LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

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\SFAMULM092321WMA.M
Title : VOC Analysis

Signal : TIC: VU045257.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.466	31	39	61	rBV	34214	69830	5.49%	0.254%
2	1.601	73	81	92	rVB	143284	153209	12.05%	0.558%
3	1.880	160	168	184	rVB	122225	167624	13.18%	0.610%
4	2.556	366	378	400	rBV	218670	375266	29.51%	1.366%
5	3.694	717	732	750	rBV2	44631	98883	7.78%	0.360%
6	4.530	976	992	1008	rBV2	37061	90882	7.15%	0.331%
7	4.629	1008	1023	1054	rBV	153825	361016	28.39%	1.314%
8	5.067	1142	1159	1182	rVV	222314	495810	38.99%	1.804%
9	5.375	1238	1255	1270	rBV6	76687	215348	16.93%	0.784%
10	5.459	1272	1281	1300	rVB4	25723	67709	5.32%	0.246%
11	5.591	1307	1322	1334	rBV2	96870	214101	16.83%	0.779%
12	5.726	1345	1364	1383	rVB2	479904	1271789	100.00%	4.628%
13	5.851	1390	1403	1414	rBV2	64495	132975	10.46%	0.484%
14	5.922	1414	1425	1434	rVV2	51630	105114	8.27%	0.383%
15	5.989	1434	1446	1461	rVB	105438	222272	17.48%	0.809%
16	6.134	1475	1491	1512	rBV	228539	425232	33.44%	1.547%
17	6.253	1512	1528	1550	rBV	359920	746655	58.71%	2.717%
18	6.694	1651	1665	1674	rBV	309420	613463	48.24%	2.232%
19	6.764	1675	1687	1710	rVV	346379	815111	64.09%	2.966%
20	6.867	1710	1719	1732	rVB2	23816	45386	3.57%	0.165%
21	6.983	1742	1755	1768	rBV2	71890	134797	10.60%	0.491%
22	7.076	1768	1784	1798	rVB	80038	159344	12.53%	0.580%
23	7.237	1823	1834	1854	rVB3	98363	205441	16.15%	0.748%
24	7.401	1872	1885	1890	rBV	50375	93438	7.35%	0.340%
25	7.501	1905	1916	1924	rBV	279273	470206	36.97%	1.711%
26	7.568	1925	1937	1951	rVB2	164751	378007	29.72%	1.376%
27	7.661	1957	1966	1985	rVB	139325	285969	22.49%	1.041%
28	7.761	1986	1997	2013	rVB7	53726	117746	9.26%	0.428%
29	7.858	2013	2027	2032	rBV2	230563	410841	32.30%	1.495%
30	7.899	2032	2040	2054	rVB	658640	1154900	90.81%	4.203%
31	7.973	2054	2063	2070	rBV2	22495	34049	2.68%	0.124%
32	8.025	2070	2079	2087	rBV3	61720	131424	10.33%	0.478%
33	8.099	2096	2102	2107	rBV2	49291	68041	5.35%	0.248%
34	8.131	2108	2112	2120	rVB	72831	90619	7.13%	0.330%
35	8.182	2120	2128	2136	rVB	107815	165955	13.05%	0.604%
36	8.243	2136	2147	2161	rVB4	171560	368380	28.97%	1.341%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

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\SFAMULM092321WMA.M
Title : VOC Analysis

37	8.372	2175	2187	2193	rBV2	72794	130248	10.24%	0.474%
38	8.414	2193	2200	2213	rVB2	57408	108790	8.55%	0.396%
39	8.478	2214	2220	2229	rVB5	17563	27980	2.20%	0.102%
40	8.539	2231	2239	2250	rVB2	39777	67295	5.29%	0.245%
41	8.639	2250	2270	2284	rBV	670972	1204772	94.73%	4.384%
42	8.761	2298	2308	2314	rBV2	54027	97564	7.67%	0.355%
43	8.806	2315	2322	2332	rVB4	92466	152274	11.97%	0.554%
44	8.867	2332	2341	2351	rBV	186669	302820	23.81%	1.102%
45	8.928	2351	2360	2370	rVV	195241	314532	24.73%	1.145%
46	9.073	2392	2405	2413	rBV7	101994	216401	17.02%	0.788%
47	9.124	2413	2421	2427	rVV	79469	120182	9.45%	0.437%
48	9.169	2427	2435	2442	rVV4	121036	221990	17.45%	0.808%
49	9.218	2442	2450	2460	rVV2	267789	442377	34.78%	1.610%
50	9.266	2460	2465	2472	rVB2	19410	25146	1.98%	0.092%
51	9.337	2477	2487	2502	rVB	336558	548291	43.11%	1.995%
52	9.420	2502	2513	2524	rBV	532014	863082	67.86%	3.141%
53	9.568	2550	2559	2573	rBV4	62775	114178	8.98%	0.416%
54	9.665	2575	2589	2597	rBV5	87898	220147	17.31%	0.801%
55	9.719	2599	2606	2613	rVV2	130554	214035	16.83%	0.779%
56	9.764	2614	2620	2643	rVB6	102737	239805	18.86%	0.873%
57	9.880	2644	2656	2671	rBV7	50826	125656	9.88%	0.457%
58	9.957	2672	2680	2690	rBV4	23022	36914	2.90%	0.134%
59	10.031	2690	2703	2723	rBV8	140284	391872	30.81%	1.426%
60	10.124	2724	2732	2742	rBV6	55184	113453	8.92%	0.413%
61	10.256	2756	2773	2787	rBV3	365530	813021	63.93%	2.959%
62	10.362	2796	2806	2812	rBV3	198160	356567	28.04%	1.298%
63	10.475	2832	2841	2852	rBV6	50000	103656	8.15%	0.377%
64	10.562	2853	2868	2876	rBV4	104081	227518	17.89%	0.828%
65	10.626	2876	2888	2893	rBV	218697	359617	28.28%	1.309%
66	10.700	2906	2911	2918	rBV3	25724	31615	2.49%	0.115%
67	10.761	2920	2930	2939	rVV	605916	975137	76.67%	3.549%
68	10.812	2940	2946	2961	rVB5	115598	200215	15.74%	0.729%
69	10.951	2983	2989	2998	rVV5	33425	53768	4.23%	0.196%
70	11.066	3017	3025	3036	rBV2	139984	231277	18.19%	0.842%
71	11.192	3058	3064	3073	rBV7	15873	29261	2.30%	0.106%
72	11.250	3075	3082	3087	rVV2	26279	38166	3.00%	0.139%
73	11.308	3088	3100	3113	rVB5	81064	231318	18.19%	0.842%
74	11.378	3114	3122	3127	rBV4	51338	79847	6.28%	0.291%
75	11.420	3127	3135	3143	rVB	244842	333861	26.25%	1.215%
76	11.578	3177	3184	3189	rBV	28368	48019	3.78%	0.175%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
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Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

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\SFAMULM092321WMA.M
Title : VOC Analysis

77	11.645	3198	3205	3216	rVB5	114050	198915	15.64%	0.724%
78	11.716	3218	3227	3234	rBV2	168639	276977	21.78%	1.008%
79	11.816	3247	3258	3271	rBV2	553070	1005280	79.04%	3.658%
80	11.877	3271	3277	3282	rVV2	88011	121881	9.58%	0.444%
81	11.912	3283	3288	3299	rVB3	125801	183344	14.42%	0.667%
82	12.005	3310	3317	3335	rVB3	118424	223361	17.56%	0.813%
83	12.099	3336	3346	3352	rBV6	69451	131674	10.35%	0.479%
84	12.195	3365	3376	3390	rBV	714729	1230246	96.73%	4.477%
85	12.385	3429	3435	3450	rVB7	97234	207078	16.28%	0.754%
86	12.671	3515	3524	3533	rBV3	125395	257948	20.28%	0.939%
87	12.935	3595	3606	3623	rBV7	171662	482276	37.92%	1.755%
88	13.008	3624	3629	3635	rVV3	54732	80918	6.36%	0.294%
89	13.053	3636	3643	3652	rVB3	141707	217550	17.11%	0.792%
90	13.137	3663	3669	3676	rVB3	84949	115382	9.07%	0.420%
91	13.455	3757	3768	3784	rVB8	195465	494662	38.89%	1.800%
92	13.590	3802	3810	3817	rBV	188474	283045	22.26%	1.030%
93	13.732	3848	3854	3863	rBV6	31047	48315	3.80%	0.176%
94	13.951	3916	3922	3926	rBV	38321	55244	4.34%	0.201%
95	14.095	3962	3967	3971	rBV3	34652	38764	3.05%	0.141%
96	14.192	3987	3997	4011	rVB4	100017	185000	14.55%	0.673%
97	14.574	4111	4116	4122	rVB5	32561	40073	3.15%	0.146%
98	14.674	4136	4147	4159	rVB9	52743	123627	9.72%	0.450%
99	15.214	4306	4315	4328	rBV9	37196	75635	5.95%	0.275%
100	15.414	4372	4377	4387	rVB	21101	32756	2.58%	0.119%

Sum of corrected areas: 27479450

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
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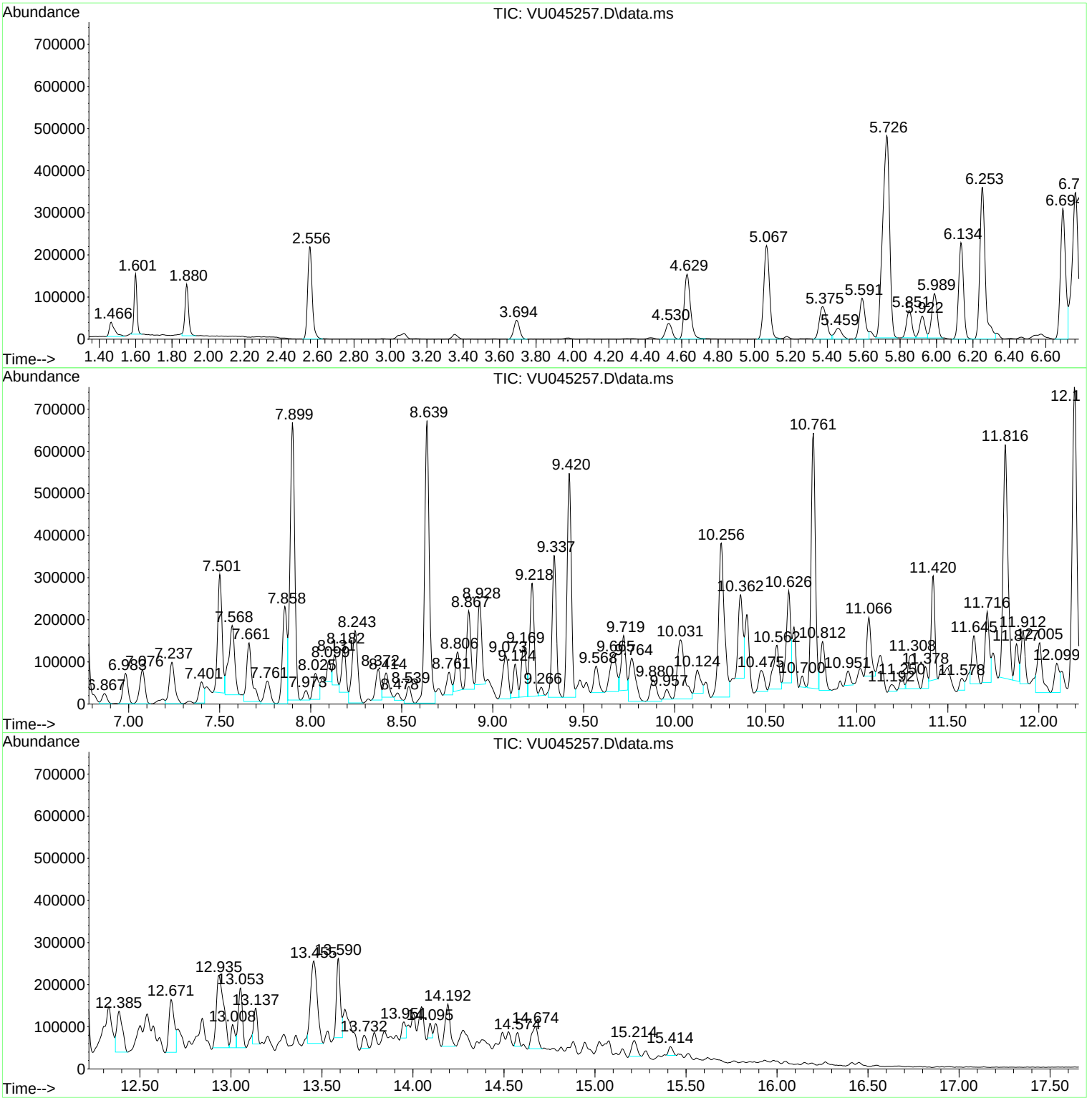
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW914MEDL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

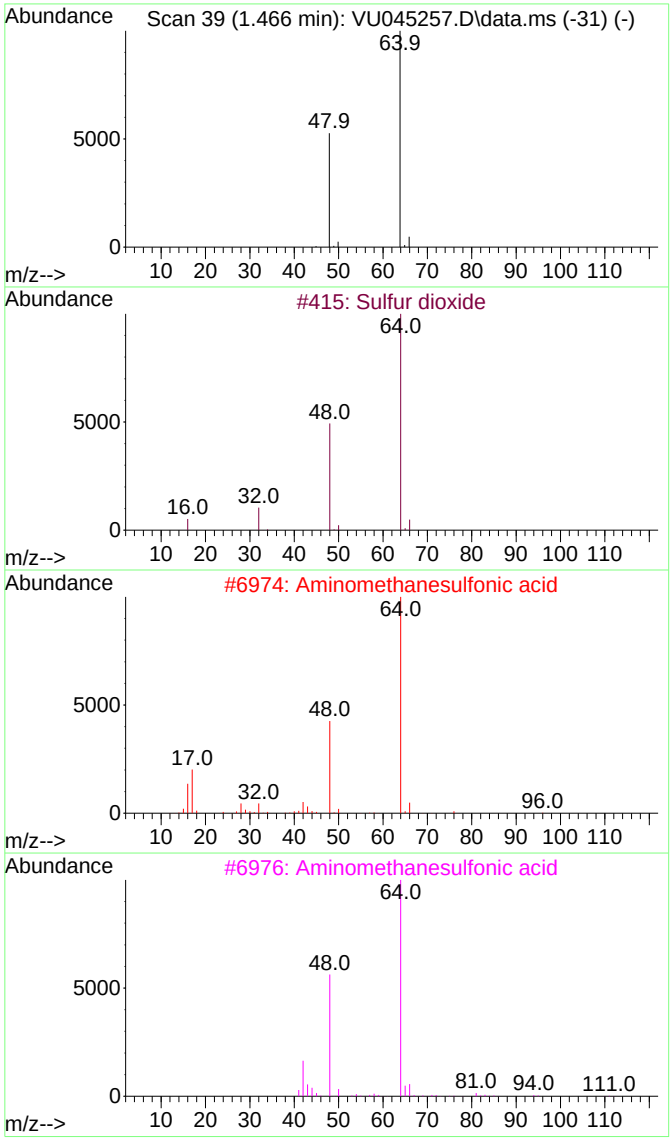
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

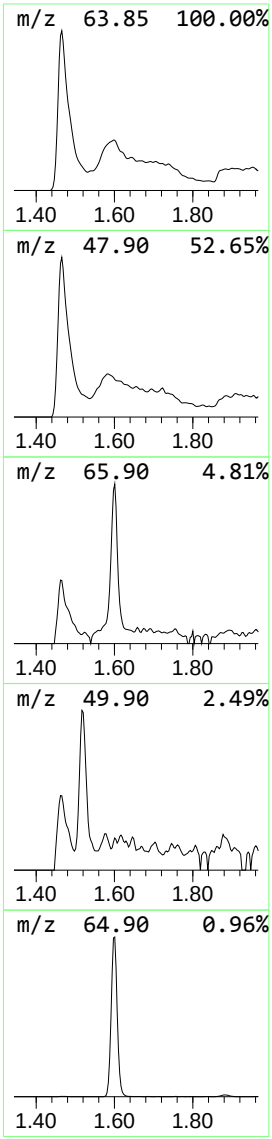
****

Peak Number 1 Sulfur dioxide Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.466	4.68 ug/L	69830	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

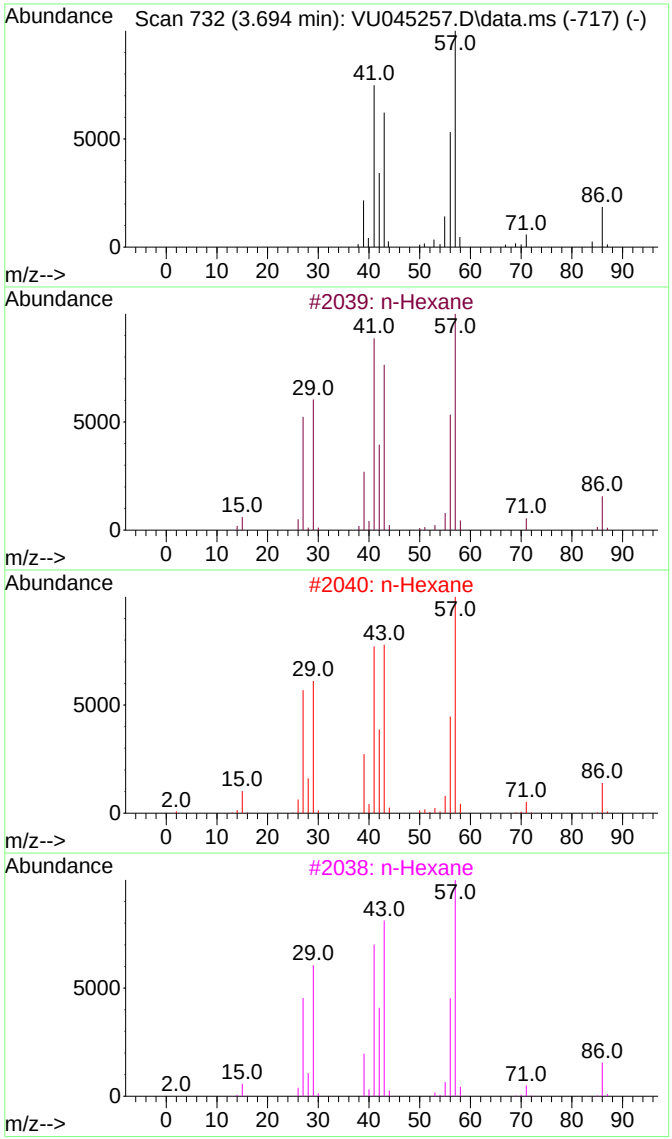
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

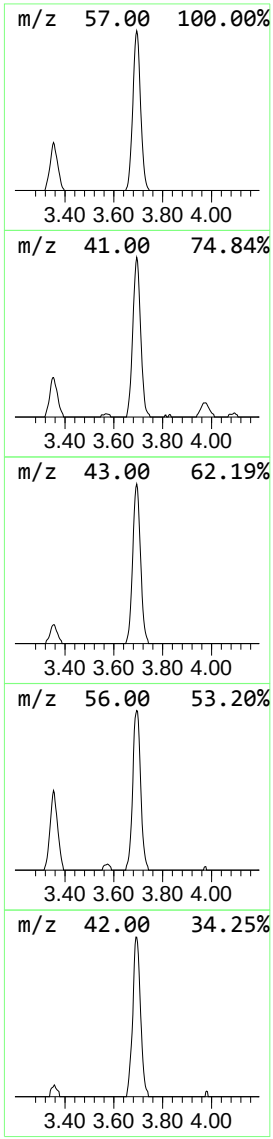
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.694	6.62 ug/L	98883	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	n-Hexane	86	C6H14	000110-54-3	72
3	n-Hexane	86	C6H14	000110-54-3	64
4	n-Hexane	86	C6H14	000110-54-3	64
5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

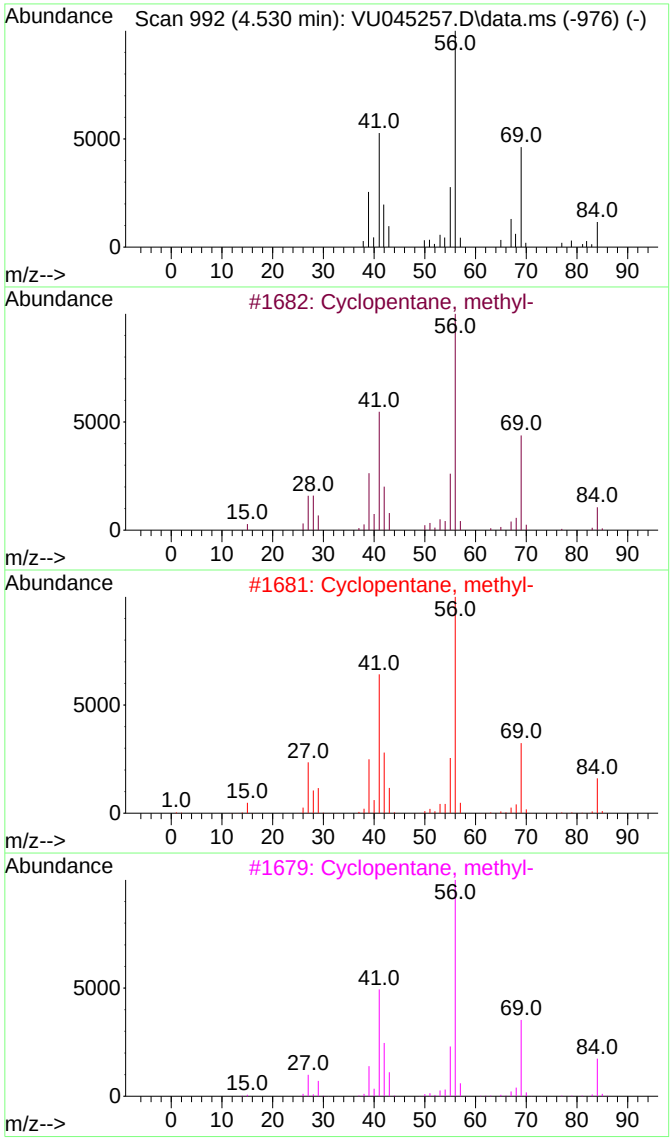
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

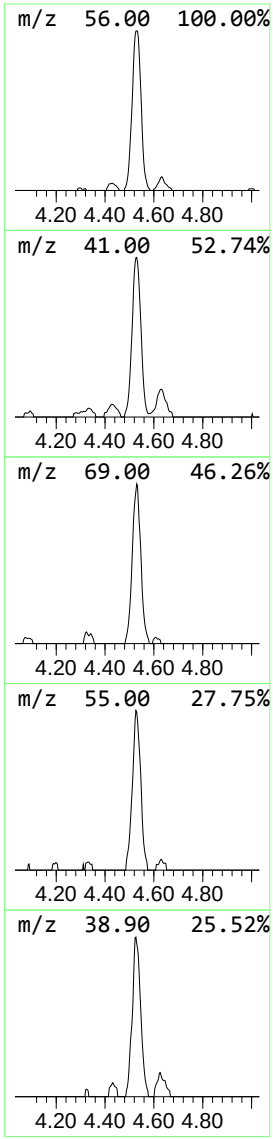
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic4.530 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.530	6.09 ug/L	90882	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW914MEDL

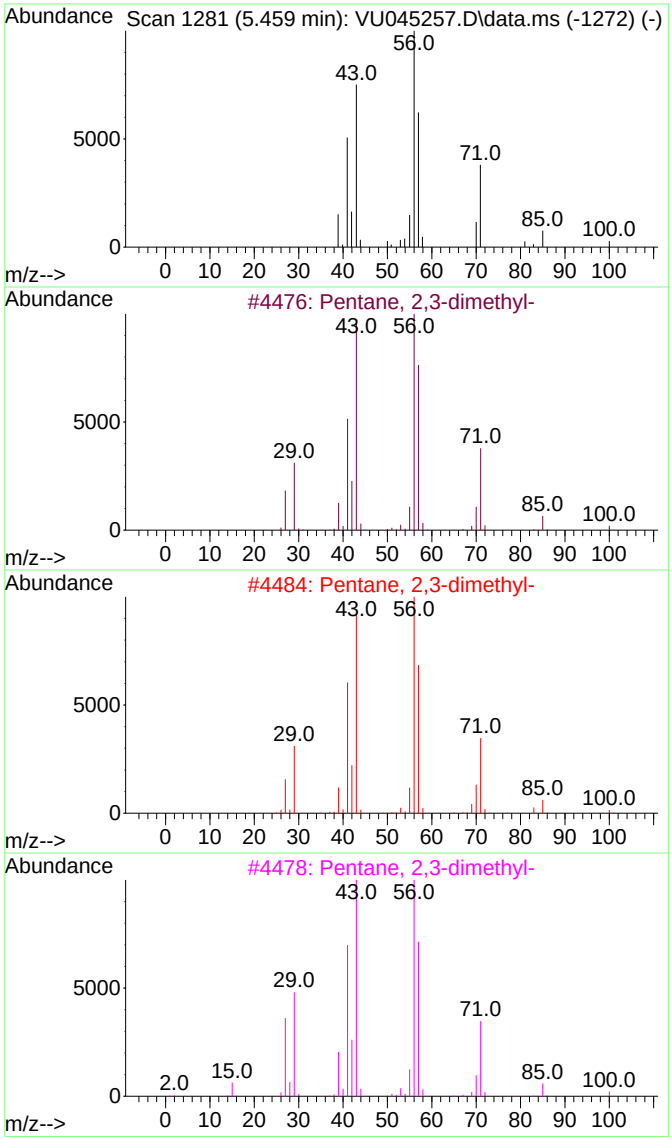
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

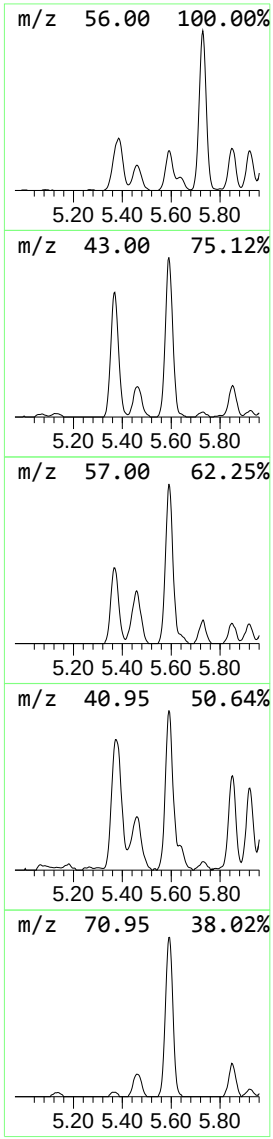
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.459	4.53 ug/L	67709	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	83
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	58
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	58
5	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

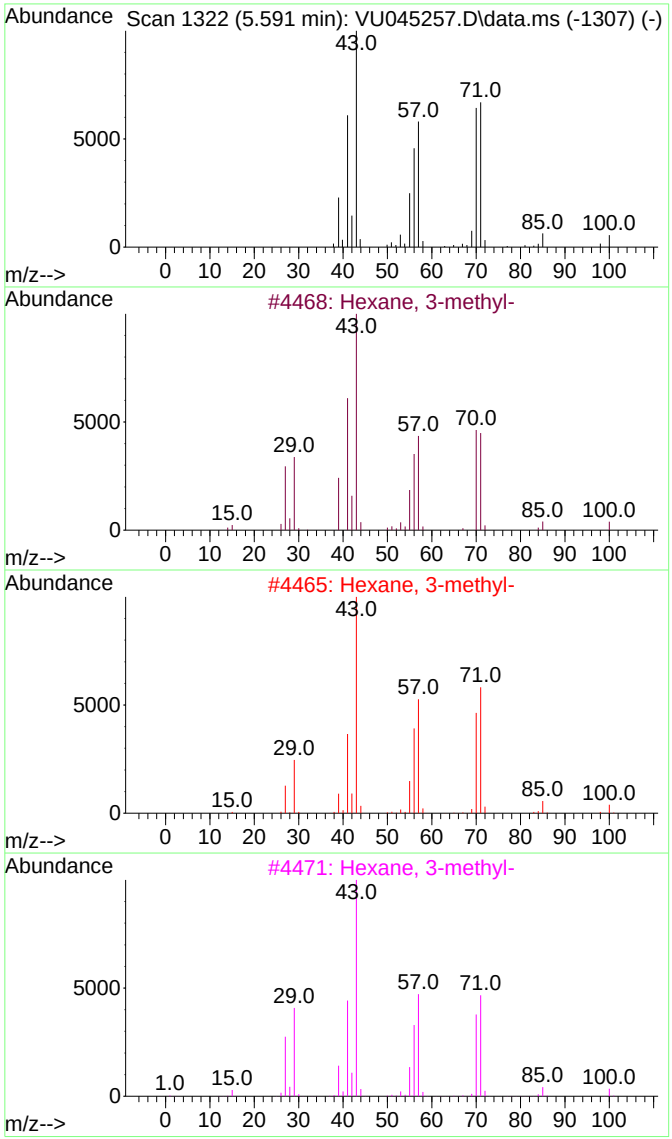
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

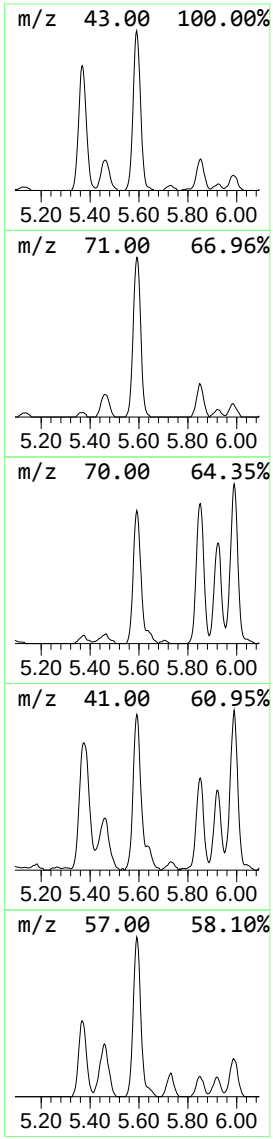
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.591	14.34 ug/L	214101	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	91
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	87
4	Heptane	100	C7H16	000142-82-5	72
5	Heptane	100	C7H16	000142-82-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW914MEDL

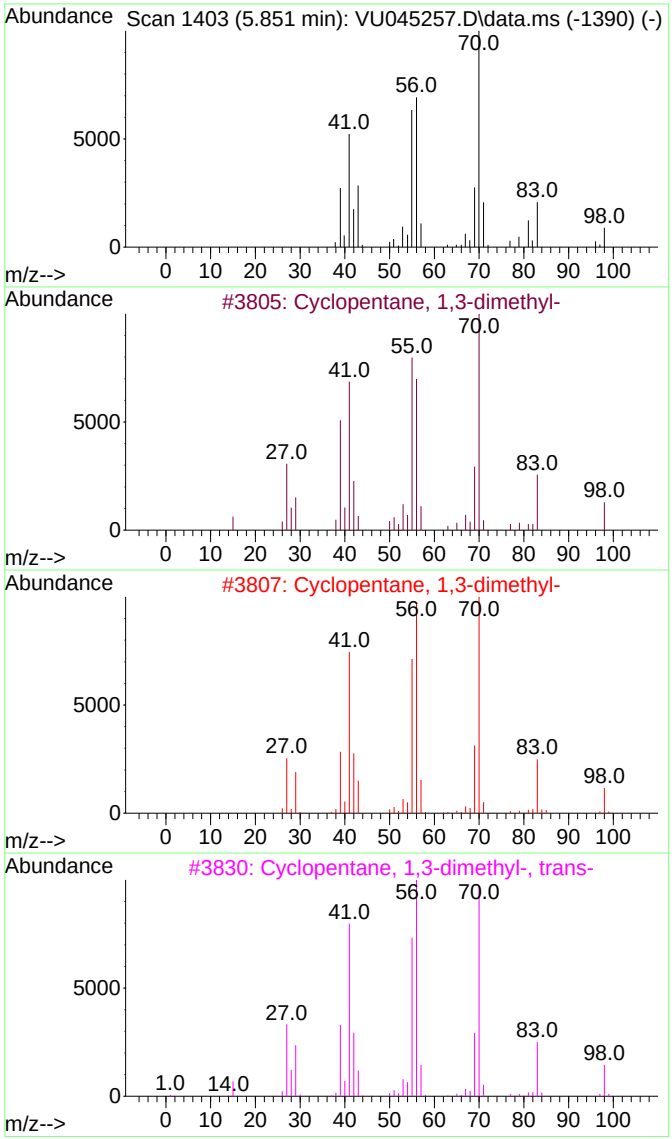
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

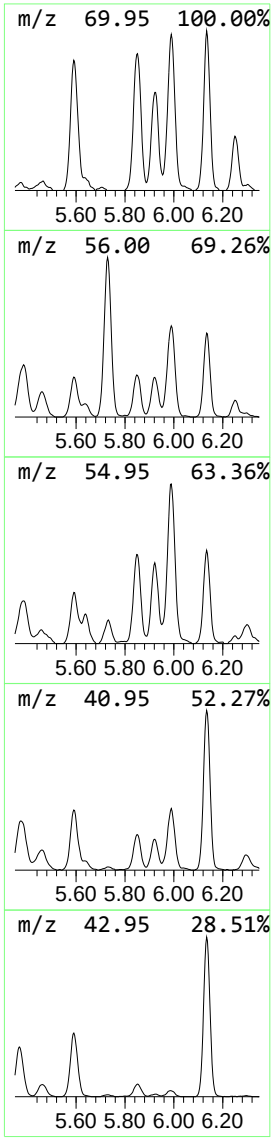
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic5.851 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.851	8.90 ug/L	132975	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	87
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	87
3	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	74
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	72
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW914MEDL

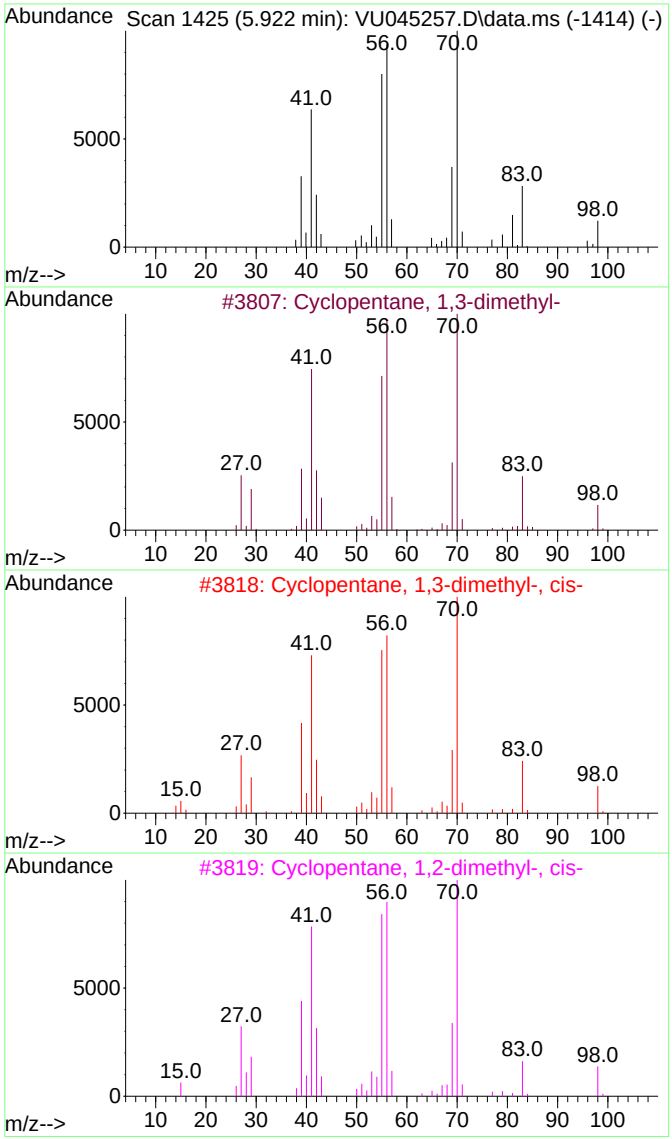
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

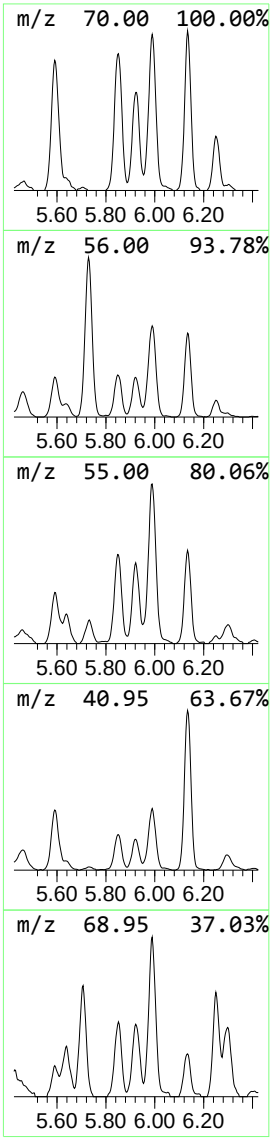
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic5.922 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.922	7.04 ug/L	105114	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	95
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	94
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	93
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	90
5	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW914MEDL

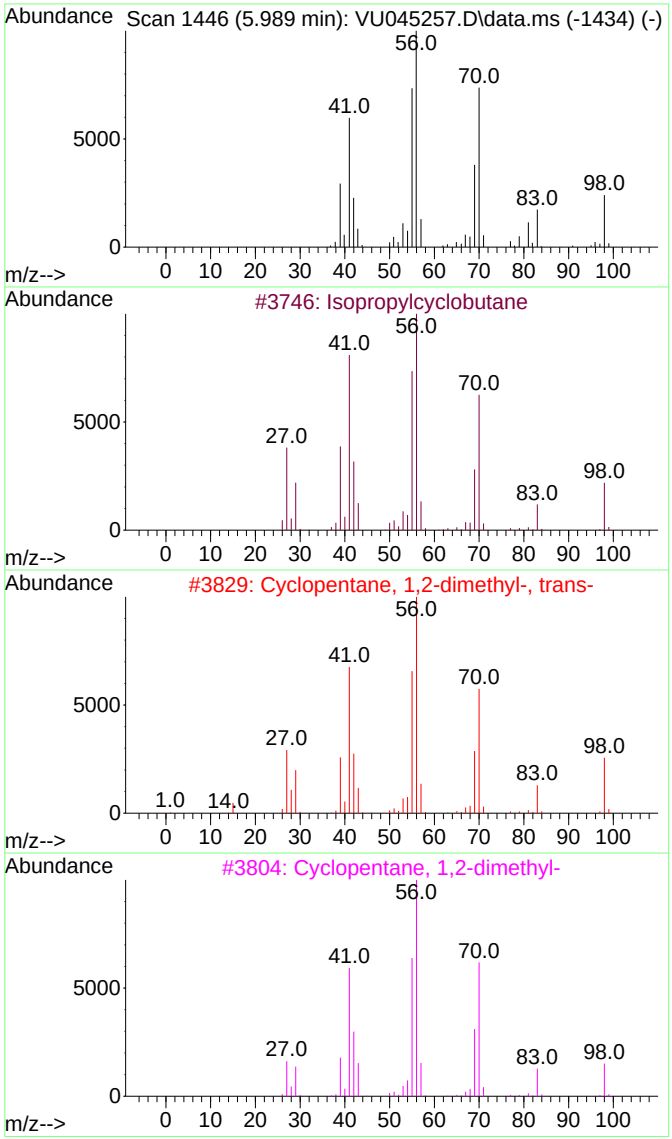
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

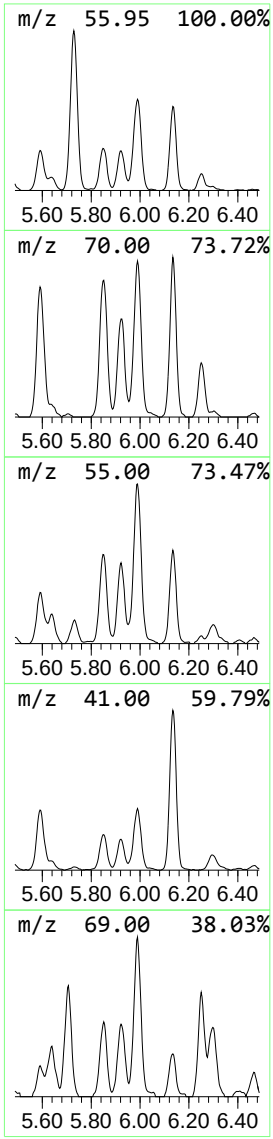
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic5.989 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.989	14.88 ug/L	222272	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	93
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
5	1-Heptene	98	C7H14	000592-76-7	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

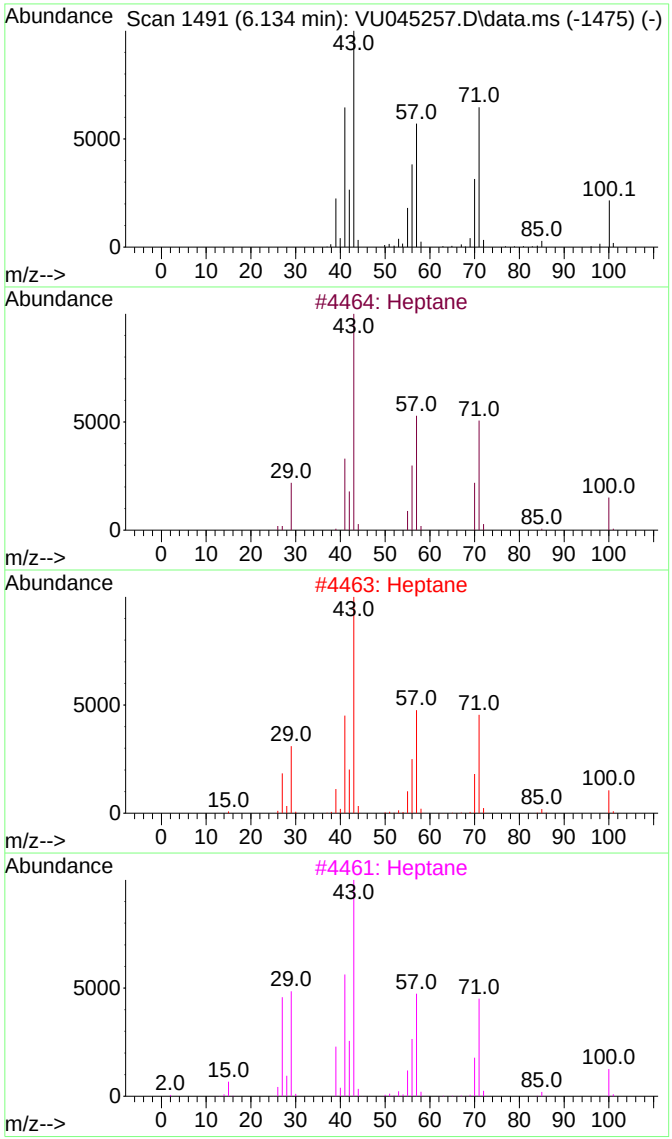
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

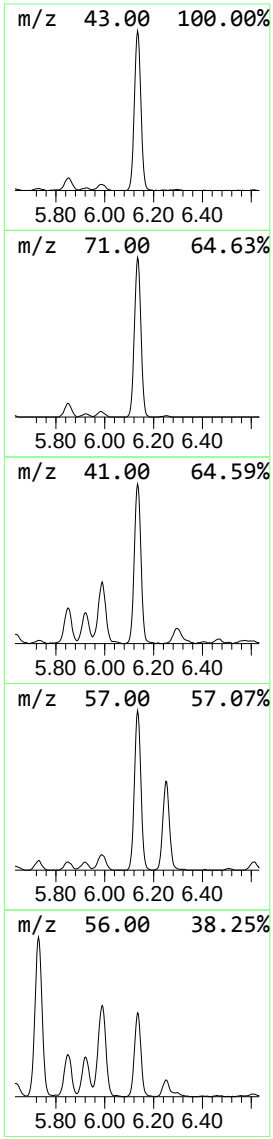
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.134	28.48 ug/L	425232	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	78
4	Heptane	100	C7H16	000142-82-5	68
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW914MEDL

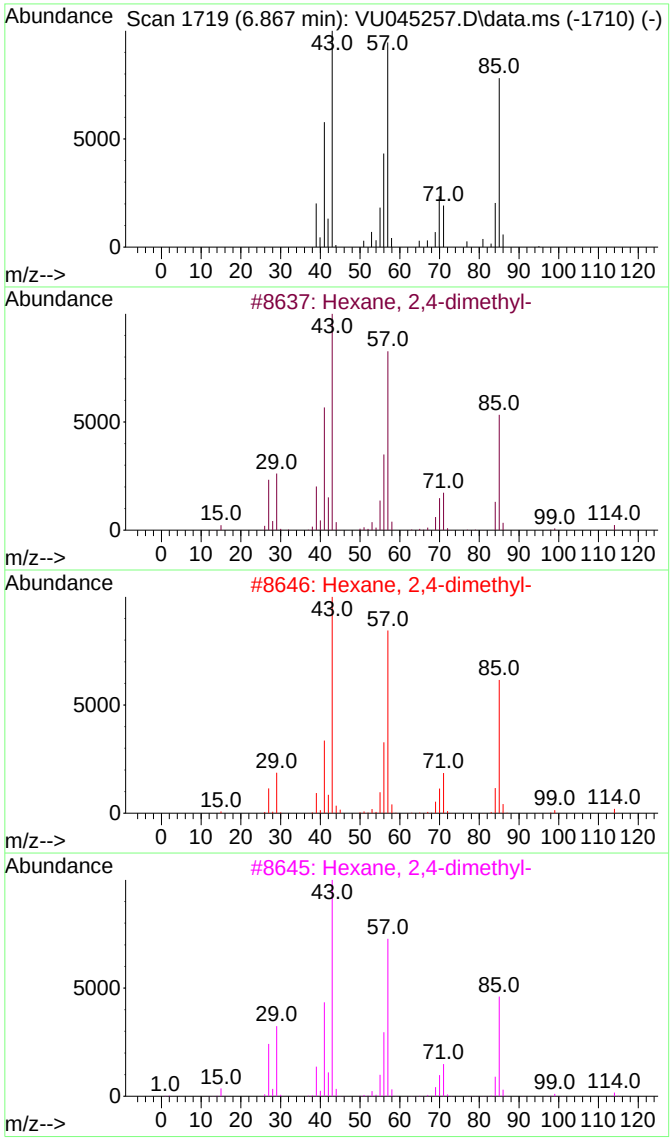
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

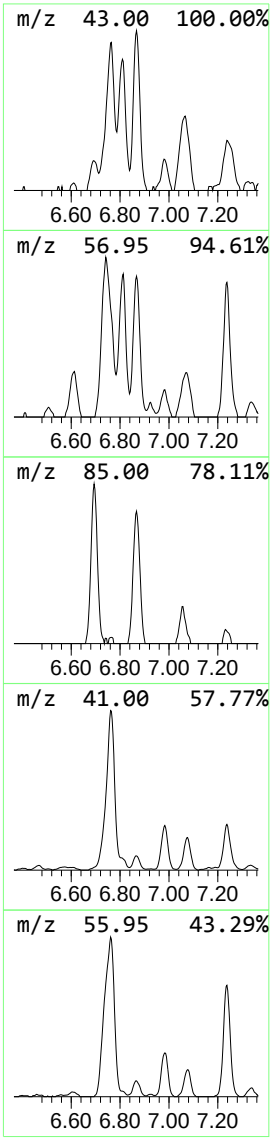
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.867	3.04 ug/L	45386	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	90
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	78
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	78
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
5	Oxalic acid, diisohexyl ester	258	C14H26O4	1010309-32-9	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

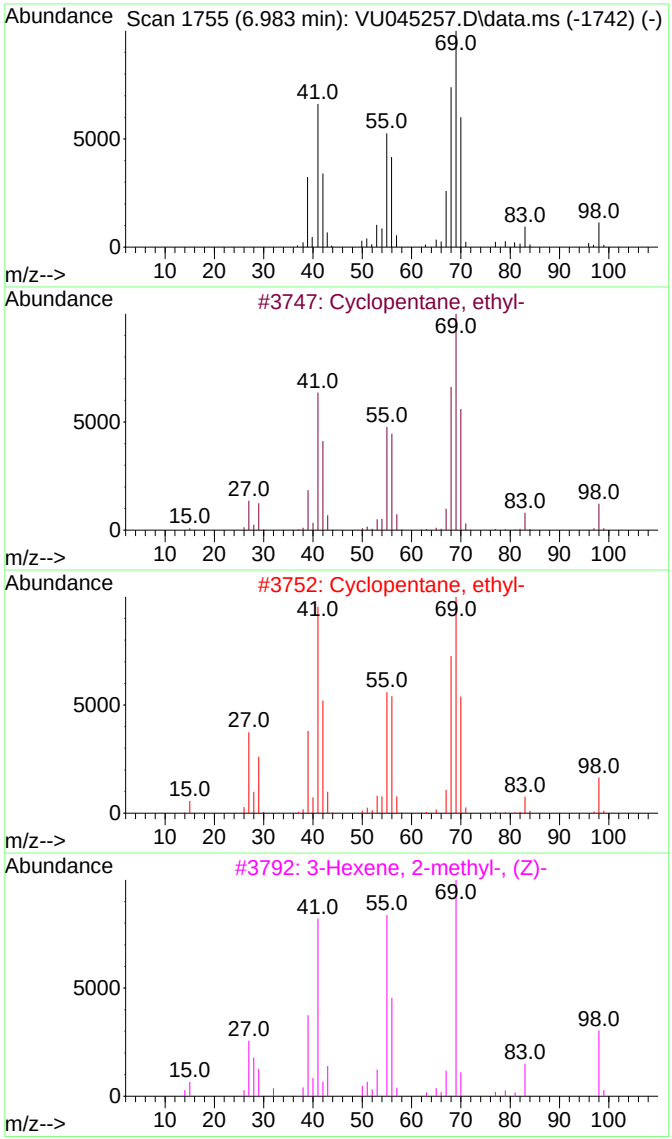
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

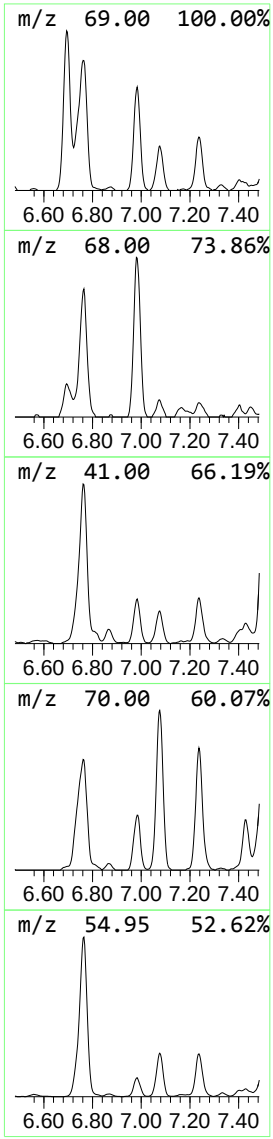
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic6.983 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.983	9.03 ug/L	134797	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	93
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	90
3	3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	50
4	(R)-(+)-3-Methylcyclopentanone	98	C6H10O	006672-30-6	46
5	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

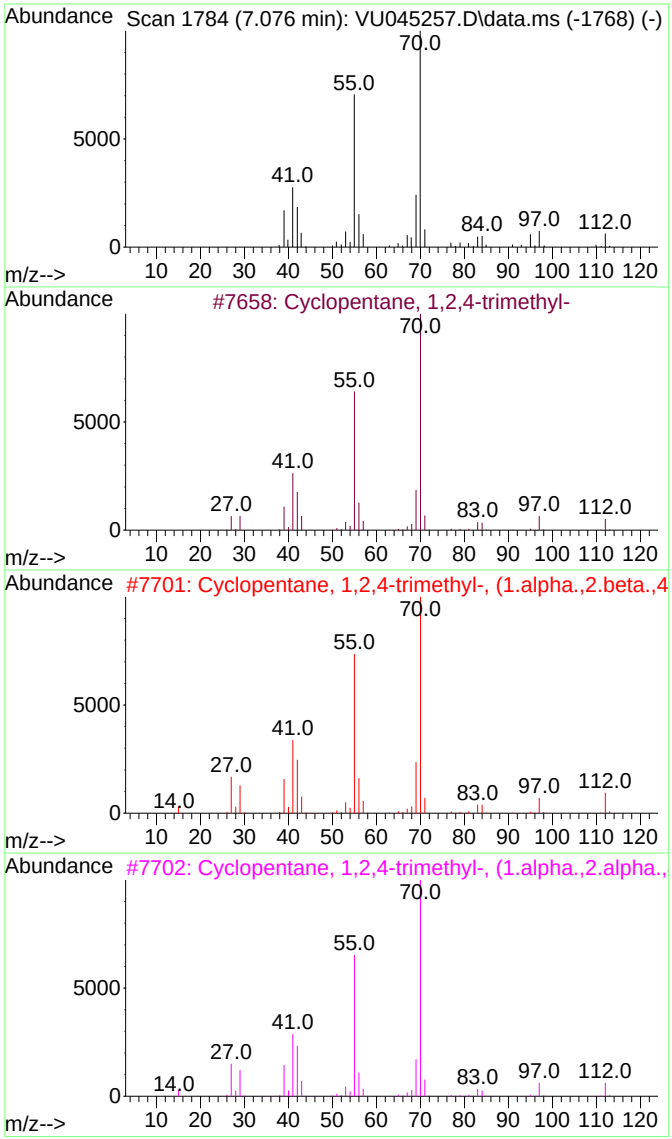
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

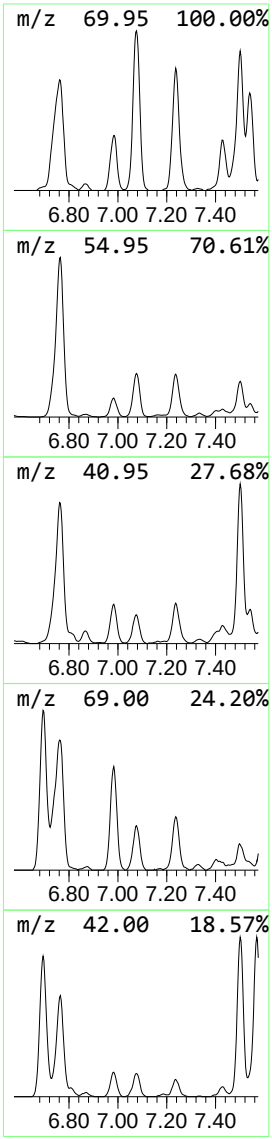
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Cyclic7.076 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.076	10.67 ug/L	159344	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	90
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	90
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	87
4	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	86
5	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

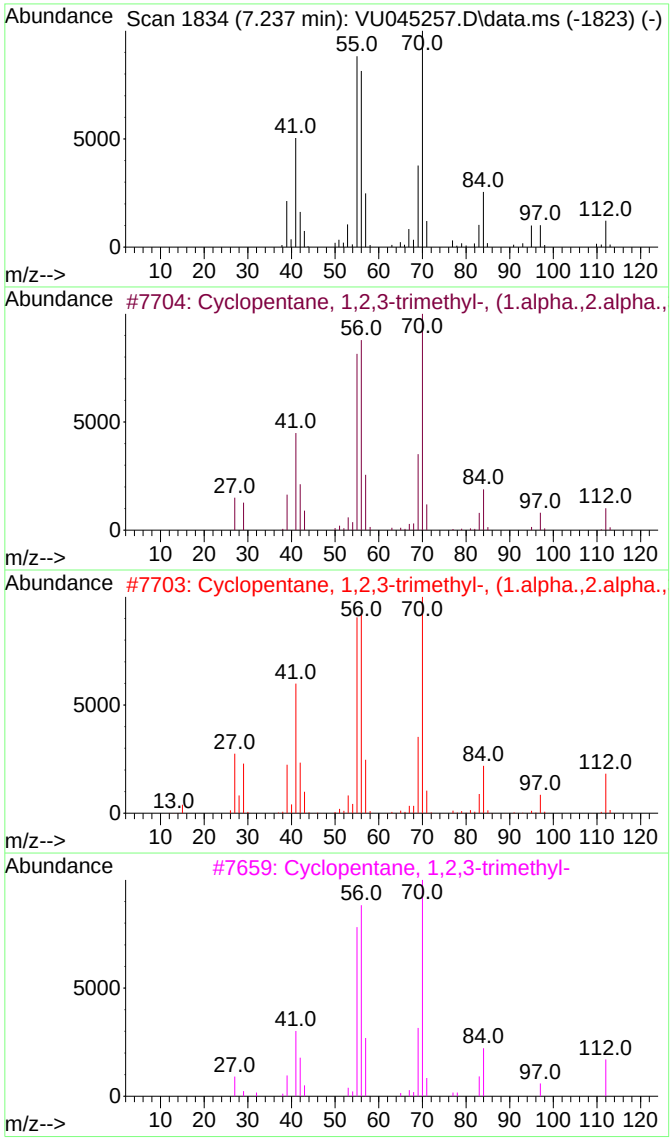
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

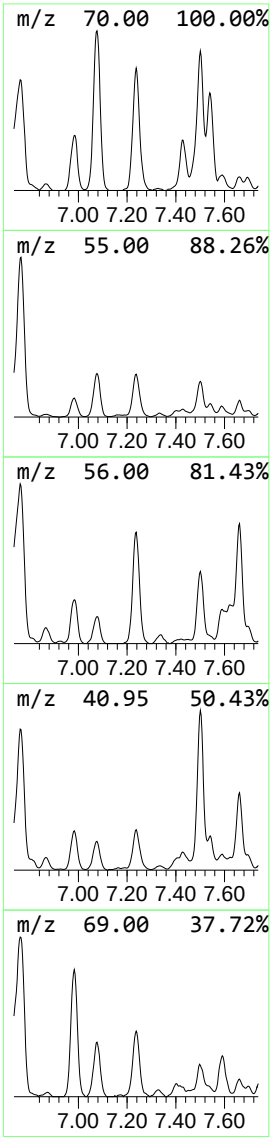
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Cyclic7.237 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.237	13.76 ug/L	205441	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	93
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	93
3	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	91
4	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	83
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

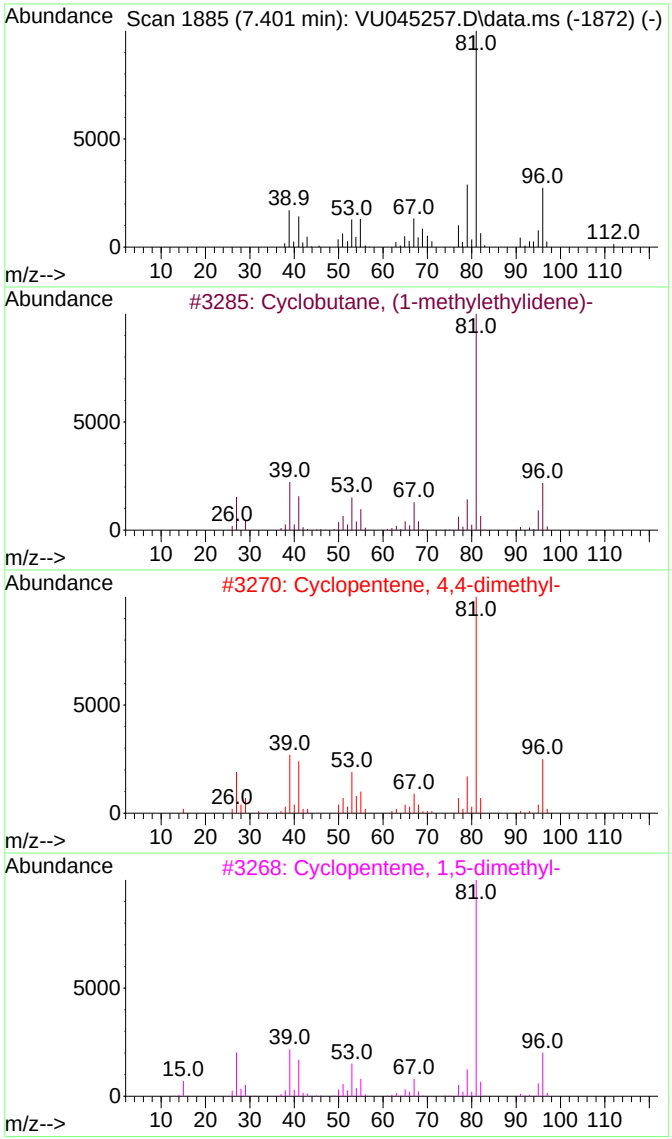
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

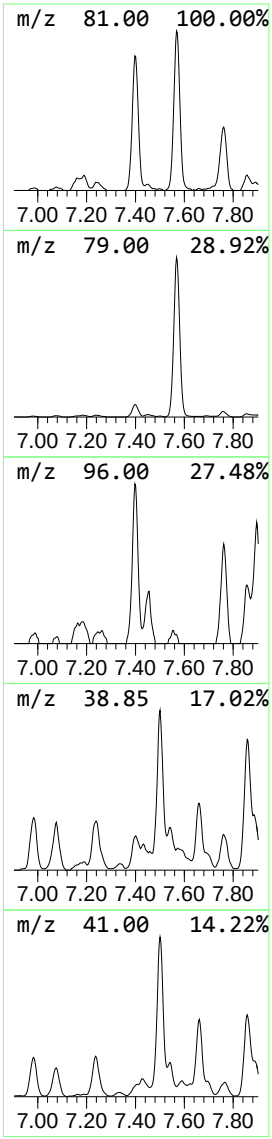
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclobutane, (1-methylethyl... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.401	6.26 ug/L	93438	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	90
2	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	87
3	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	87
4	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	86
5	2-Pentyne, 4,4-dimethyl-	96	C7H12	000999-78-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW914MEDL

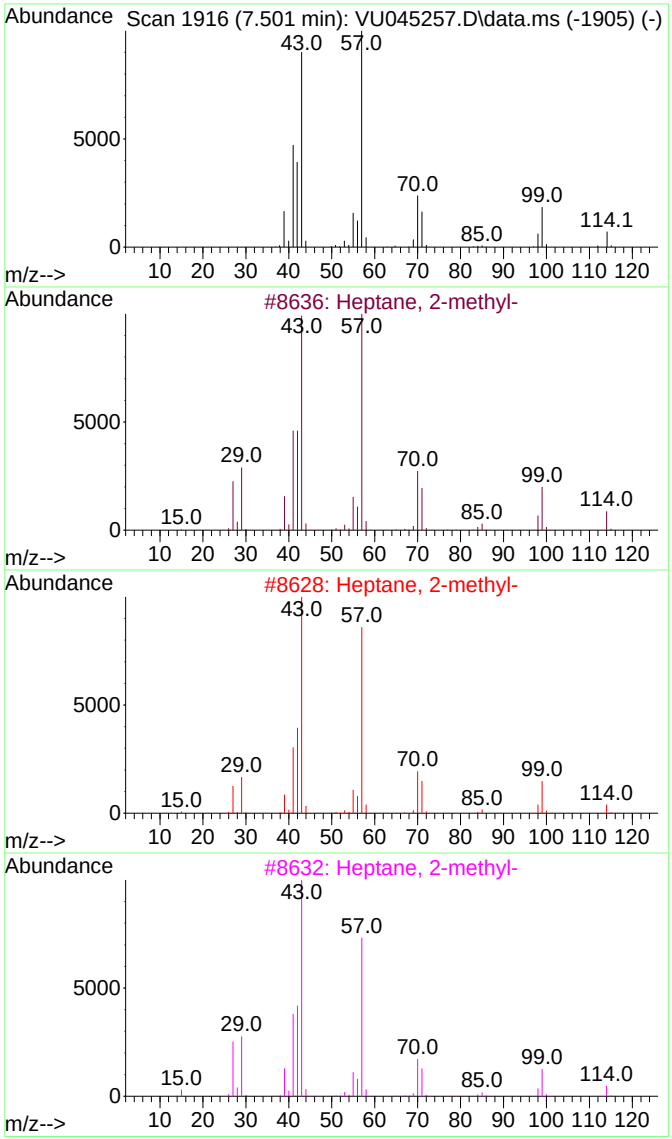
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

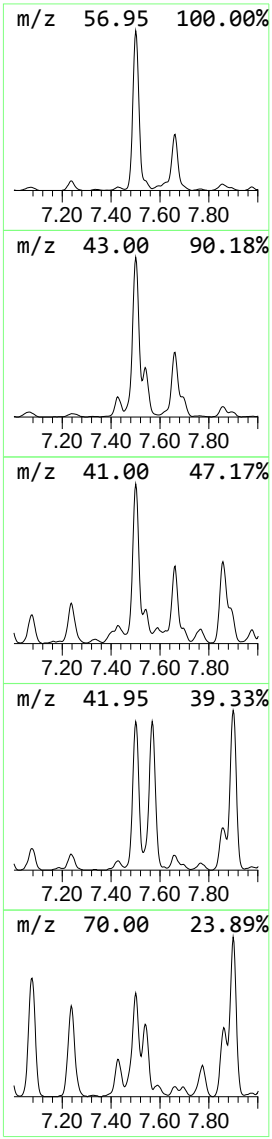
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.501	31.49 ug/L	470206	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	94
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	91
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	72
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

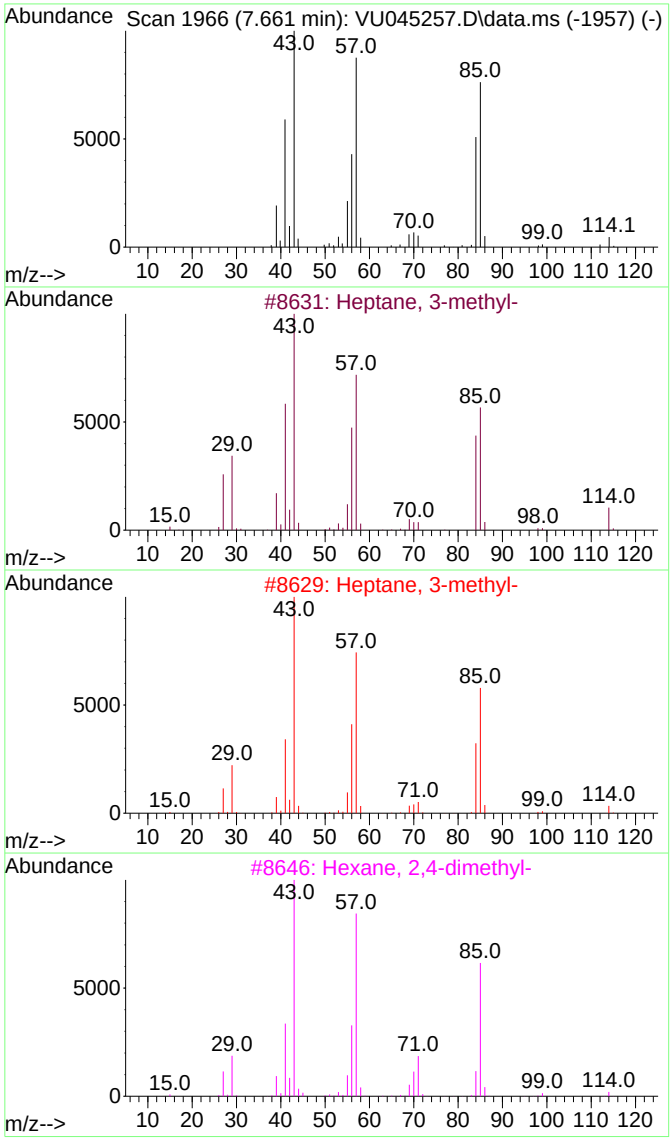
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

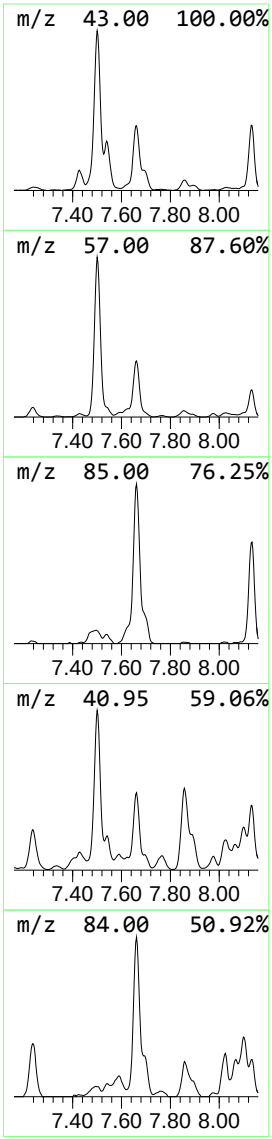
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.661	19.15 ug/L	285969	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	83
4	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	78
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

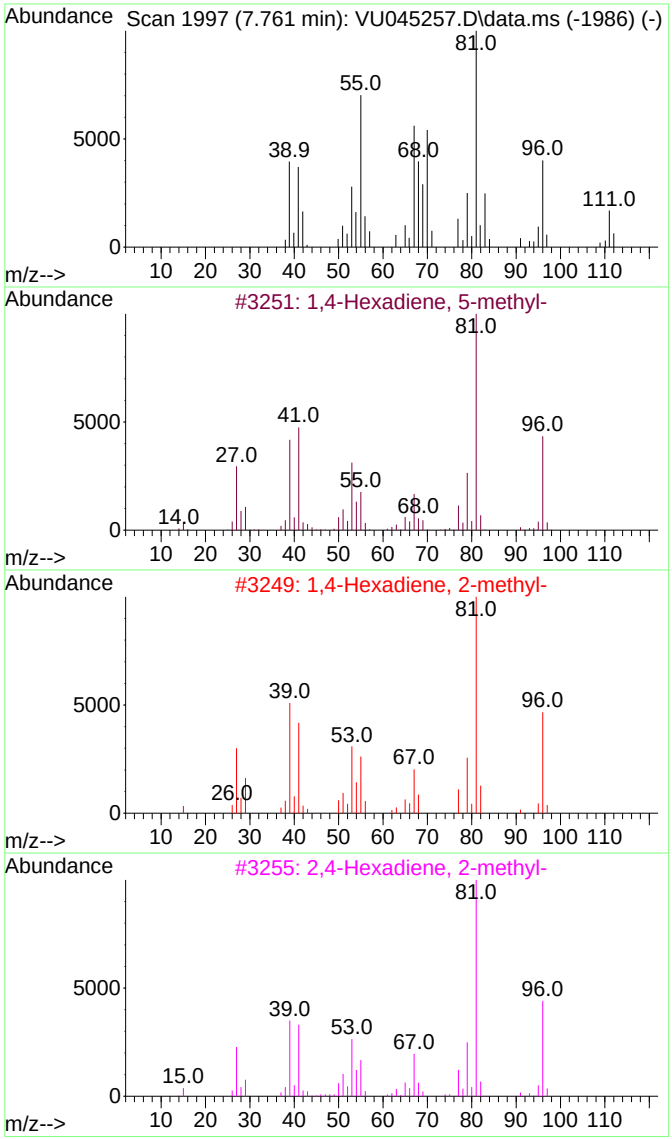
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

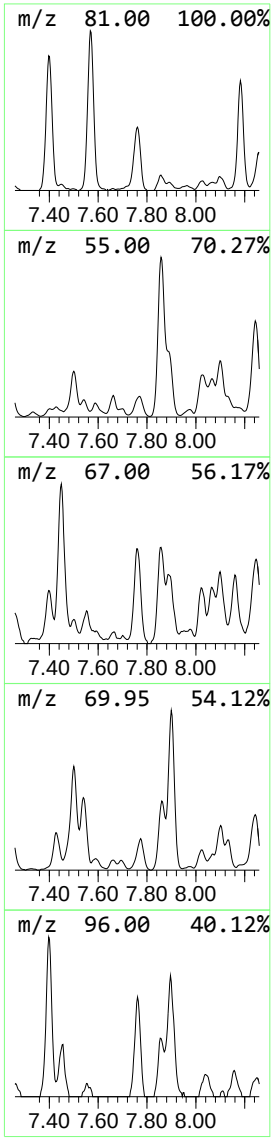
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1,4-Hexadiene, 5-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.761	7.88 ug/L	117746	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Hexadiene, 5-methyl-	96	C7H12	000763-88-2	90
2	1,4-Hexadiene, 2-methyl-	96	C7H12	001119-14-8	90
3	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	90
4	2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	87
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

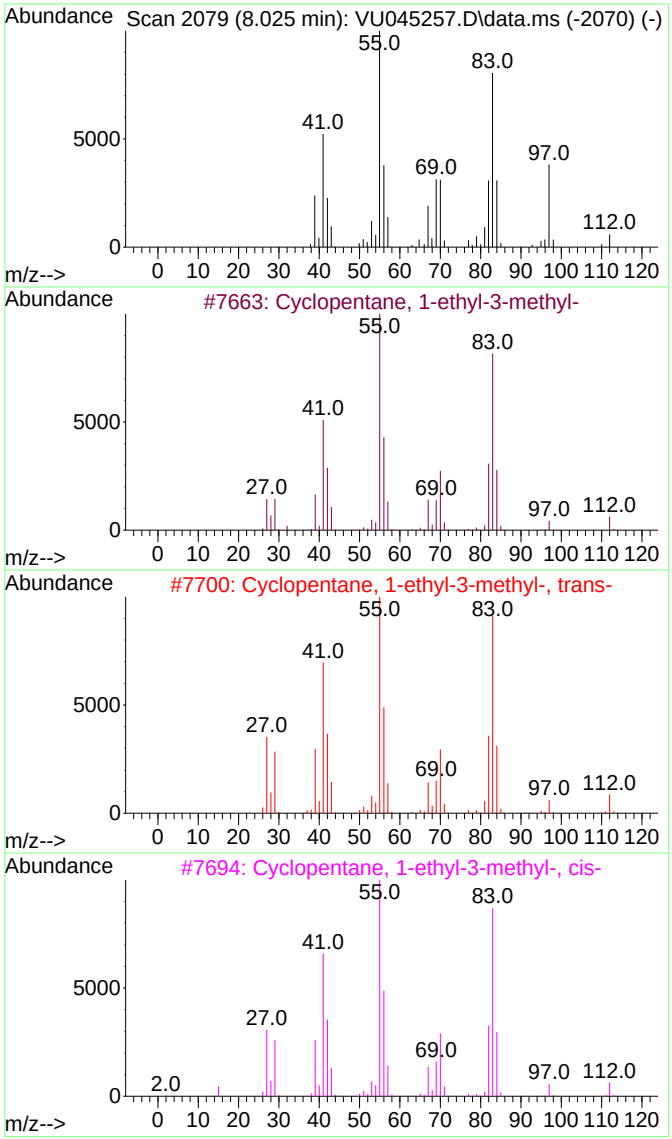
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

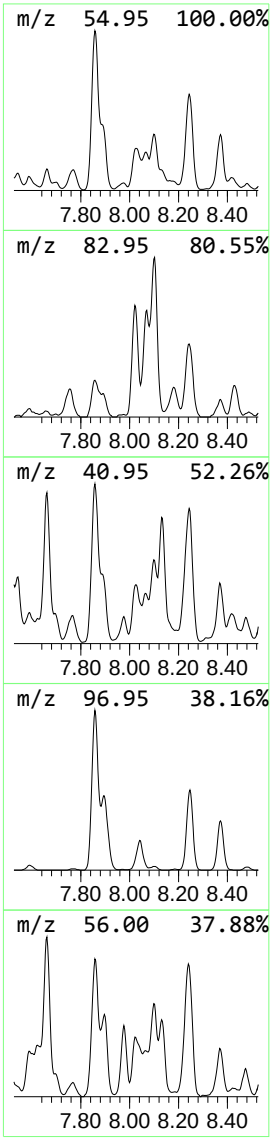
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Cyclic8.025 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.025	7.61 ug/L	131424	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	93
2	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	72
3	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	72
4	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	58
5	3-Hexene, 2,2-dimethyl-, (E)-	112	C8H16	000690-93-7	52





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Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

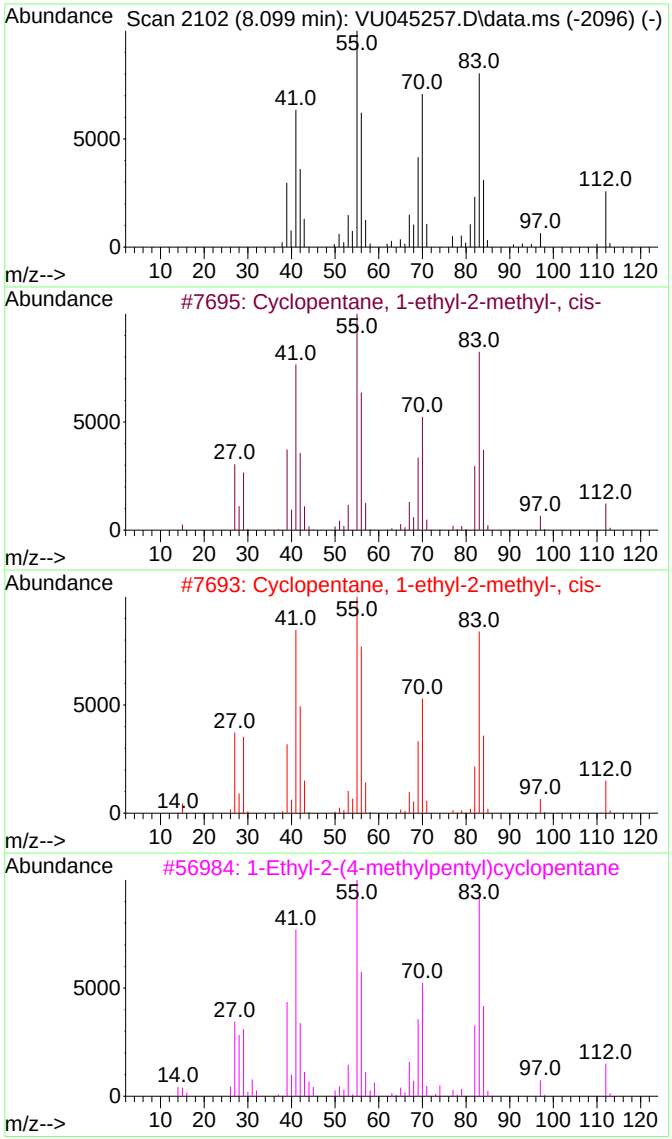
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

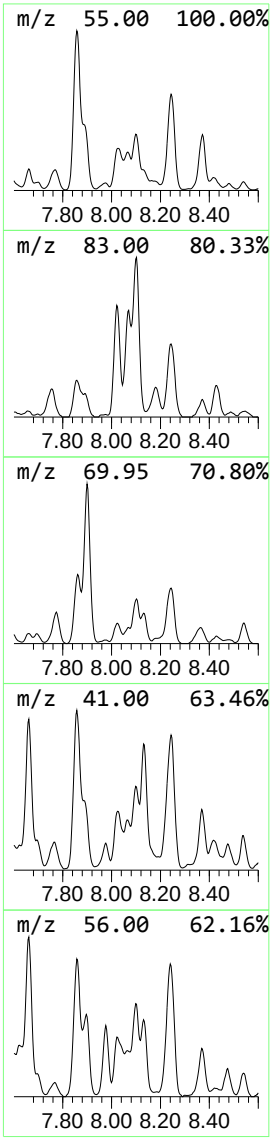
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Cyclic8.099 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.099	3.94 ug/L	68041	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	86
2	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	86
3	1-Ethyl-2-(4-methylpentyl)cyclop...	182	C13H26	219726-60-0	80
4	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	72
5	1,2-Cyclohexanedione	112	C6H8O2	000765-87-7	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

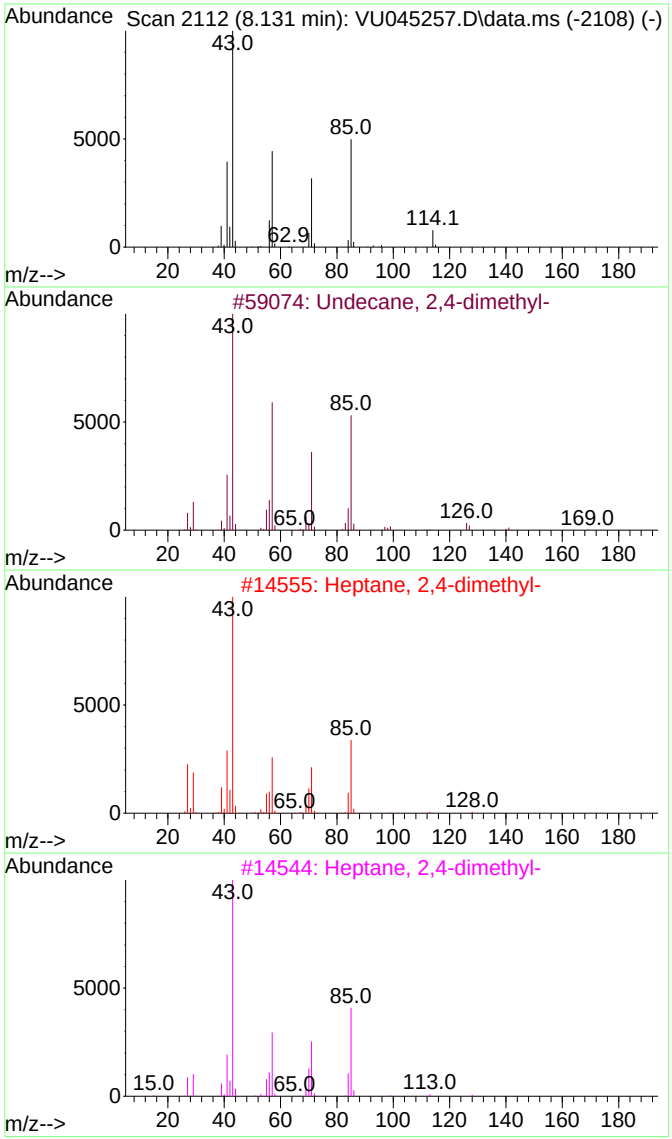
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

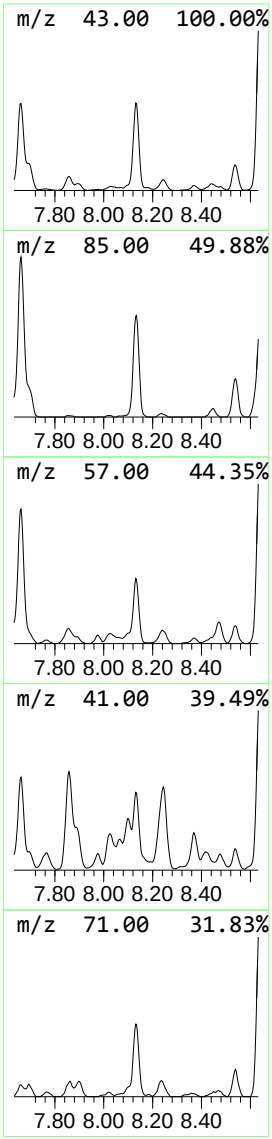
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.131	5.25 ug/L	90619	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	78
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	78
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
4	Octane	114	C8H18	000111-65-9	64
5	Octane	114	C8H18	000111-65-9	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

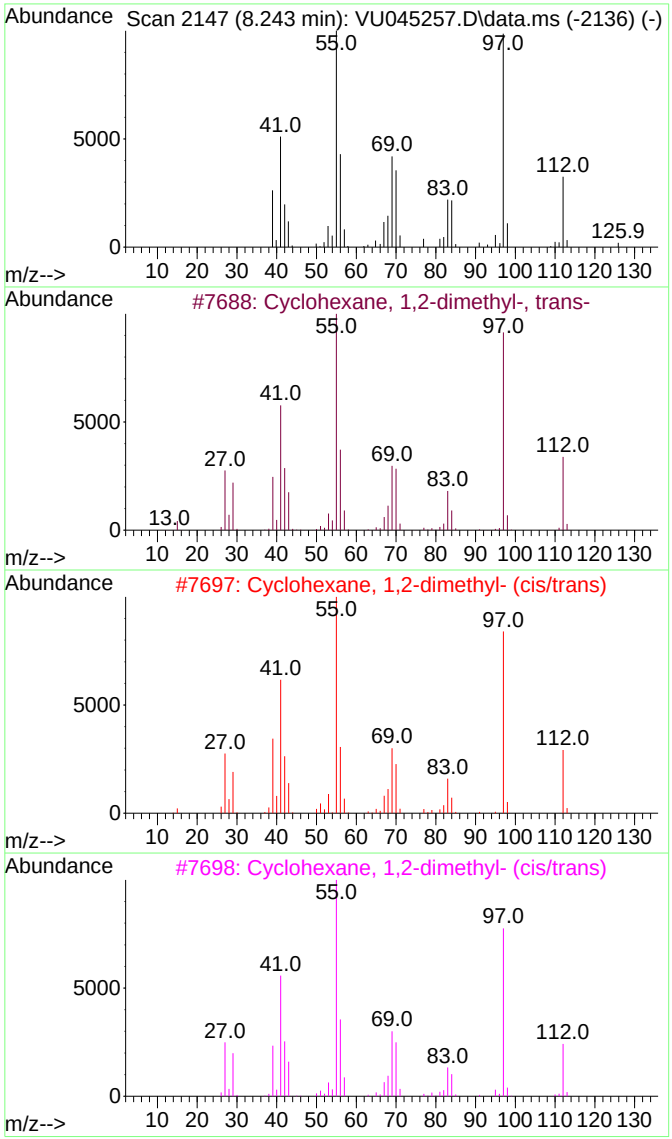
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

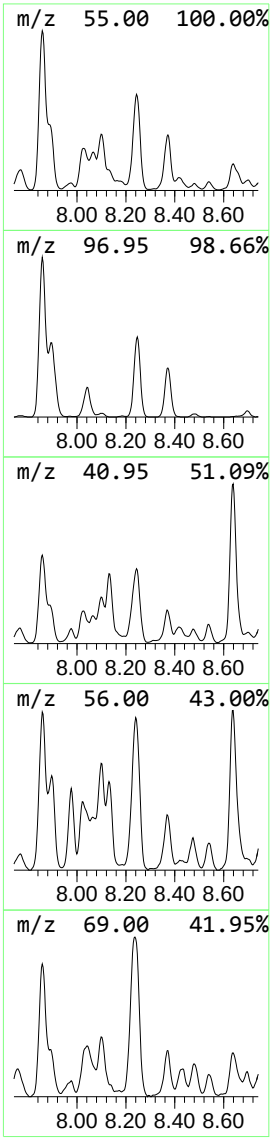
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Cyclic8.243 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.243	21.34 ug/L	368380	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	94
3	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91
4	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW914MEDL

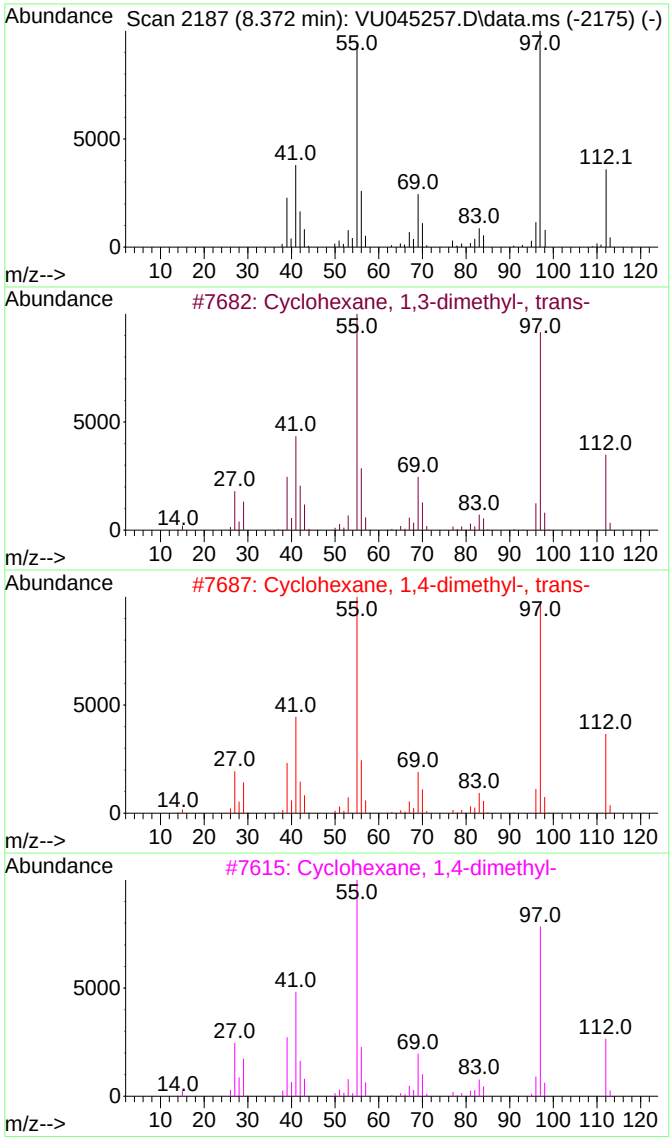
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

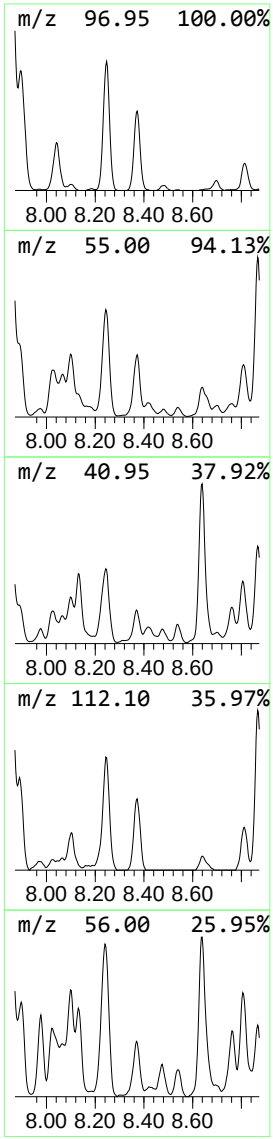
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Cyclic8.372 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.372	7.55 ug/L	130248	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	96
2	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	96
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	95
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
5	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

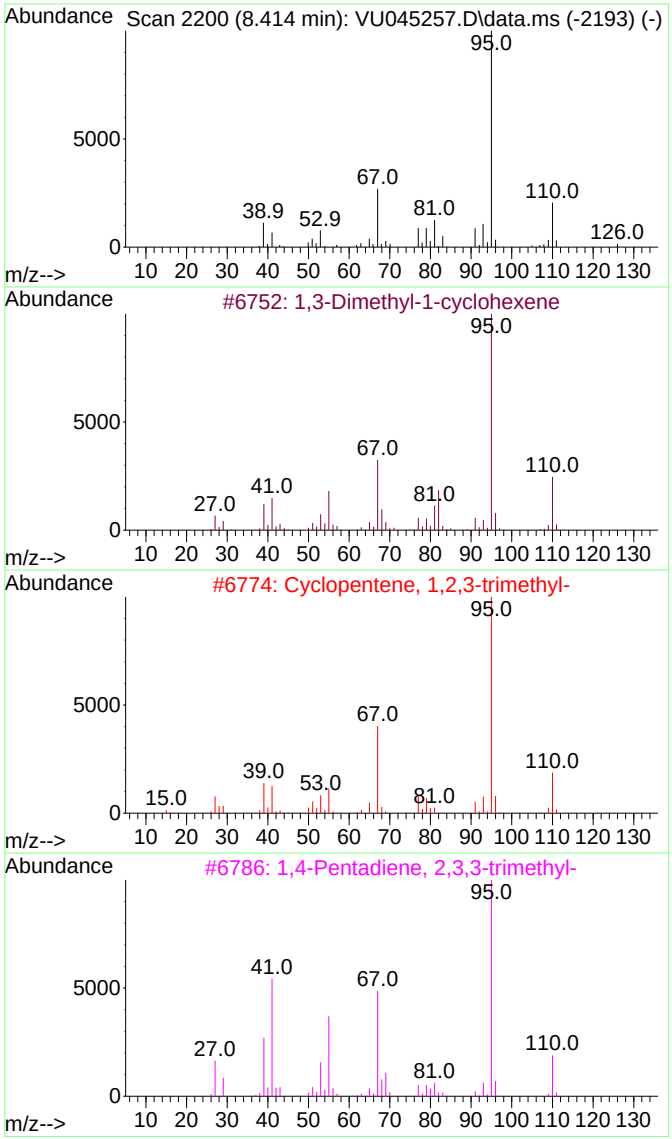
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

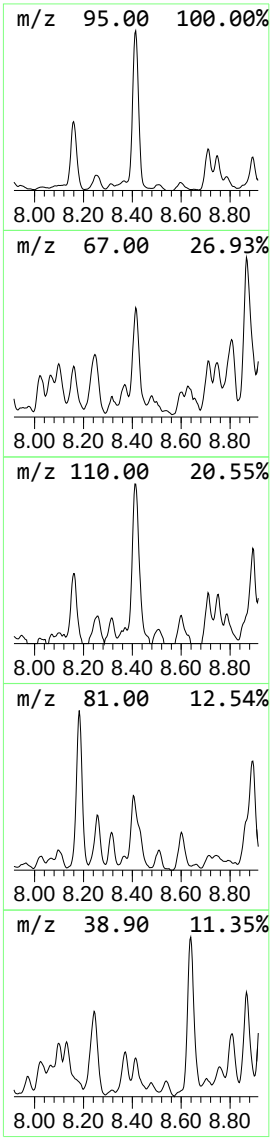
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 1,3-Dimethyl-1-cyclohexene Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.414	6.30 ug/L	108790	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	86
2	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	83
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	64
4	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	64
5	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

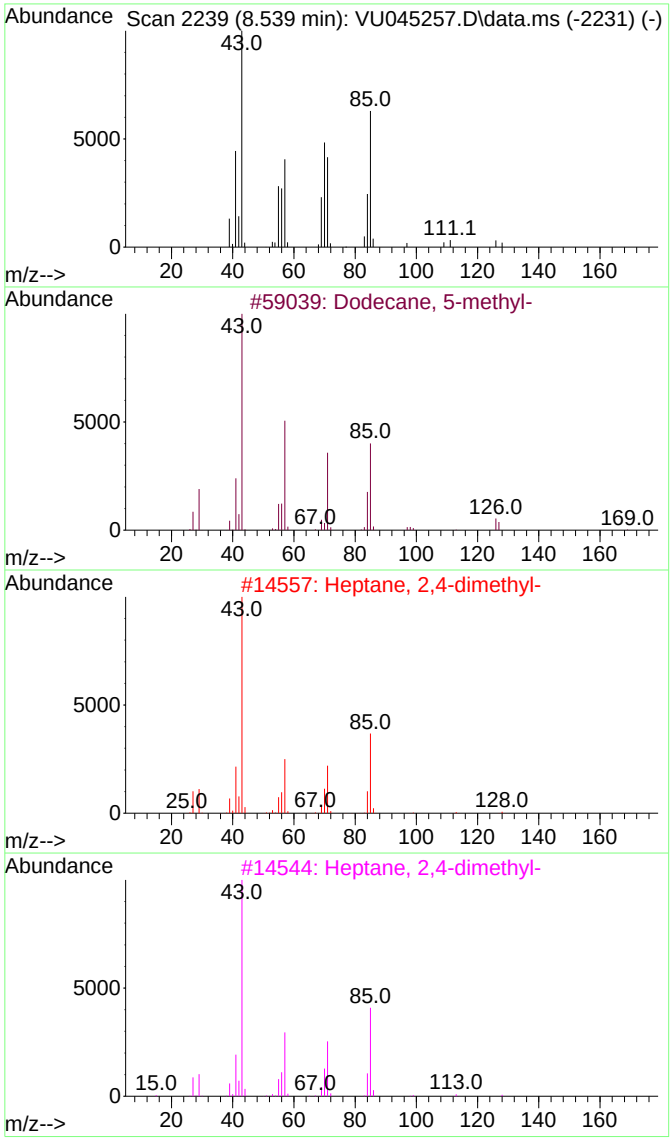
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

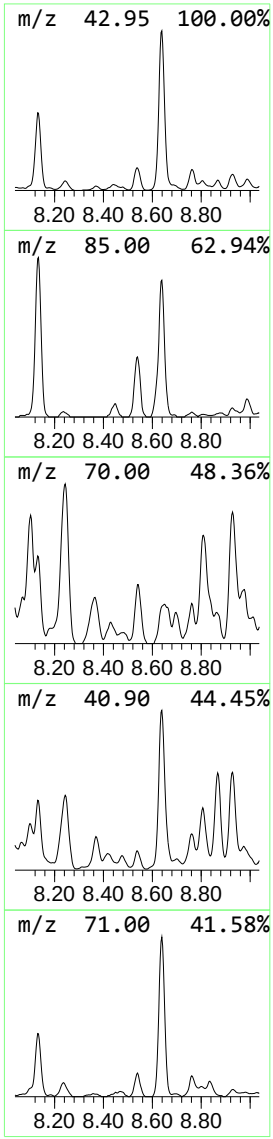
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.539	3.90 ug/L	67295	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 5-methyl-	184	C13H28	017453-93-9	53
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
4	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	50
5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

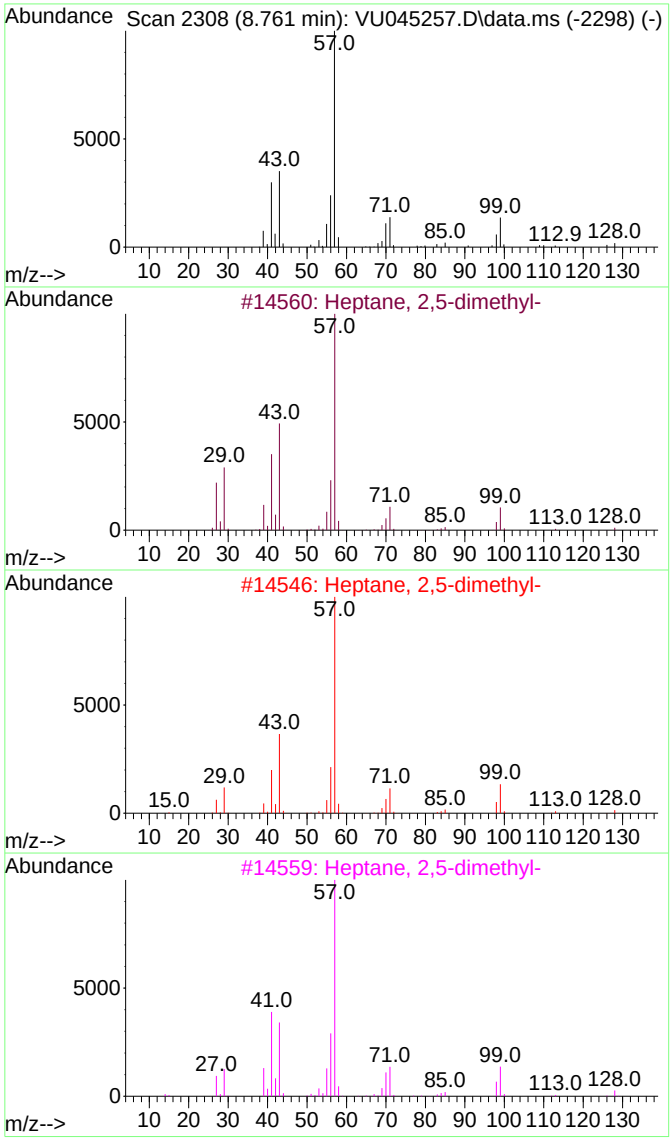
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

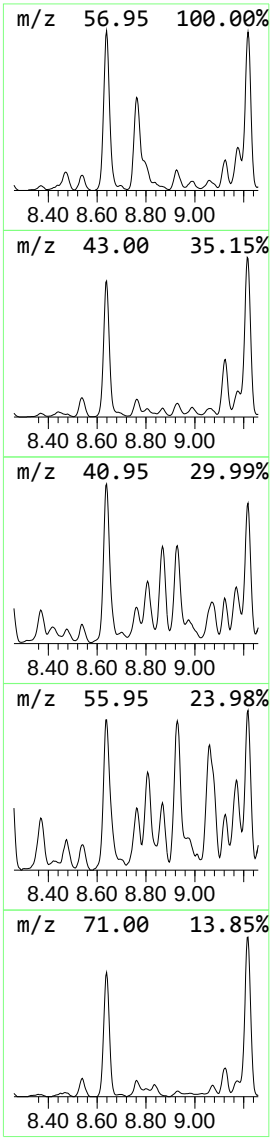
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.761	5.65 ug/L	97564	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
4	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	81
5	Octane, 3-methyl-	128	C9H20	002216-33-3	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

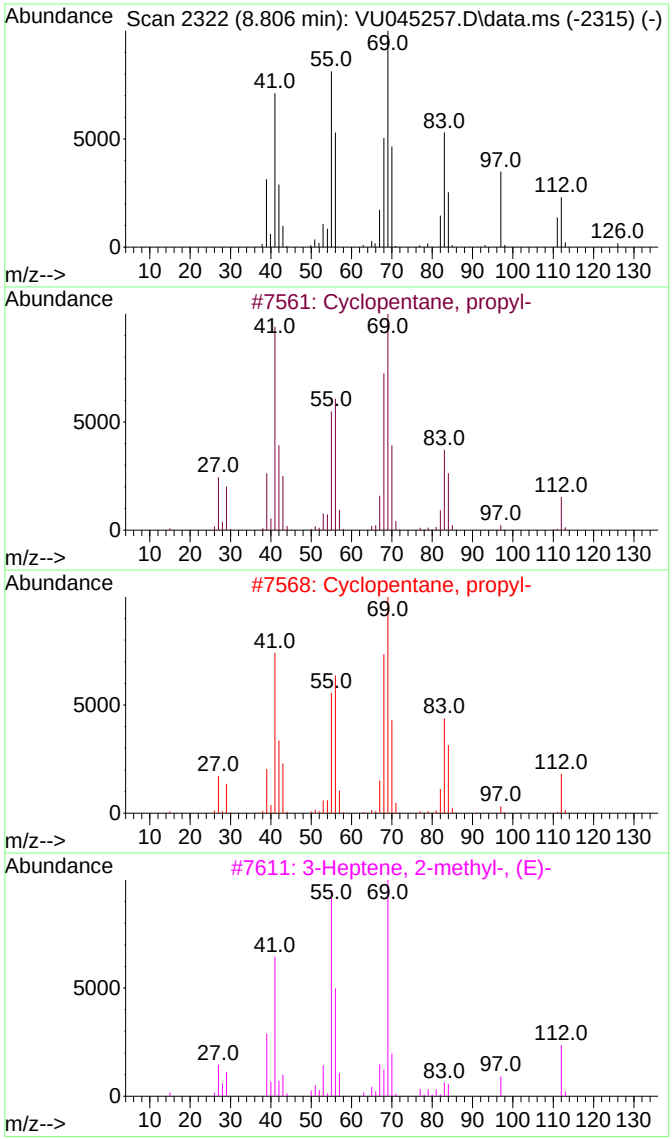
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

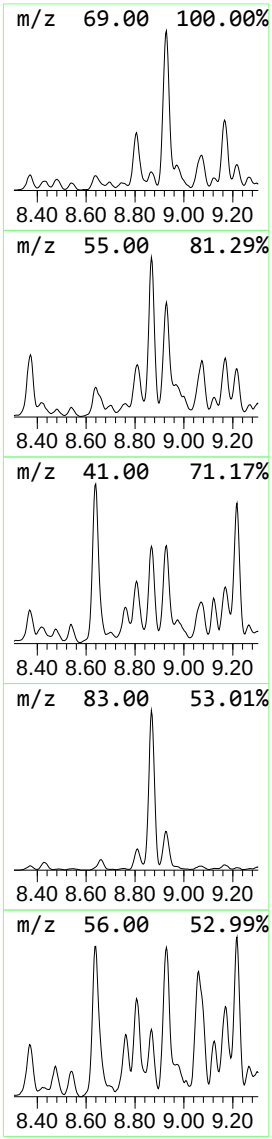
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Cyclic8.806 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.806	8.82 ug/L	152274	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, propyl-	112	C8H16	002040-96-2	76
2	Cyclopentane, propyl-	112	C8H16	002040-96-2	62
3	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	49
4	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	46
5	3-Heptene, 2-methyl-	112	C8H16	017618-76-7	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

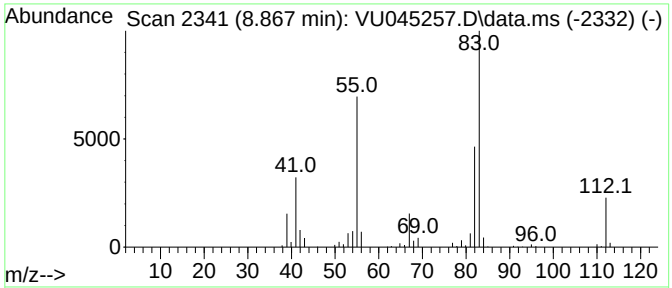
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

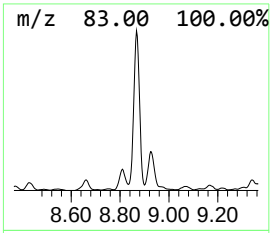
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

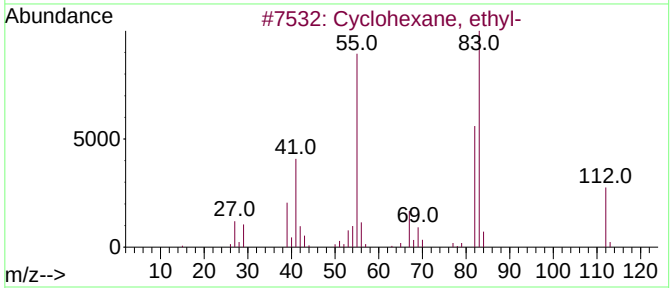
****
Peak Number 28 (DEL) Alkane: Cyclic8.867 Concentration Rank 15

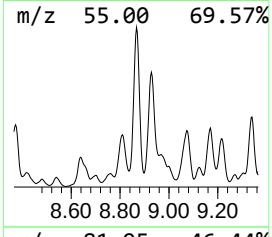
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.867	17.54 ug/L	302820	Chlorobenzene-d5	9.420

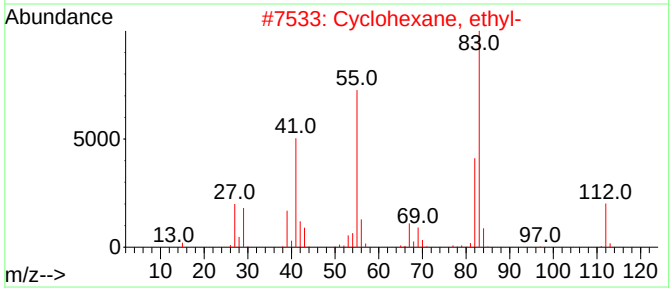
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	87
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	86

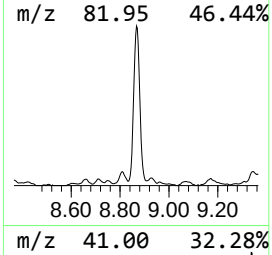


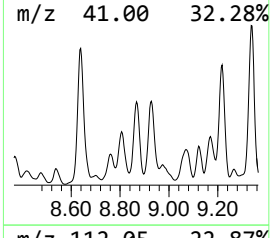


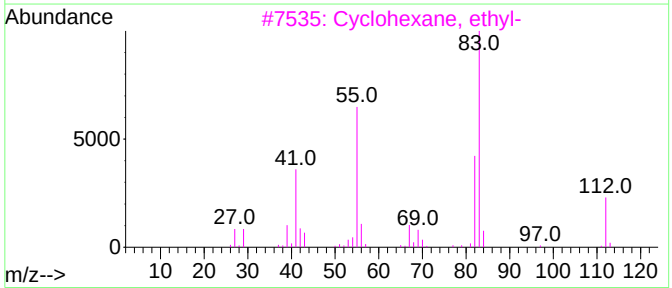


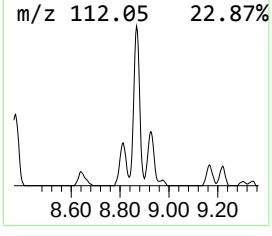












Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW914MEDL

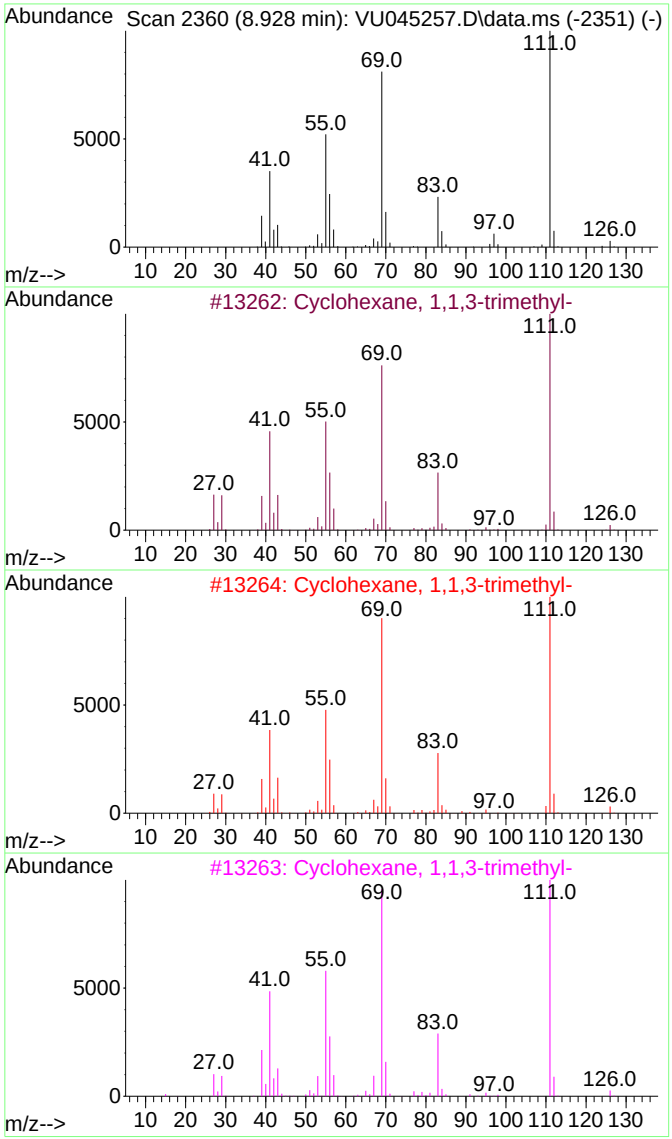
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

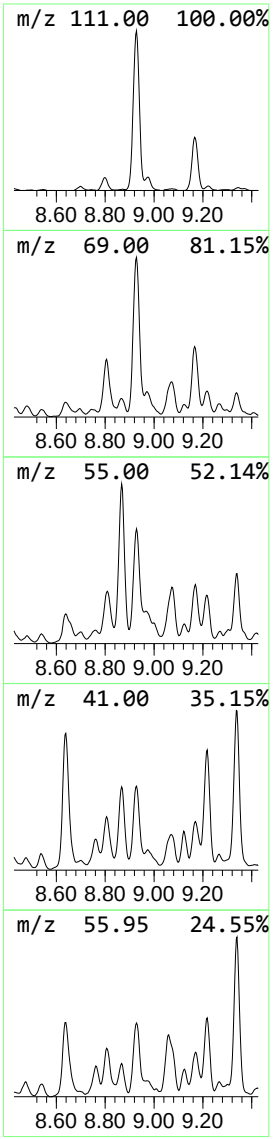
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Cyclic8.928 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.928	18.22 ug/L	314532	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	74
4	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	64
5	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

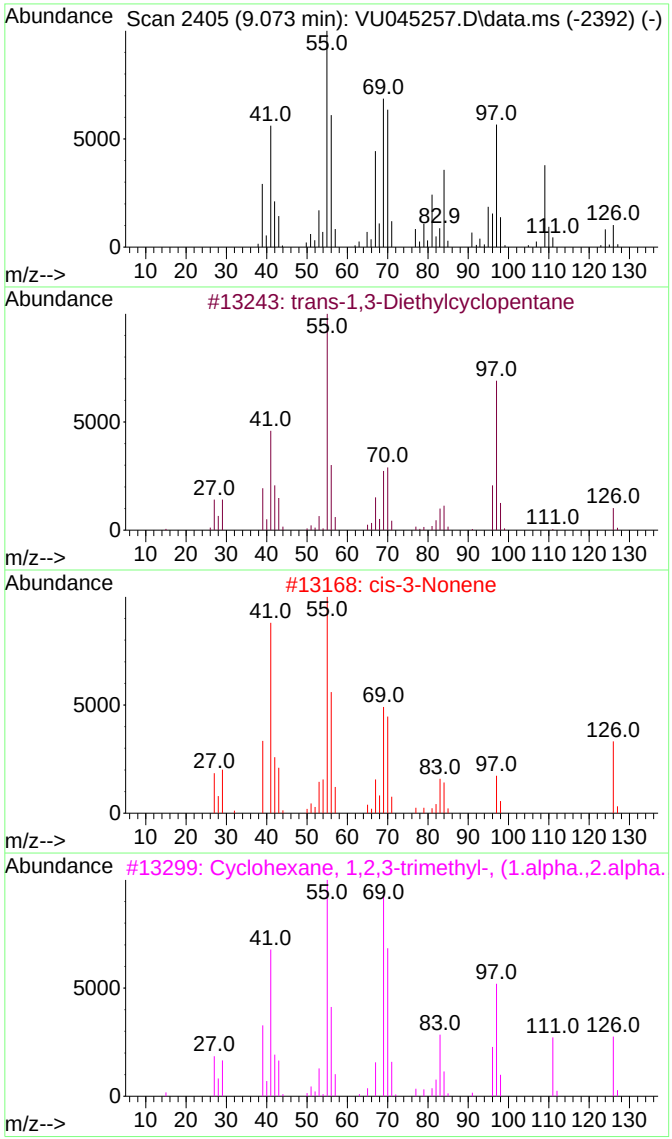
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

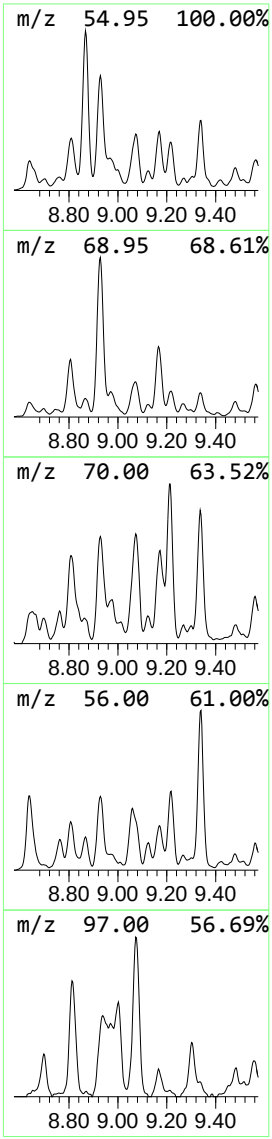
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 (DEL) Alkane: Cyclic9.073 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.073	12.54 ug/L	216401	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,3-Diethylcyclopentane	126	C9H18	1000113-87-1	50
2	cis-3-Nonene	126	C9H18	020237-46-1	46
3	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	43
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	38
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

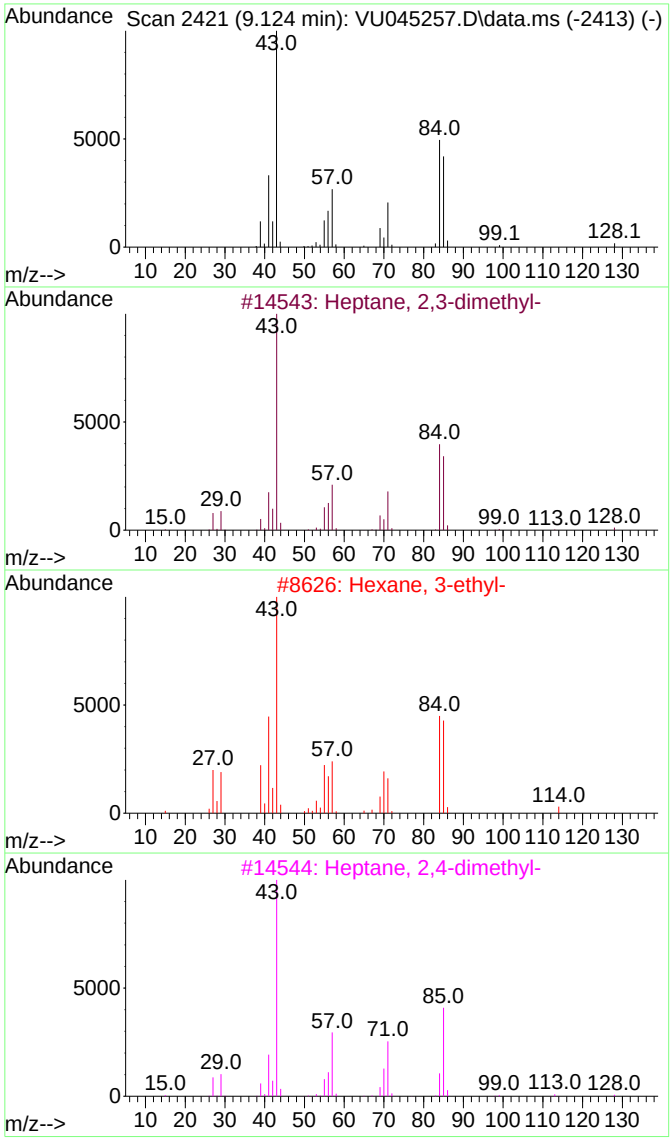
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

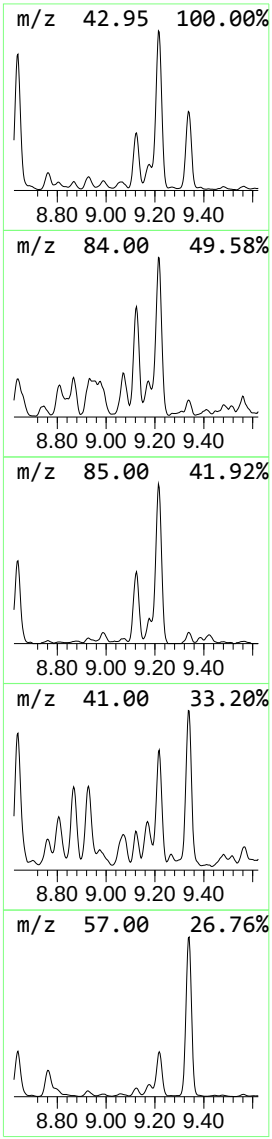
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.124	6.96 ug/L	120182	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	91
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	78
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	68
4	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	68
5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

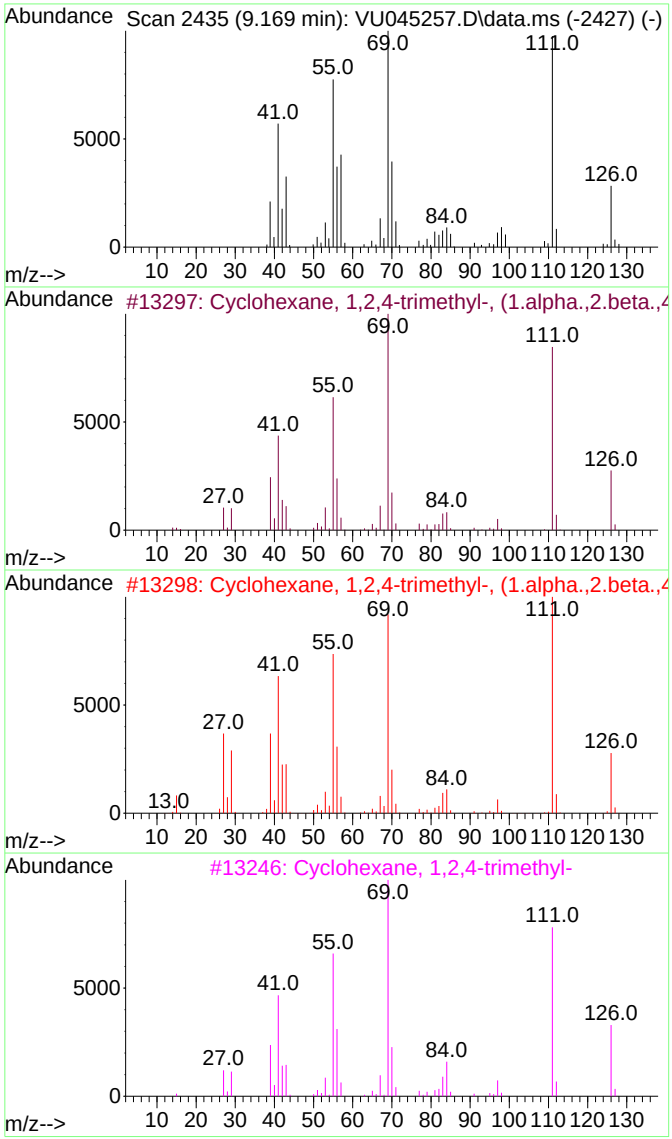
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

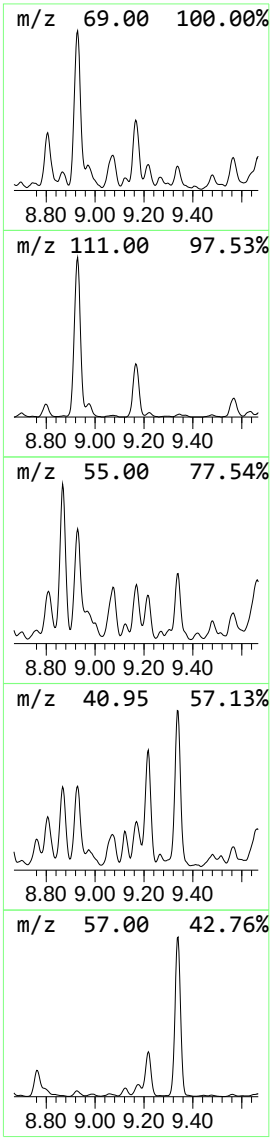
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Cyclic9.169 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.169	12.86 ug/L	221990	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	94
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	93
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW914MEDL

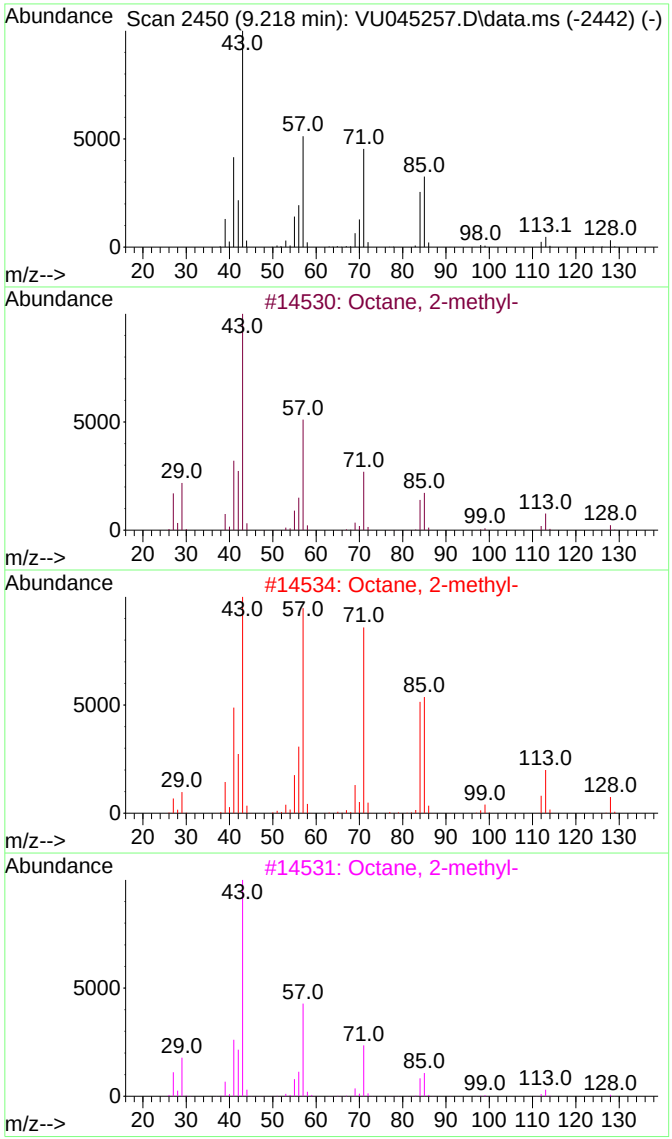
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

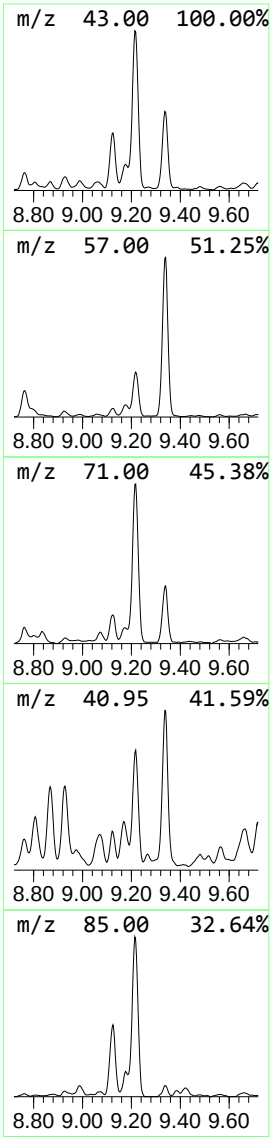
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.218	25.63 ug/L	442377	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	90
2	Octane, 2-methyl-	128	C9H20	003221-61-2	87
3	Octane, 2-methyl-	128	C9H20	003221-61-2	80
4	Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	59
5	Octane, 4-methyl-	128	C9H20	002216-34-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

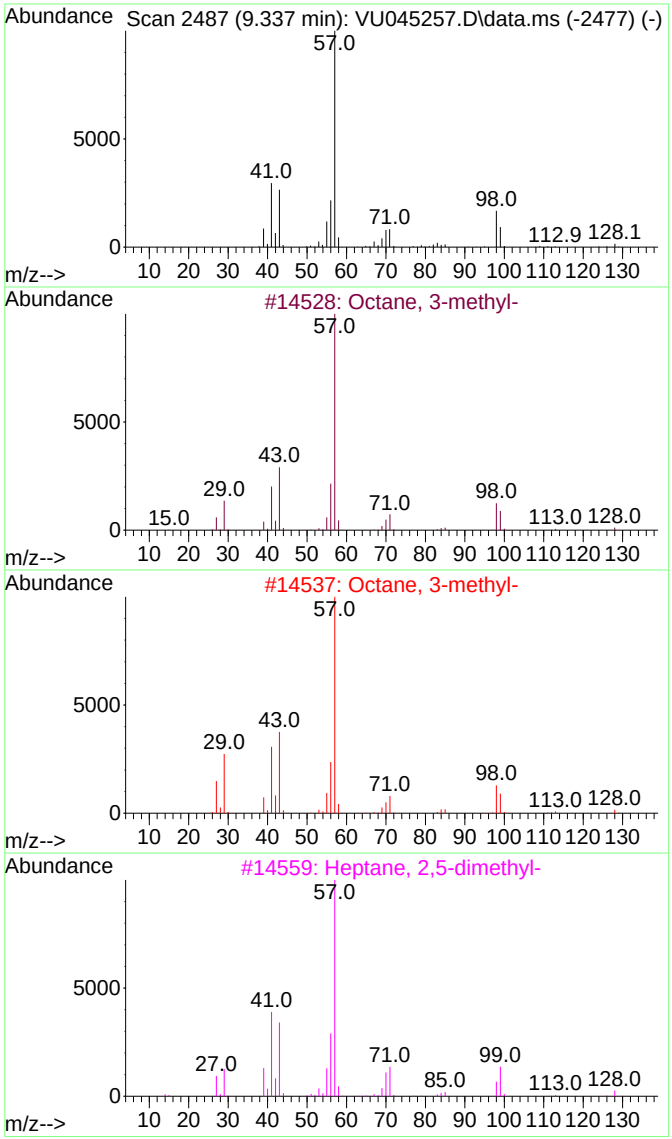
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

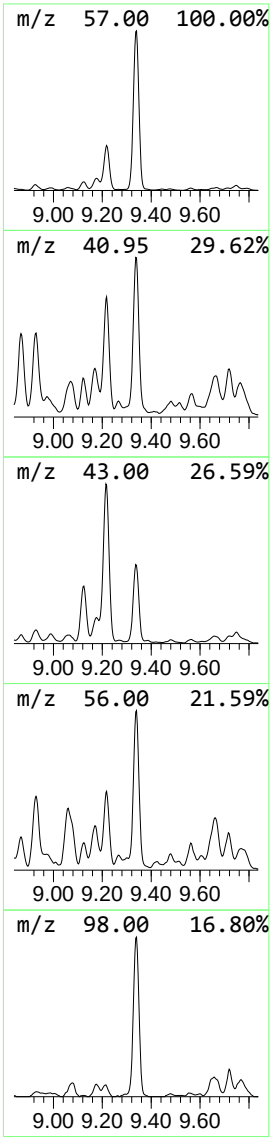
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.337	31.76 ug/L	548291	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	87
2	Octane, 3-methyl-	128	C9H20	002216-33-3	87
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	81
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	80
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

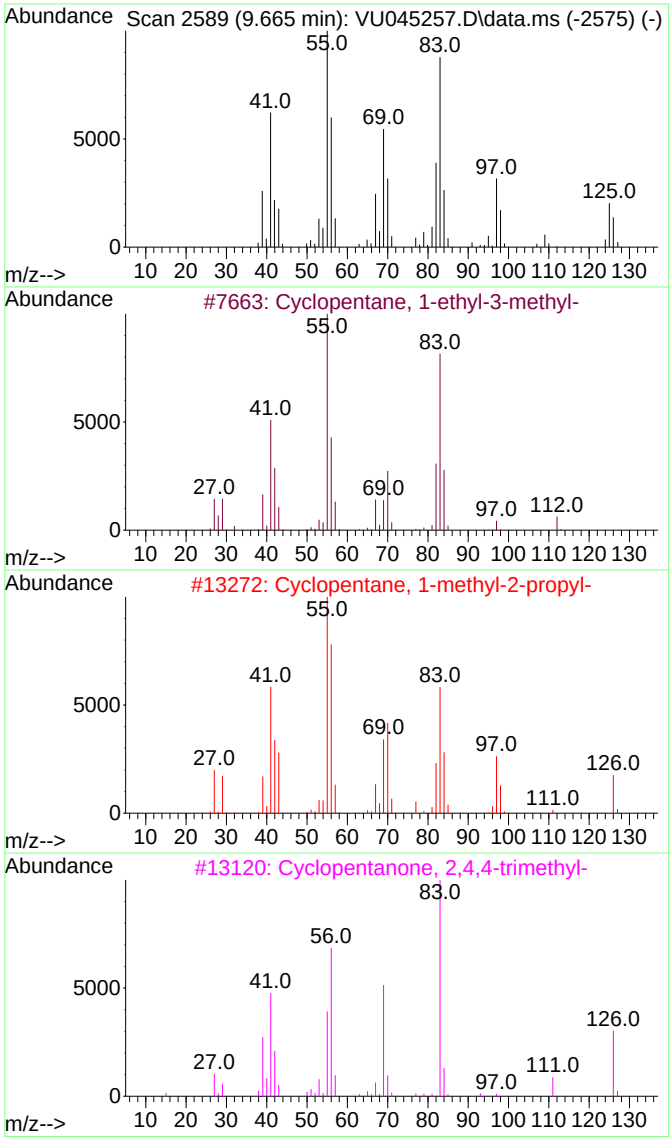
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

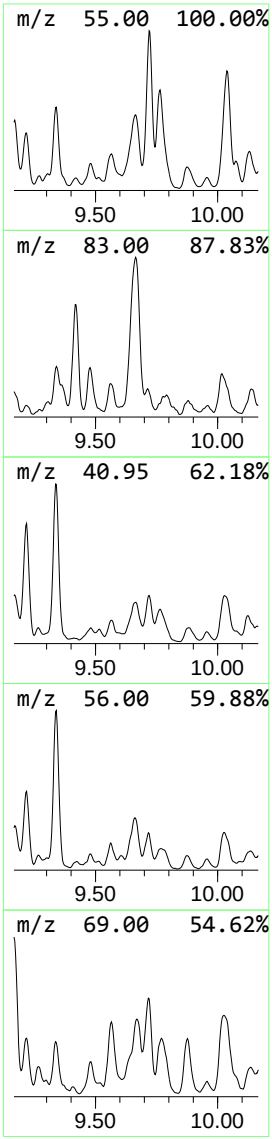
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 (DEL) Alkane: Cyclic9.665 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.665	12.75 ug/L	220147	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	76
2	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	50
3	Cyclopentanone, 2,4,4-trimethyl-	126	C8H14O	004694-12-6	43
4	Cycloheptanone, 4-methyl-, (R)-	126	C8H14O	013609-59-1	38
5	Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	30





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

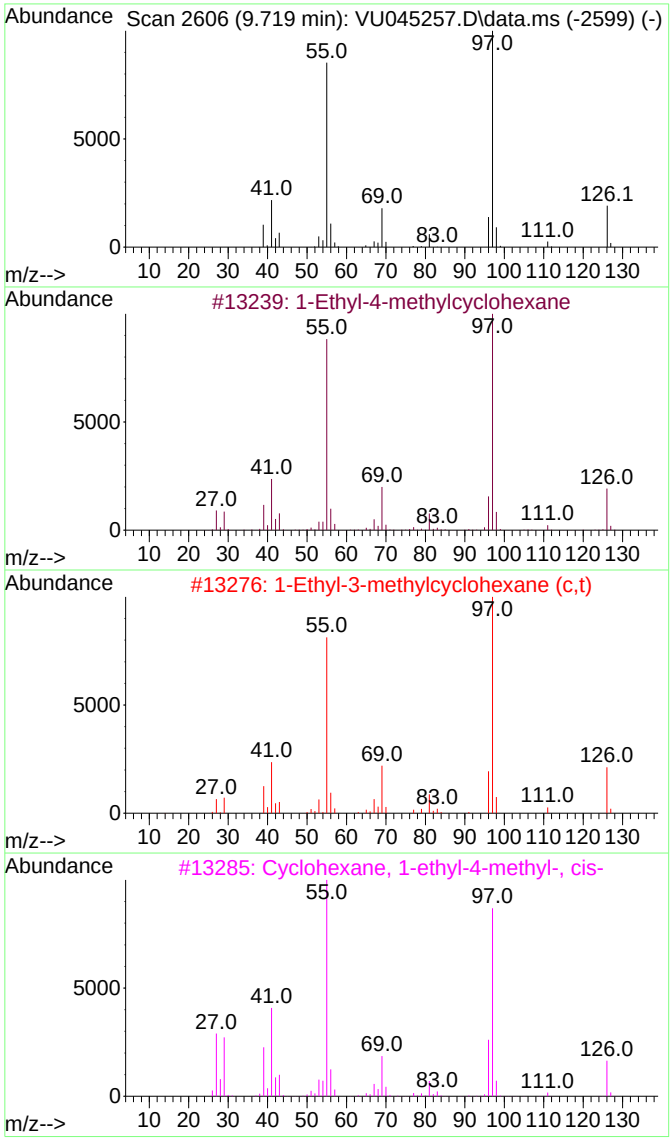
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

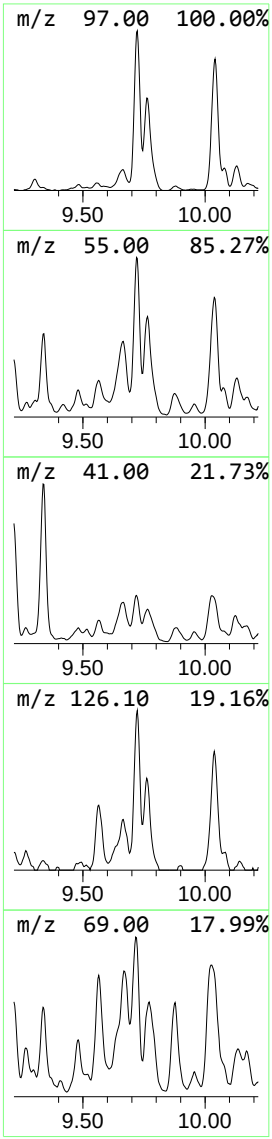
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Cyclic9.719 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.719	12.40 ug/L	214035	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	91
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	83
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	83
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

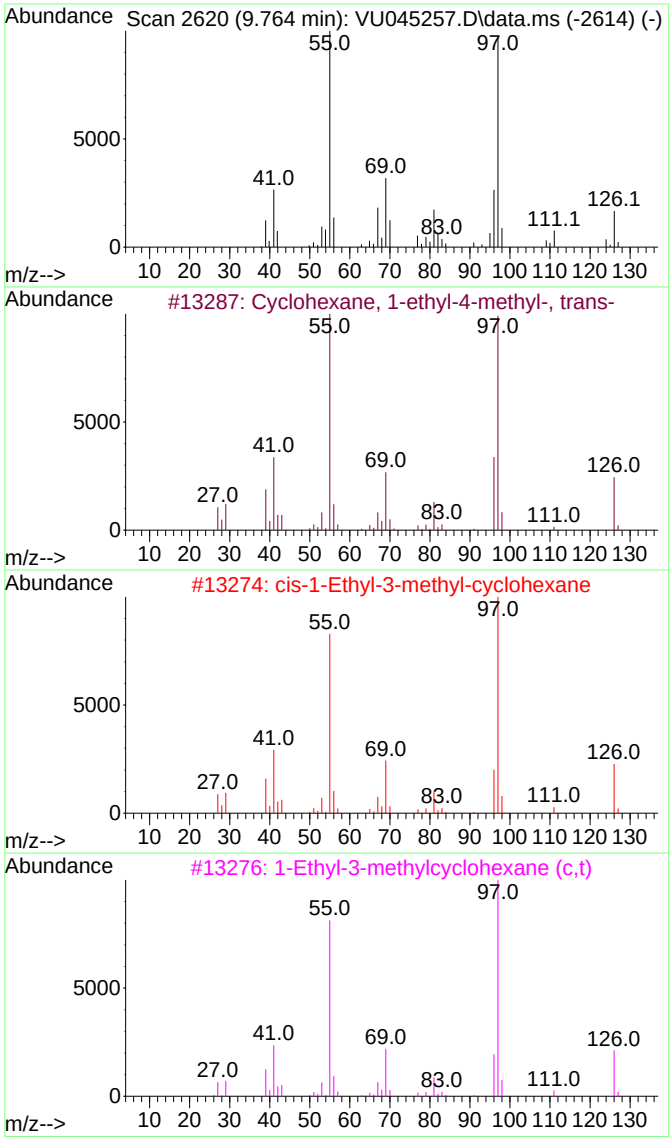
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

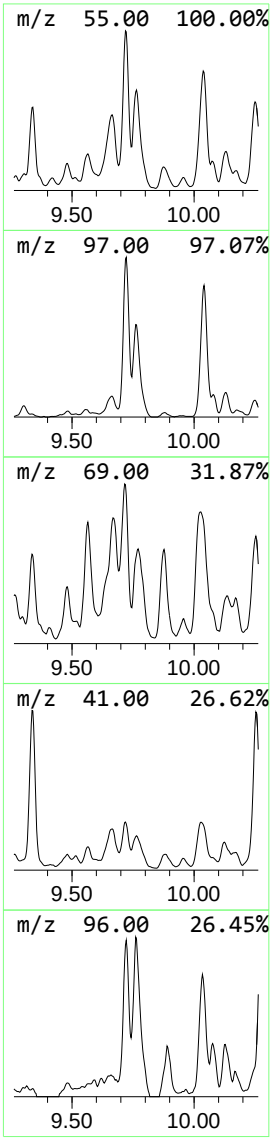
****

Peak Number 37 (DEL) Alkane: Cyclic9.764 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.764	13.89 ug/L	239805	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	90
2	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	87
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	83
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	83
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

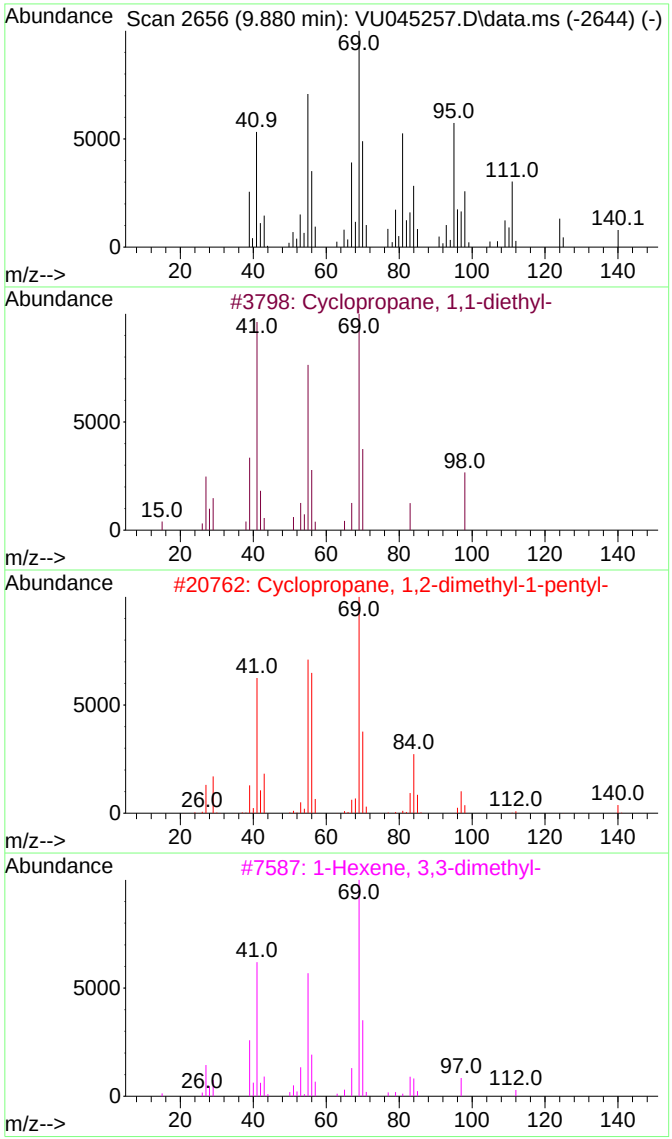
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

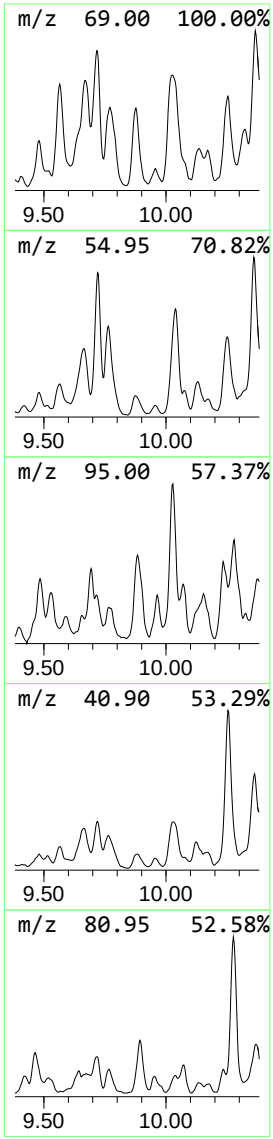
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Cyclic9.880 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.880	7.28 ug/L	125656	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	50
2	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	43
3	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	41
4	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	38
5	1,3-Heptadiene, 5,5-dimethyl-	124	C9H16	024618-86-8	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

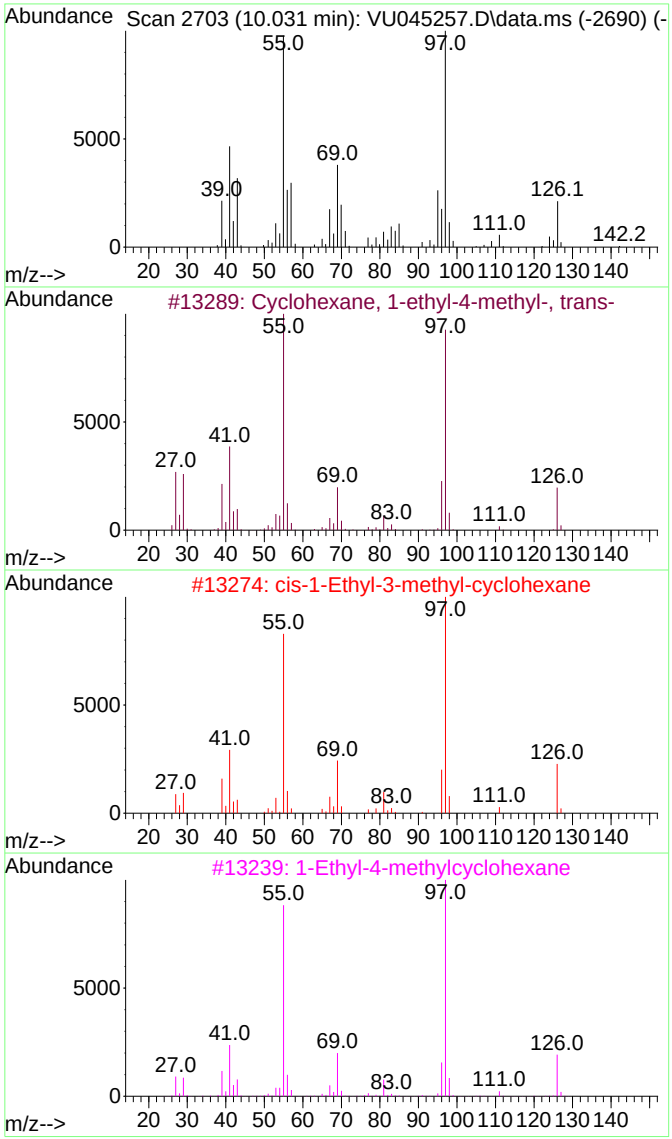
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

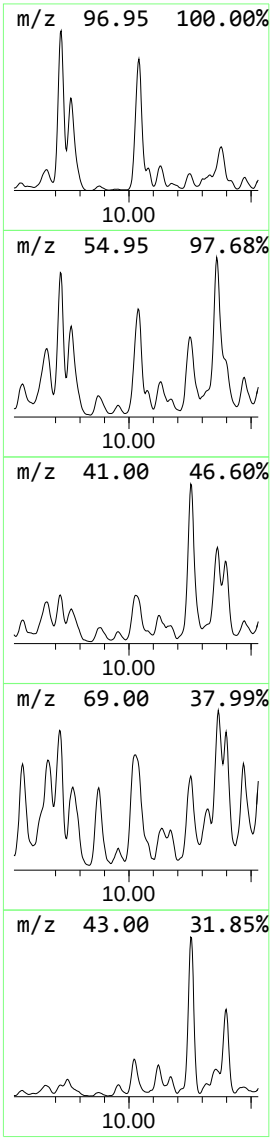
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Cyclic10.031 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.031	22.70 ug/L	391872	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	62
2	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	58
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	58
4	2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	58
5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

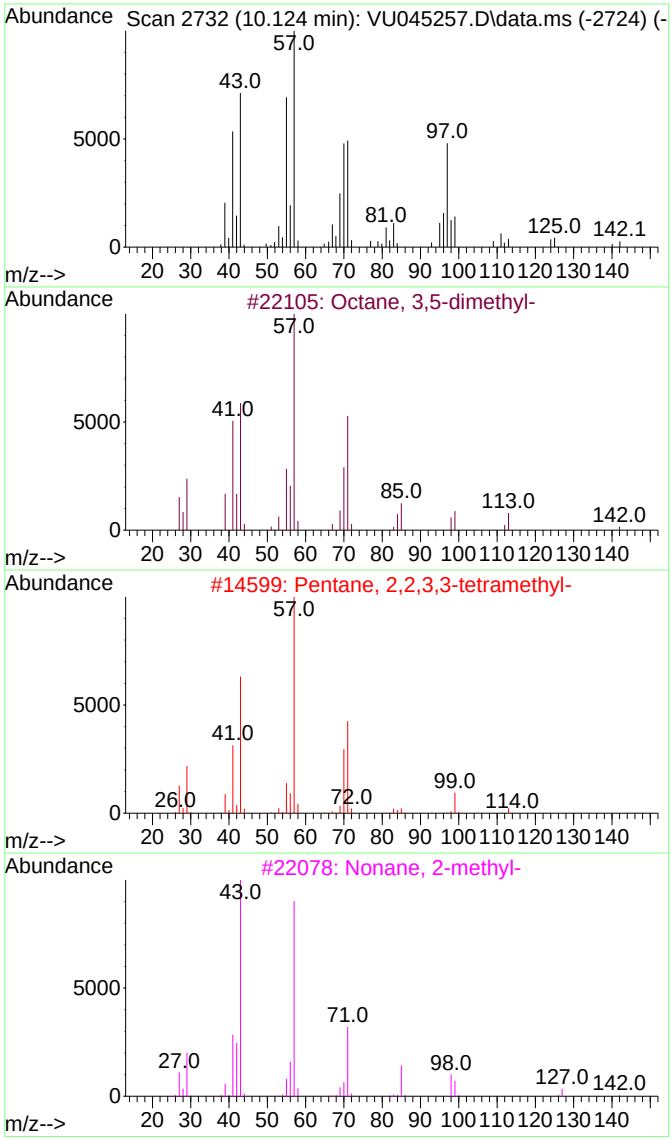
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

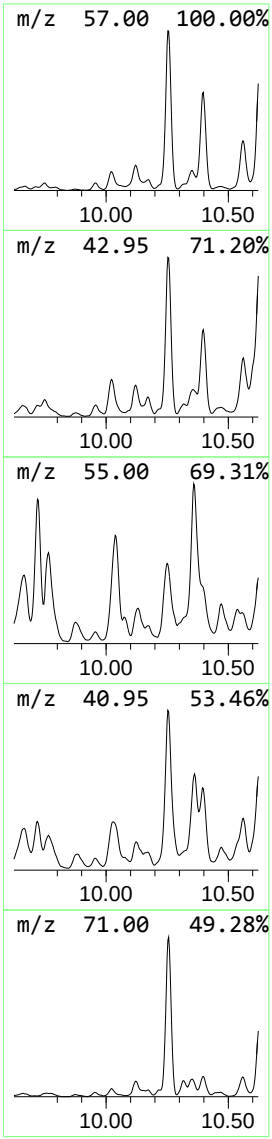
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.124	6.57 ug/L	113453	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	46
2	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	43
3	Nonane, 2-methyl-	142	C10H22	000871-83-0	38
4	1-Hexene, 3,5,5-trimethyl-	126	C9H18	004316-65-8	38
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

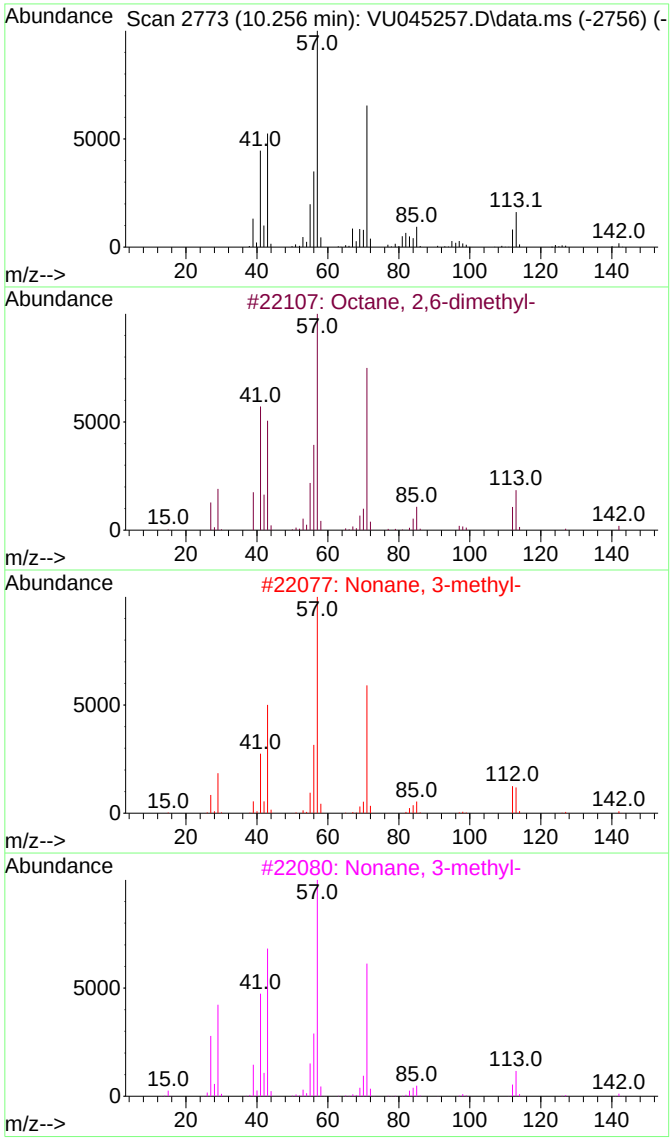
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

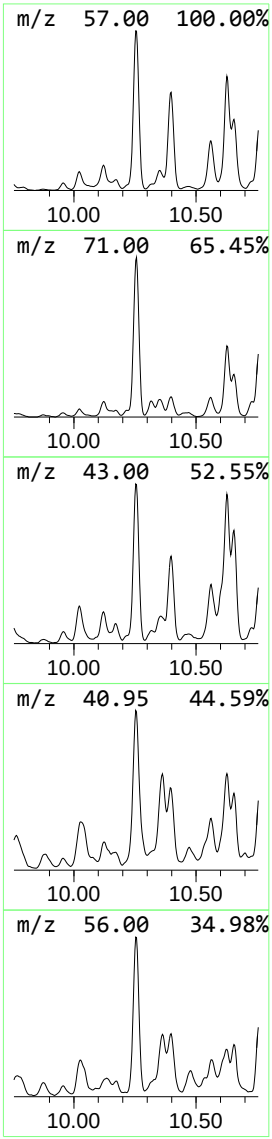
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.256	47.10 ug/L	813021	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	94
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

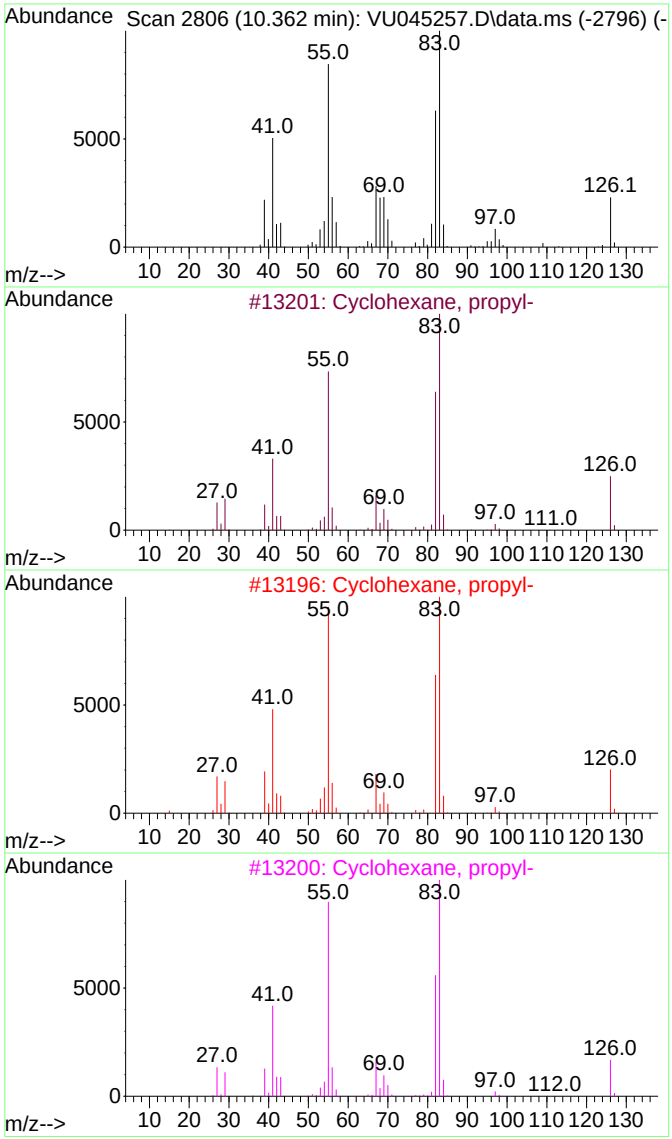
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

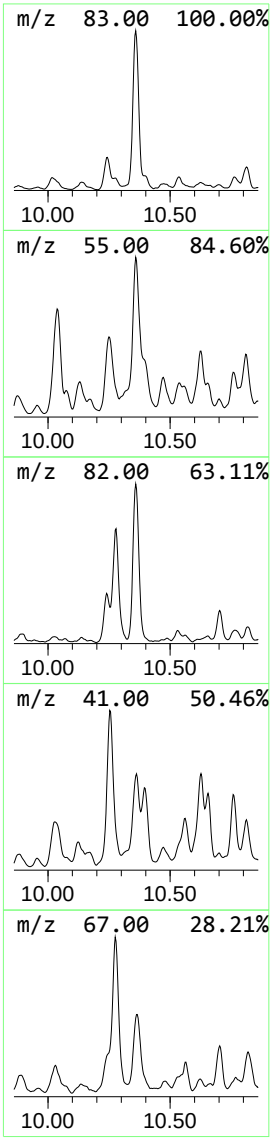
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Cyclic10.362 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.362	20.66 ug/L	356567	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	74
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW914MEDL

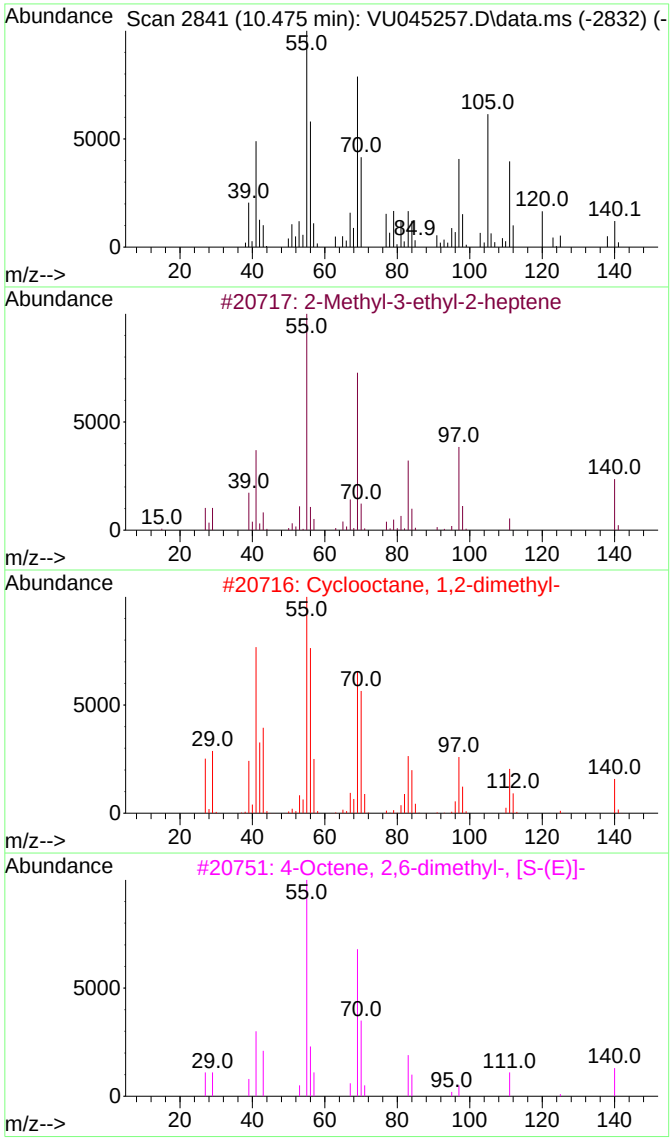
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

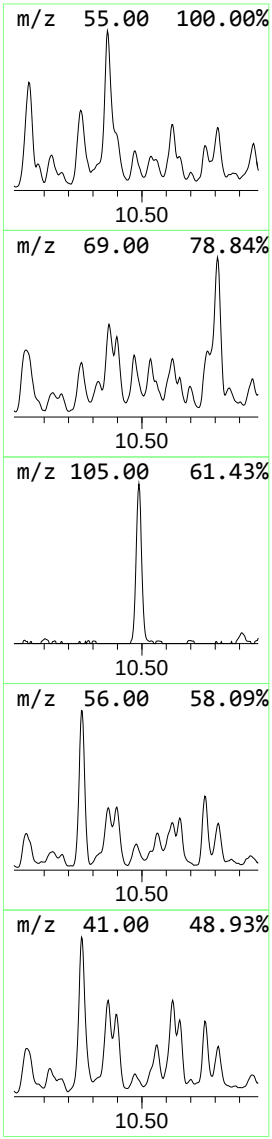
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.475	6.00 ug/L	103656	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-3-ethyl-2-heptene	140	C10H20	019780-61-1	53
2	Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	50
3	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	49
4	3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	46
5	3-Octene, 4-ethyl-	140	C10H20	053966-51-1	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

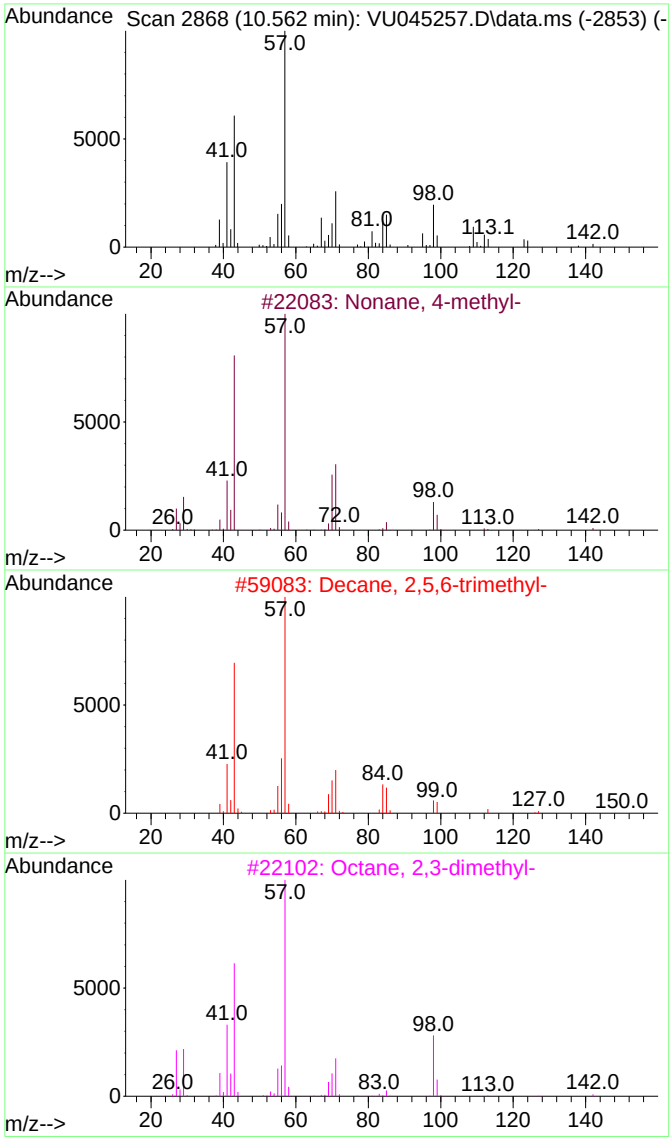
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

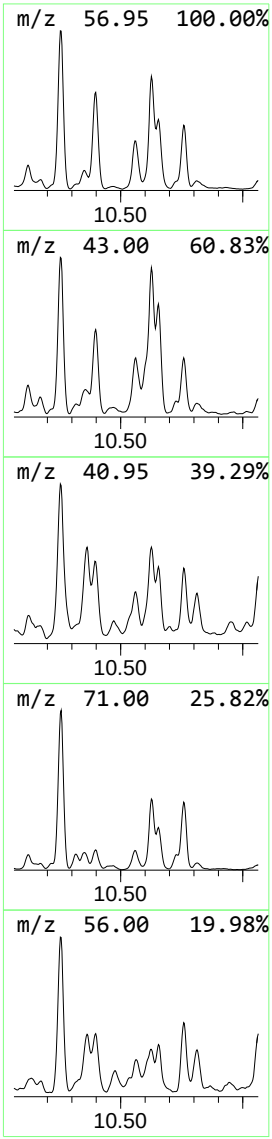
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.562	13.18 ug/L	227518	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	38
2	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	38
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	38
4	1-Azacyclononan-2-one	141	C8H15NO	000935-30-8	38
5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW914MEDL

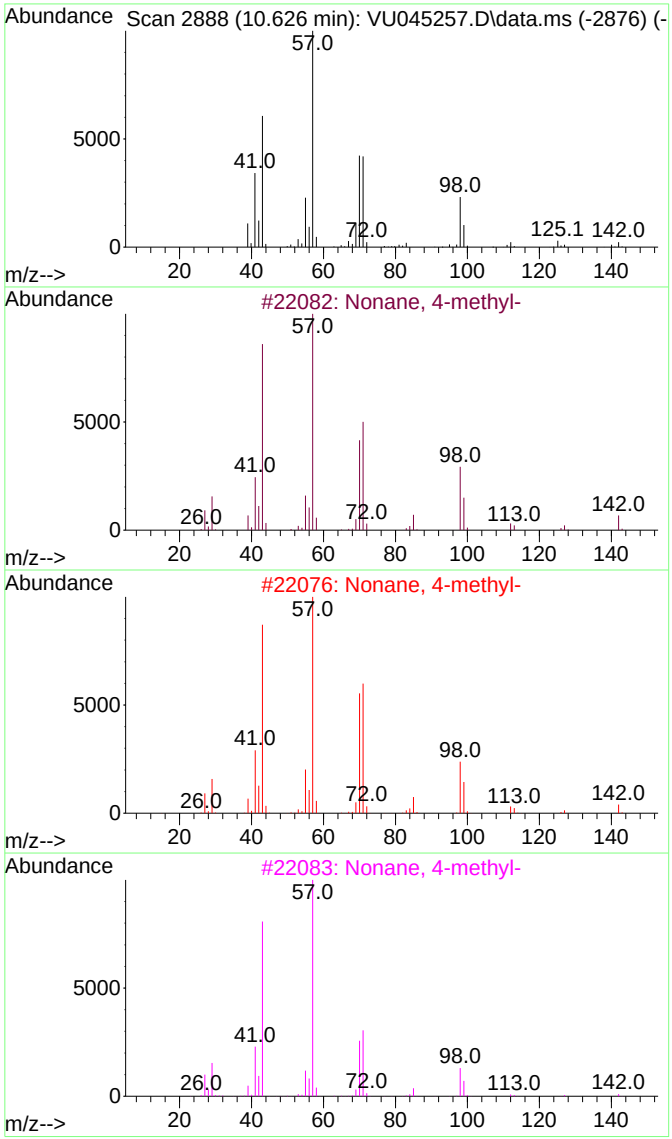
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

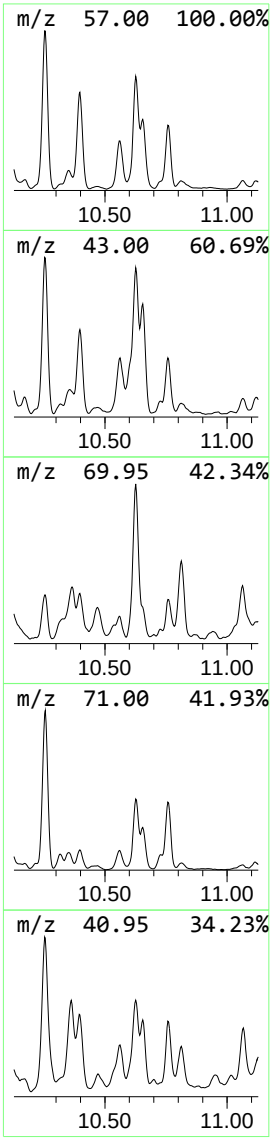
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.626	17.89 ug/L	359617	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	78
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	72
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	59
4	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	59
5	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

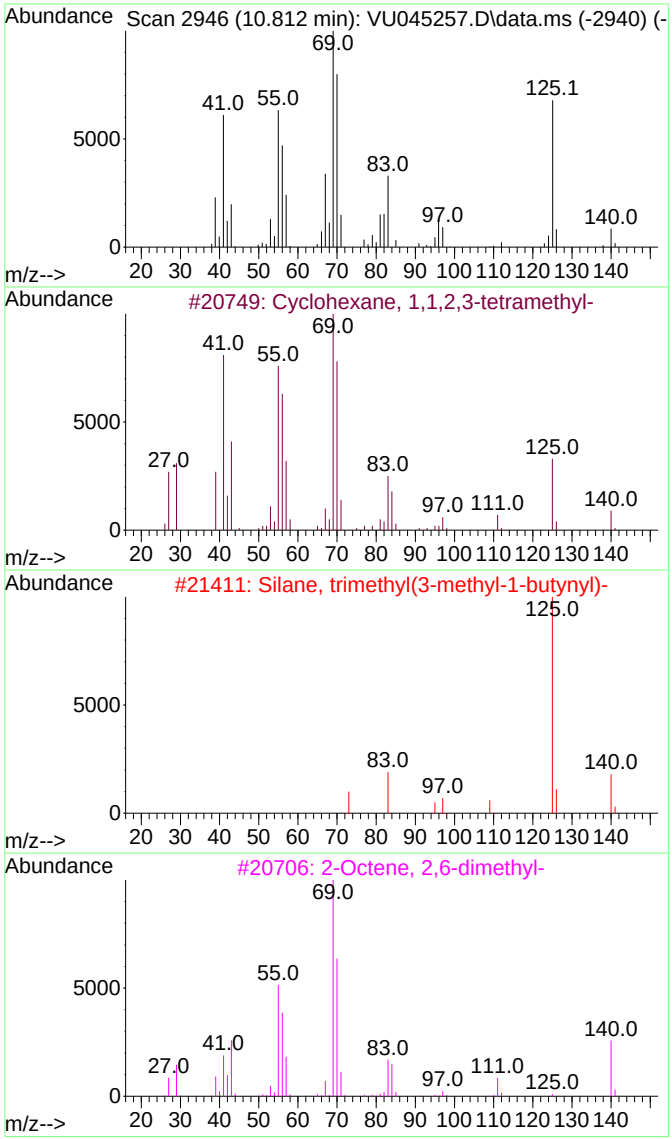
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

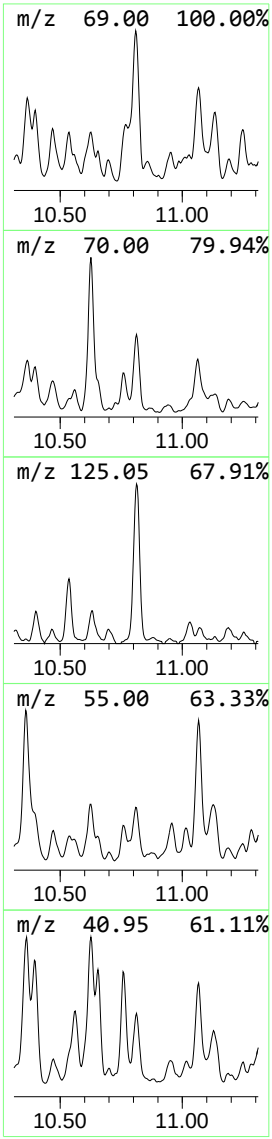
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Cyclic10.812 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.812	9.96 ug/L	200215	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	74
2	Silane, trimethyl(3-methyl-1-but...	140	C8H16Si	018388-07-3	64
3	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	62
4	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
5	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

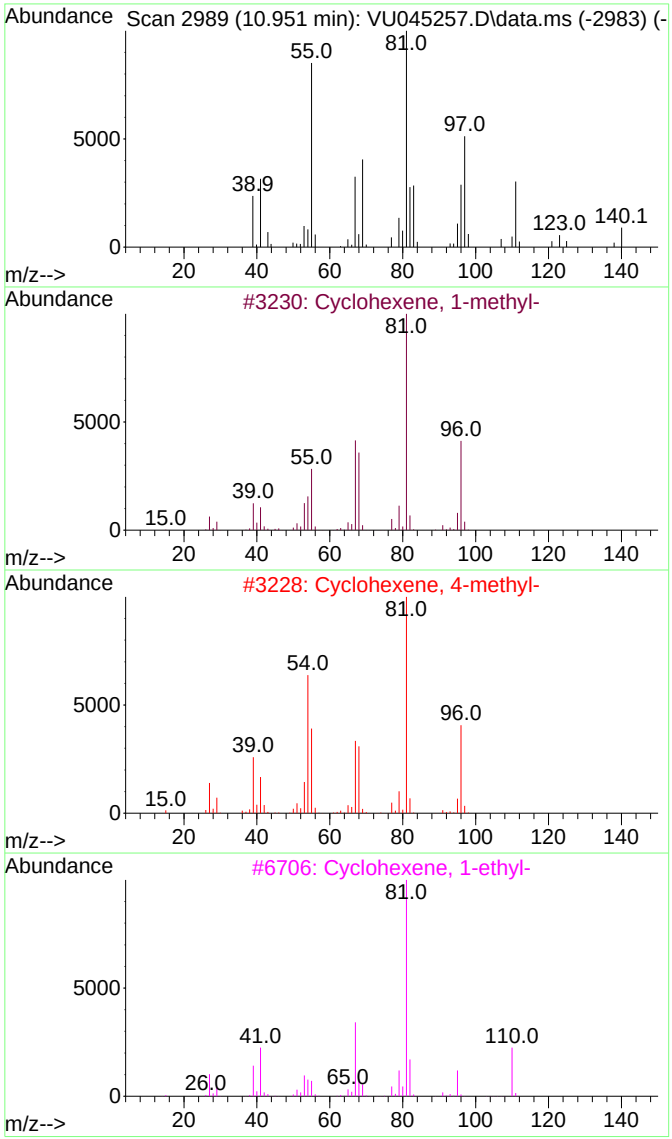
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

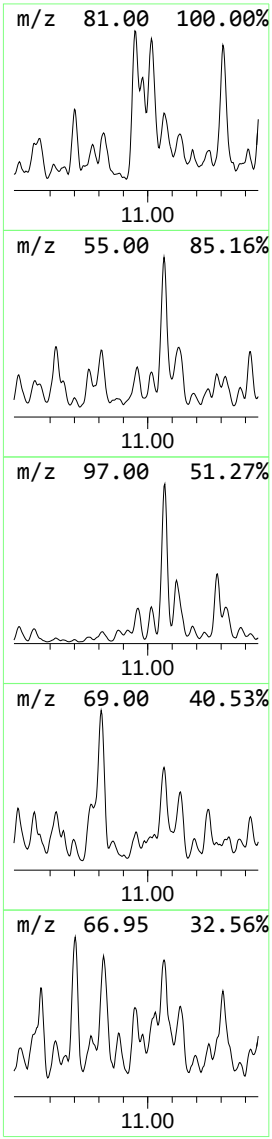
****

Peak Number 47 unknown-01 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.951	2.67 ug/L	53768	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	46
2	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	43
3	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	38
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	38
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

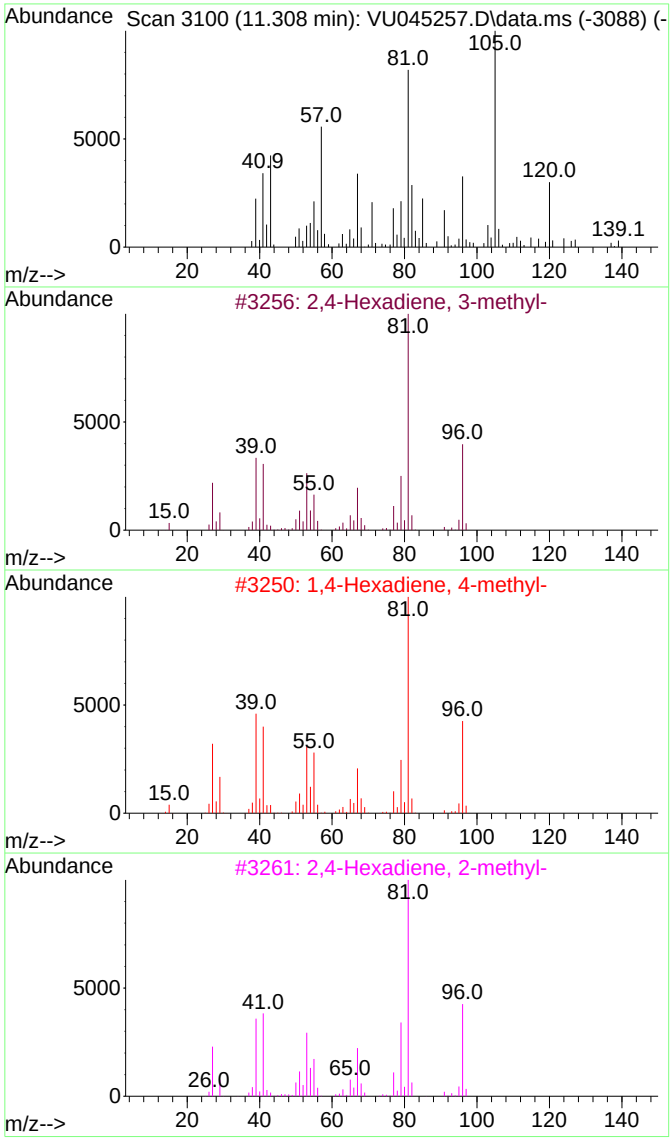
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

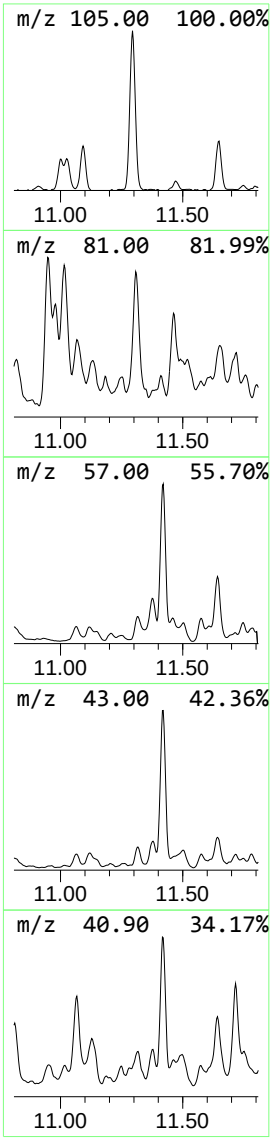
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 2,4-Hexadiene, 3-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.308	11.51 ug/L	231318	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	50
2	1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	45
3	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	45
4	1,4-Hexadiene, 2-methyl-	96	C7H12	001119-14-8	45
5	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

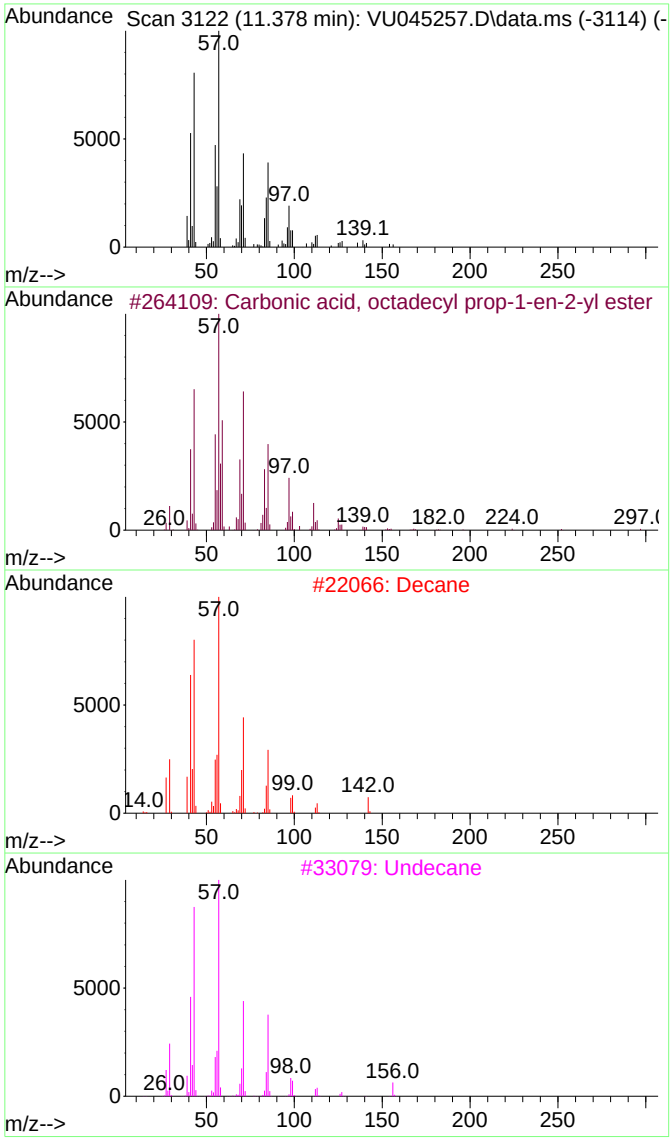
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

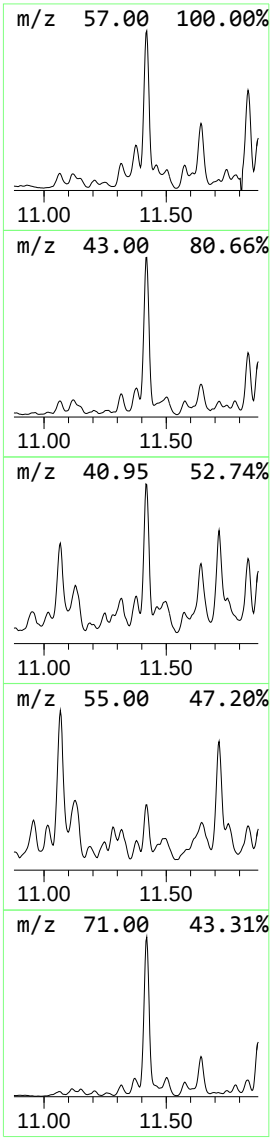
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 Carbonic acid, octadecyl pr... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	3.97 ug/L	79847	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	59
2	Decane	142	C10H22	000124-18-5	59
3	Undecane	156	C11H24	001120-21-4	53
4	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	50
5	Nonadecane	268	C19H40	000629-92-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

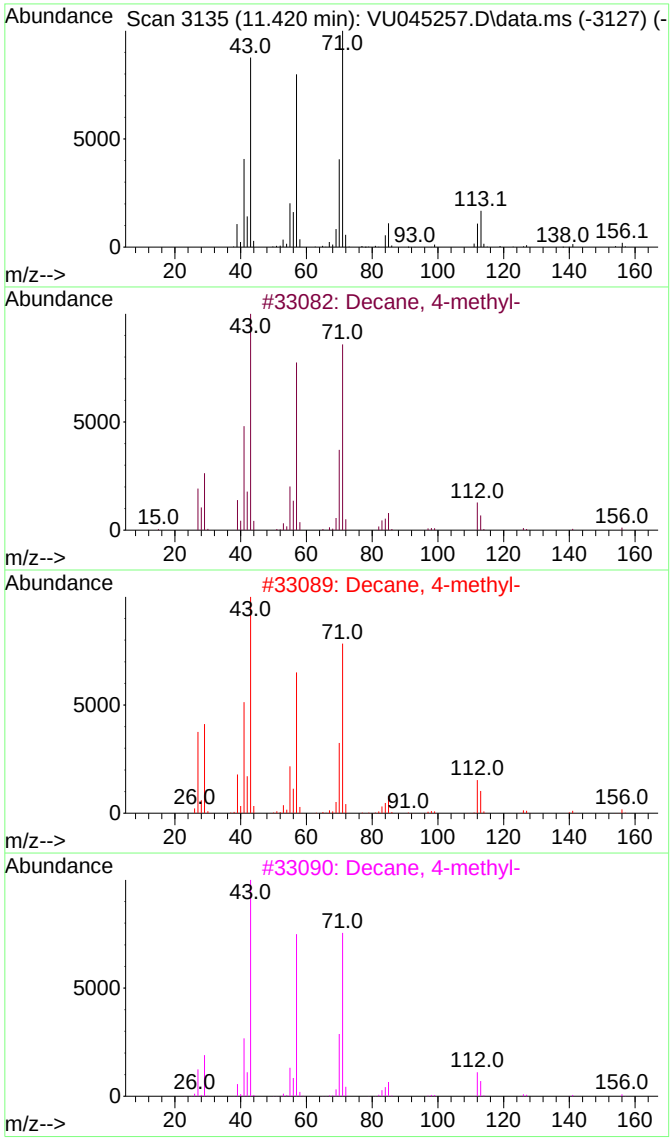
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

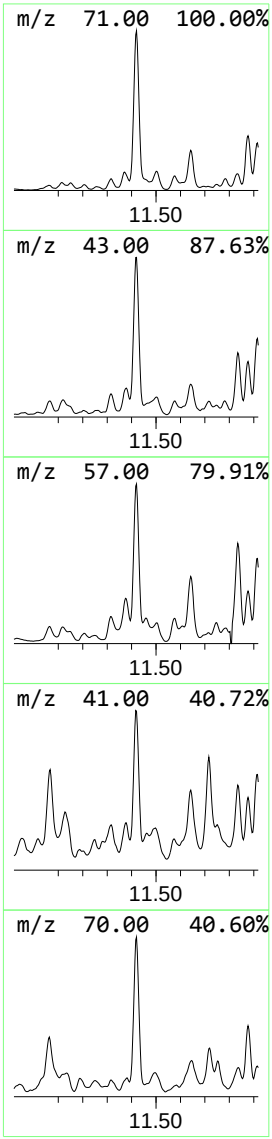
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.420	16.61 ug/L	333861	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	94
2	Decane, 4-methyl-	156	C11H24	002847-72-5	90
3	Decane, 4-methyl-	156	C11H24	002847-72-5	87
4	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

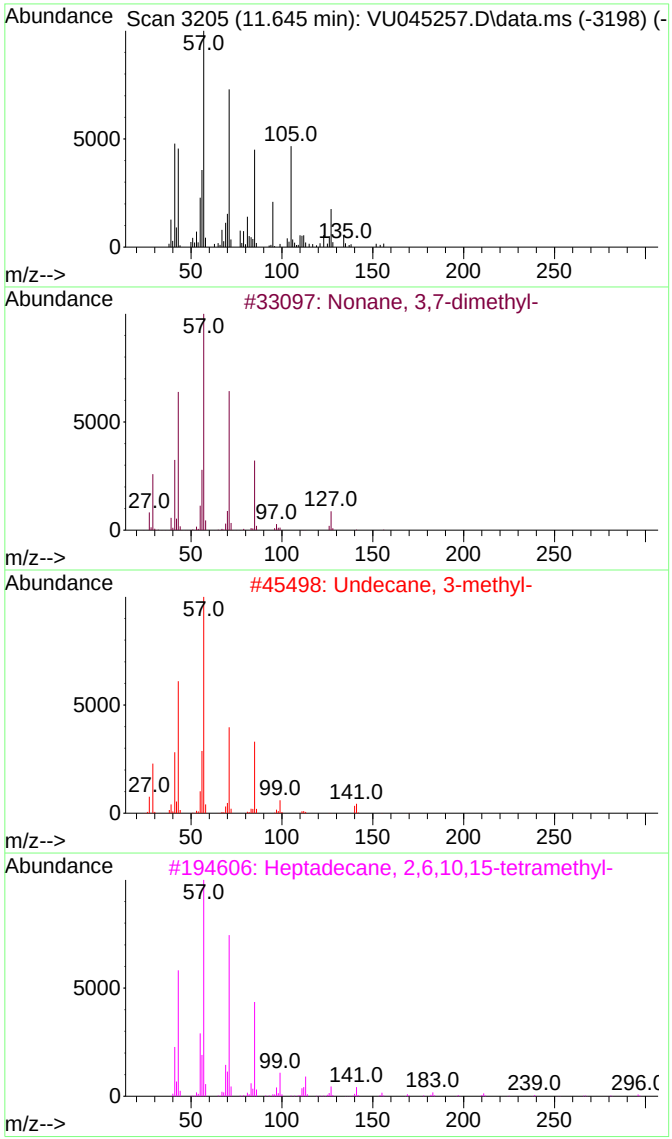
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

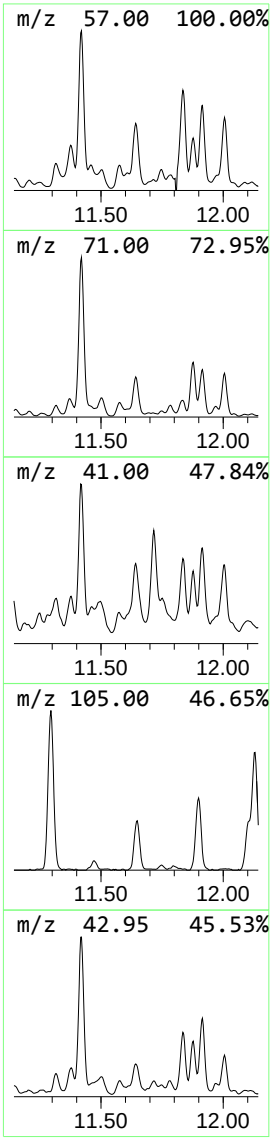
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.645	9.89 ug/L	198915	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
2	Undecane, 3-methyl-	170	C12H26	001002-43-3	53
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	50
4	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	47
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW914MEDL

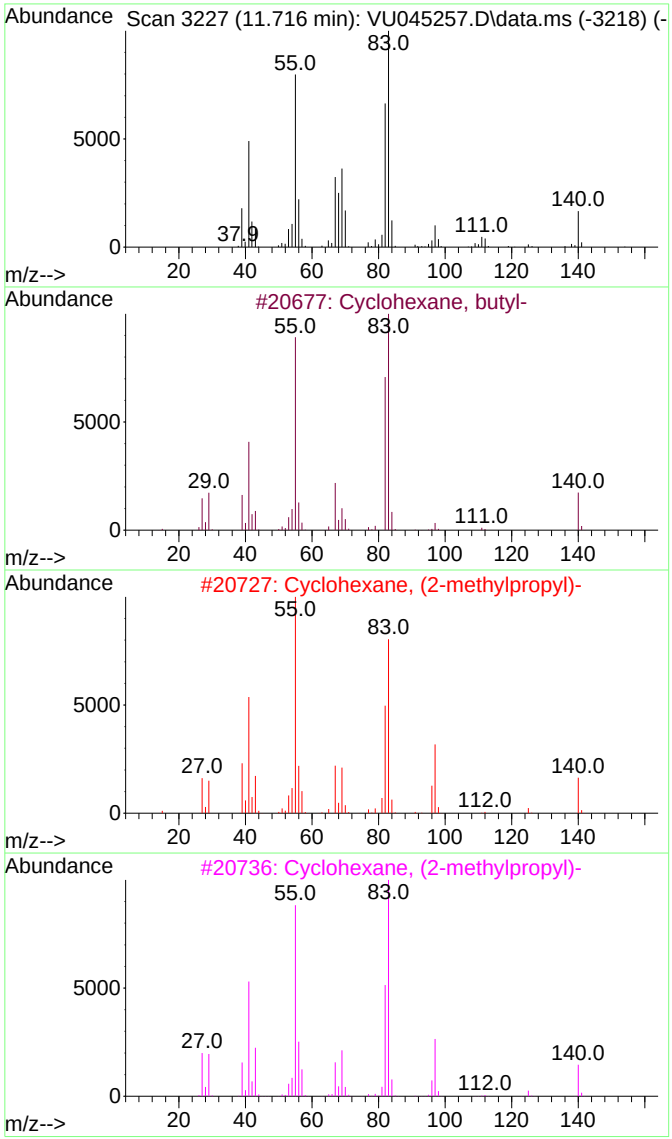
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

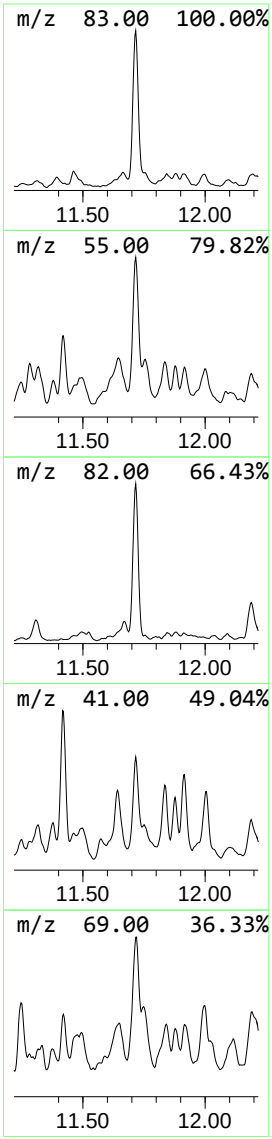
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 (DEL) Alkane: Cyclic11.716 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.716	13.78 ug/L	276977	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	80
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	74
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW914MEDL

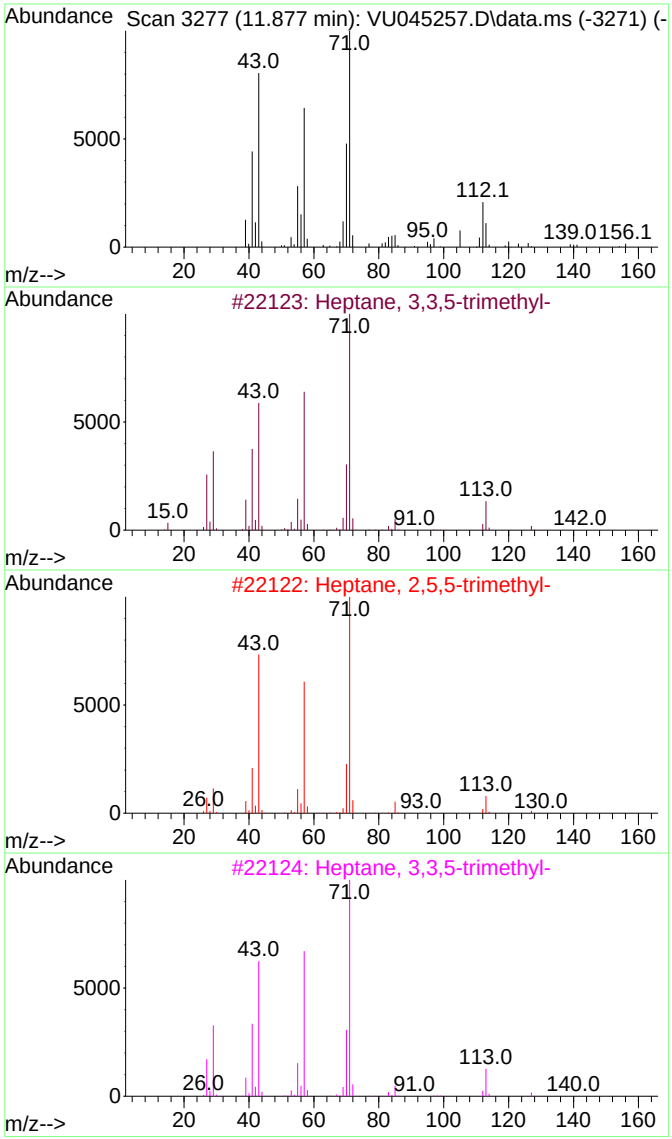
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

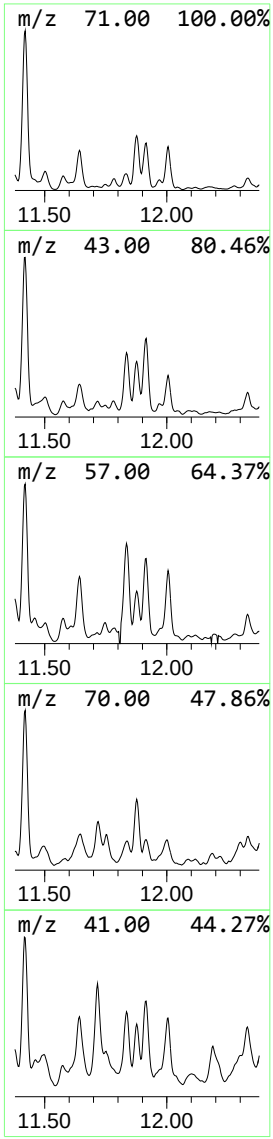
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.877	6.06 ug/L	121881	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50
2	Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	50
3	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50
5	1-Decene, 4-methyl-	154	C11H22	013151-29-6	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

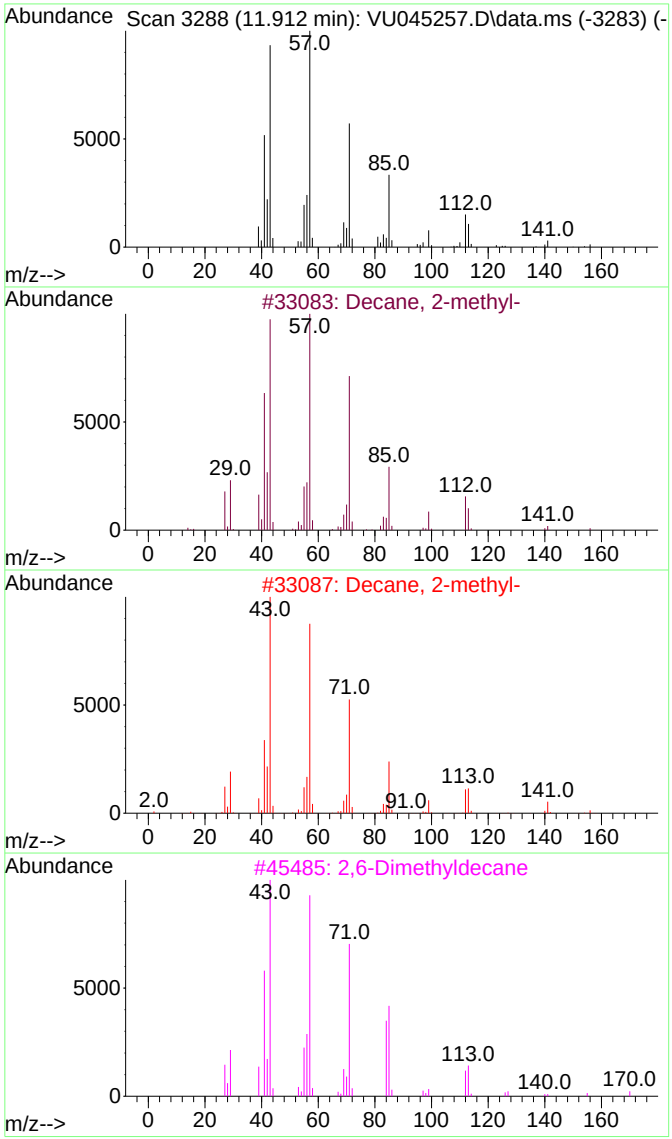
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

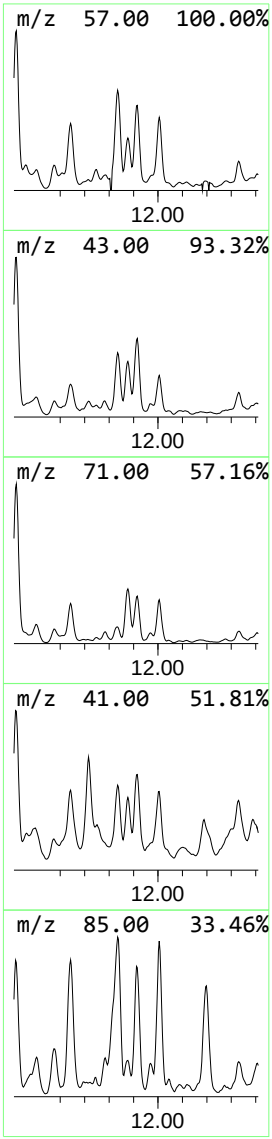
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.912	9.12 ug/L	183344	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	95
2	Decane, 2-methyl-	156	C11H24	006975-98-0	90
3	2,6-Dimethyldecane	170	C12H26	013150-81-7	80
4	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	72
5	Octane, 2-methyl-	128	C9H20	003221-61-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

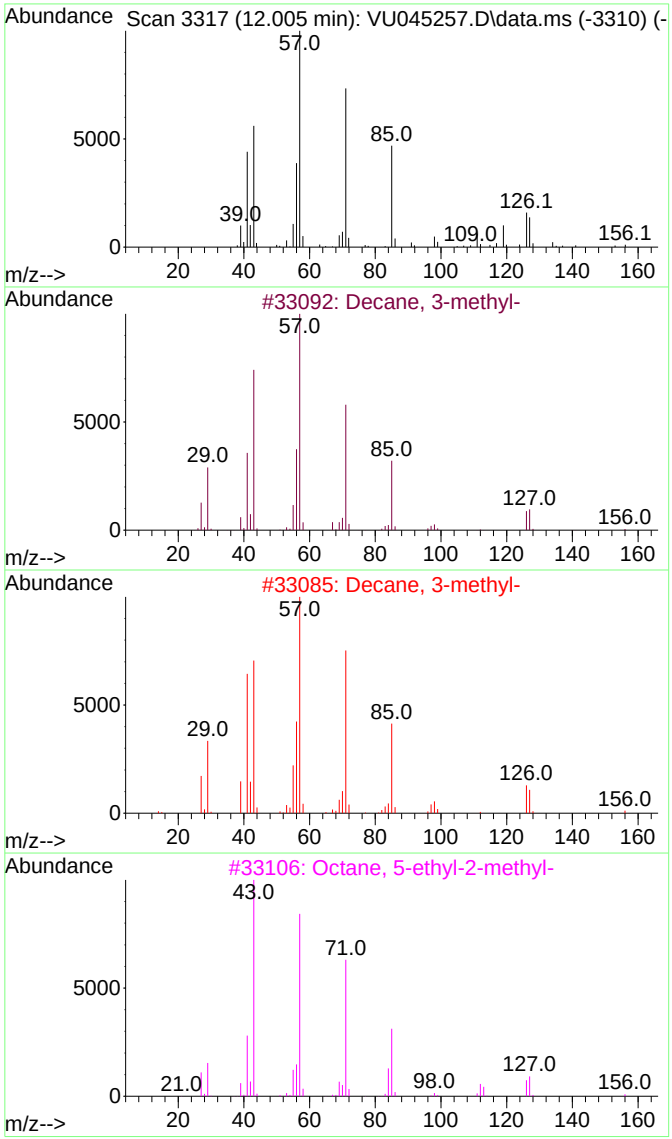
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

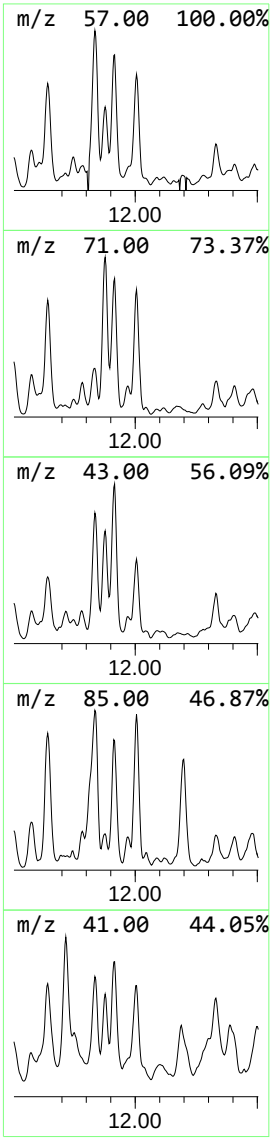
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.005	11.11 ug/L	223361	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	90
2	Decane, 3-methyl-	156	C11H24	013151-34-3	87
3	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	64
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	53
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW914MEDL

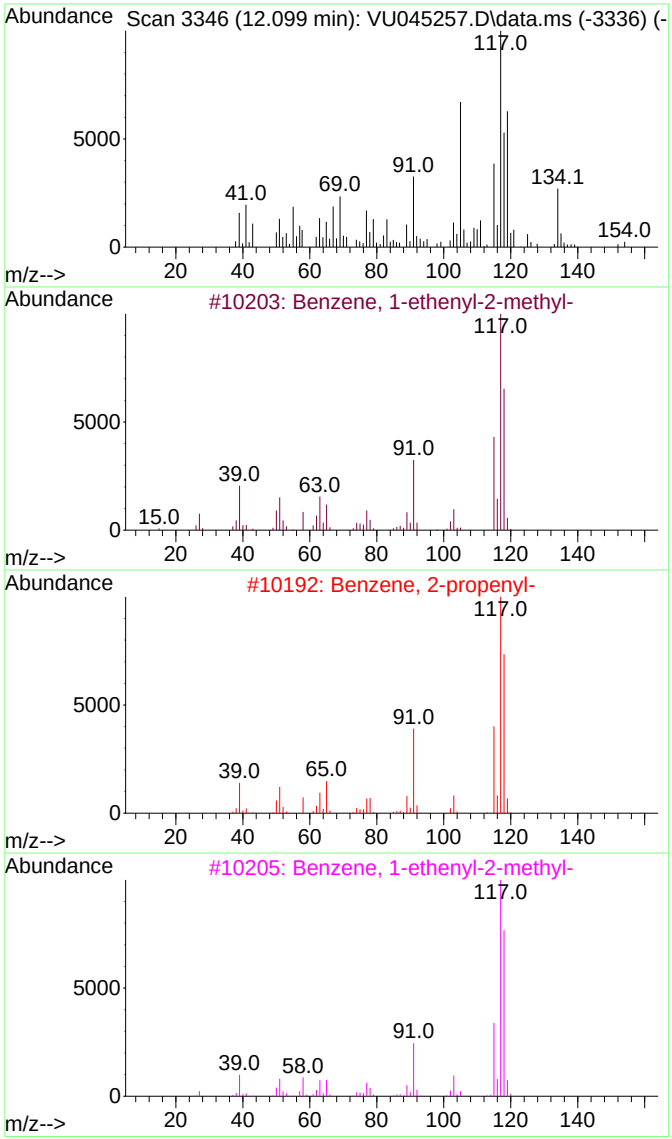
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

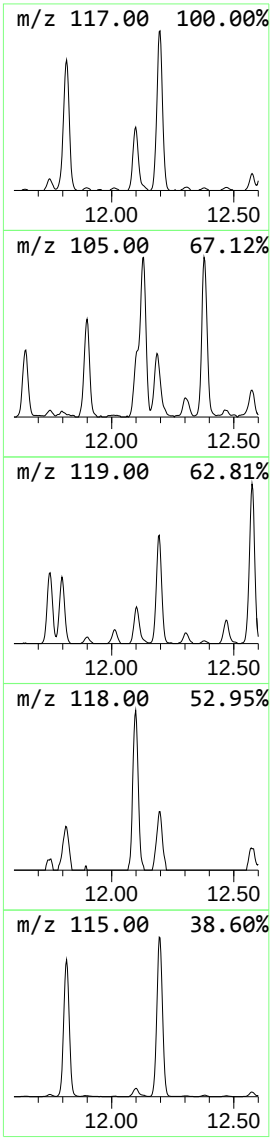
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 Benzene, 1-ethenyl-2-methyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.099	6.55 ug/L	131674	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	91
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	90
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	83
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

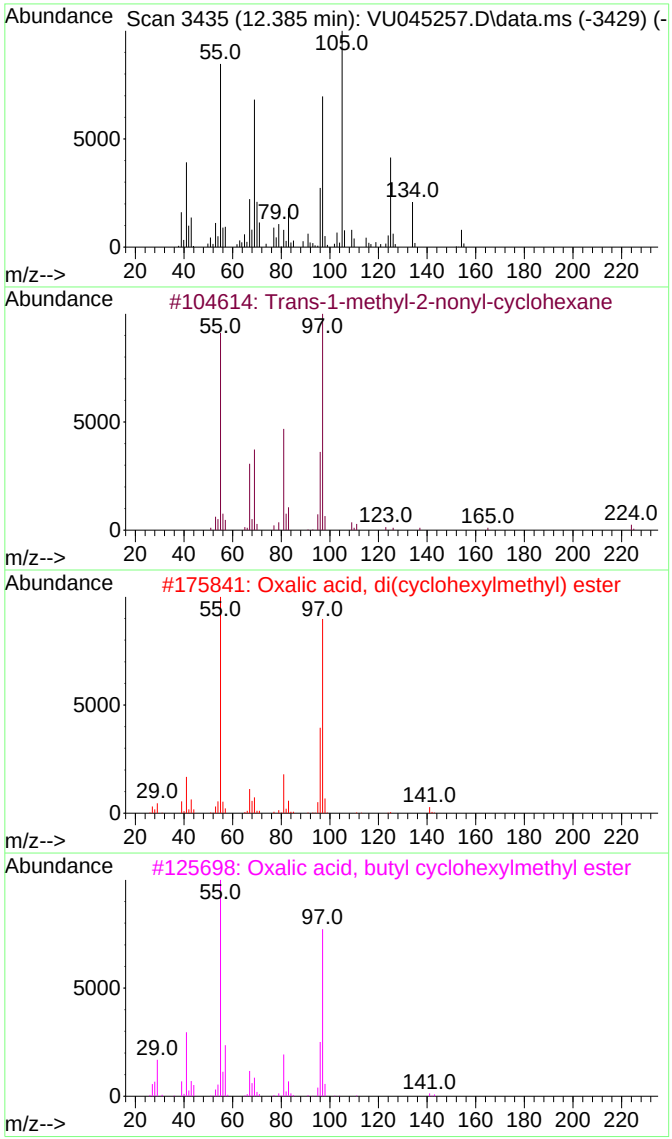
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

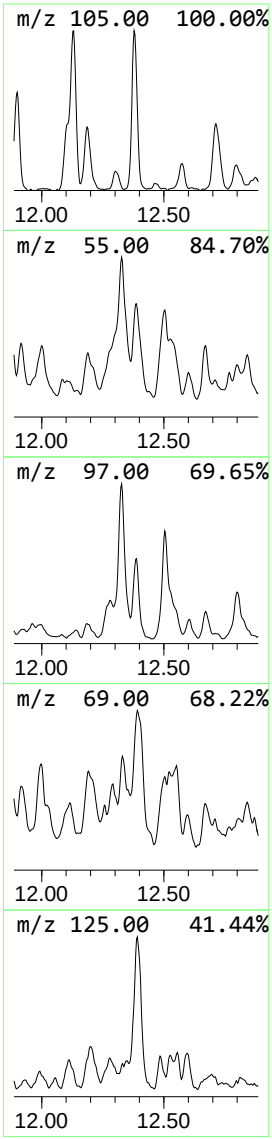
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 (DEL) Alkane: Cyclic12.385 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.385	10.30 ug/L	207078	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trans-1-methyl-2-nonyl-cyclohexane	224	C16H32	1000371-47-8	35
2	Oxalic acid, di(cyclohexylmethyl...	282	C16H26O4	1000309-68-5	35
3	Oxalic acid, butyl cyclohexylmet...	242	C13H22O4	1000309-68-2	35
4	Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1010309-68-1	27
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

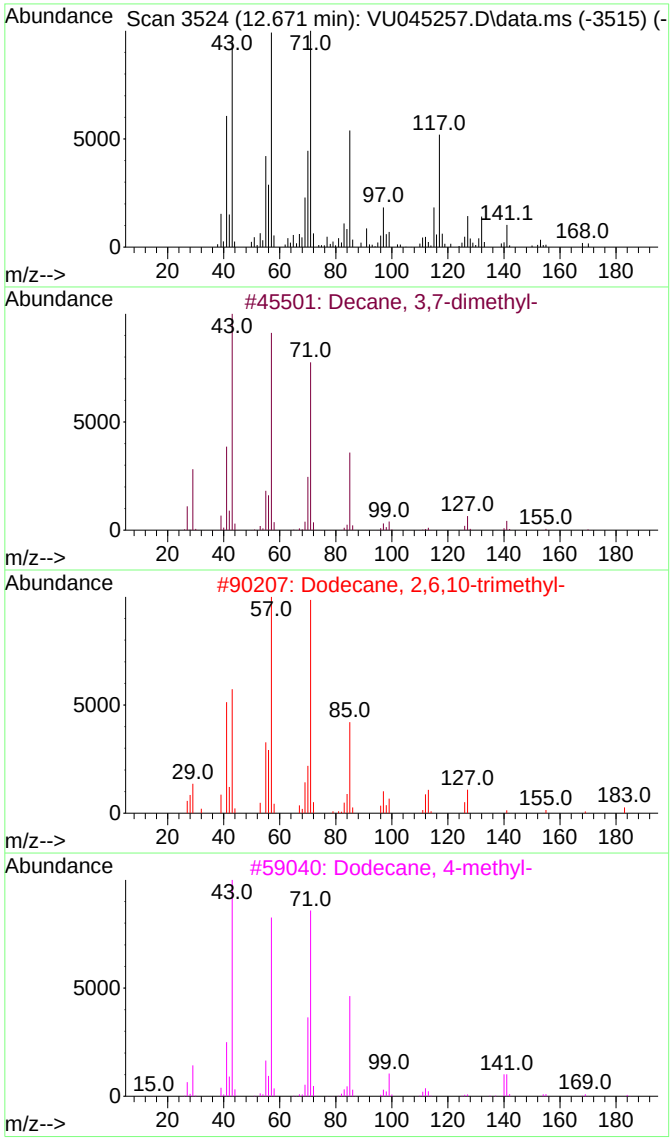
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

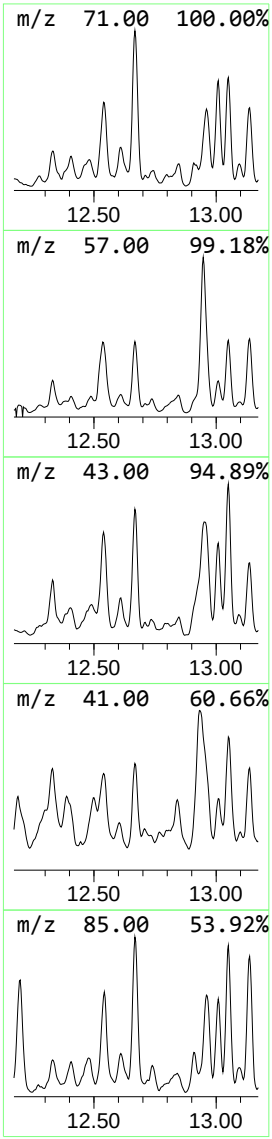
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.671	12.83 ug/L	257948	1,4-Dichlorobenzene-d4	11.816

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	58
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	53
4	Undecane, 4-methyl-	170	C12H26	002980-69-0	52
5	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

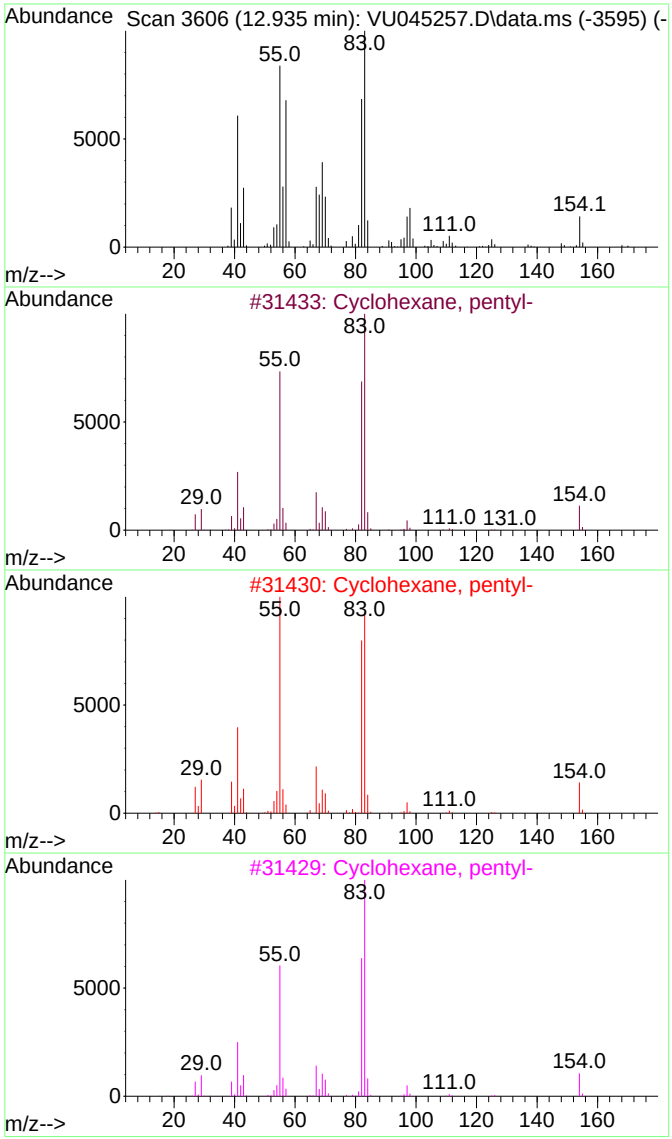
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

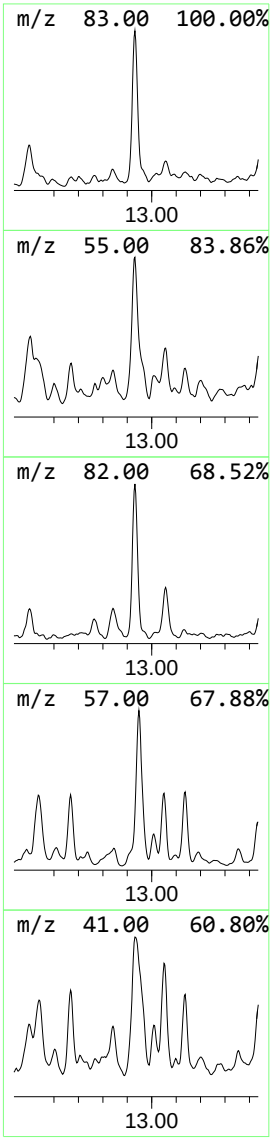
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 (DEL) Alkane: Cyclic12.935 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.935	23.99 ug/L	482276	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	50
5	Cyclohexane, methyl-	98	C7H14	000108-87-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

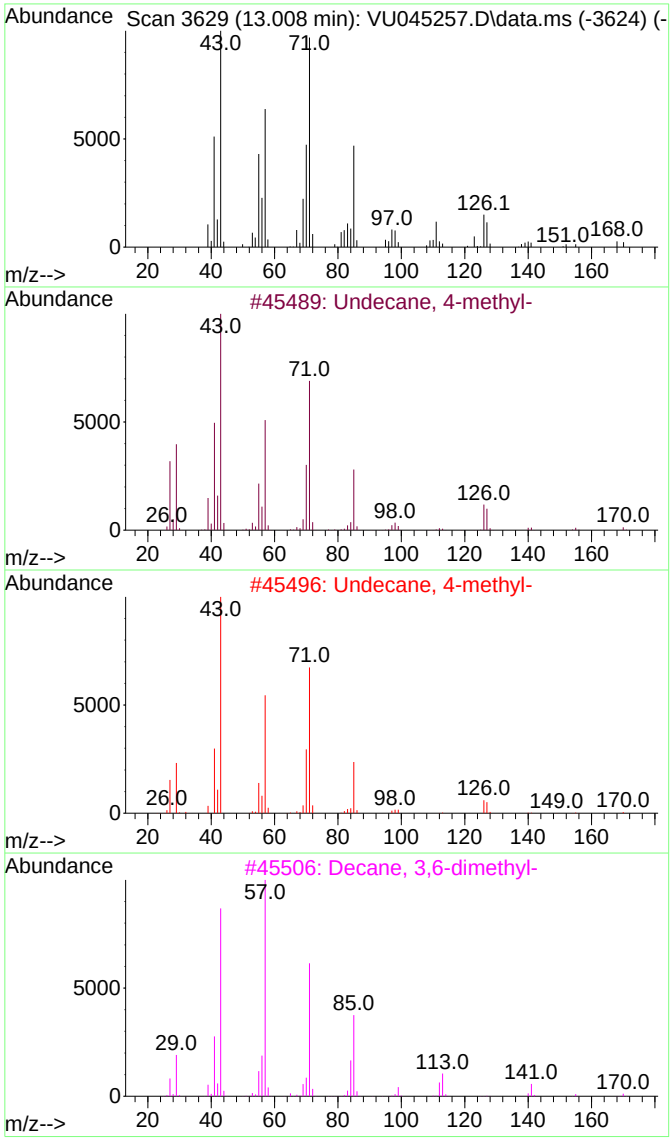
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

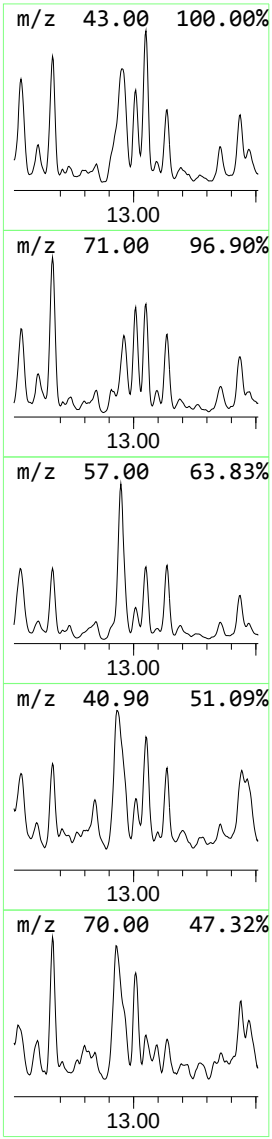
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.009	4.02 ug/L	80918	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-methyl-	170	C12H26	002980-69-0	87
2	Undecane, 4-methyl-	170	C12H26	002980-69-0	81
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	52
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	50
5	Ethanone, 1-(3-ethylcyclobutyl)-	126	C8H14O	056335-71-8	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

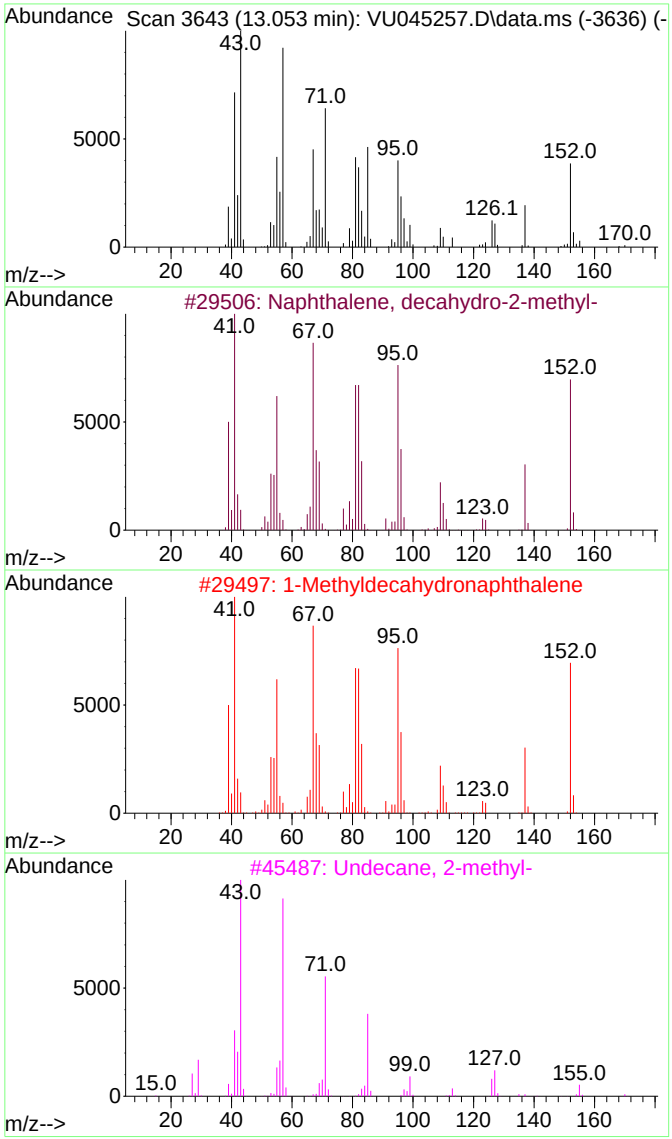
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

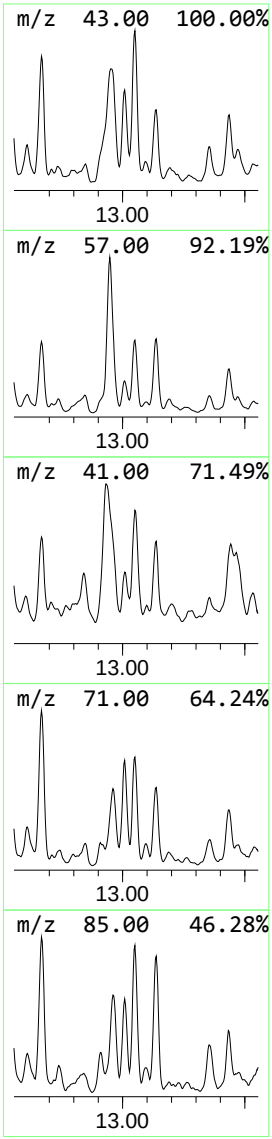
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 Naphthalene, decahydro-2-me... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.054	10.82 ug/L	217550	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	89
2	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	89
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	42
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	42
5	Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

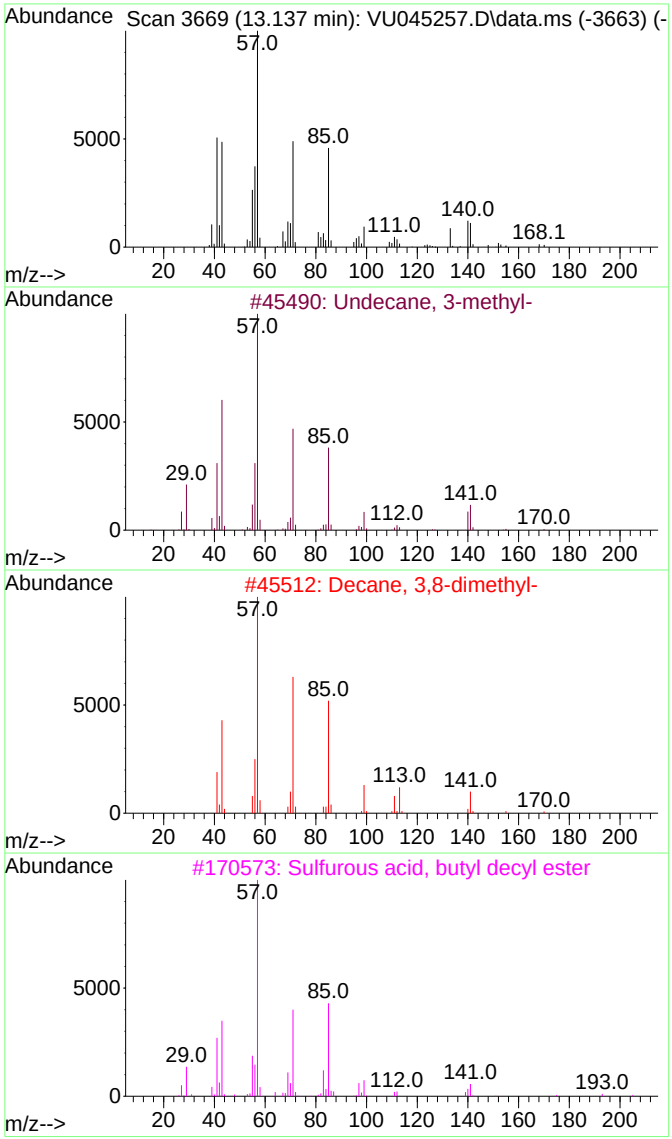
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

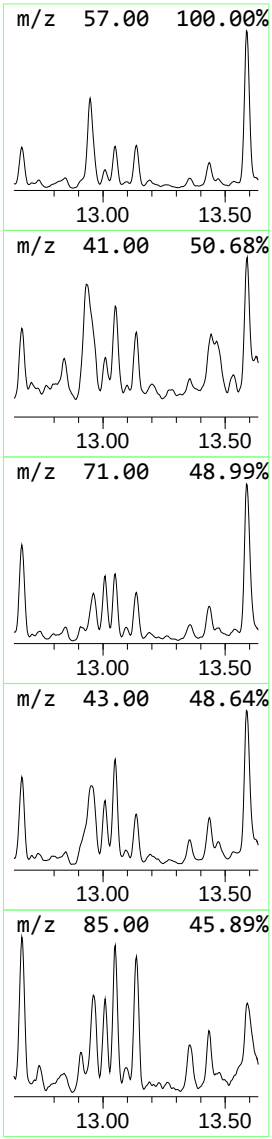
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.137	5.74 ug/L	115382	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	94
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	76
3	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	72
4	Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1010309-34-1	59
5	Oxalic acid, butyl 6-ethyloct-3-...	286	C16H30O4	1000309-34-2	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW914MEDL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

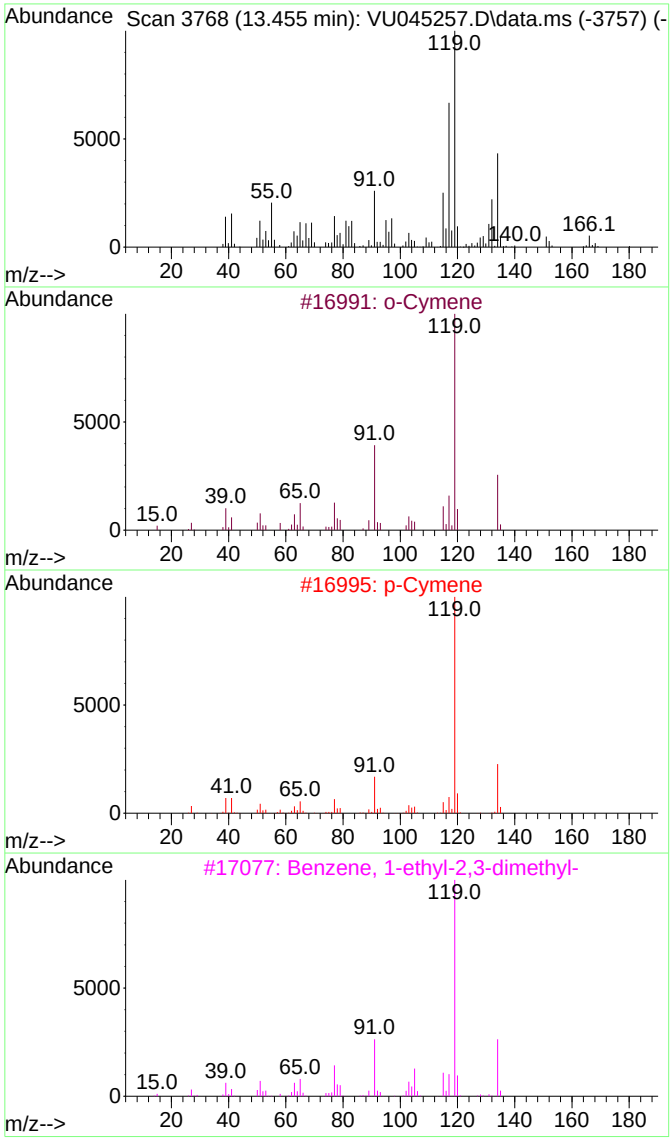
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

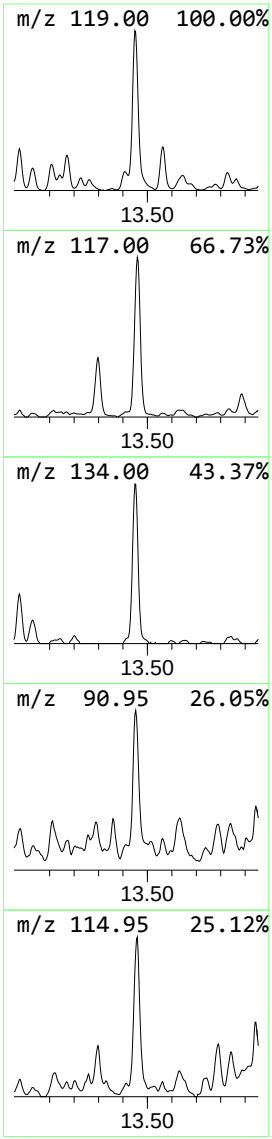
****

Peak Number 63 o-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.455	24.60 ug/L	494662	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	60
2	p-Cymene	134	C10H14	000099-87-6	55
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	55
4	o-Cymene	134	C10H14	000527-84-4	55
5	o-Cymene	134	C10H14	000527-84-4	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

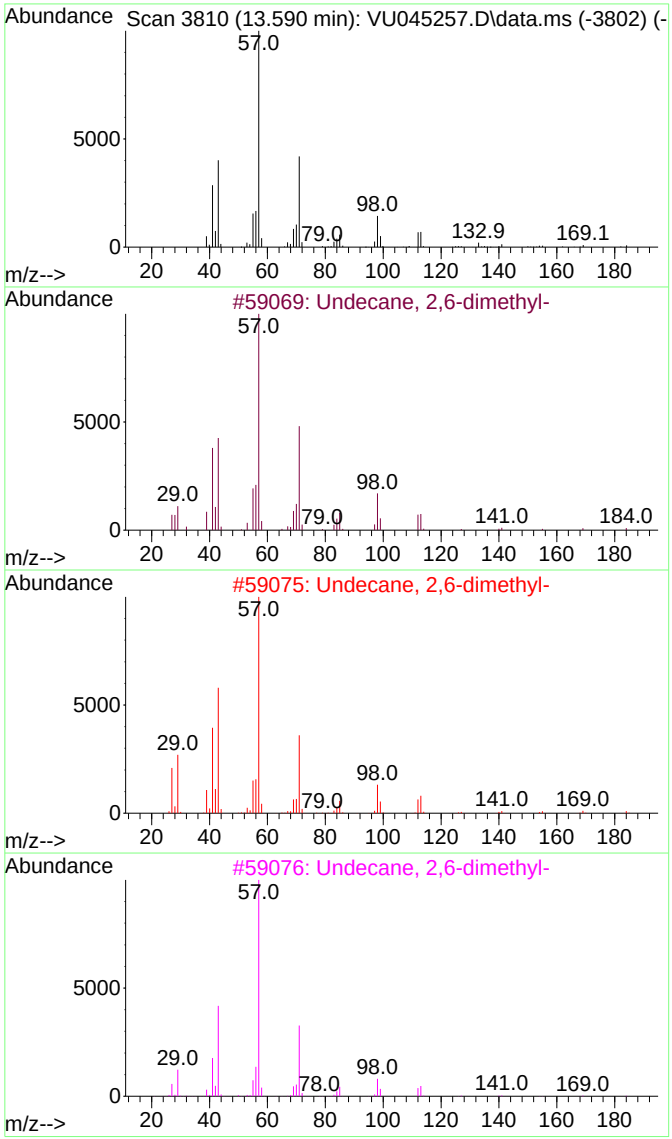
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

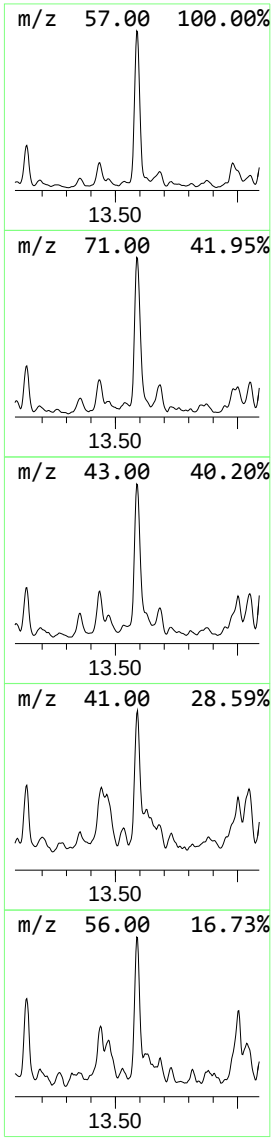
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.590	14.08 ug/L	283045	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	96
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	91
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90
5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

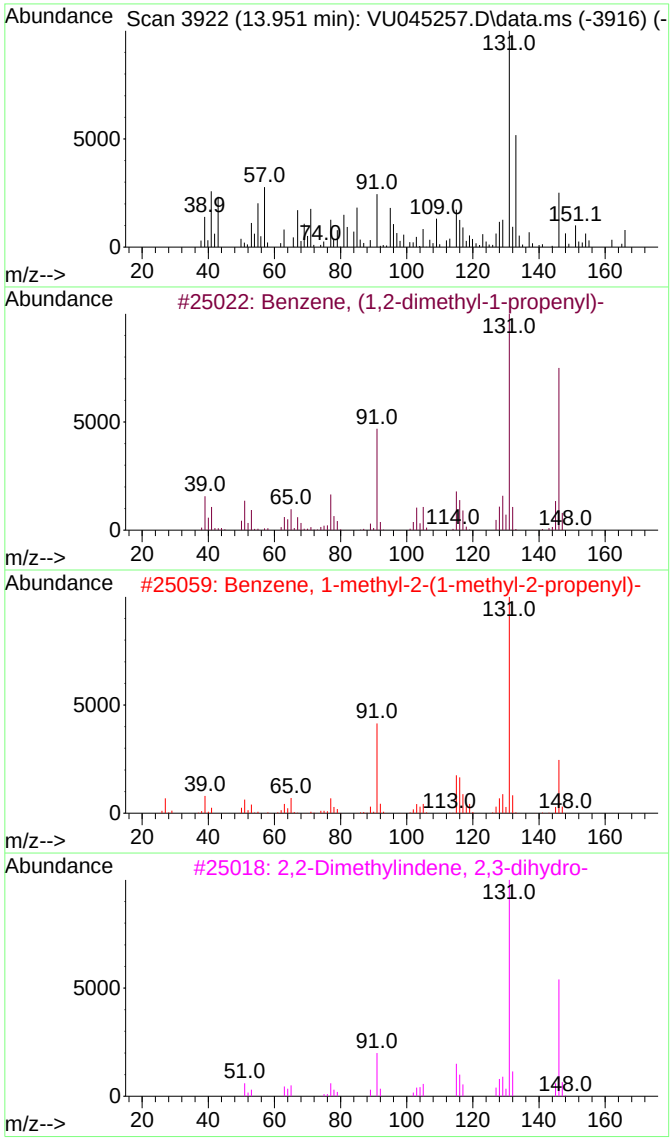
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

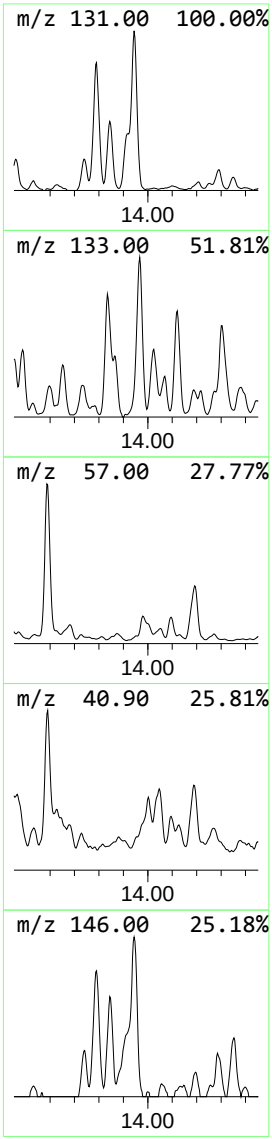
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 65 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.951	2.75 ug/L	55244	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
2	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	70
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

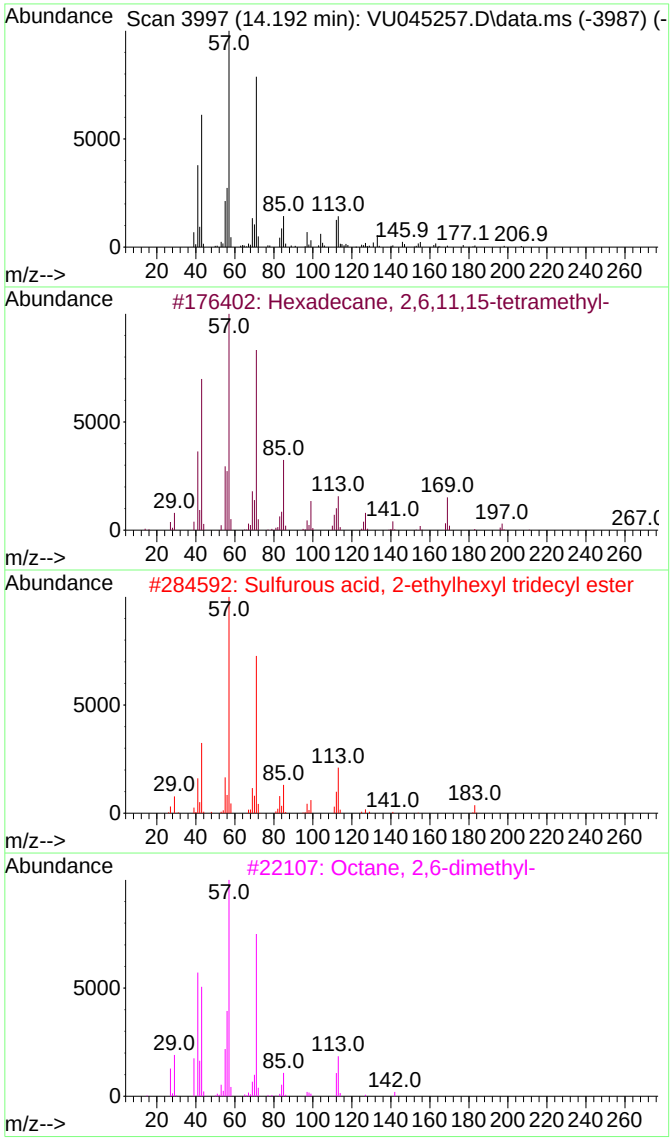
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

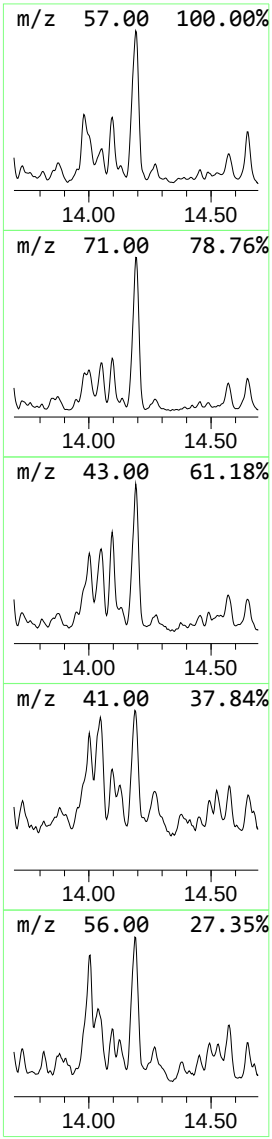
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.192	9.20 ug/L	185000	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	80
2	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	72
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

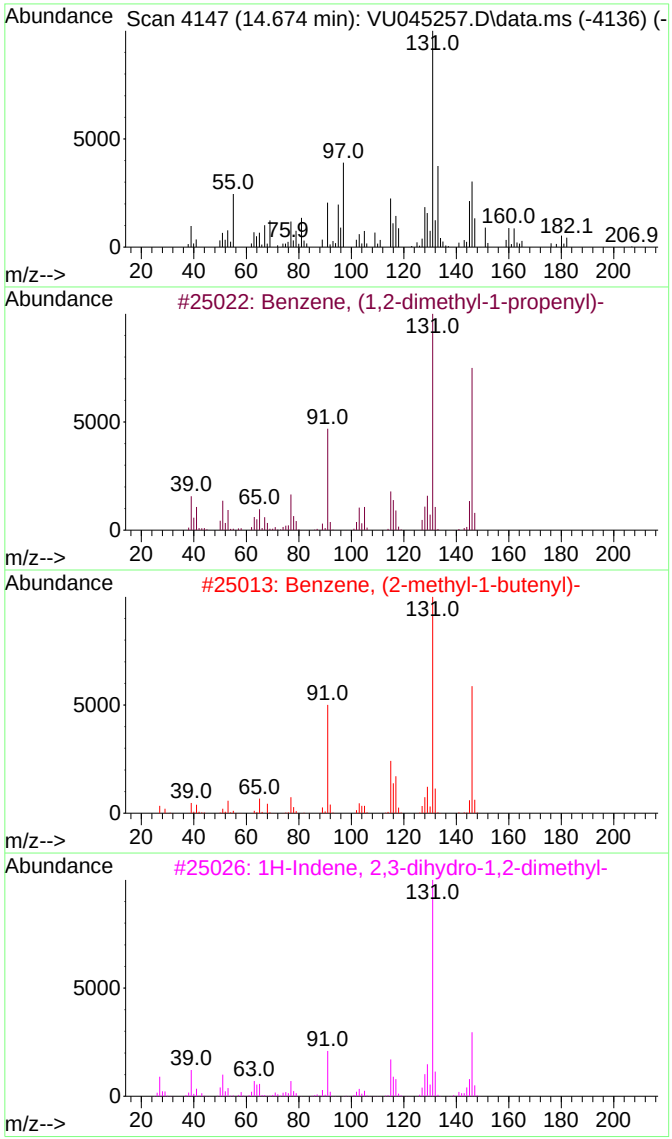
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

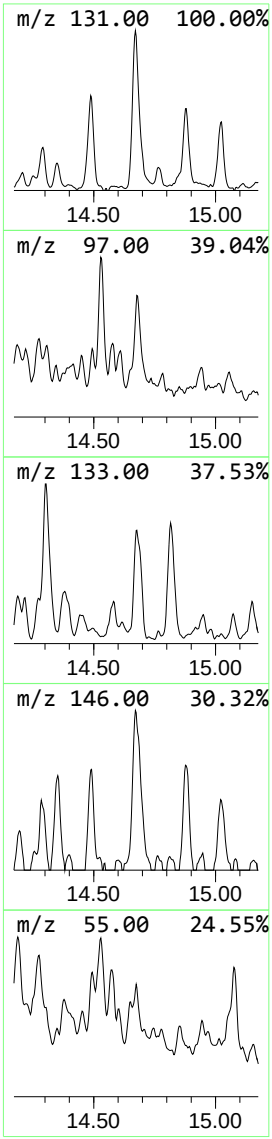
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.674	6.15 ug/L	123627	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	86
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	86
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	55
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	50
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW914MEDL

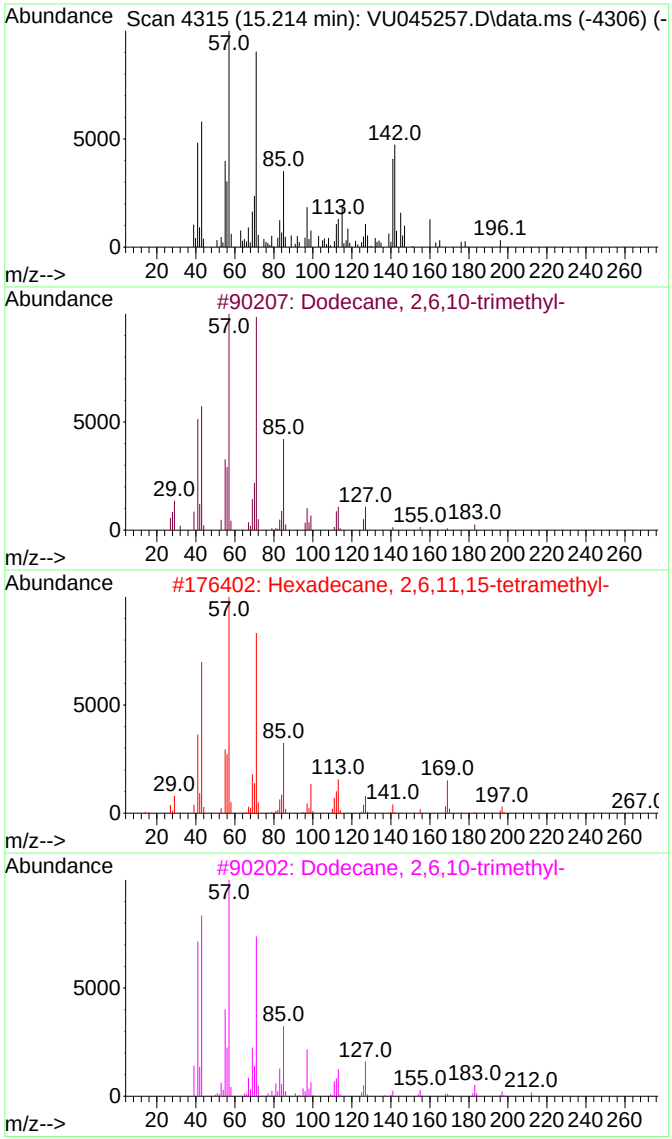
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

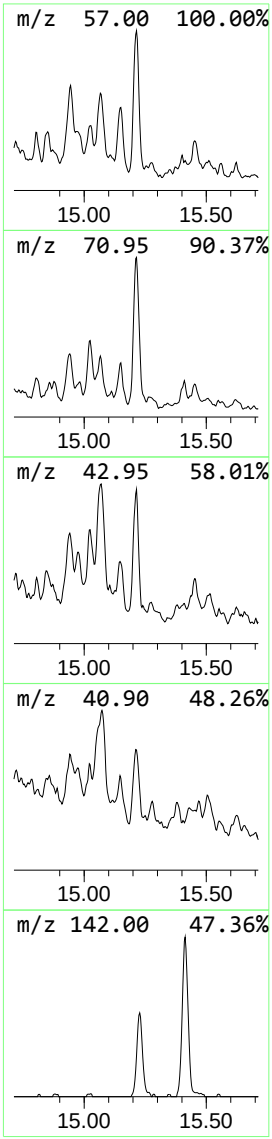
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.214	3.76 ug/L	75635	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	49
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	46
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	43
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	38
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EW914MEDL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.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
Sulfur dioxide	1.466	4.7	ug/L	69830	1	6.253	746655	50.0
(DEL) Alkane: S...	3.694	6.6	ug/L	98883	1	6.253	746655	50.0
(DEL) Alkane: C...	4.530	6.1	ug/L	90882	1	6.253	746655	50.0
(DEL) Alkane: S...	5.459	4.5	ug/L	67709	1	6.253	746655	50.0
(DEL) Alkane: S...	5.591	14.3	ug/L	214101	1	6.253	746655	50.0
(DEL) Alkane: C...	5.851	8.9	ug/L	132975	1	6.253	746655	50.0
(DEL) Alkane: C...	5.922	7.0	ug/L	105114	1	6.253	746655	50.0
(DEL) Alkane: C...	5.989	14.9	ug/L	222272	1	6.253	746655	50.0
(DEL) Alkane: S...	6.134	28.5	ug/L	425232	1	6.253	746655	50.0
(DEL) Alkane: S...	6.867	3.0	ug/L	45386	1	6.253	746655	50.0
(DEL) Alkane: C...	6.983	9.0	ug/L	134797	1	6.253	746655	50.0
(DEL) Alkane: C...	7.076	10.7	ug/L	159344	1	6.253	746655	50.0
(DEL) Alkane: C...	7.237	13.8	ug/L	205441	1	6.253	746655	50.0
Cyclobutane, (1...	7.401	6.3	ug/L	93438	1	6.253	746655	50.0
(DEL) Alkane: S...	7.501	31.5	ug/L	470206	1	6.253	746655	50.0
(DEL) Alkane: S...	7.661	19.1	ug/L	285969	1	6.253	746655	50.0
1,4-Hexadiene, ...	7.761	7.9	ug/L	117746	1	6.253	746655	50.0
(DEL) Alkane: C...	8.025	7.6	ug/L	131424	2	9.420	863082	50.0
(DEL) Alkane: C...	8.099	3.9	ug/L	68041	2	9.420	863082	50.0
(DEL) Alkane: S...	8.131	5.3	ug/L	90619	2	9.420	863082	50.0
(DEL) Alkane: C...	8.243	21.3	ug/L	368380	2	9.420	863082	50.0
(DEL) Alkane: C...	8.372	7.5	ug/L	130248	2	9.420	863082	50.0
1,3-Dimethyl-1-...	8.414	6.3	ug/L	108790	2	9.420	863082	50.0
(DEL) Alkane: S...	8.539	3.9	ug/L	67295	2	9.420	863082	50.0
(DEL) Alkane: S...	8.761	5.7	ug/L	97564	2	9.420	863082	50.0
(DEL) Alkane: C...	8.806	8.8	ug/L	152274	2	9.420	863082	50.0
(DEL) Alkane: C...	8.867	17.5	ug/L	302820	2	9.420	863082	50.0
(DEL) Alkane: C...	8.928	18.2	ug/L	314532	2	9.420	863082	50.0
(DEL) Alkane: C...	9.073	12.5	ug/L	216401	2	9.420	863082	50.0
(DEL) Alkane: S...	9.124	7.0	ug/L	120182	2	9.420	863082	50.0
(DEL) Alkane: C...	9.169	12.9	ug/L	221990	2	9.420	863082	50.0
(DEL) Alkane: S...	9.218	25.6	ug/L	442377	2	9.420	863082	50.0
(DEL) Alkane: S...	9.337	31.8	ug/L	548291	2	9.420	863082	50.0
(DEL) Alkane: C...	9.665	12.8	ug/L	220147	2	9.420	863082	50.0
(DEL) Alkane: C...	9.719	12.4	ug/L	214035	2	9.420	863082	50.0
(DEL) Alkane: C...	9.764	13.9	ug/L	239805	2	9.420	863082	50.0
(DEL) Alkane: C...	9.880	7.3	ug/L	125656	2	9.420	863082	50.0
(DEL) Alkane: C...	10.031	22.7	ug/L	391872	2	9.420	863082	50.0
(DEL) Alkane: S...	10.124	6.6	ug/L	113453	2	9.420	863082	50.0
(DEL) Alkane: S...	10.256	47.1	ug/L	813021	2	9.420	863082	50.0
(DEL) Alkane: C...	10.362	20.7	ug/L	356567	2	9.420	863082	50.0
(DEL) Alkane: S...	10.475	6.0	ug/L	103656	2	9.420	863082	50.0
(DEL) Alkane: S...	10.562	13.2	ug/L	227518	2	9.420	863082	50.0
(DEL) Alkane: S...	10.626	17.9	ug/L	359617	3	11.816	1005280	50.0
(DEL) Alkane: C...	10.812	10.0	ug/L	200215	3	11.816	1005280	50.0
unknown-01	10.951	2.7	ug/L	53768	3	11.816	1005280	50.0
2,4-Hexadiene, ...	11.308	11.5	ug/L	231318	3	11.816	1005280	50.0
Carbonic acid, ...	11.378	4.0	ug/L	79847	3	11.816	1005280	50.0
(DEL) Alkane: S...	11.420	16.6	ug/L	333861	3	11.816	1005280	50.0
(DEL) Alkane: S...	11.645	9.9	ug/L	198915	3	11.816	1005280	50.0
(DEL) Alkane: C...	11.716	13.8	ug/L	276977	3	11.816	1005280	50.0
(DEL) Alkane: S...	11.877	6.1	ug/L	121881	3	11.816	1005280	50.0

(DEL) Alkane: S...	11.912	9.1	ug/L	183344	3	11.816	1005280	50.0
(DEL) Alkane: S...	12.005	11.1	ug/L	223361	3	11.816	1005280	50.0
Benzene, 1-ethe...	12.099	6.5	ug/L	131674	3	11.816	1005280	50.0
(DEL) Alkane: C...	12.385	10.3	ug/L	207078	3	11.816	1005280	50.0
(DEL) Alkane: S...	12.671	12.8	ug/L	257948	3	11.816	1005280	50.0
(DEL) Alkane: C...	12.935	24.0	ug/L	482276	3	11.816	1005280	50.0
(DEL) Alkane: S...	13.009	4.0	ug/L	80918	3	11.816	1005280	50.0
Naphthalene, de...	13.054	10.8	ug/L	217550	3	11.816	1005280	50.0
(DEL) Alkane: S...	13.137	5.7	ug/L	115382	3	11.816	1005280	50.0
o-Cymene	13.455	24.6	ug/L	494662	3	11.816	1005280	50.0
(DEL) Alkane: S...	13.590	14.1	ug/L	283045	3	11.816	1005280	50.0
Benzene, (1,2-d...	13.951	2.8	ug/L	55244	3	11.816	1005280	50.0
(DEL) Alkane: S...	14.192	9.2	ug/L	185000	3	11.816	1005280	50.0
1H-Indene, 2,3-...	14.674	6.2	ug/L	123627	3	11.816	1005280	50.0
(DEL) Alkane: S...	15.214	3.8	ug/L	75635	3	11.816	1005280	50.0

Instrument :
MSVOA_U
ClientSampleId :
EW914MEDL