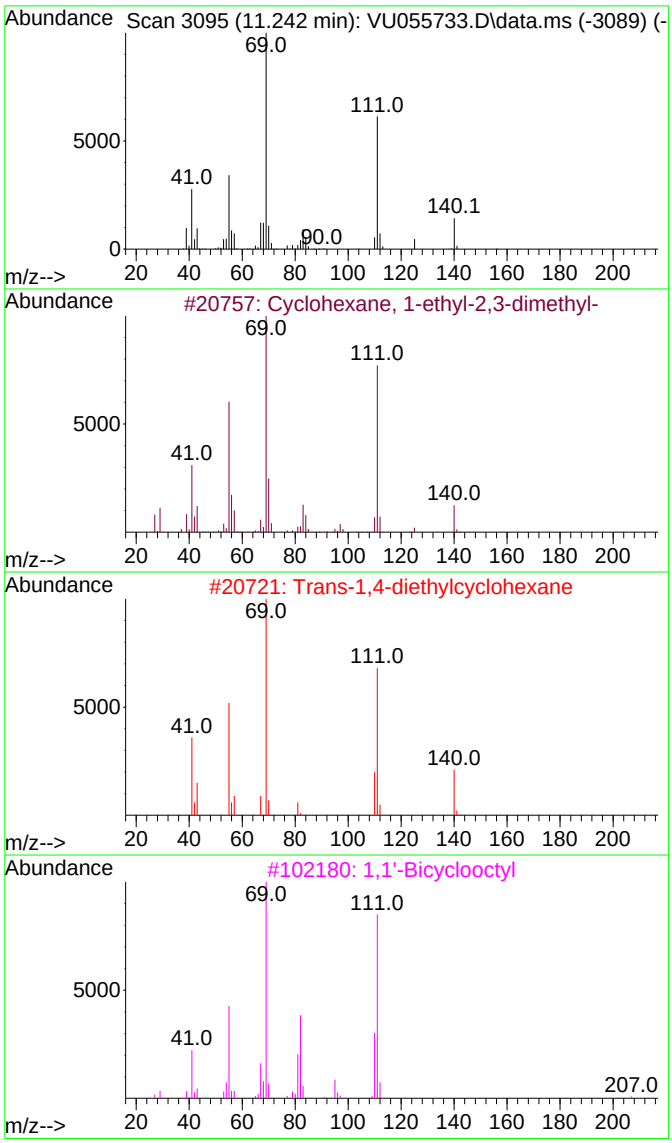
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

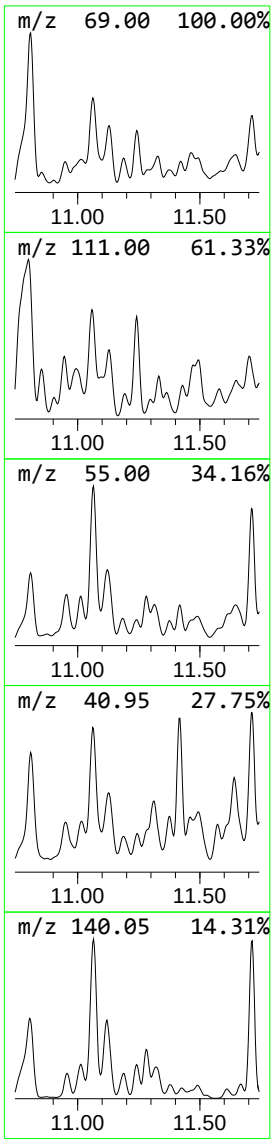
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Cyclic11.242 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.242	7.09 ug/L	2277180	1,4-Dichlorobenzene-d4	11.814

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	80
2	Trans-1,4-diethylcyclohexane	140	C10H20	013990-93-7	74
3	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	72
4	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	72
5	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

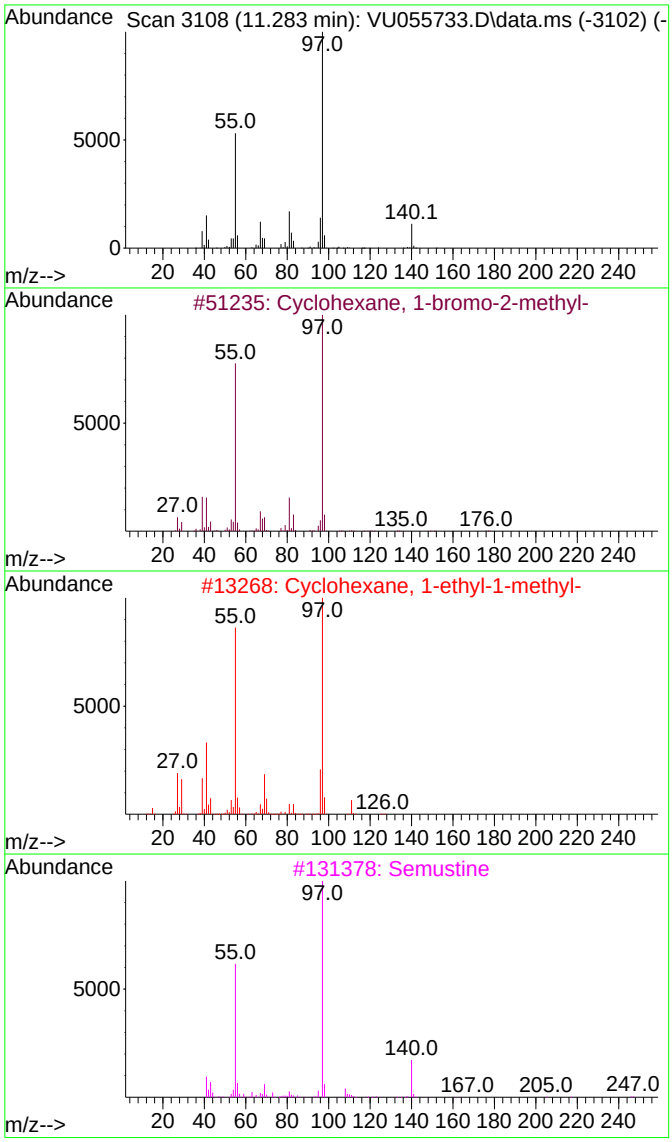
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

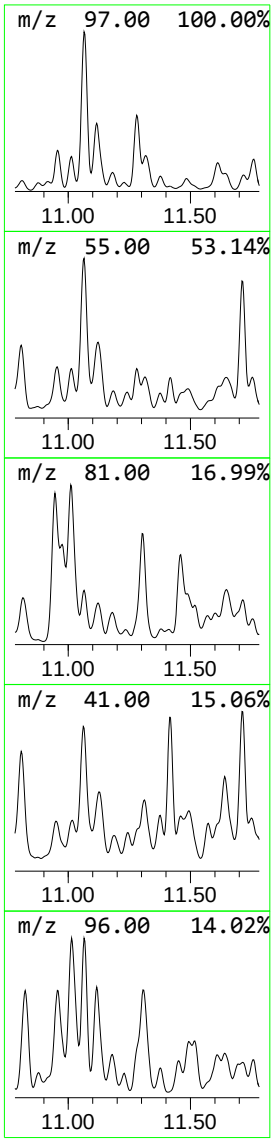
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Cyclohexane, 1-bromo-2-methyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.283	5.25 ug/L	1687220	1,4-Dichlorobenzene-d4	11.814

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	72
2	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	64
3	Semustine	247	C10H18ClN3O2	013909-09-6	59
4	Oxazole, 4,5-dimethyl-	97	C5H7NO	020662-83-3	53
5	2-Pyrazoline, 1-isobutyl-3-methyl-	140	C8H16N2	026964-53-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

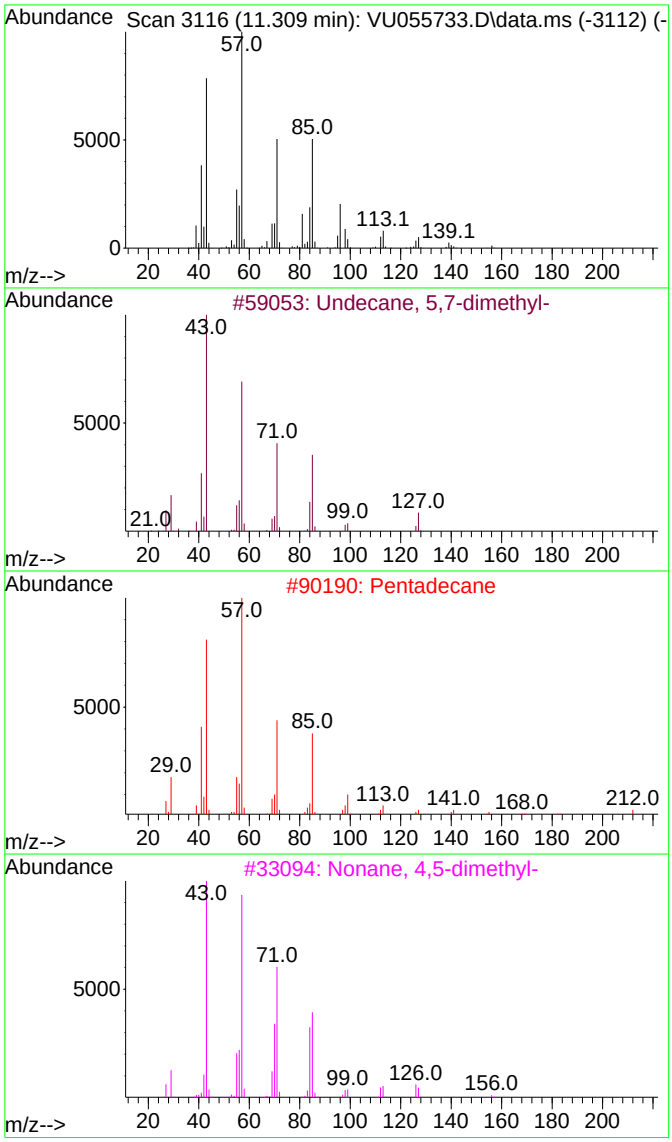
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

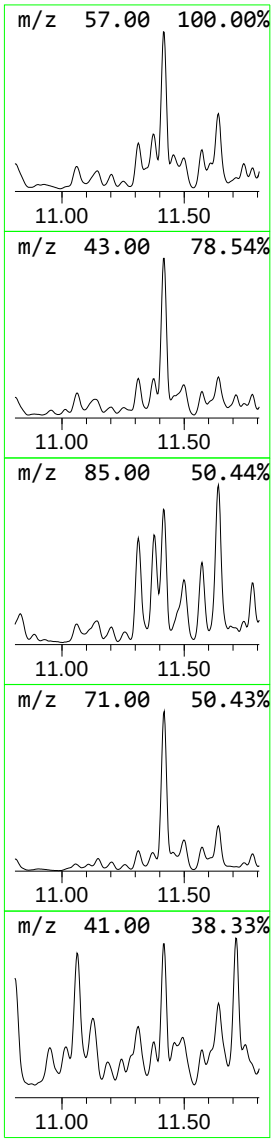
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.309	24.44 ug/L	7851360	1,4-Dichlorobenzene-d4	11.814

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	64
2	Pentadecane	212	C15H32	000629-62-9	64
3	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	60
4	Heptadecane	240	C17H36	000629-78-7	59
5	Heptadecane	240	C17H36	000629-78-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

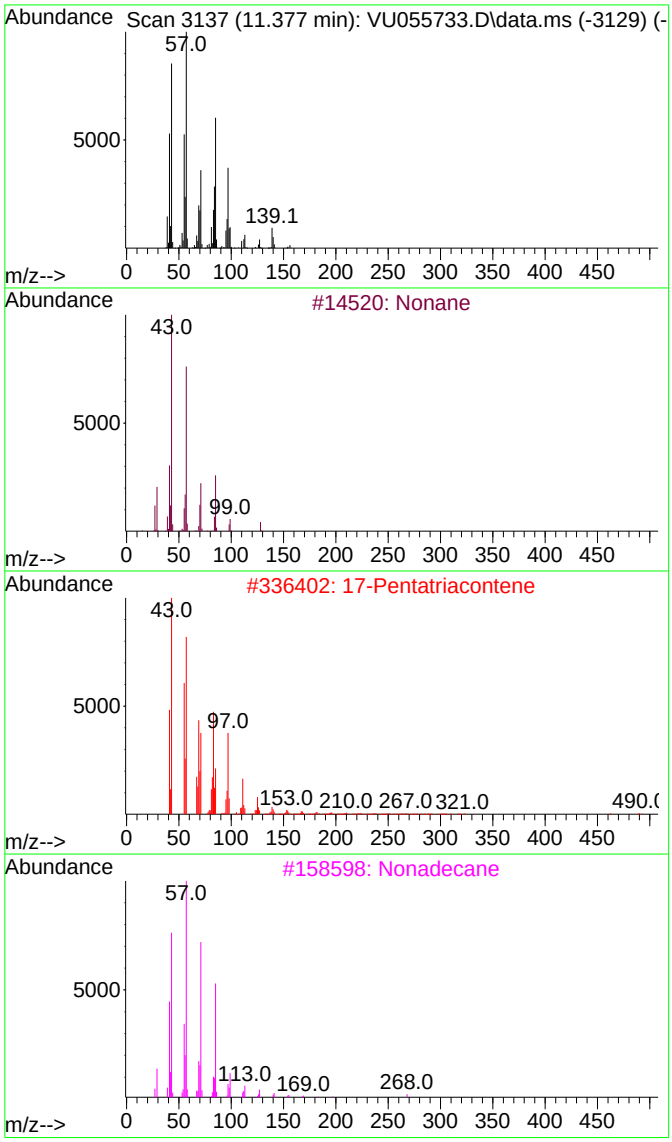
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

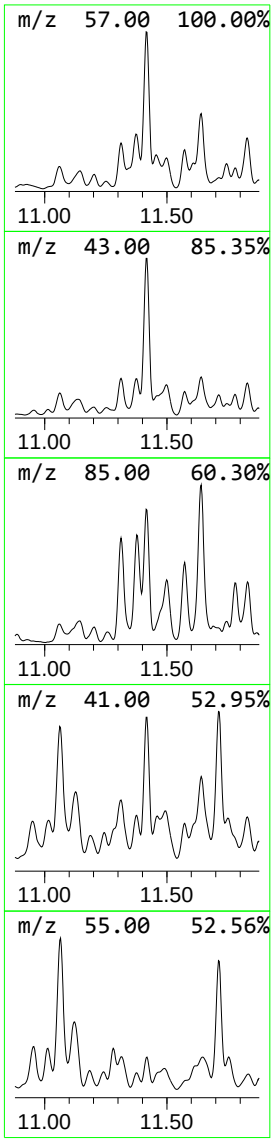
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.377	12.81 ug/L	4114710	1,4-Dichlorobenzene-d4	11.814

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	53
2	17-Pentatriacontene	491	C35H70	006971-40-0	52
3	Nonadecane	268	C19H40	000629-92-5	49
4	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	47
5	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

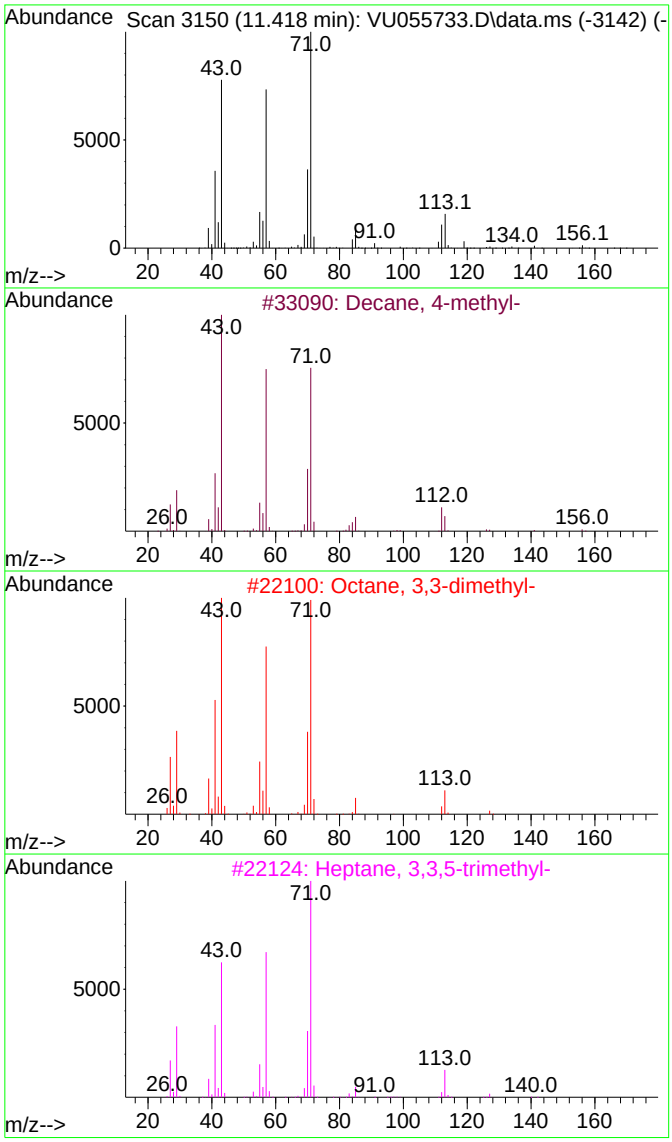
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

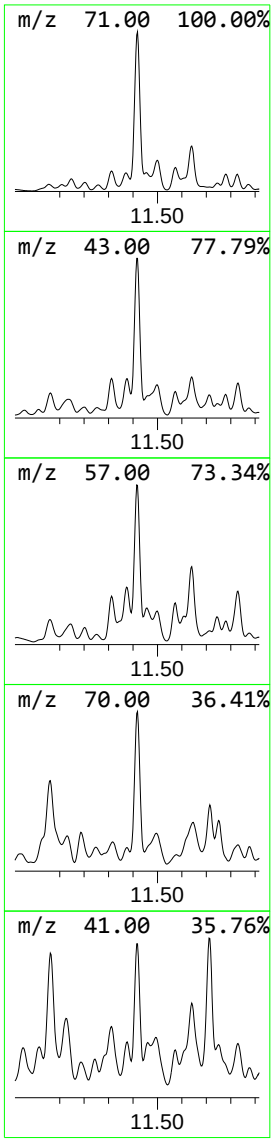
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.418	37.78 ug/L	12139100	1,4-Dichlorobenzene-d4	11.814

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

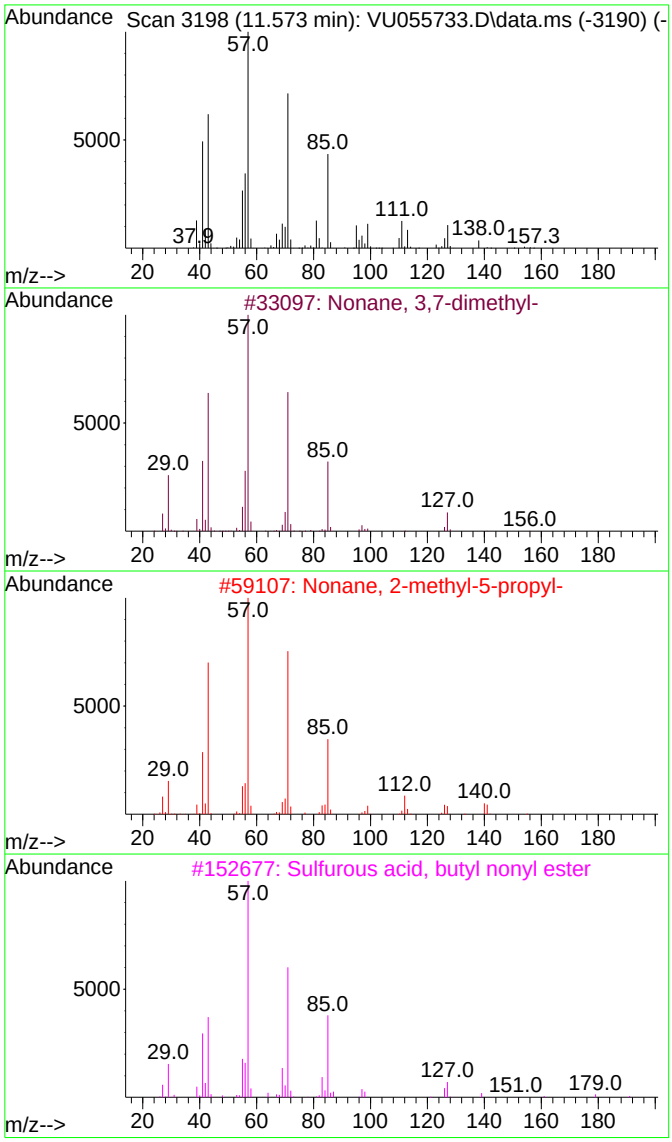
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

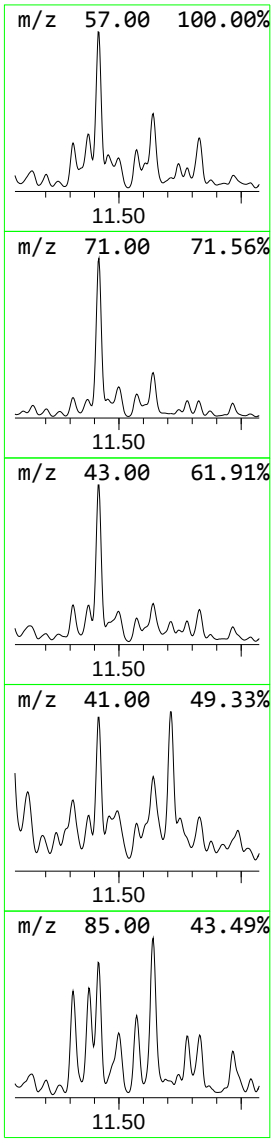
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.573	12.53 ug/L	4025200	1,4-Dichlorobenzene-d4	11.814

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	81
2	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	53
3	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	53
4	Decane, 5-propyl-	184	C13H28	017312-62-8	50
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

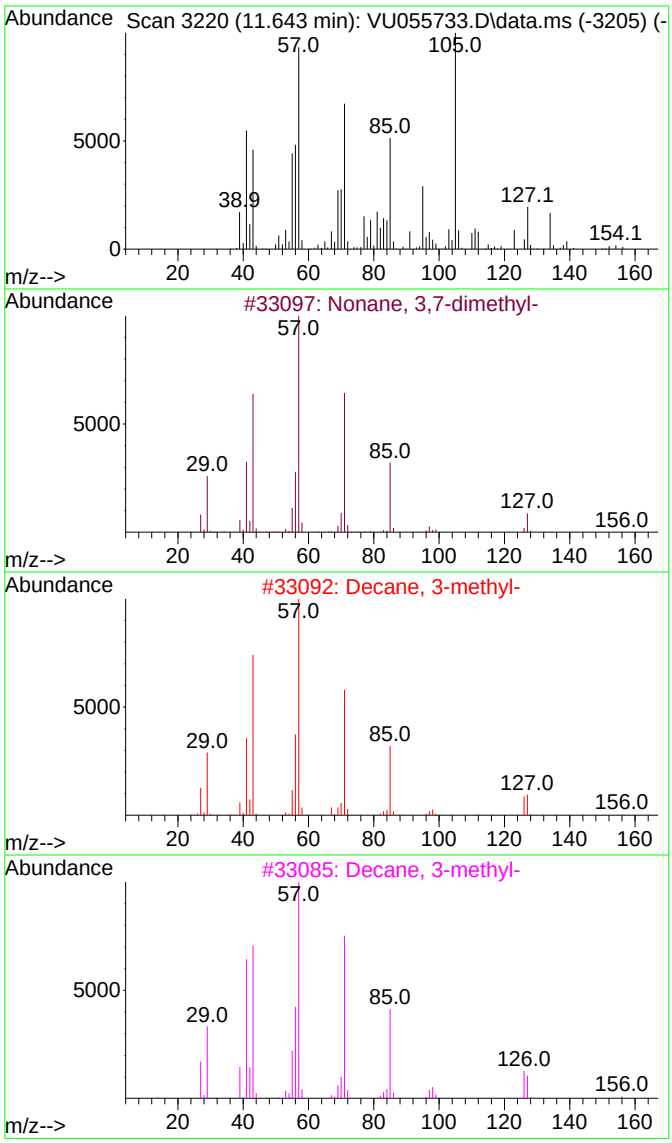
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

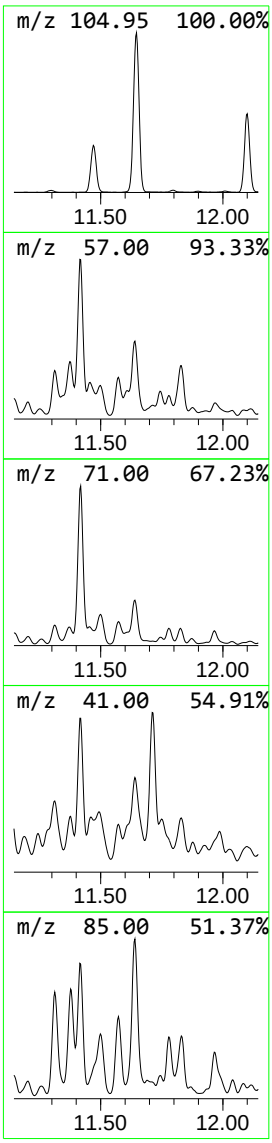
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.644	50.36 ug/L	16179300	1,4-Dichlorobenzene-d4	11.814

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	55
2	Decane, 3-methyl-	156	C11H24	013151-34-3	47
3	Decane, 3-methyl-	156	C11H24	013151-34-3	43
4	10-Methylnonadecane	282	C20H42	056862-62-5	43
5	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

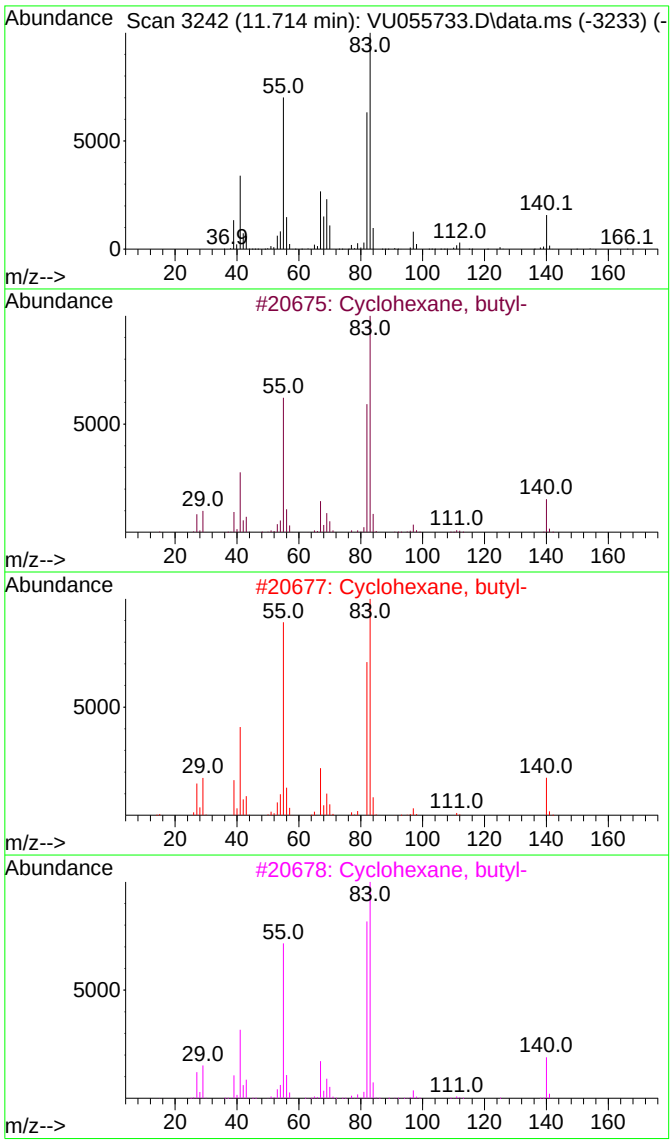
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

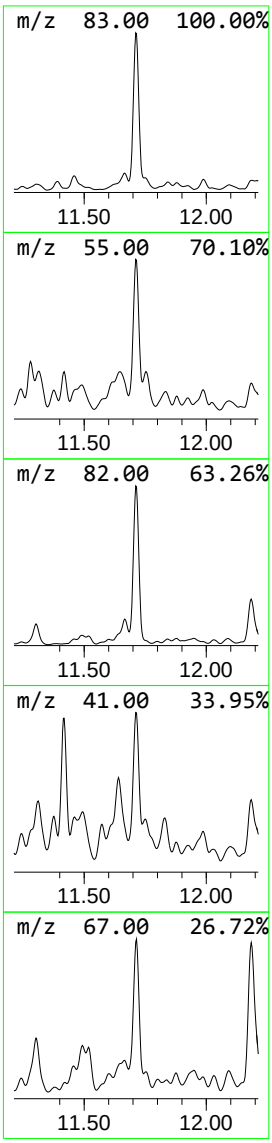
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 (DEL) Alkane: Cyclic11.714 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.714	50.00 ug/L	16064600	1,4-Dichlorobenzene-d4	11.814

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	87
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	83
4	Cyclohexane, undecyl-	238	C17H34	054105-66-7	72
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

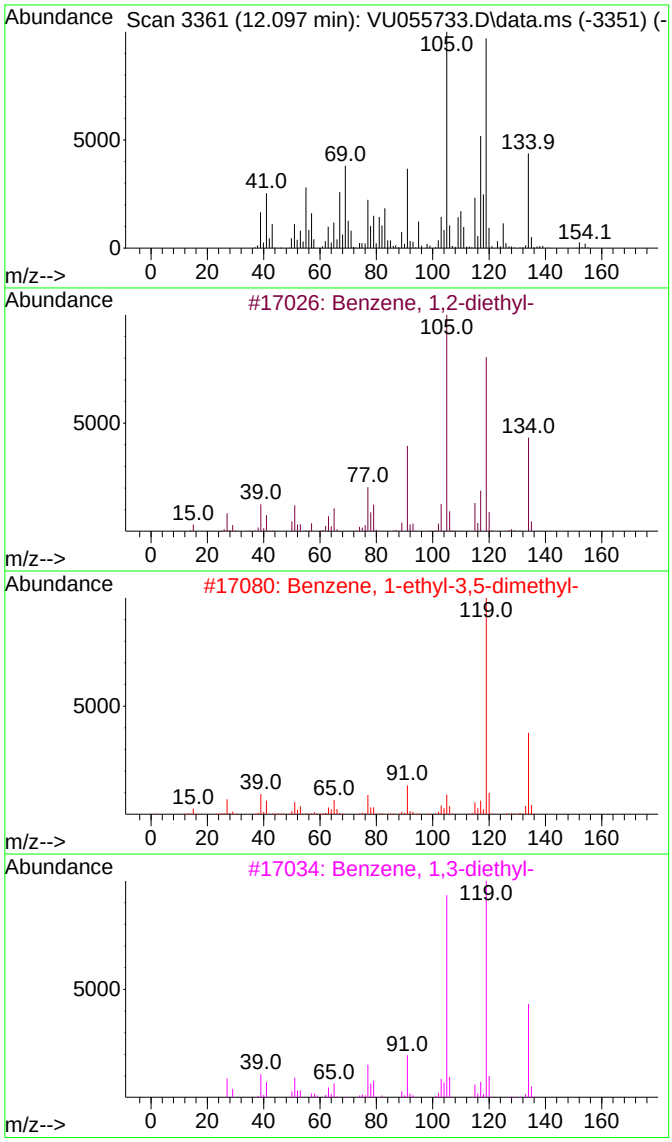
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

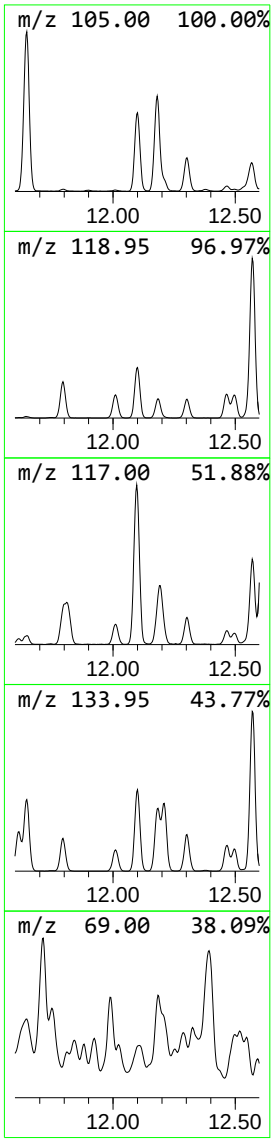
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 Benzene, 1,2-diethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.097	18.68 ug/L	6002280	1,4-Dichlorobenzene-d4	11.814

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	55
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	55
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	55
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

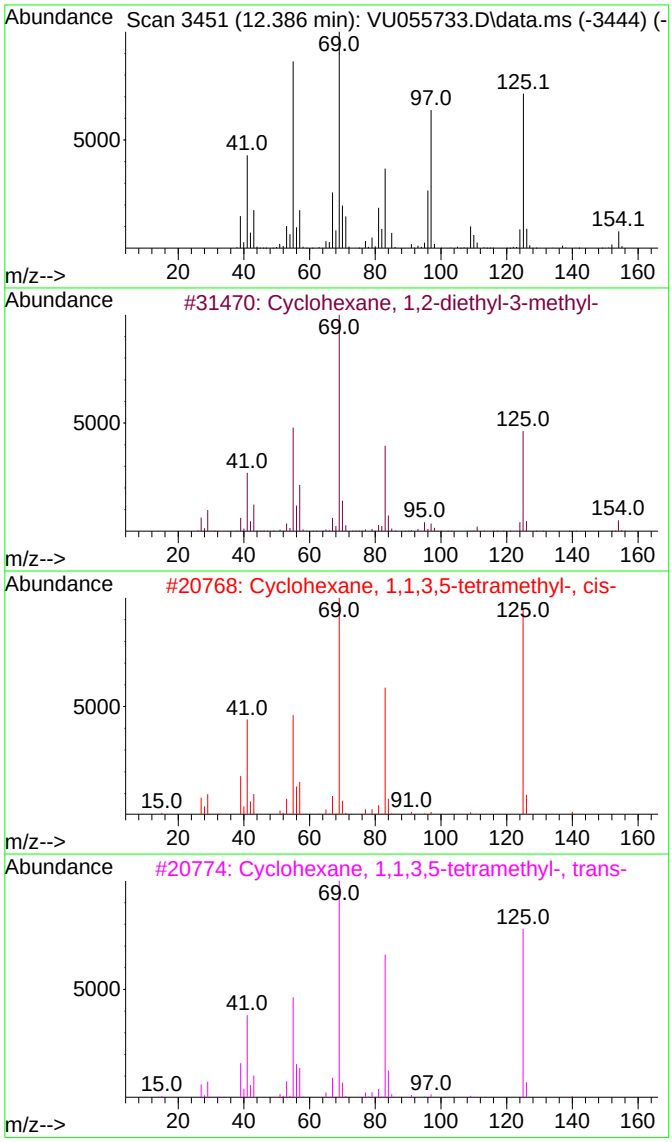
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

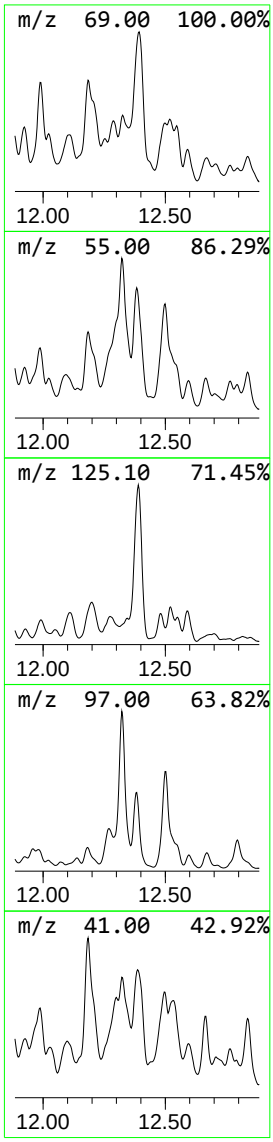
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 (DEL) Alkane: Cyclic12.386 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	29.58 ug/L	9504030	1,4-Dichlorobenzene-d4	11.814

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	50
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	43
3	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	43
4	Cyclohexanecarboxylic acid, 4-pr...	271	C17H21NO2	062439-33-2	43
5	Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

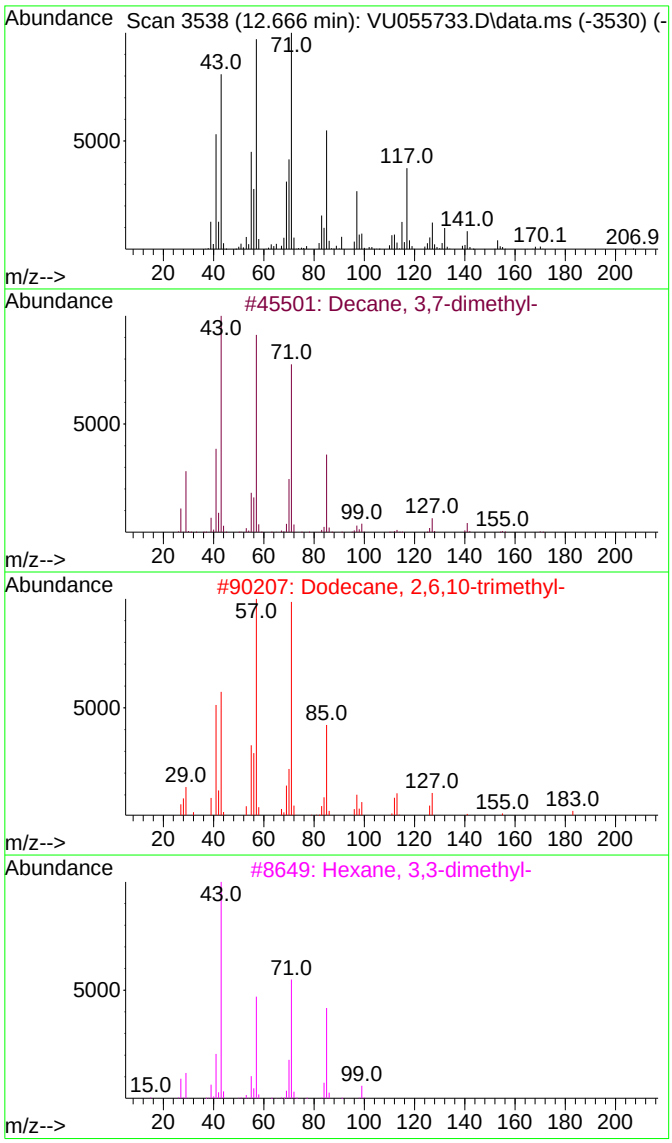
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

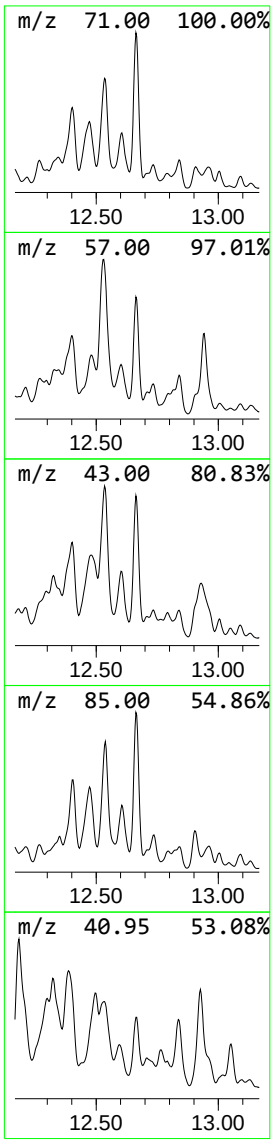
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.666	13.33 ug/L	4284400	1,4-Dichlorobenzene-d4	11.814

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	76
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	58
4	Pentacosane	352	C25H52	000629-99-2	52
5	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

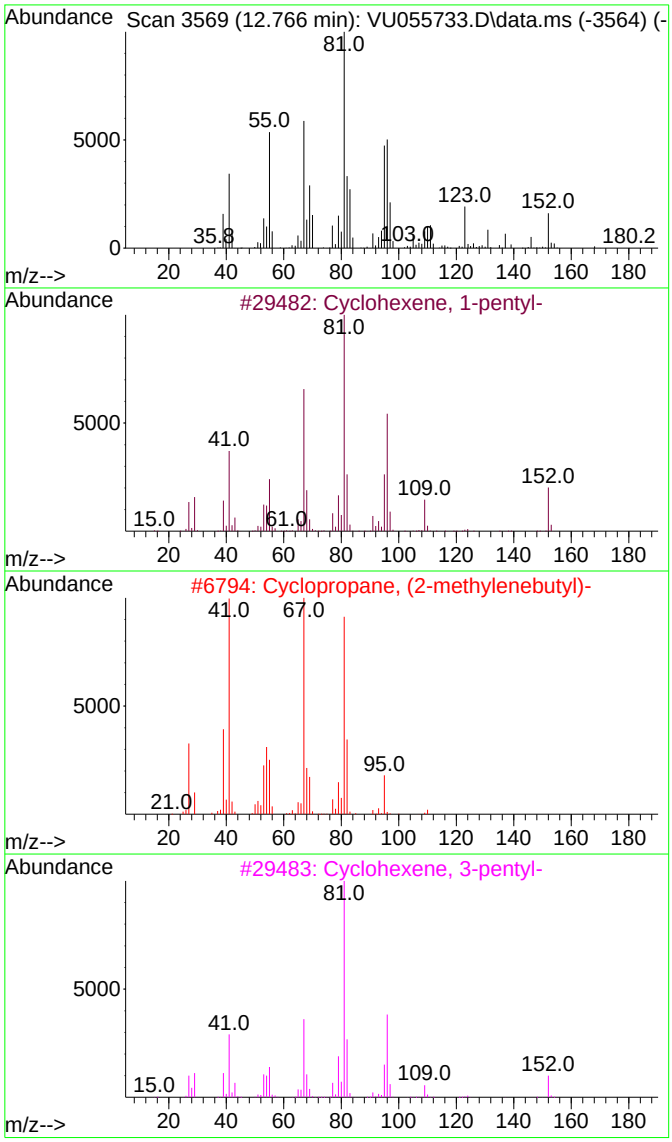
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

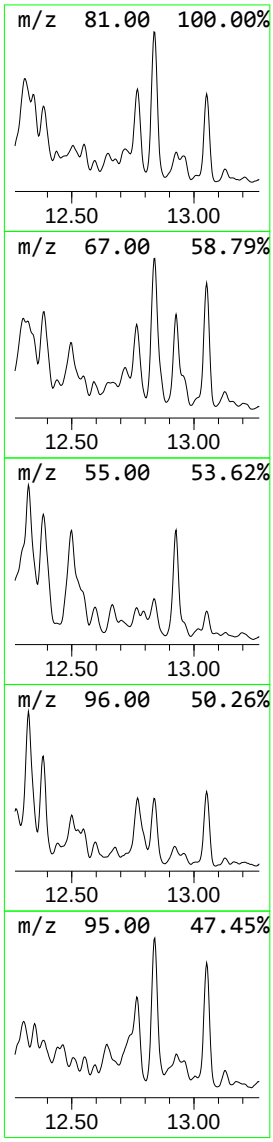
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 Cyclohexene, 1-pentyl- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.766	3.67 ug/L	1179600	1,4-Dichlorobenzene-d4	11.814

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-pentyl-	152	C11H20	015232-85-6	58
2	Cyclopropane, (2-methylenebutyl)-	110	C8H14	074685-56-6	50
3	Cyclohexene, 3-pentyl-	152	C11H20	015232-92-5	49
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	46
5	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

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

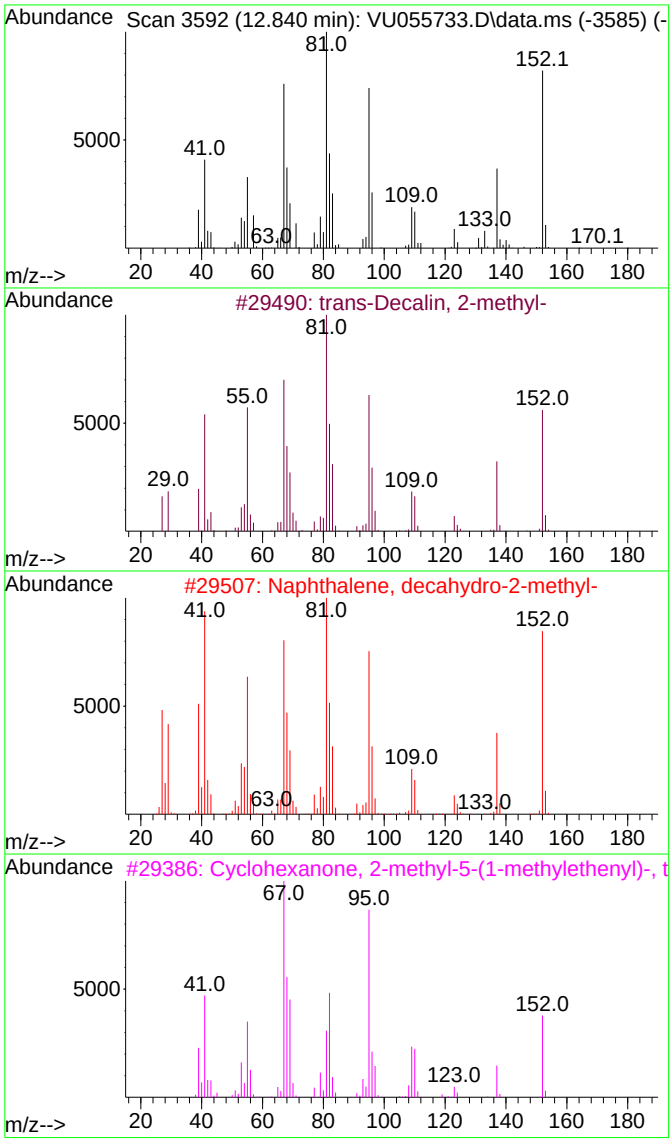
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

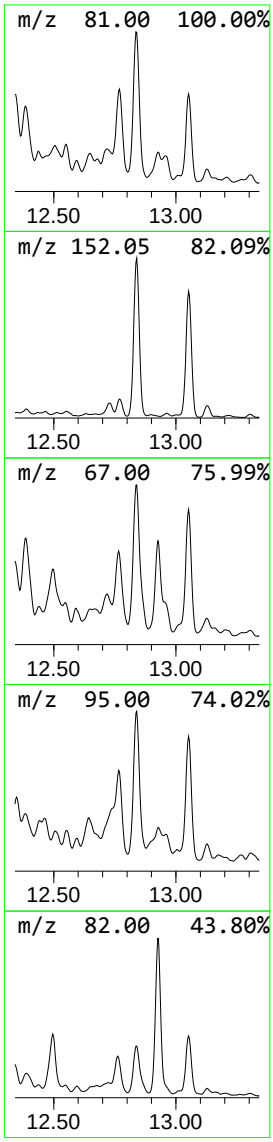
****

Peak Number 55 trans-Decalin, 2-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.840	22.03 ug/L	7078140	1,4-Dichlorobenzene-d4	11.814

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	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	70
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 : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

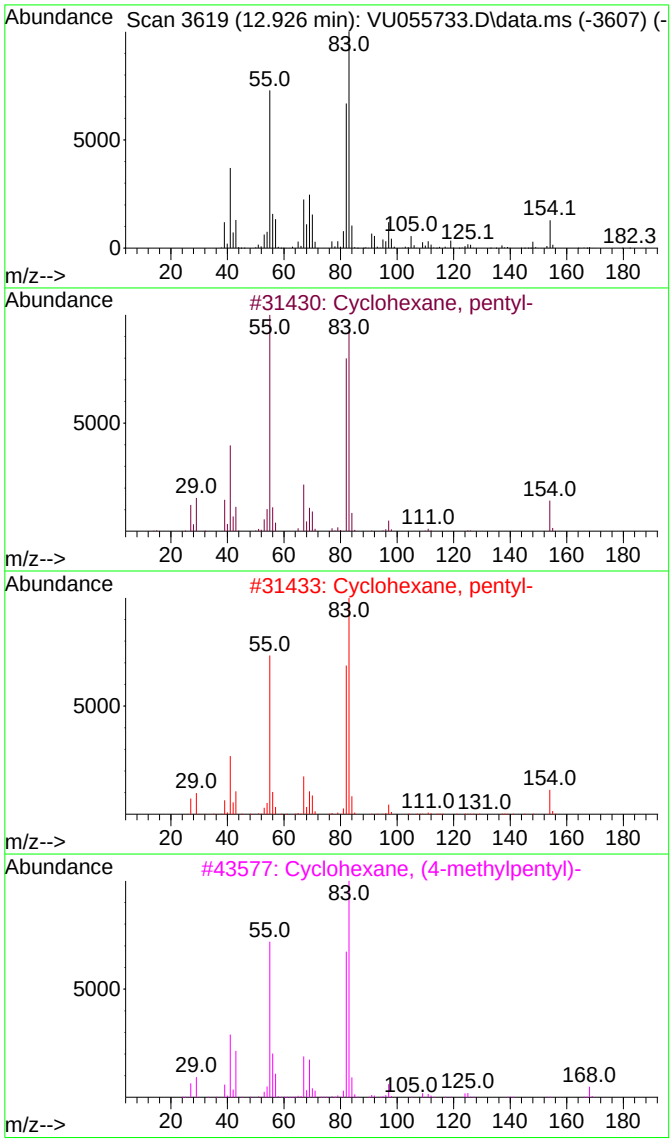
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

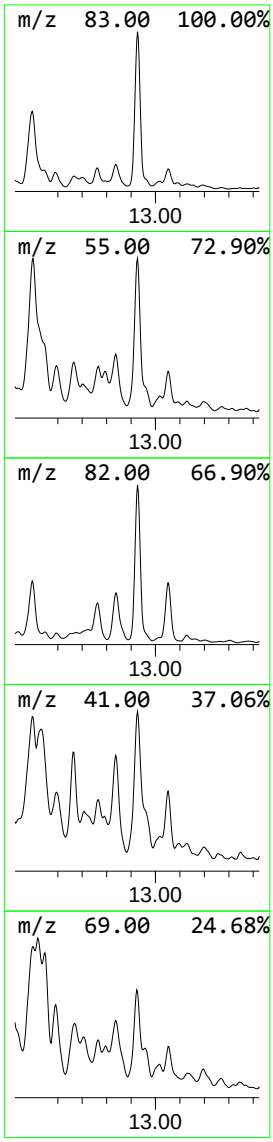
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 (DEL) Alkane: Cyclic12.926 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.926	24.78 ug/L	7960960	1,4-Dichlorobenzene-d4	11.814

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	87
3	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	83
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	76
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

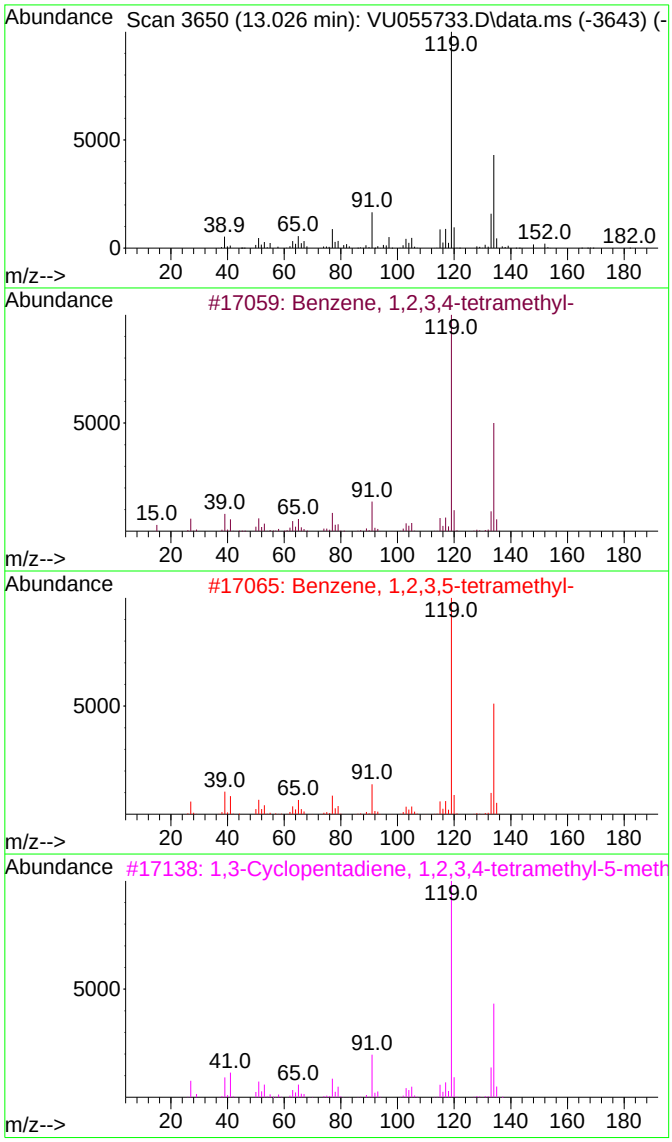
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

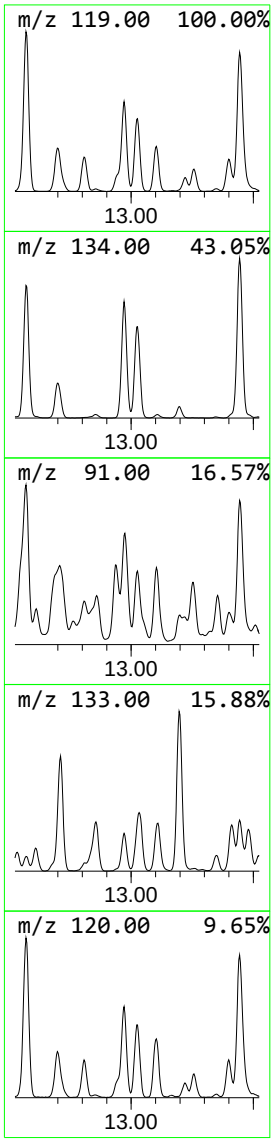
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.026	4.20 ug/L	1348240	1,4-Dichlorobenzene-d4	11.814

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

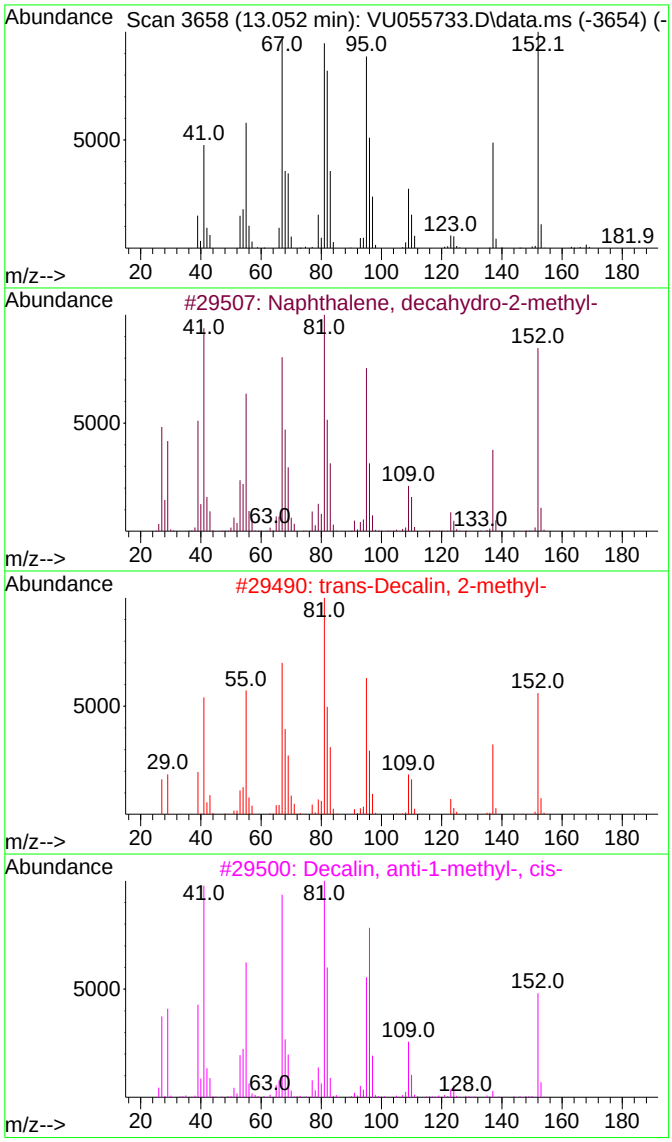
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

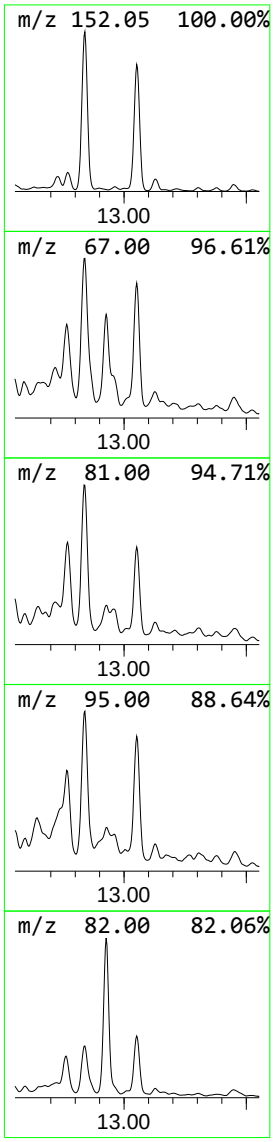
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 Naphthalene, decahydro-2-me... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.052	8.97 ug/L	2880530	1,4-Dichlorobenzene-d4	11.814

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	89
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81
3	Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	72
4	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64
5	Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-01-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

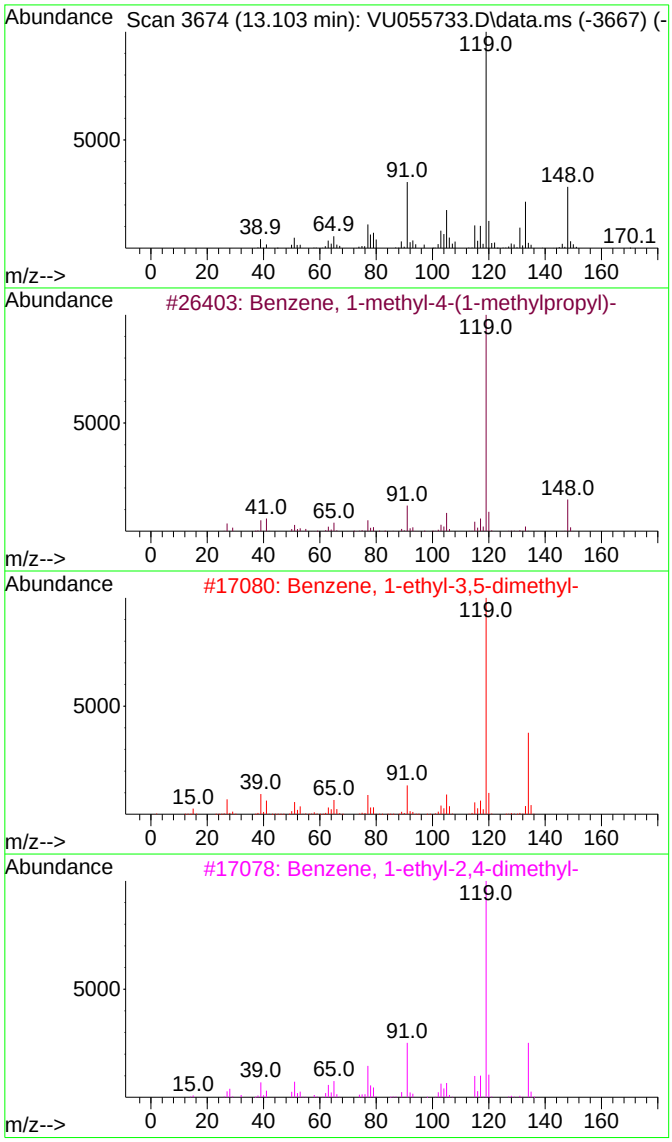
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

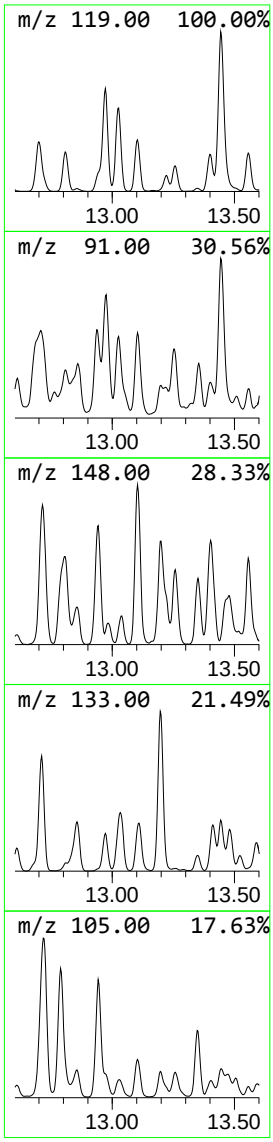
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 Benzene, 1-methyl-4-(1-meth... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.103	7.45 ug/L	2393310	1,4-Dichlorobenzene-d4	11.814

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	74
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	70
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	70
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

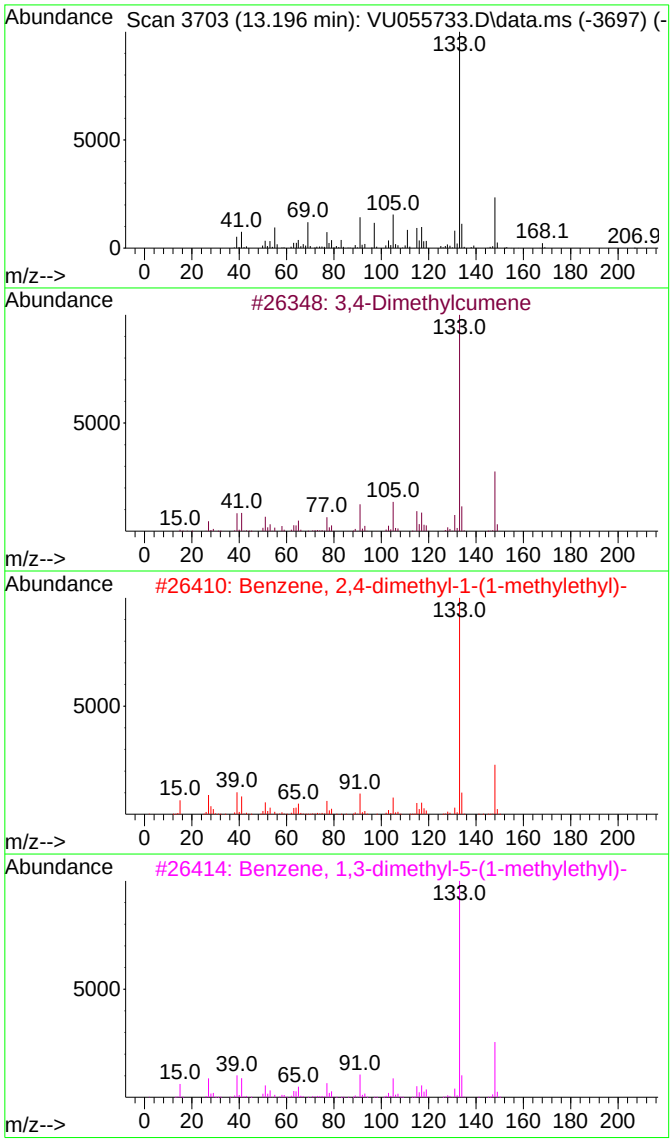
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

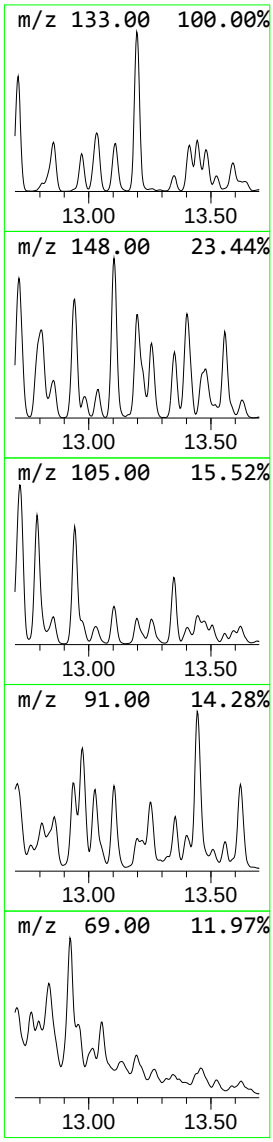
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 3,4-Dimethylcumene Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.197	3.33 ug/L	1071430	1,4-Dichlorobenzene-d4	11.814

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcumene	148	C11H16	1000370-34-1	95
2	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	94
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	93
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	90
5	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

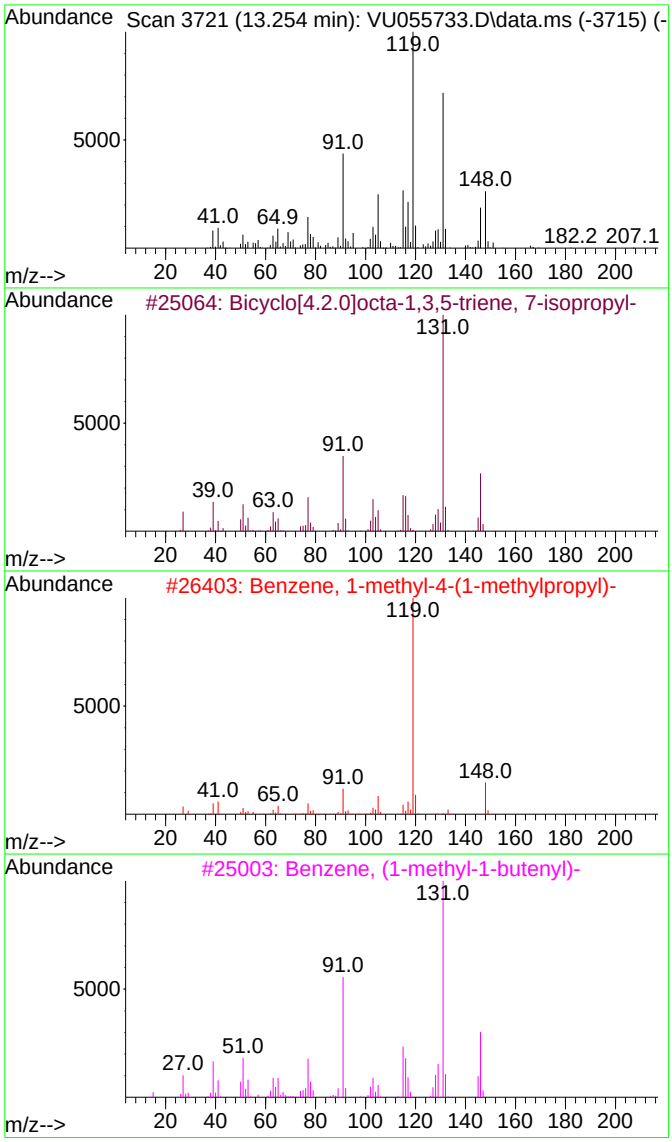
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

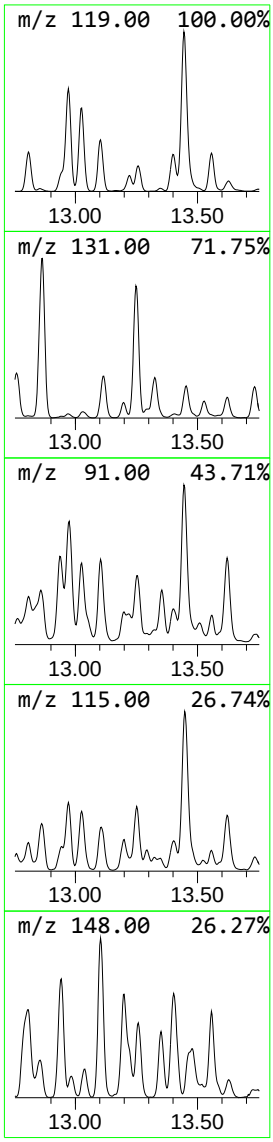
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.254	2.98 ug/L	957975	1,4-Dichlorobenzene-d4	11.814

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	70
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	60
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	52
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
5	p-Cymene	134	C10H14	000099-87-6	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

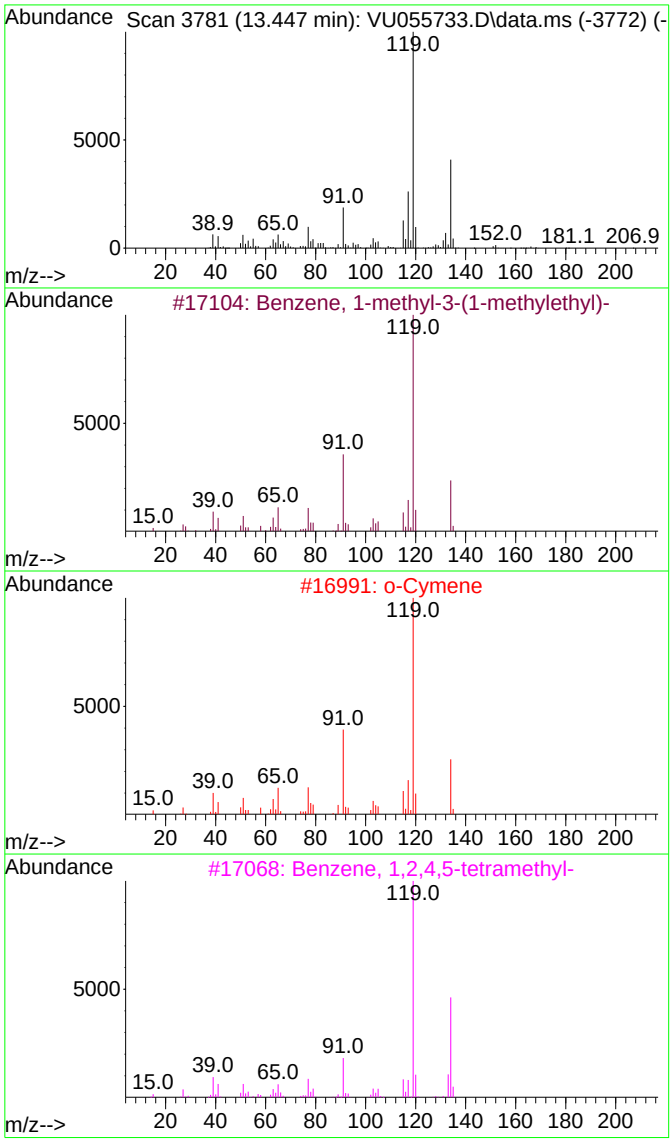
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

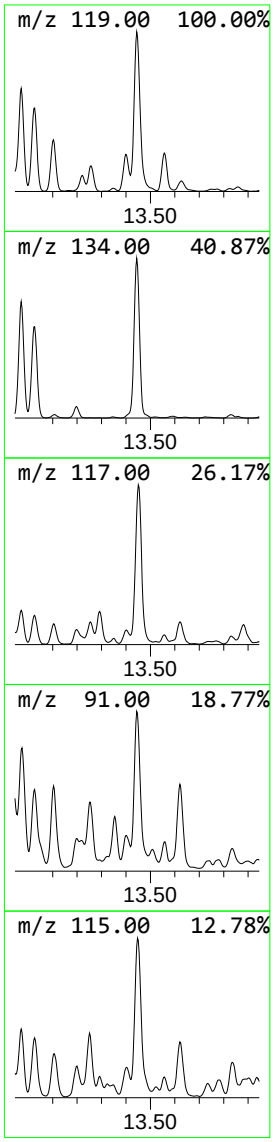
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 Benzene, 1-methyl-3-(1-meth... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.447	18.22 ug/L	5853970	1,4-Dichlorobenzene-d4	11.814

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
2	o-Cymene	134	C10H14	000527-84-4	90
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	90
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
5	p-Cymene	134	C10H14	000099-87-6	87





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Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

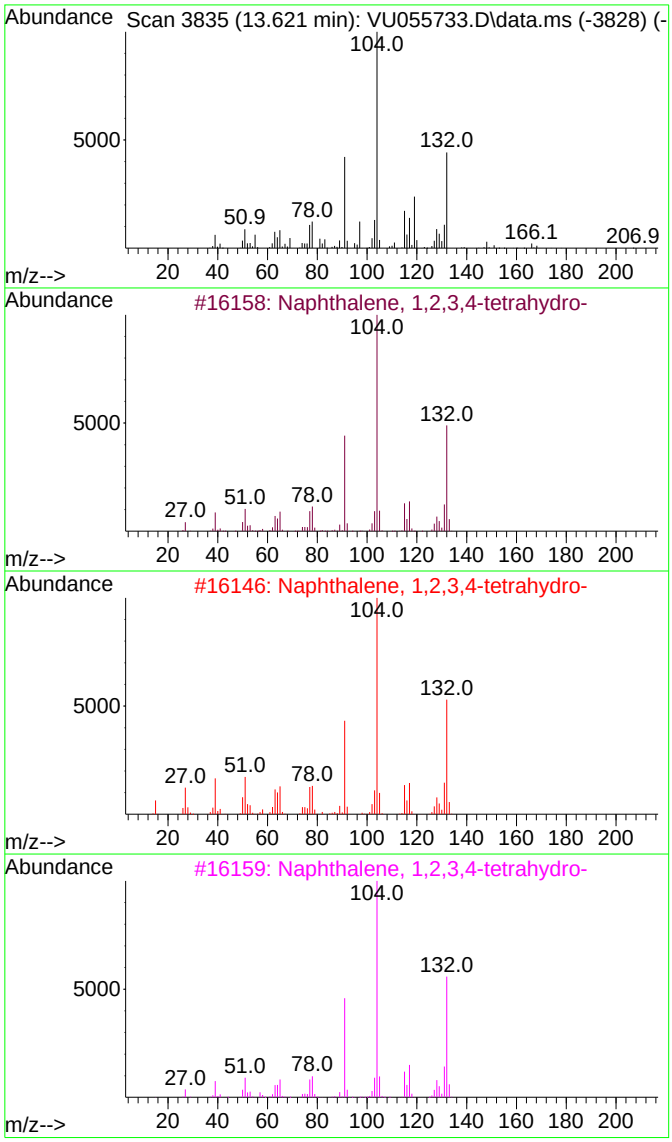
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

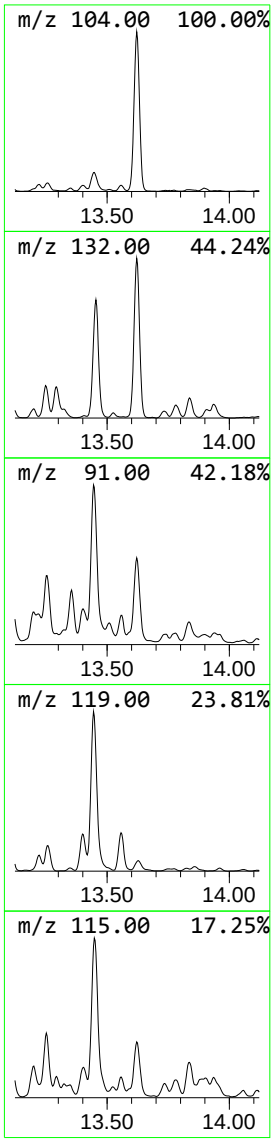
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.621	7.59 ug/L	2440130	1,4-Dichlorobenzene-d4	11.814

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	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

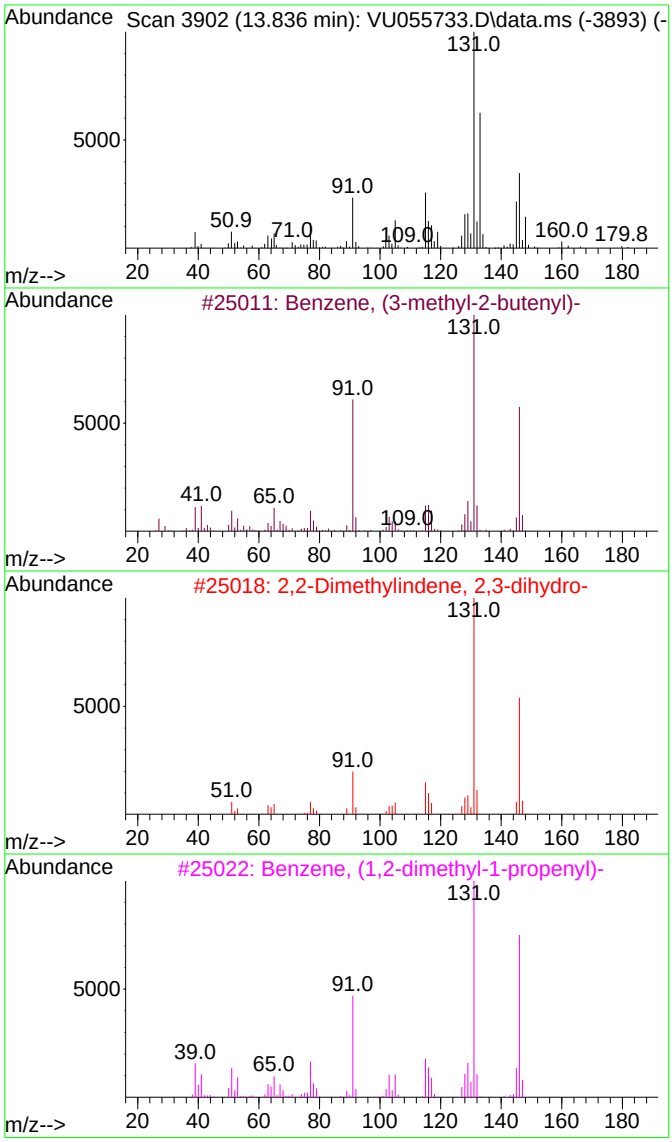
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis

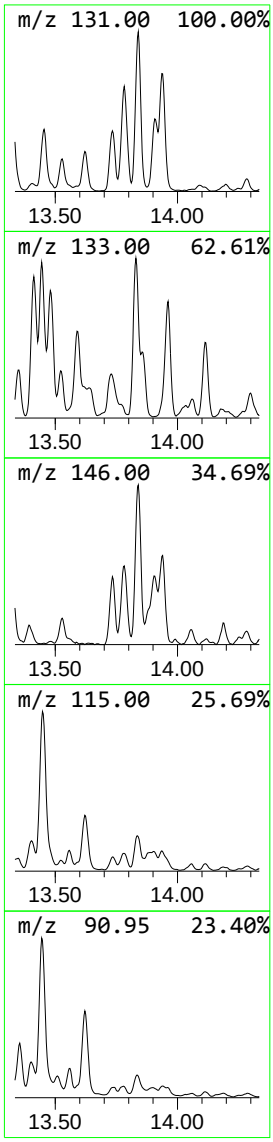
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 Benzene, (3-methyl-2-butenyl)- Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.836	2.73 ug/L	875606	1,4-Dichlorobenzene-d4	11.814

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	86
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	83
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
Data File : VU055733.D
Acq On : 10 Oct 2023 20:02
Operator : MD/SY
Sample : 04747-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EX837

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	1.789	4.5	ug/L	109255	1	6.242	1226060	50.0
(DEL) Alkane: C...	7.229	3.1	ug/L	75694	1	6.242	1226060	50.0
(DEL) Alkane: C...	7.747	2.6	ug/L	64797	1	6.242	1226060	50.0
(DEL) Alkane: C...	8.020	6.0	ug/L	176416	2	9.422	1474790	50.0
(DEL) Alkane: C...	8.091	6.7	ug/L	197118	2	9.422	1474790	50.0
(DEL) Alkane: C...	8.235	31.6	ug/L	930928	2	9.422	1474790	50.0
(DEL) Alkane: C...	8.364	9.6	ug/L	284107	2	9.422	1474790	50.0
(DEL) Alkane: S...	8.425	4.0	ug/L	117177	2	9.422	1474790	50.0
(DEL) Alkane: S...	8.467	3.8	ug/L	111806	2	9.422	1474790	50.0
(DEL) Alkane: S...	8.756	22.7	ug/L	669656	2	9.422	1474790	50.0
(DEL) Alkane: C...	8.795	27.4	ug/L	808334	2	9.422	1474790	50.0
(DEL) Alkane: C...	8.859	55.2	ug/L	1627470	2	9.422	1474790	50.0
(DEL) Alkane: C...	8.920	138.7	ug/L	4090040	2	9.422	1474790	50.0
(DEL) Alkane: C...	9.068	42.5	ug/L	1253050	2	9.422	1474790	50.0
(DEL) Alkane: S...	9.116	63.2	ug/L	1864030	2	9.422	1474790	50.0
(DEL) Alkane: C...	9.161	143.4	ug/L	4231250	2	9.422	1474790	50.0
(DEL) Alkane: S...	9.206	36.0	ug/L	1061720	2	9.422	1474790	50.0
(DEL) Alkane: S...	9.328	102.5	ug/L	3023290	2	9.422	1474790	50.0
(DEL) Alkane: C...	9.473	8.9	ug/L	262562	2	9.422	1474790	50.0
(DEL) Alkane: C...	9.557	90.9	ug/L	2680580	2	9.422	1474790	50.0
(DEL) Alkane: S...	9.663	207.2	ug/L	6111670	2	9.422	1474790	50.0
(DEL) Alkane: C...	9.714	228.9	ug/L	6751630	2	9.422	1474790	50.0
(DEL) Alkane: C...	9.756	202.4	ug/L	5969170	2	9.422	1474790	50.0
(DEL) Alkane: C...	9.872	107.0	ug/L	3156420	2	9.422	1474790	50.0
(DEL) Alkane: S...	9.952	32.1	ug/L	947949	2	9.422	1474790	50.0
(DEL) Alkane: C...	10.026	540.8	ug/L	15950700	2	9.422	1474790	50.0
(DEL) Alkane: S...	10.119	132.2	ug/L	3898850	2	9.422	1474790	50.0
(DEL) Alkane: S...	10.251	978.2	ug/L	28854100	2	9.422	1474790	50.0
(DEL) Alkane: S...	10.316	90.7	ug/L	2673670	2	9.422	1474790	50.0
(DEL) Alkane: C...	10.354	710.7	ug/L	20962900	2	9.422	1474790	50.0
(DEL) Alkane: S...	10.393	672.5	ug/L	19835000	2	9.422	1474790	50.0
Oxalic acid, is...	10.557	544.6	ug/L	16063000	2	9.422	1474790	50.0
(DEL) Alkane: S...	10.624	32.5	ug/L	10432000	3	11.814	16064600	50.0
2-Methylbicyclo...	10.698	12.0	ug/L	3850290	3	11.814	16064600	50.0
Benzene, propyl-	10.910	5.5	ug/L	1776770	3	11.814	16064600	50.0
Cyclohexene, 3-...	10.949	22.9	ug/L	7348420	3	11.814	16064600	50.0
(DEL) Alkane: C...	11.013	20.2	ug/L	6497040	3	11.814	16064600	50.0
(DEL) Alkane: C...	11.065	60.1	ug/L	19310900	3	11.814	16064600	50.0
(DEL) Alkane: C...	11.126	36.7	ug/L	11782500	3	11.814	16064600	50.0
(DEL) Alkane: C...	11.187	8.6	ug/L	2765930	3	11.814	16064600	50.0
(DEL) Alkane: C...	11.242	7.1	ug/L	2277180	3	11.814	16064600	50.0
Cyclohexane, 1-...	11.283	5.3	ug/L	1687220	3	11.814	16064600	50.0
(DEL) Alkane: S...	11.309	24.4	ug/L	7851360	3	11.814	16064600	50.0
(DEL) Alkane: S...	11.377	12.8	ug/L	4114710	3	11.814	16064600	50.0
(DEL) Alkane: S...	11.418	37.8	ug/L	12139100	3	11.814	16064600	50.0
(DEL) Alkane: S...	11.573	12.5	ug/L	4025200	3	11.814	16064600	50.0
(DEL) Alkane: S...	11.644	50.4	ug/L	16179300	3	11.814	16064600	50.0
(DEL) Alkane: C...	11.714	50.0	ug/L	16064600	3	11.814	16064600	50.0
Benzene, 1,2-di...	12.097	18.7	ug/L	6002280	3	11.814	16064600	50.0
(DEL) Alkane: C...	12.386	29.6	ug/L	9504030	3	11.814	16064600	50.0
(DEL) Alkane: S...	12.666	13.3	ug/L	4284400	3	11.814	16064600	50.0
Cyclohexene, 1-...	12.766	3.7	ug/L	1179600	3	11.814	16064600	50.0

trans-Decalin, ...	12.840	22.0	ug/L	7078140	3	11.814	16064600	50.0
(DEL) Alkane: C...	12.926	24.8	ug/L	7960960	3	11.814	16064600	50.0
Benzene, 1,2,3,...	13.026	4.2	ug/L	1348240	3	11.814	16064600	50.0
Naphthalene, de...	13.052	9.0	ug/L	2880530	3	11.814	16064600	50.0
Benzene, 1-meth...	13.103	7.5	ug/L	2393310	3	11.814	16064600	50.0
3,4-Dimethylcumene	13.197	3.3	ug/L	1071430	3	11.814	16064600	50.0
Bicyclo[4.2.0]o...	13.254	3.0	ug/L	957975	3	11.814	16064600	50.0
Benzene, 1-meth...	13.447	18.2	ug/L	5853970	3	11.814	16064600	50.0
Naphthalene, 1,...	13.621	7.6	ug/L	2440130	3	11.814	16064600	50.0
Benzene, (3-met...	13.836	2.7	ug/L	875606	3	11.814	16064600	50.0

Instrument :
MSVOA_U
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