LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

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\SFAMULM112921WMA.M
Title : VOC Analysis

Signal : TIC: VU046261.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.601	73	81	92	rVB	116128	123221	0.52%	0.052%
2	2.568	369	382	400	rBV	197954	319454	1.34%	0.136%
3	4.674	1019	1037	1050	rBV3	38041	114187	0.48%	0.048%
4	5.070	1144	1160	1180	rBV2	150699	369415	1.55%	0.157%
5	5.729	1344	1365	1375	rBV2	356394	929033	3.89%	0.395%
6	6.253	1514	1528	1551	rBV	253334	478233	2.00%	0.203%
7	6.697	1651	1666	1678	rBV	212551	421518	1.76%	0.179%
8	7.501	1904	1916	1923	rBV	73010	125646	0.53%	0.053%
9	7.568	1924	1937	1949	rVB	126557	258478	1.08%	0.110%
10	7.661	1956	1966	1989	rVB	83632	176586	0.74%	0.075%
11	7.858	2013	2027	2031	rBV5	71701	137301	0.57%	0.058%
12	7.899	2031	2040	2051	rVB	441385	752581	3.15%	0.320%
13	7.973	2051	2063	2076	rBV	1901153	3181912	13.32%	1.351%
14	8.131	2104	2112	2120	rBV	109295	157067	0.66%	0.067%
15	8.182	2120	2128	2138	rVB	91003	139512	0.58%	0.059%
16	8.243	2138	2147	2162	rVB	66368	127921	0.54%	0.054%
17	8.539	2229	2239	2258	rVB4	55634	117712	0.49%	0.050%
18	8.642	2259	2271	2284	rBV2	392331	780467	3.27%	0.331%
19	8.758	2298	2307	2314	rBV2	151706	300863	1.26%	0.128%
20	8.867	2333	2341	2350	rVB	163691	254316	1.06%	0.108%
21	8.928	2350	2360	2367	rBV2	221825	404079	1.69%	0.172%
22	9.060	2388	2401	2412	rBV5	113242	263554	1.10%	0.112%
23	9.124	2412	2421	2427	rVV3	188497	344467	1.44%	0.146%
24	9.169	2428	2435	2442	rVV3	310887	596144	2.50%	0.253%
25	9.218	2442	2450	2461	rVB3	666355	1138626	4.77%	0.484%
26	9.340	2477	2488	2501	rBV2	707444	1198138	5.02%	0.509%
27	9.420	2502	2513	2530	rVV2	363091	745089	3.12%	0.316%
28	9.574	2548	2561	2574	rBV	5087035	8379606	35.08%	3.559%
29	9.700	2585	2600	2610	rBV	13700693	23888176	100.00%	10.145%
30	9.890	2646	2659	2670	rBV5	105316	255270	1.07%	0.108%
31	9.957	2672	2680	2689	rBV4	73983	140635	0.59%	0.060%
32	10.025	2689	2701	2714	rBV5	833485	2142775	8.97%	0.910%
33	10.105	2715	2726	2742	rVB	5140665	8946080	37.45%	3.799%
34	10.256	2755	2773	2786	rBV4	1349617	3140534	13.15%	1.334%
35	10.320	2786	2793	2795	rBV2	180236	214158	0.90%	0.091%
36	10.359	2796	2805	2813	rBV3	1372325	2443067	10.23%	1.038%

LSC Area Percent Report

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Sample : M4943-01
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

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\SFAMULM112921WMA.M
Title : VOC Analysis

37	10.484	2829	2844	2853	rBV2	971734	1872883	7.84%	0.795%
38	10.562	2853	2868	2876	rBV5	933059	2133183	8.93%	0.906%
39	10.629	2878	2889	2893	rVV2	1170354	2050858	8.59%	0.871%
40	10.658	2894	2898	2907	rVB	981423	1289750	5.40%	0.548%
41	10.761	2922	2930	2938	rBV2	1431152	2084240	8.72%	0.885%
42	10.812	2939	2946	2966	rVB6	983273	1931352	8.08%	0.820%
43	10.909	2967	2976	2984	rBV	1322799	2017179	8.44%	0.857%
44	10.960	2985	2992	2996	rBV3	335925	483294	2.02%	0.205%
45	11.002	2996	3005	3020	rBV	3735725	8516354	35.65%	3.617%
46	11.092	3020	3033	3037	rVV2	3149868	5920844	24.79%	2.515%
47	11.121	3037	3042	3056	rVB	5545925	8702487	36.43%	3.696%
48	11.192	3057	3064	3075	rVB6	266277	506173	2.12%	0.215%
49	11.246	3075	3081	3086	rBV	234161	317522	1.33%	0.135%
50	11.298	3087	3097	3115	rBV2	2320588	5287960	22.14%	2.246%
51	11.381	3116	3123	3128	rBV3	532606	768773	3.22%	0.326%
52	11.423	3129	3136	3142	rBV	1354672	1714897	7.18%	0.728%
53	11.475	3142	3152	3176	rVB	11043906	18902579	79.13%	8.028%
54	11.581	3177	3185	3189	rBV2	589088	910160	3.81%	0.387%
55	11.616	3191	3196	3199	rBV	315362	349479	1.46%	0.148%
56	11.648	3200	3206	3216	rVB4	902982	1369740	5.73%	0.582%
57	11.716	3217	3227	3233	rBV3	1839870	3214223	13.46%	1.365%
58	11.835	3248	3264	3272	rVB4	797391	2129252	8.91%	0.904%
59	11.899	3272	3284	3296	rBV	3379884	6998721	29.30%	2.972%
60	12.008	3313	3318	3336	rVB4	1128152	1947794	8.15%	0.827%
61	12.102	3337	3347	3351	rBV2	1918708	3116404	13.05%	1.324%
62	12.131	3351	3356	3364	rVV	2531155	3676992	15.39%	1.562%
63	12.192	3364	3375	3392	rVB6	4722953	10095178	42.26%	4.287%
64	12.333	3409	3419	3427	rVB2	3967389	5691629	23.83%	2.417%
65	12.381	3428	3434	3450	rVB3	1456338	2830084	11.85%	1.202%
66	12.471	3452	3462	3466	rBV	1450347	2274443	9.52%	0.966%
67	12.500	3466	3471	3479	rVB	1540212	2025666	8.48%	0.860%
68	12.574	3487	3494	3502	rVB	1738785	2534874	10.61%	1.077%
69	12.713	3520	3537	3550	rVB6	1060643	2946553	12.33%	1.251%
70	12.819	3564	3570	3572	rBV	315948	372060	1.56%	0.158%
71	12.938	3597	3607	3612	rBV6	705970	1333580	5.58%	0.566%
72	12.976	3613	3619	3627	rVB2	1282599	1873753	7.84%	0.796%
73	13.031	3627	3636	3652	rVB	1826028	3742485	15.67%	1.589%
74	13.111	3653	3661	3665	rBV2	529939	790286	3.31%	0.336%
75	13.172	3676	3680	3685	rVB	255980	260378	1.09%	0.111%
76	13.288	3702	3716	3728	rVB4	698828	1483775	6.21%	0.630%

LSC Area Percent Report

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Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

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\SFAMULM112921WMA.M
Title : VOC Analysis

77	13.356	3730	3737	3744	rBV2	378340	510990	2.14%	0.217%
78	13.407	3745	3753	3755	rBV2	395229	489948	2.05%	0.208%
79	13.452	3756	3767	3781	rVB4	1566333	4224124	17.68%	1.794%
80	13.561	3796	3801	3806	rBV	241205	303251	1.27%	0.129%
81	13.594	3807	3811	3814	rVV3	270643	320529	1.34%	0.136%
82	13.629	3816	3822	3847	rVB7	878117	2092907	8.76%	0.889%
83	13.738	3848	3856	3864	rBV3	236088	472603	1.98%	0.201%
84	13.841	3879	3888	3903	rBV4	595304	1346753	5.64%	0.572%
85	14.095	3954	3967	3984	rVB	12325847	20609243	86.27%	8.753%
86	14.198	3986	3999	4012	rVB4	448313	1220511	5.11%	0.518%
87	14.452	4071	4078	4085	rBV	602216	739367	3.10%	0.314%
88	14.677	4136	4148	4169	rVB6	399027	1071924	4.49%	0.455%
89	14.812	4183	4190	4203	rBV2	176657	312079	1.31%	0.133%
90	14.880	4205	4211	4220	rVB2	224740	338435	1.42%	0.144%
91	14.941	4224	4230	4237	rBV4	114861	159457	0.67%	0.068%
92	15.021	4247	4255	4265	rBV6	240895	491787	2.06%	0.209%
93	15.150	4290	4295	4303	rVB7	87410	122656	0.51%	0.052%
94	15.224	4304	4318	4328	rBV	2770191	4700040	19.68%	1.996%
95	15.346	4349	4356	4363	rBV6	124721	214289	0.90%	0.091%
96	15.407	4365	4375	4387	rVV2	1532228	2669413	11.17%	1.134%
97	16.147	4598	4605	4613	rBV	259834	394348	1.65%	0.167%
98	16.262	4631	4641	4669	rVB	627786	1230959	5.15%	0.523%
99	16.410	4677	4687	4693	rBV	592445	918461	3.84%	0.390%
100	16.446	4694	4698	4716	rVB	332265	533773	2.23%	0.227%

Sum of corrected areas: 235461505

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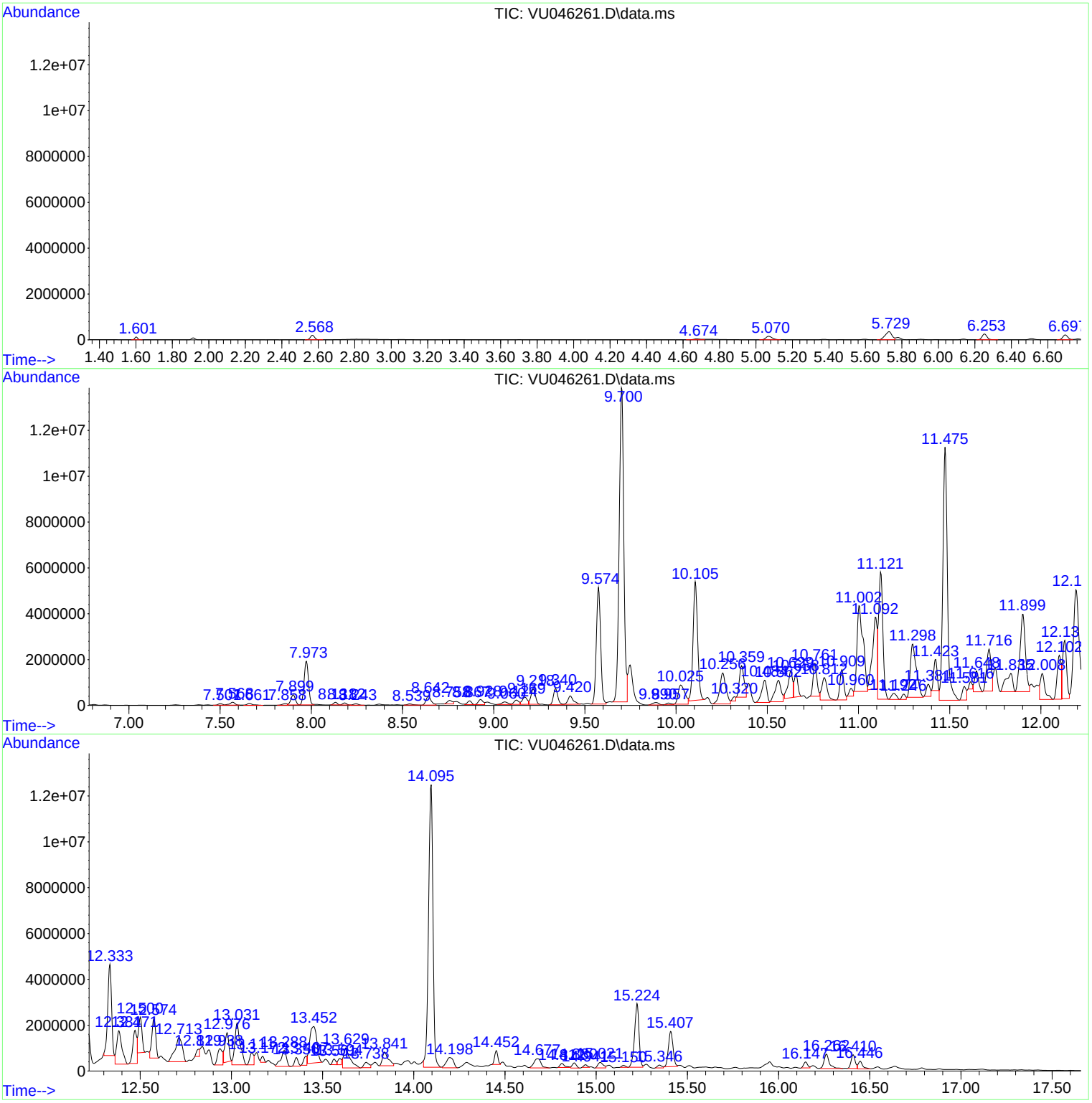
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

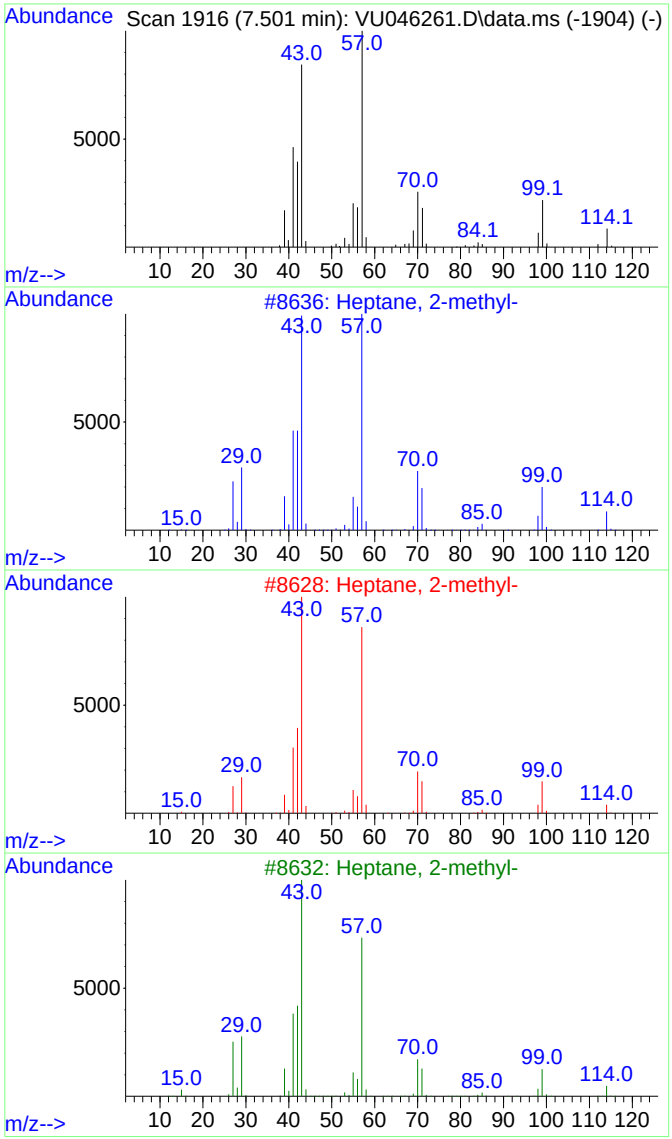
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

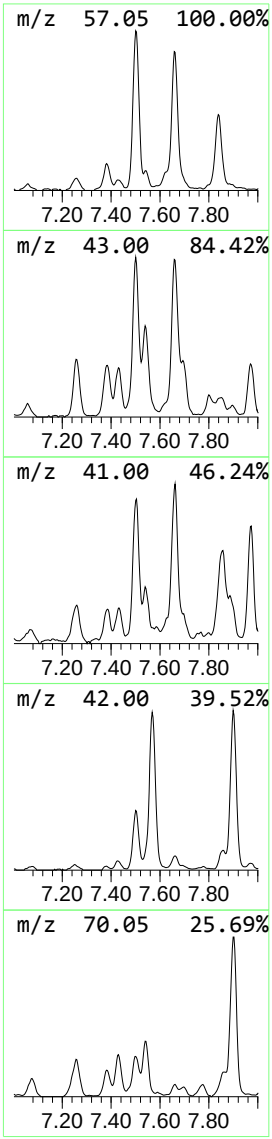
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.501	13.14 ug/L	125646	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	90
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	58
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

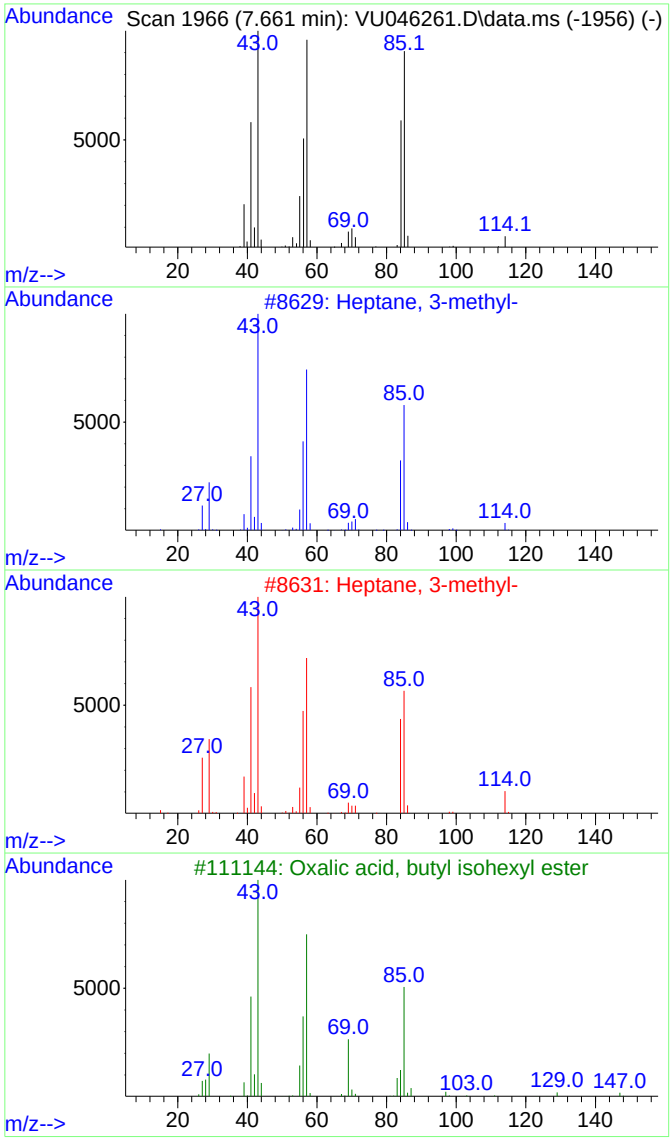
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

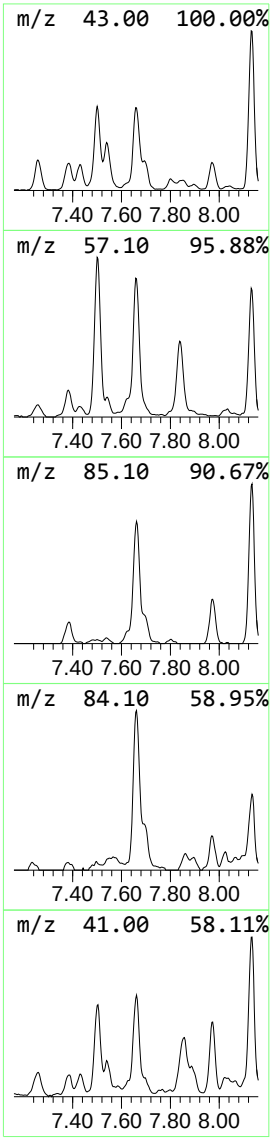
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.661	18.46 ug/L	176586	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	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	72
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
5	Butanoic acid, 2-methyl-, 2-meth...	186	C11H22O2	083783-88-4	64





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Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

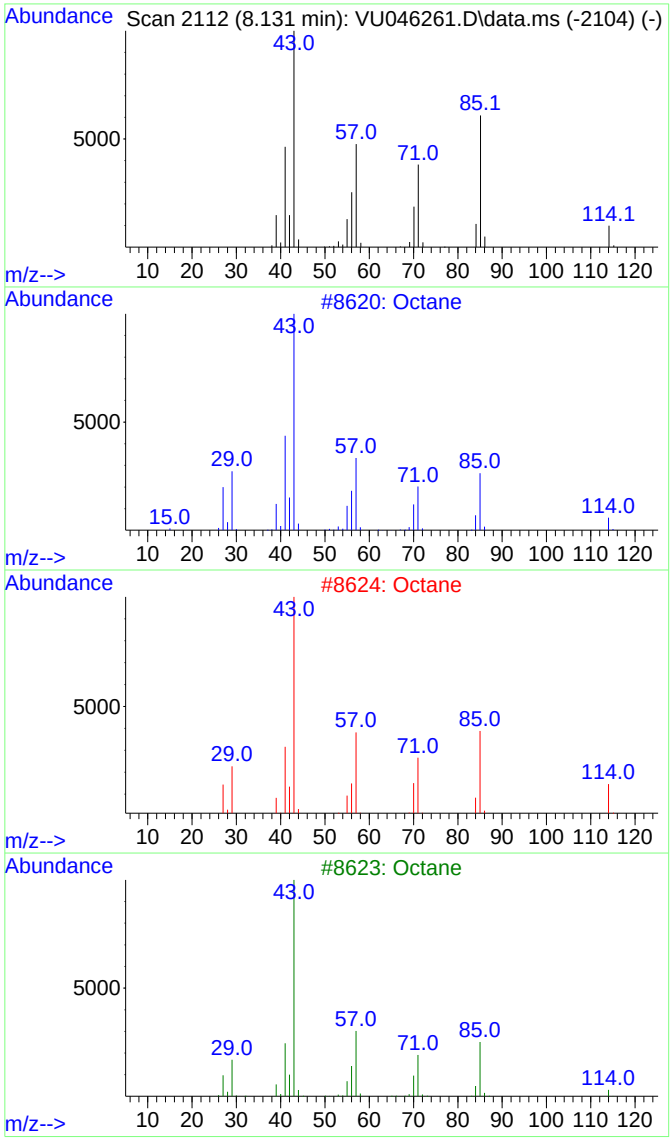
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

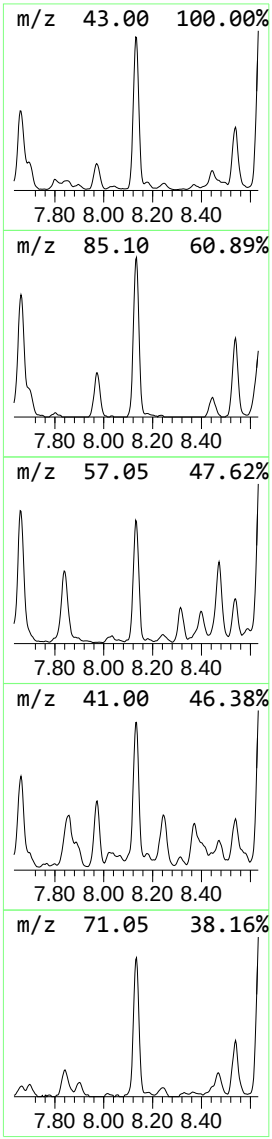
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.131	10.54 ug/L	157067	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	94
2	Octane	114	C8H18	000111-65-9	91
3	Octane	114	C8H18	000111-65-9	91
4	Octane	114	C8H18	000111-65-9	91
5	Octane	114	C8H18	000111-65-9	91





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Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

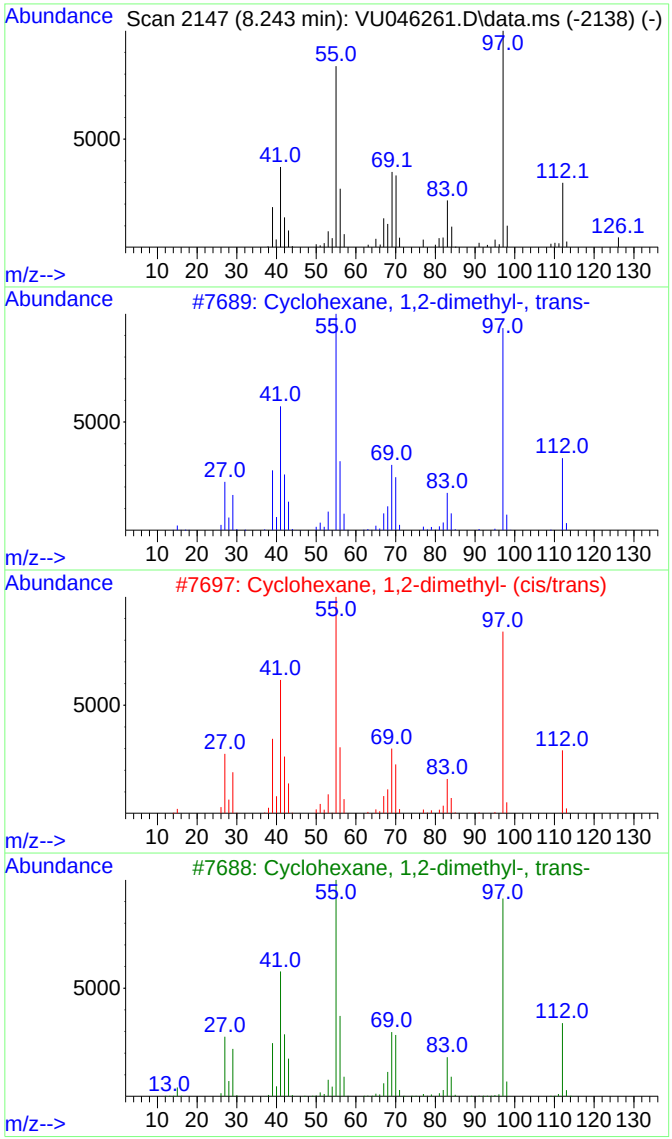
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

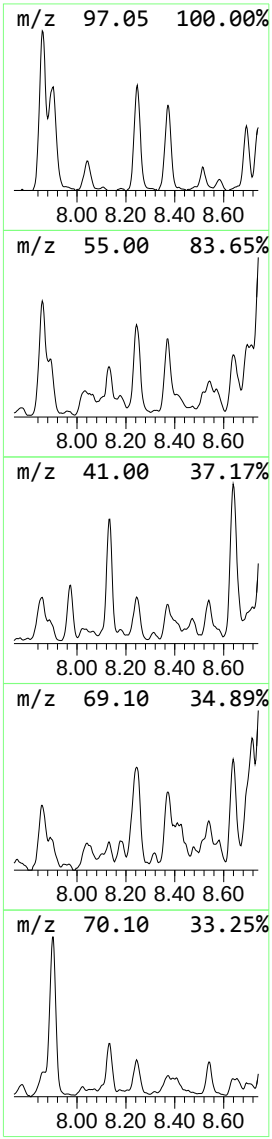
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic8.243 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.243	8.58 ug/L	127921	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	95
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	95
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
4	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

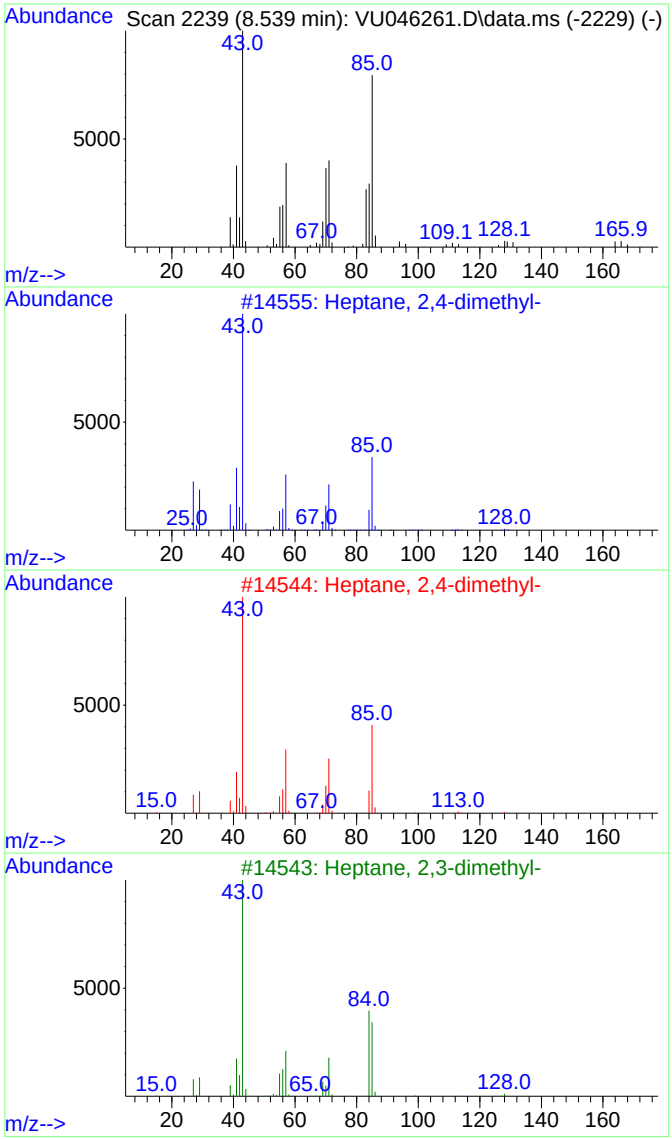
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

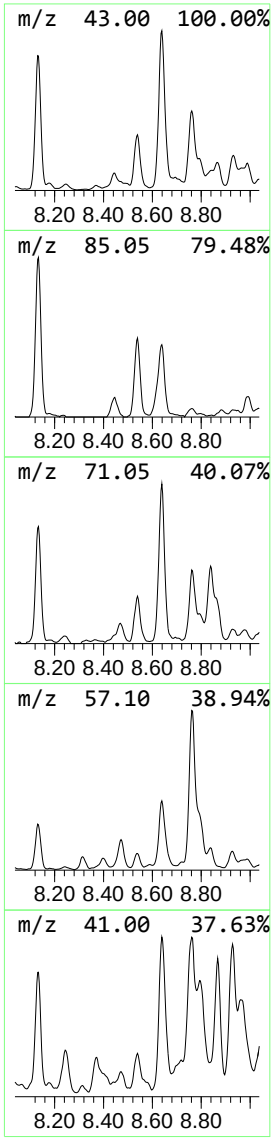
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.539	7.90 ug/L	117712	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	90
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	68
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

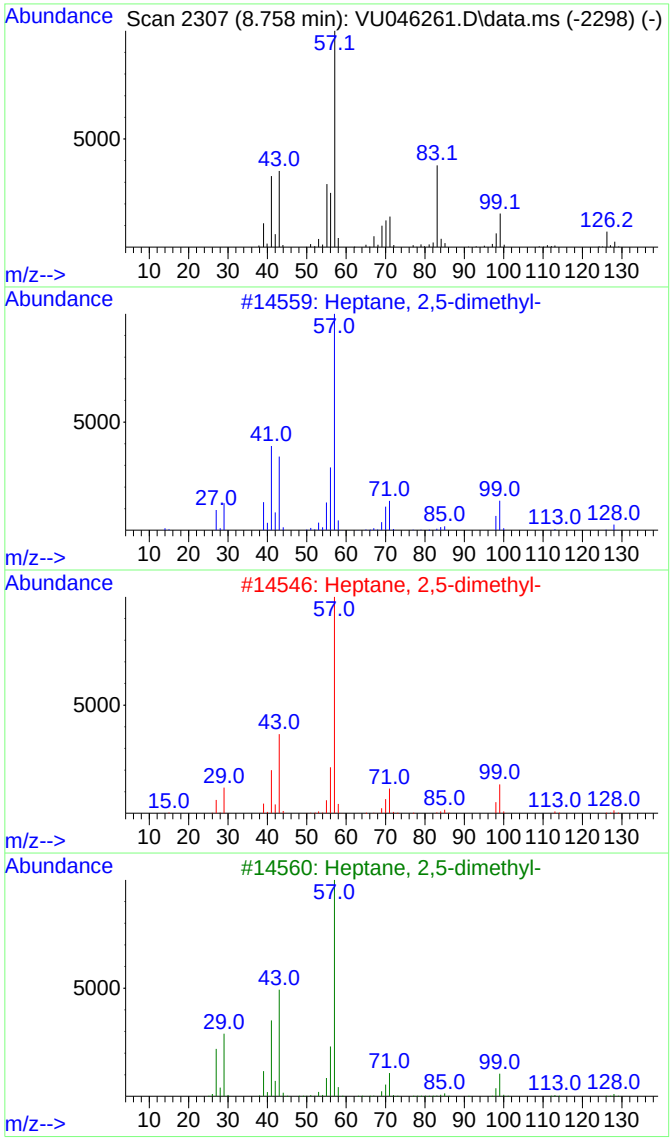
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

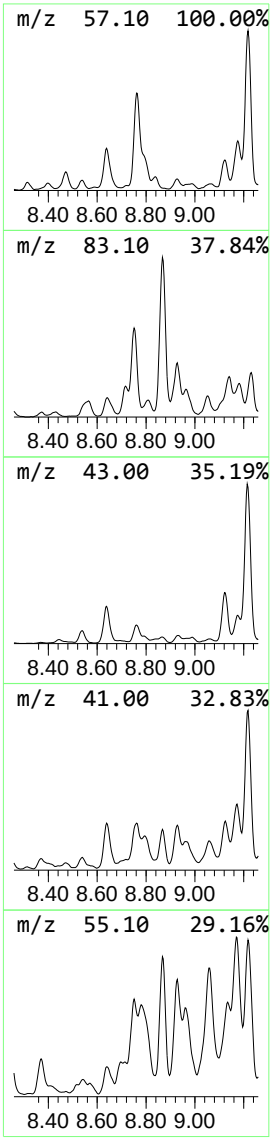
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.758	20.19 ug/L	300863	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	70
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	58
4	Octane, 3-methyl-	128	C9H20	002216-33-3	47
5	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

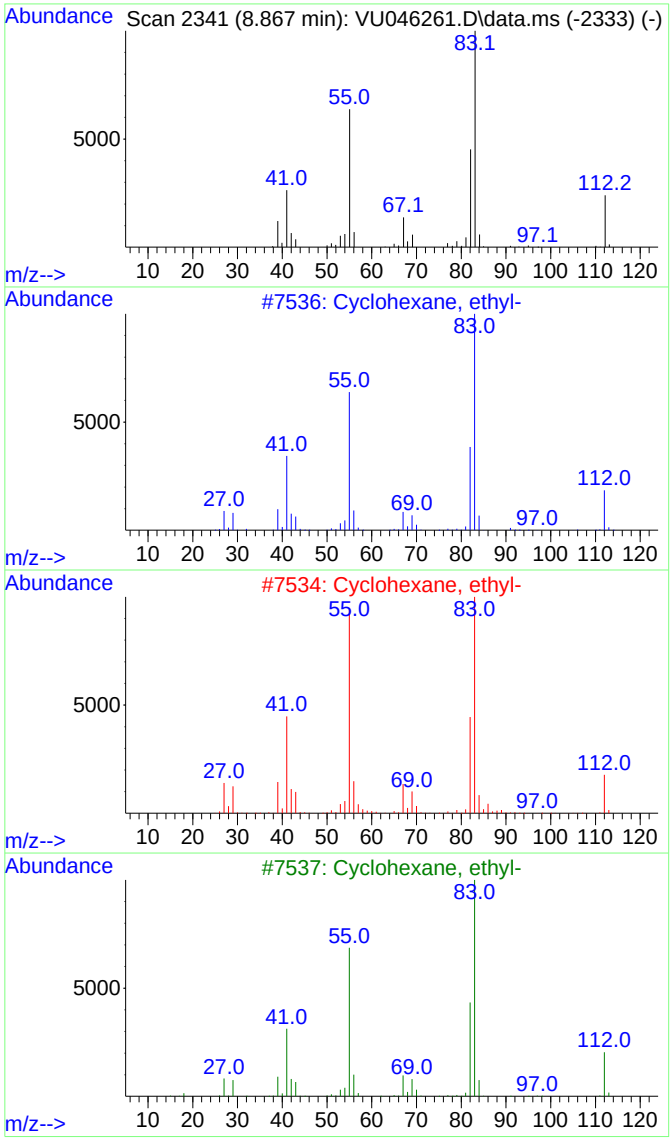
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

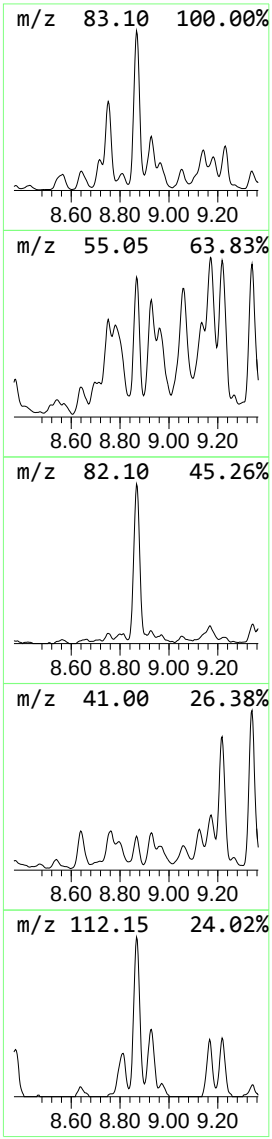
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Cyclic8.867 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.867	17.07 ug/L	254316	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
2	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	64
5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	59





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Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

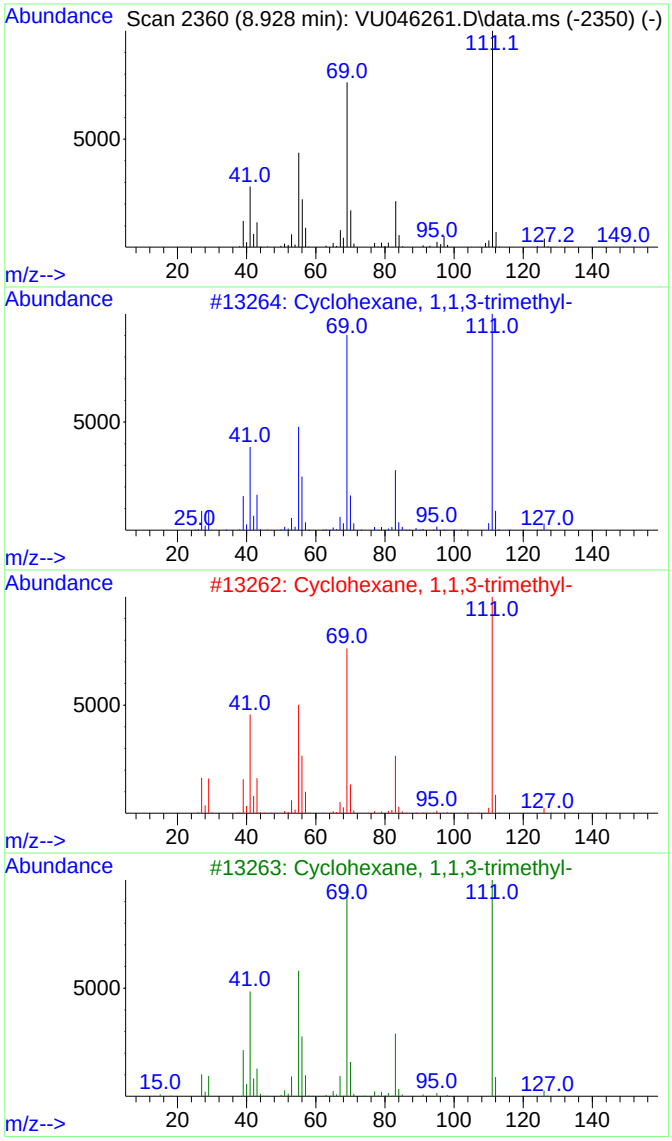
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

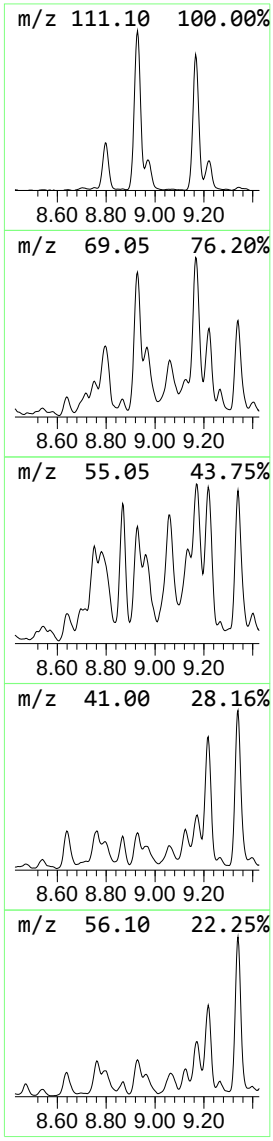
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Cyclic8.928 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.928	27.12 ug/L	404079	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	95
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
5	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

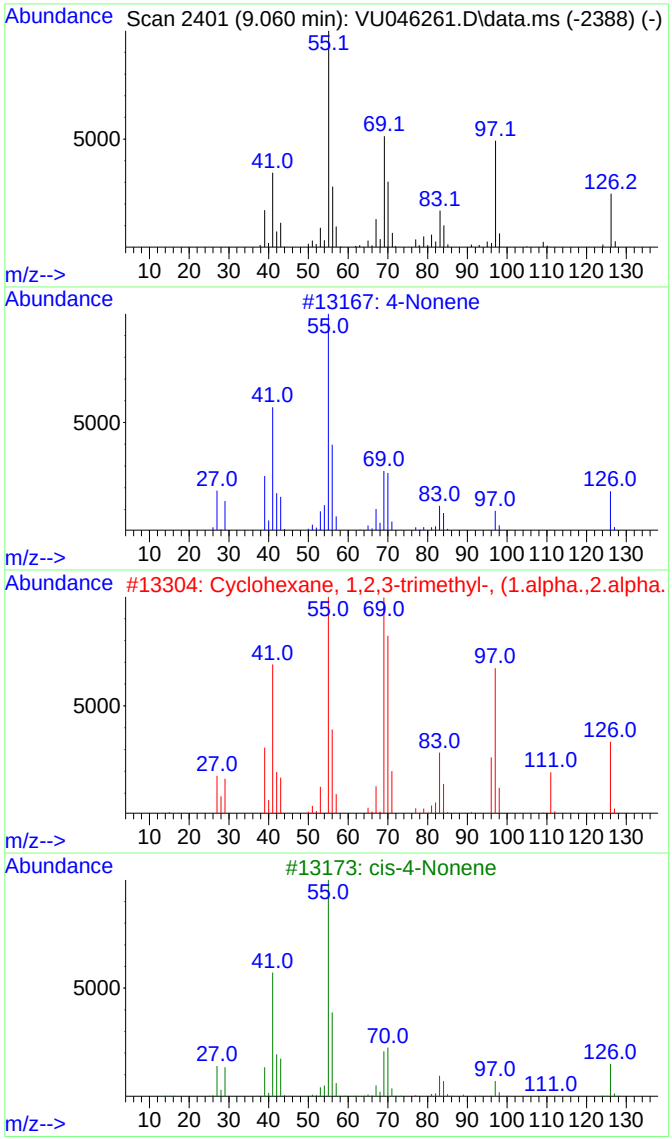
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

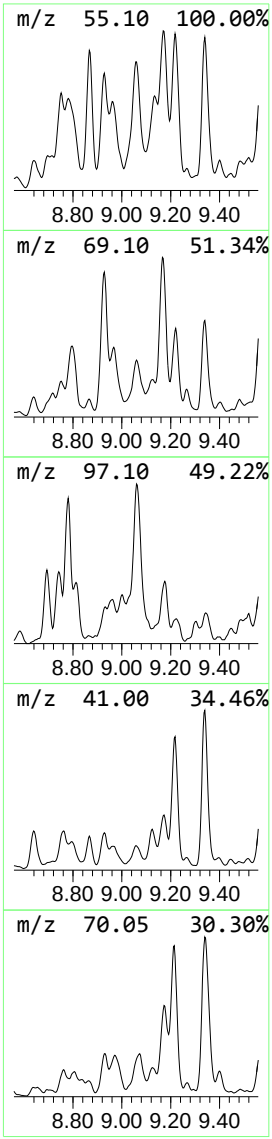
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.060	17.69 ug/L	263554	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Nonene	126	C9H18	002198-23-4	76
2	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001839-88-9	72
3	cis-4-Nonene	126	C9H18	010405-84-2	64
4	trans--4-Nonene	126	C9H18	010405-85-3	64
5	trans--4-Nonene	126	C9H18	010405-85-3	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

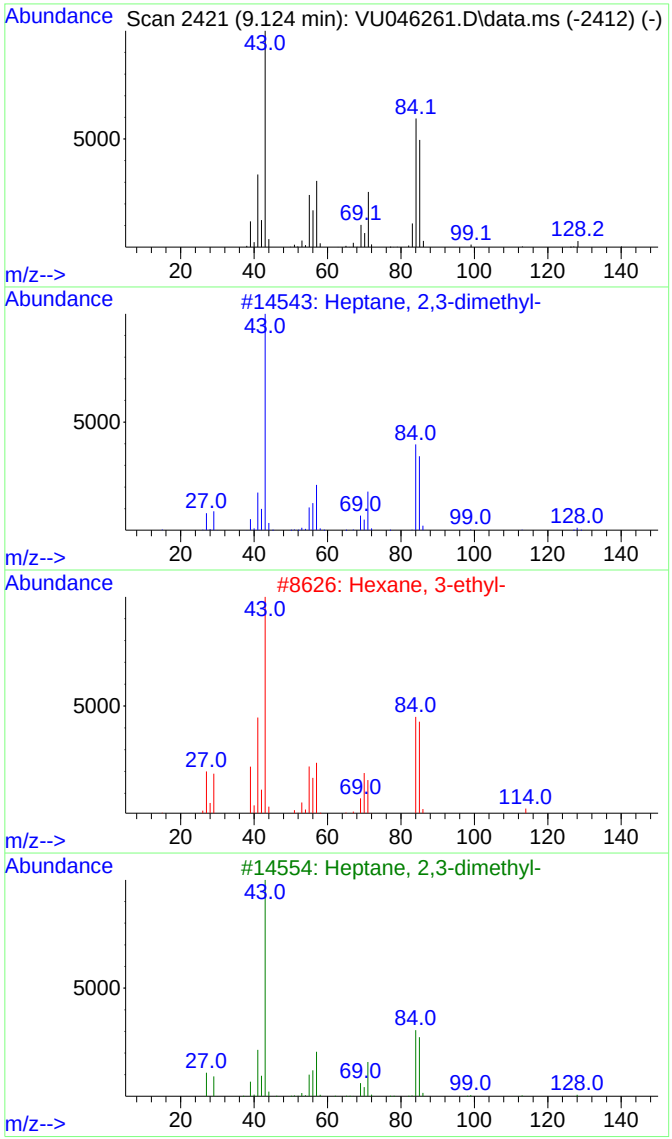
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

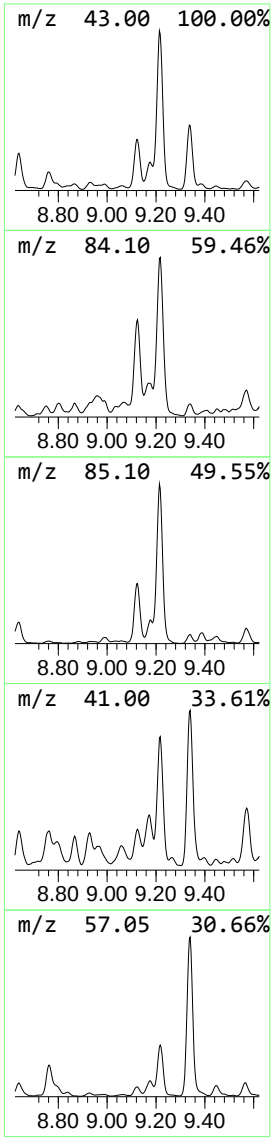
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.124	23.12 ug/L	344467	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	81
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	78
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	78
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	68
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

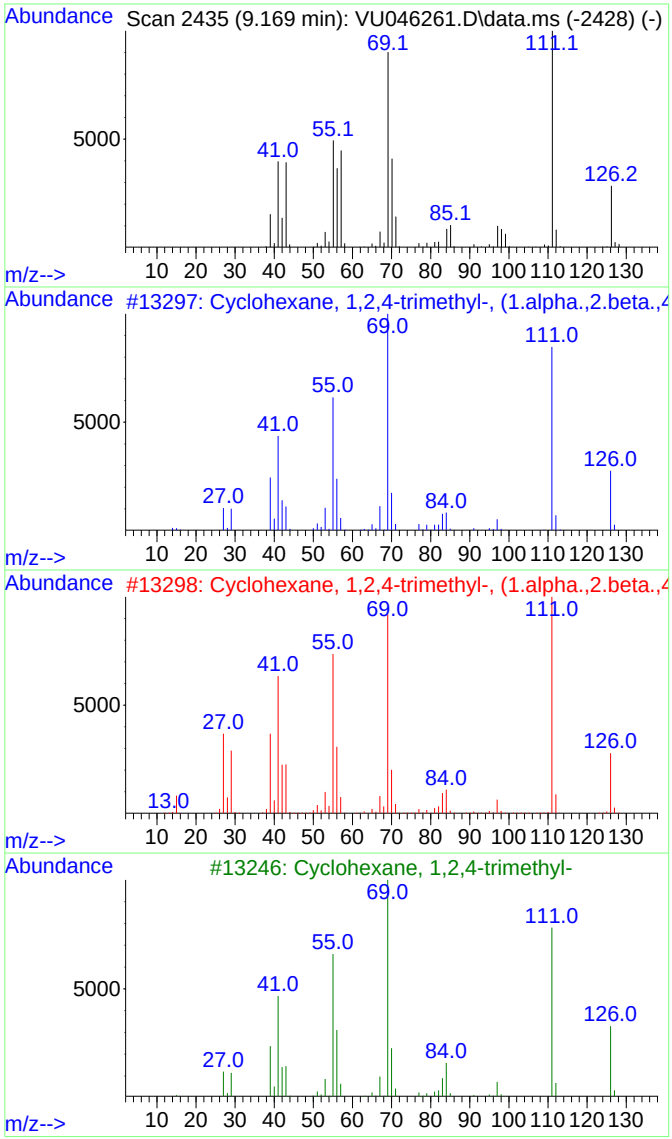
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

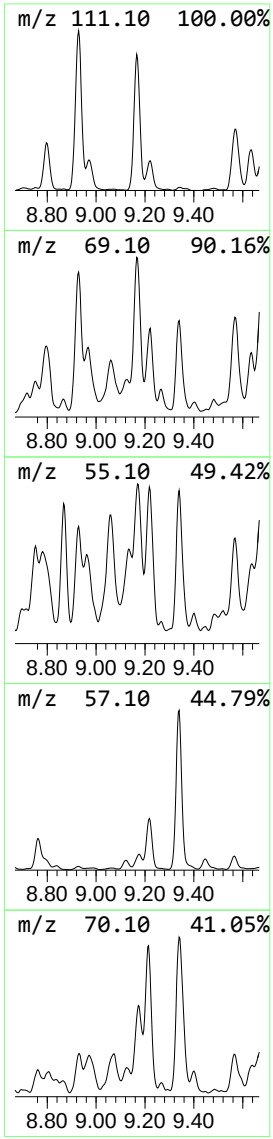
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Cyclic9.169 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.169	40.00 ug/L	596144	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	76
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	72
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	72
4	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	64
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

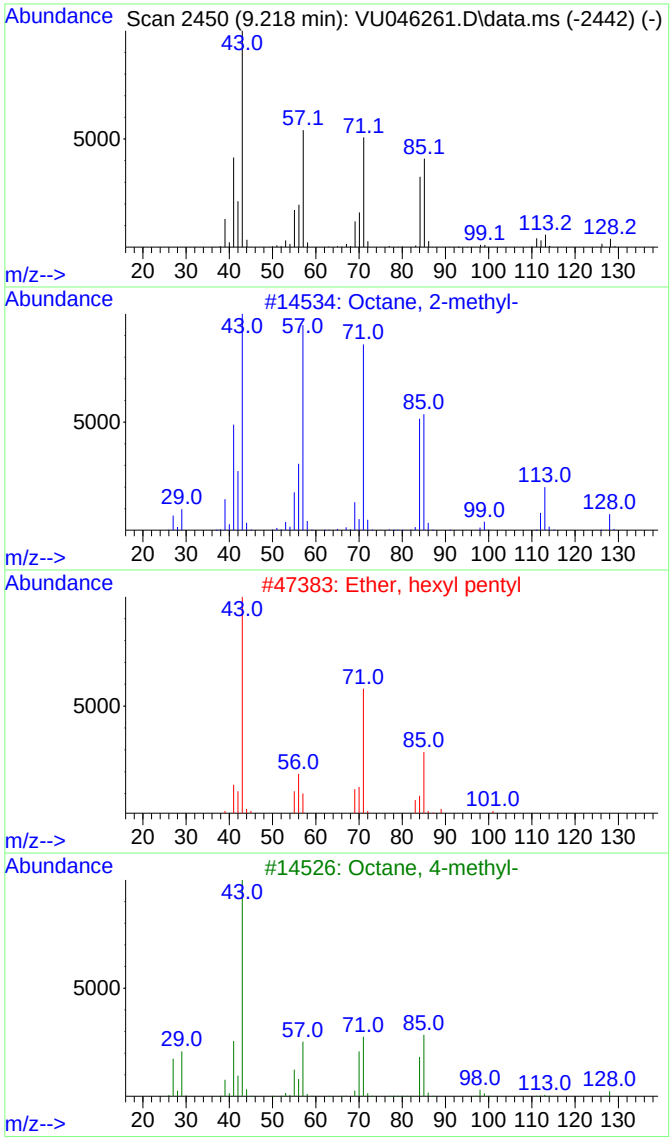
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

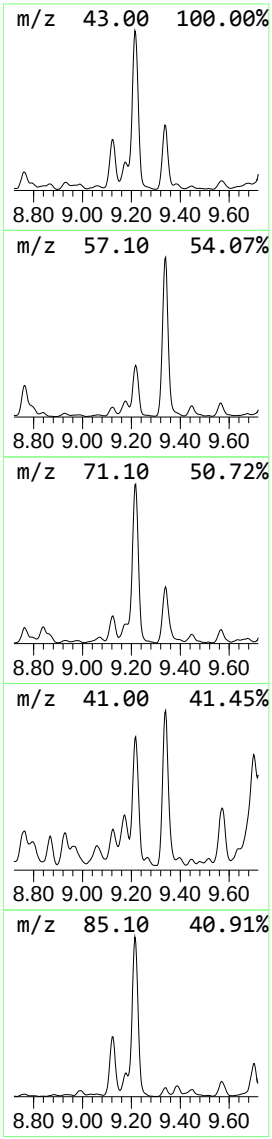
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.218	76.41 ug/L	1138630	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	72
2	Ether, hexyl pentyl	172	C11H24O	032357-83-8	64
3	Octane, 4-methyl-	128	C9H20	002216-34-4	59
4	Octane, 2-methyl-	128	C9H20	003221-61-2	59
5	Octane, 2-methyl-	128	C9H20	003221-61-2	52





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Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

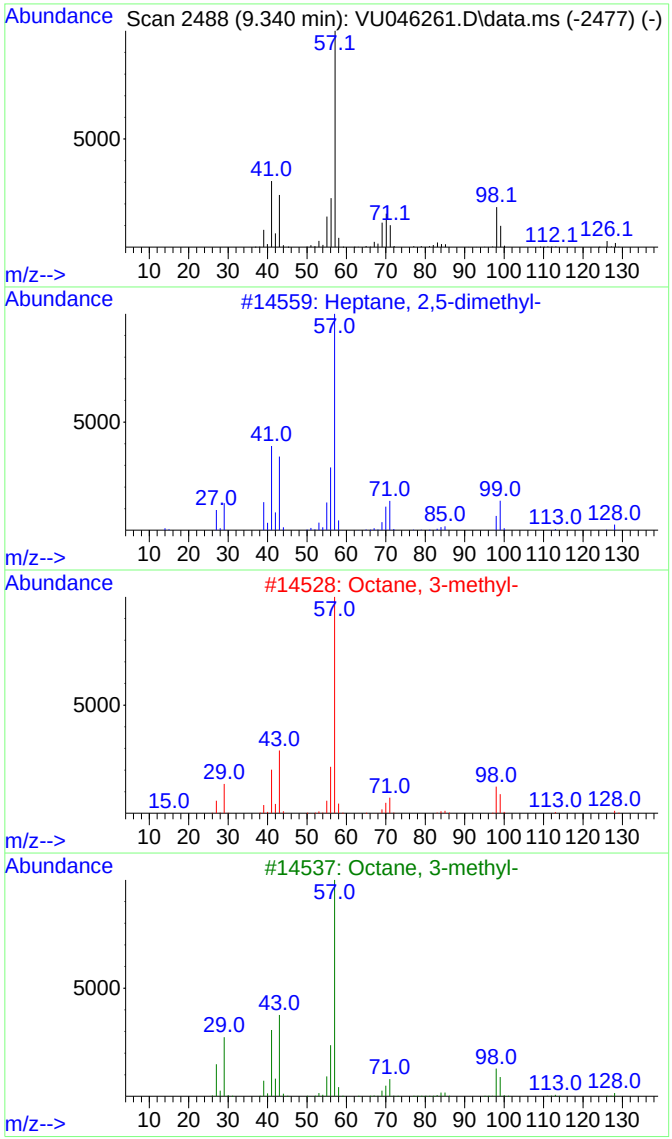
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

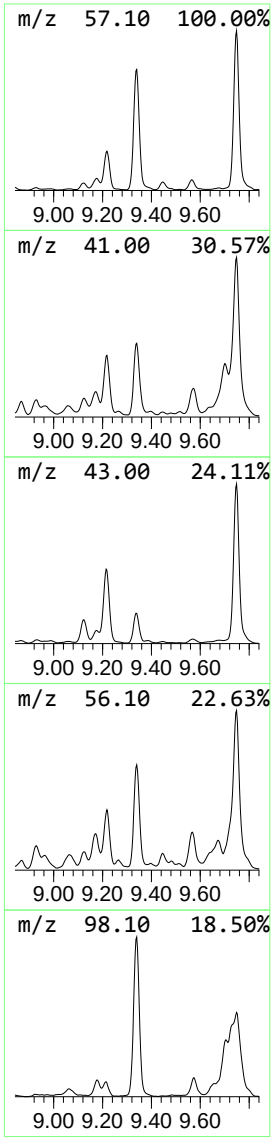
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.340	80.40 ug/L	1198140	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
2	Octane, 3-methyl-	128	C9H20	002216-33-3	80
3	Octane, 3-methyl-	128	C9H20	002216-33-3	80
4	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	72
5	Heptane, 3-ethyl-	128	C9H20	015869-80-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

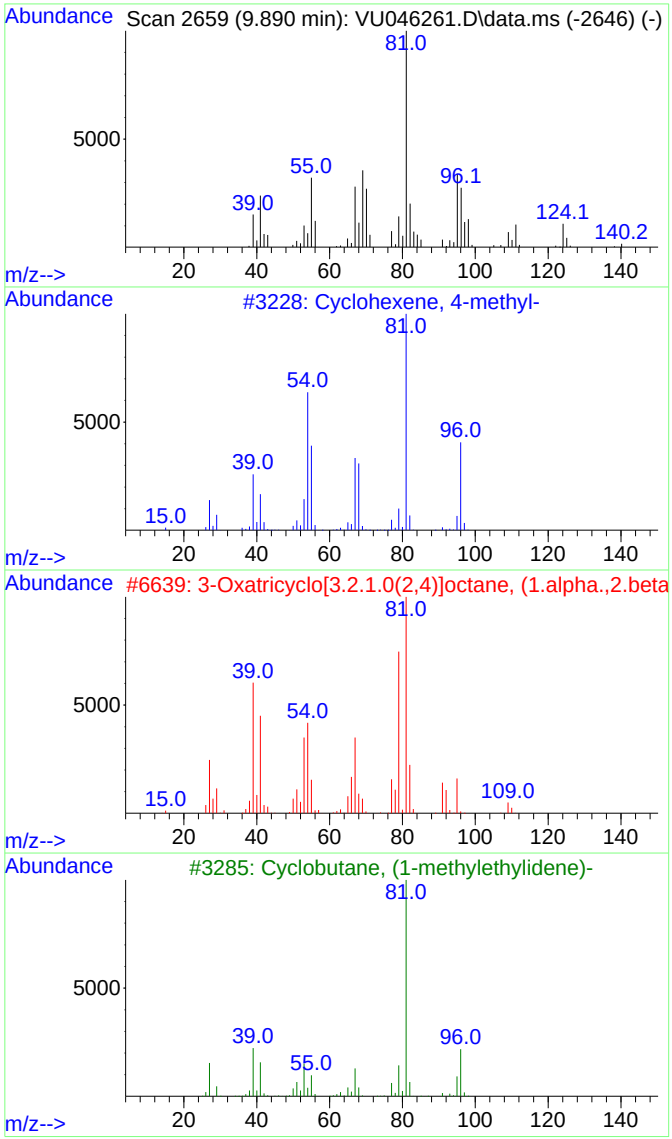
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

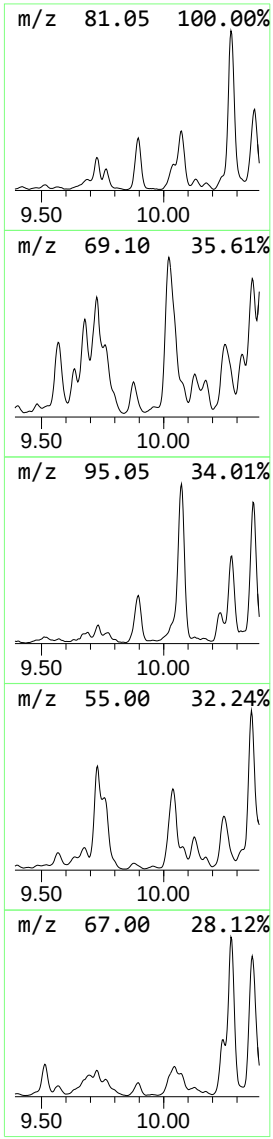
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 unknown-01 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.890	17.13 ug/L	255270	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	49
2	3-Oxatricyclo[3.2.1.0(2,4)]octan...	110	C7H10O	003146-39-2	47
3	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	43
4	2-n-Butyl furan	124	C8H12O	004466-24-4	38
5	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	38





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Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

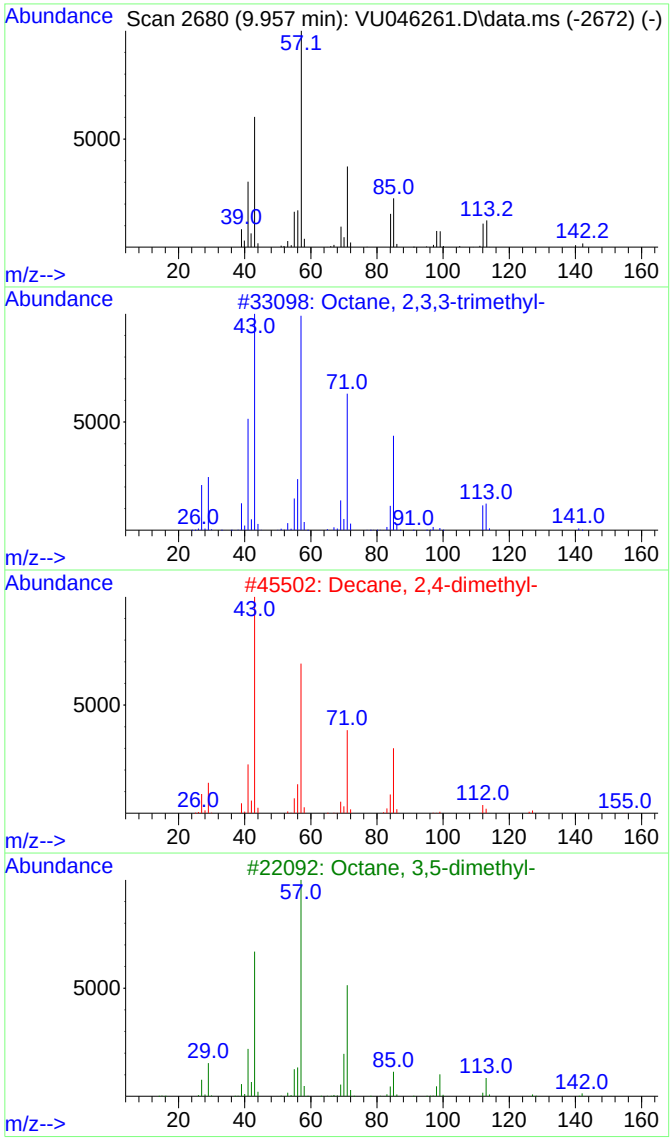
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

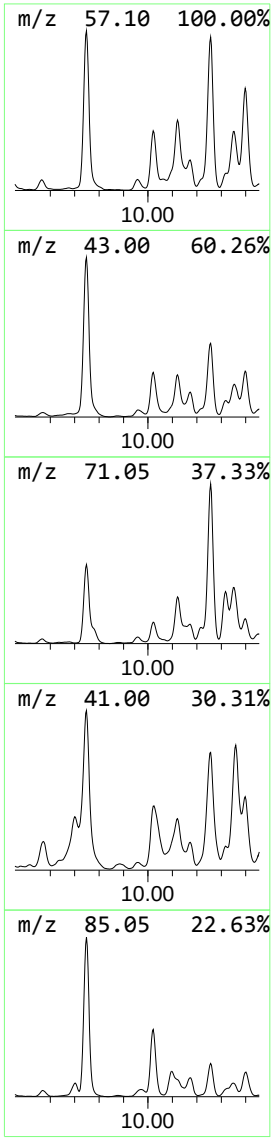
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.957	9.44 ug/L	140635	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	64
2	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	59
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

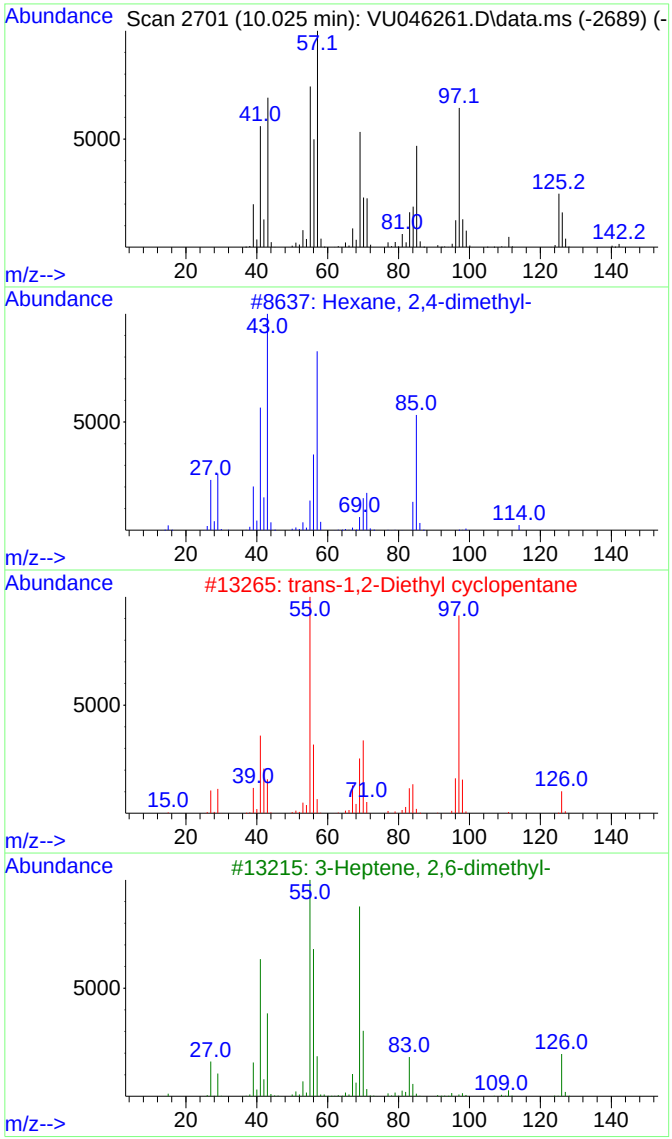
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

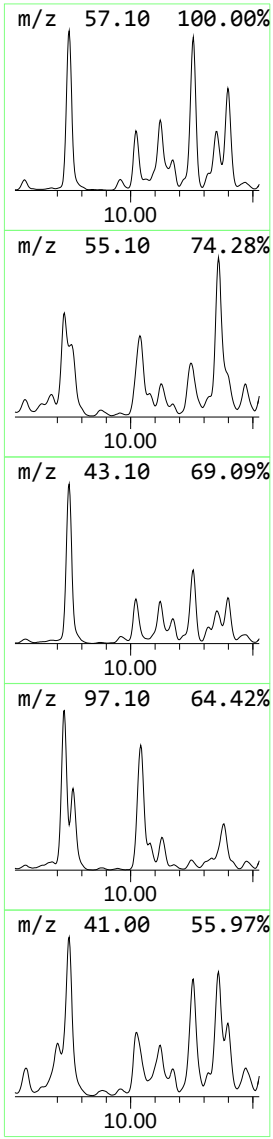
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.025	143.79 ug/L	2142780	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	49
2	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	46
3	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	30
4	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	25
5	Cyclopentane, butyl-	126	C9H18	002040-95-1	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

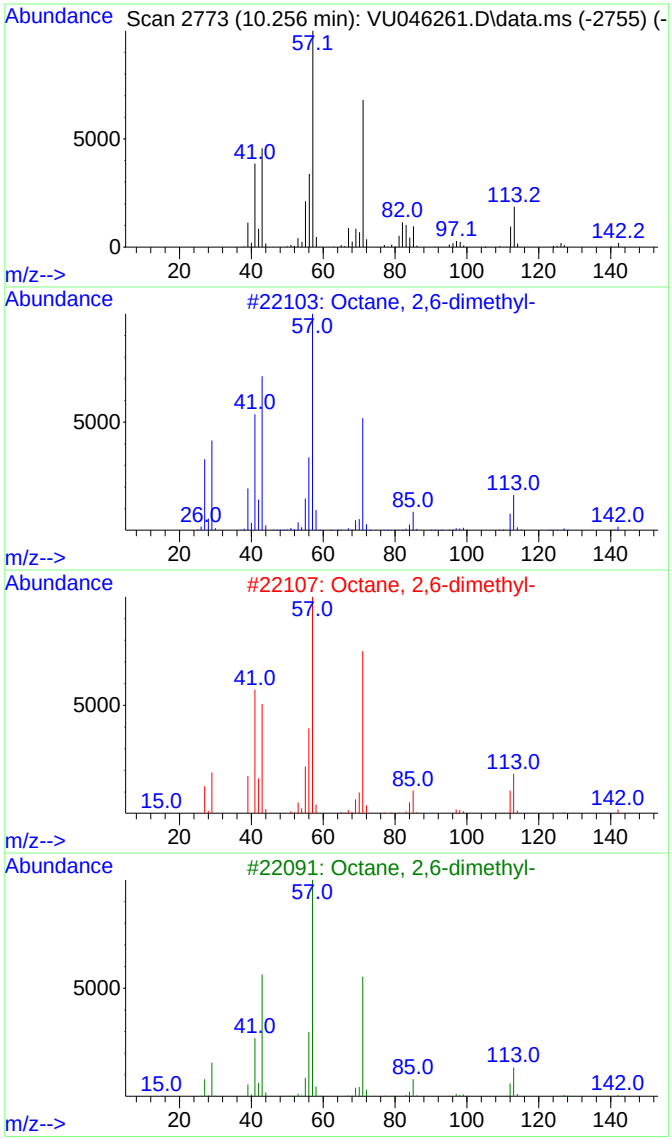
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

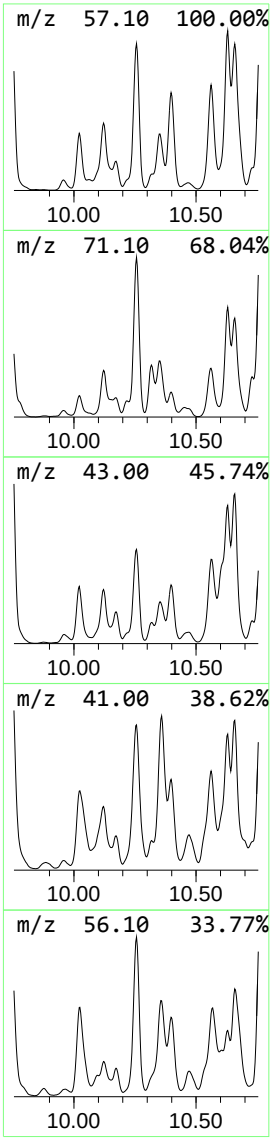
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.256	210.75 ug/L	3140530	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	76
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

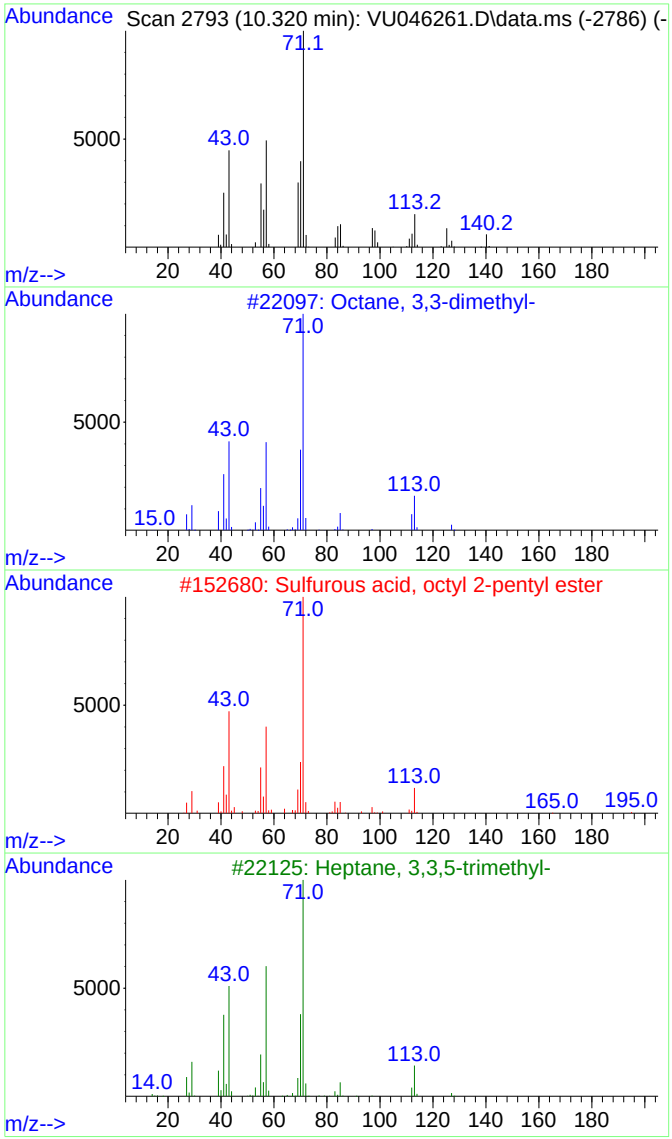
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

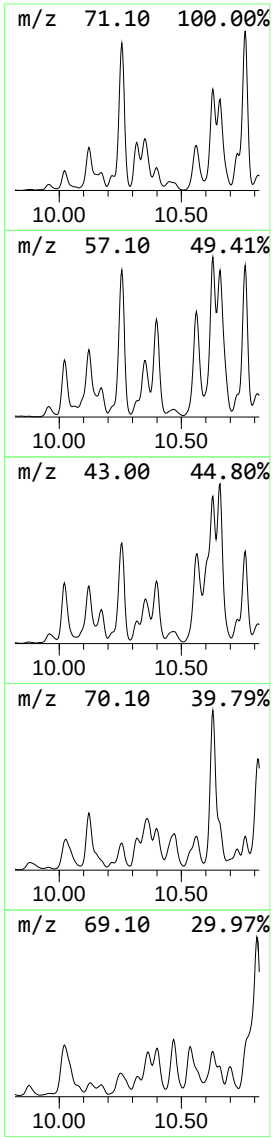
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.320	14.37 ug/L	214158	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
2	Sulfurous acid, octyl 2-pentyl e...	264	C13H28O3S	1000309-15-7	59
3	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	56
4	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	53
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

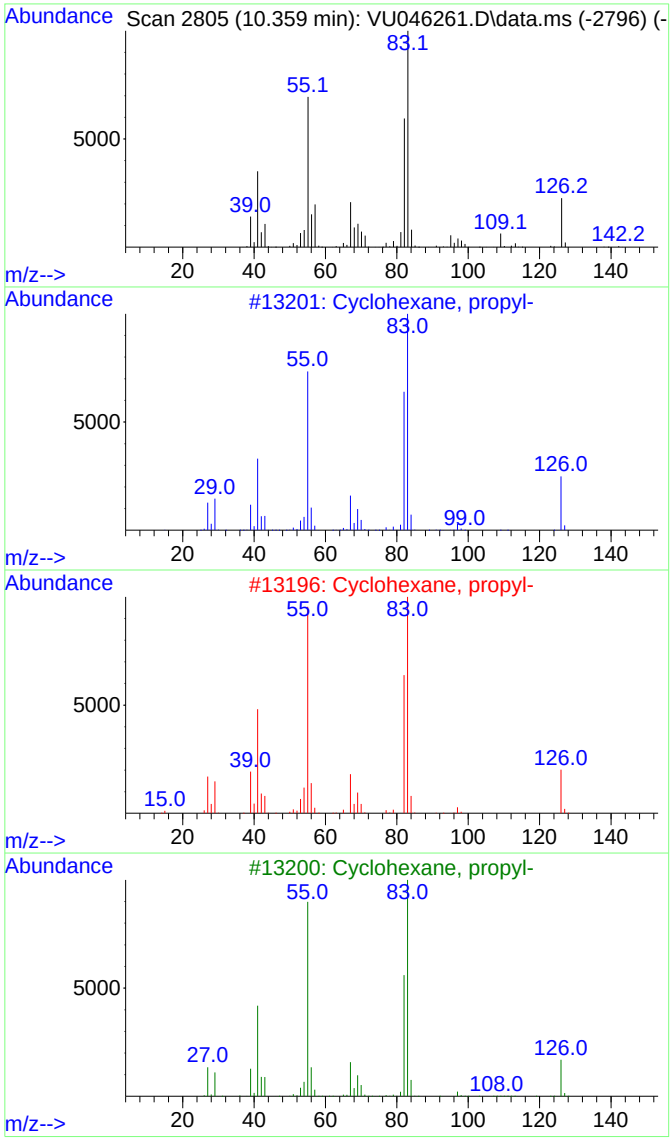
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

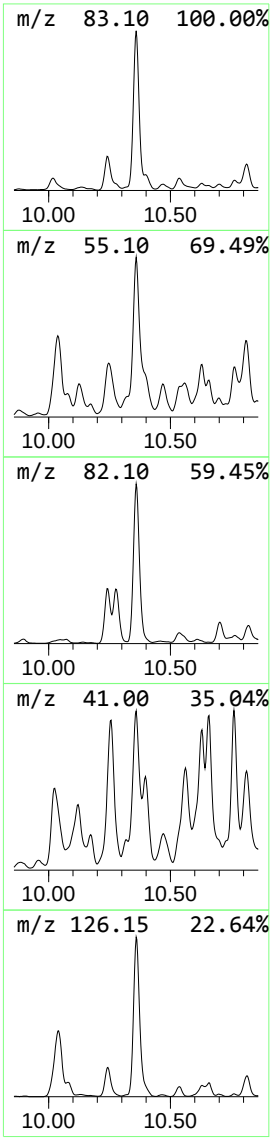
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Cyclic10.359 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.359	163.94 ug/L	2443070	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	93
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	90
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	90
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	87





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Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

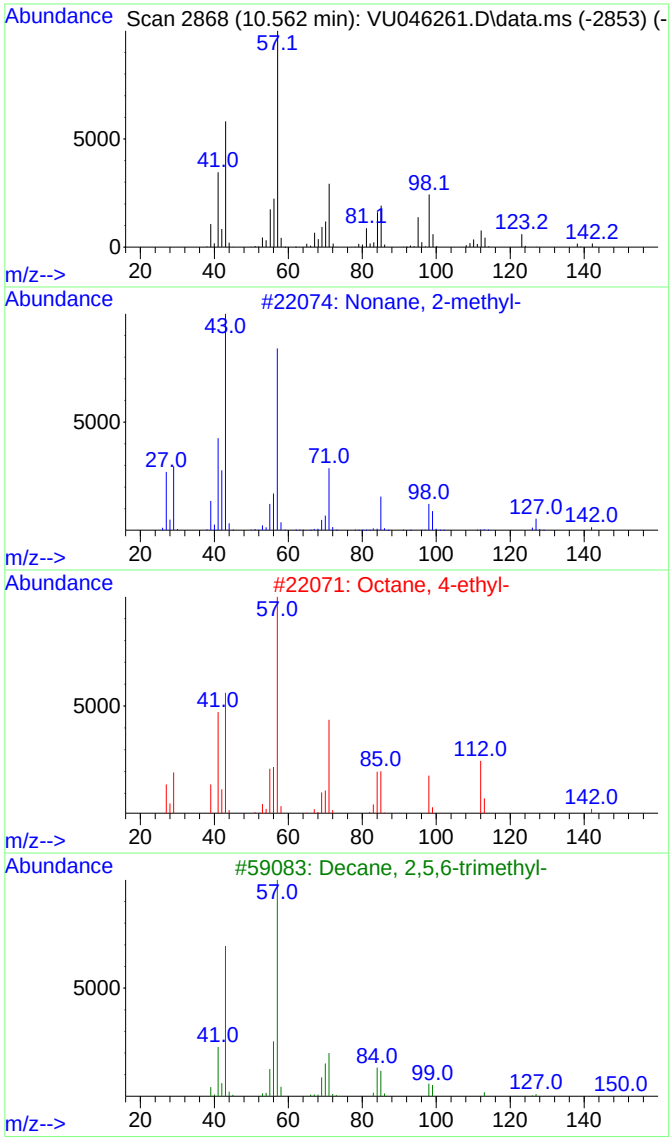
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

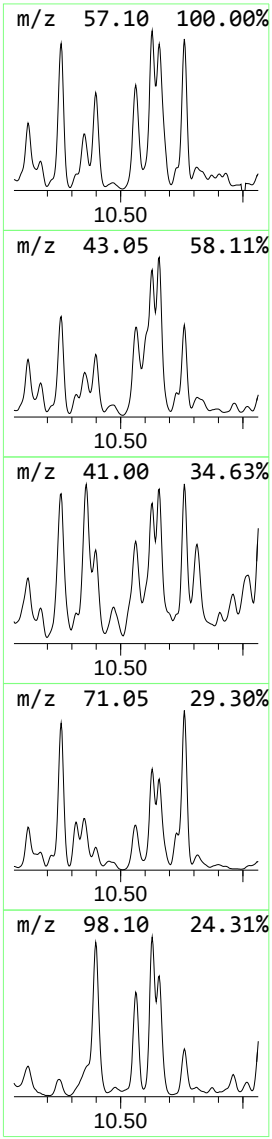
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.562	143.15 ug/L	2133180	Chlorobenzene-d5	9.420

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	52
2	Octane, 4-ethyl-	142	C10H22	015869-86-0	46
3	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	43
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	43
5	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000383-13-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

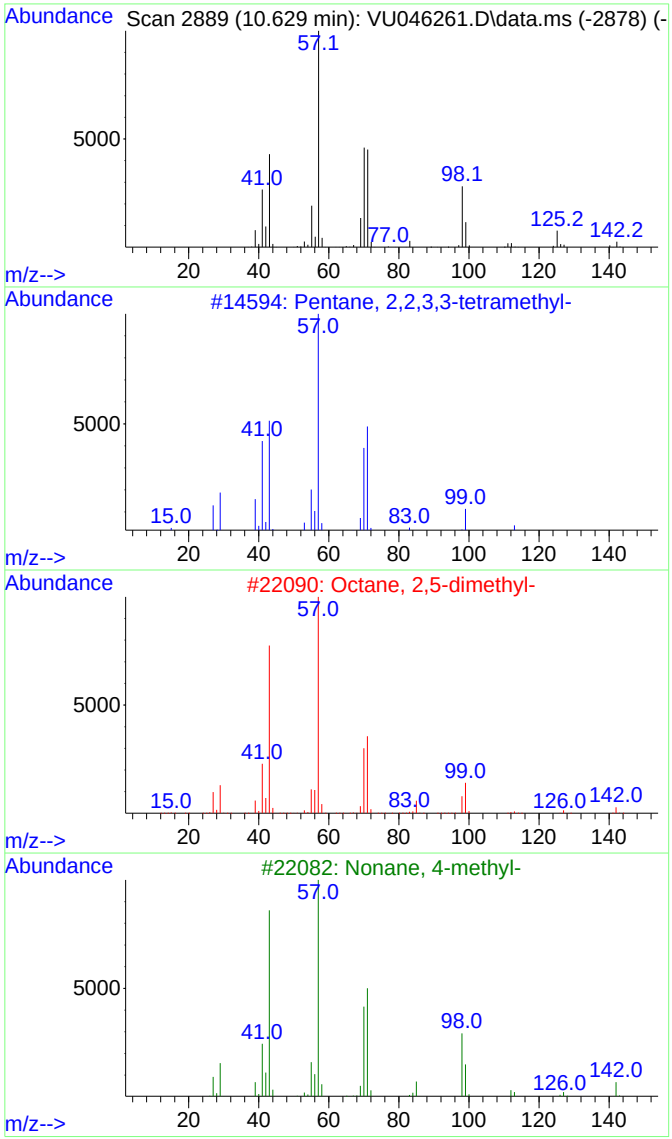
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

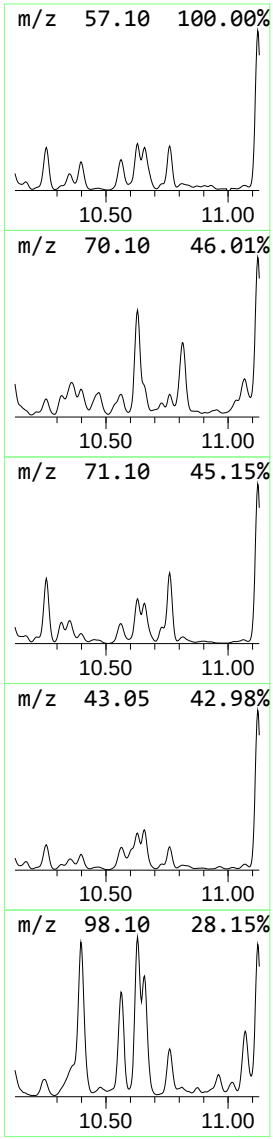
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.629	48.16 ug/L	2050860	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
2	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	59
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	56
4	Nonane, 4-methyl-	142	C10H22	017301-94-9	50
5	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	50





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Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

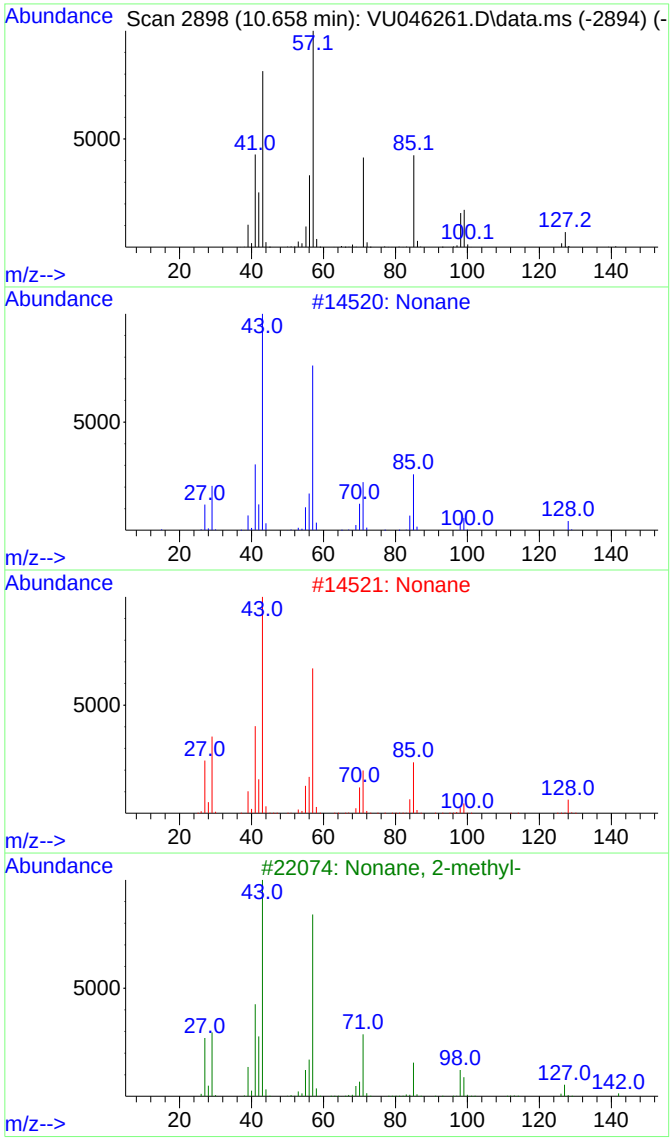
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

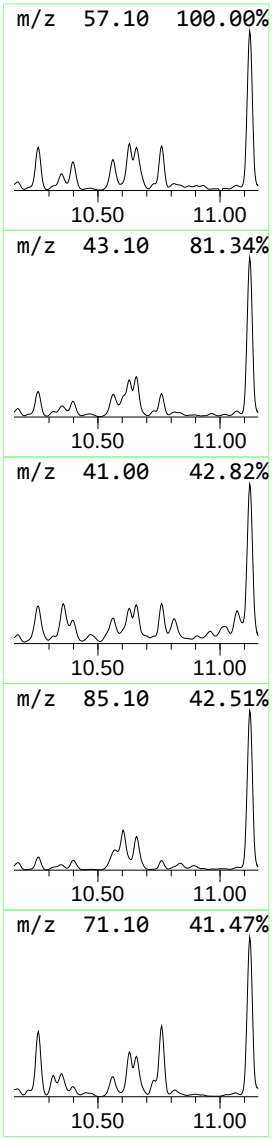
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.658	30.29 ug/L	1289750	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	72
2	Nonane	128	C9H20	000111-84-2	72
3	Nonane, 2-methyl-	142	C10H22	000871-83-0	64
4	Octane	114	C8H18	000111-65-9	59
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

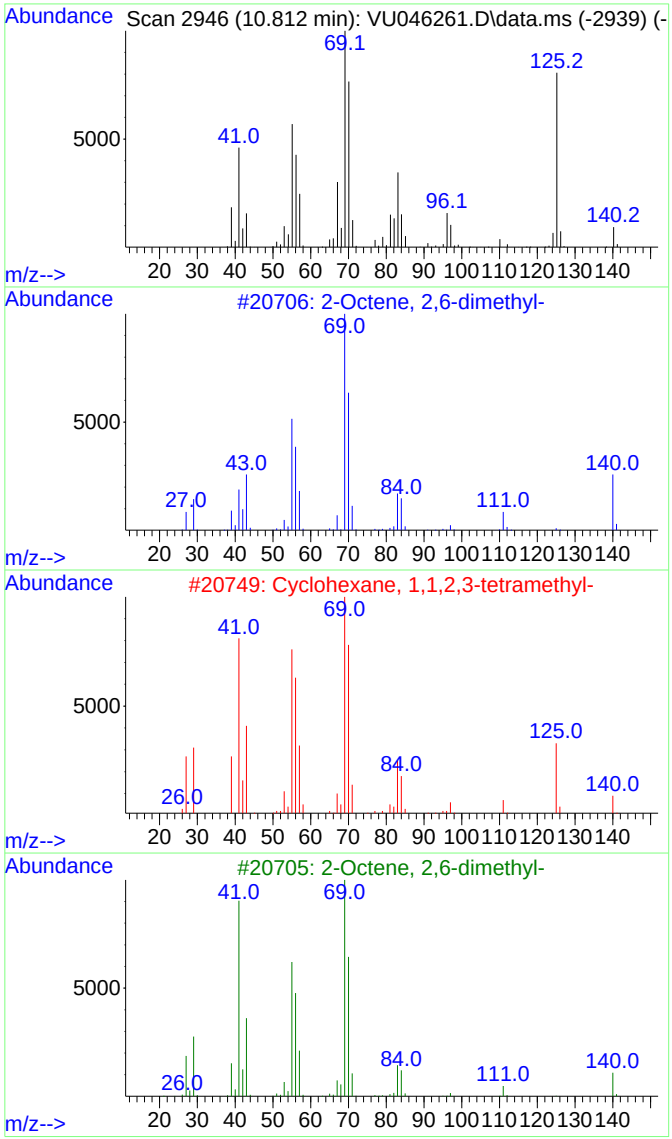
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

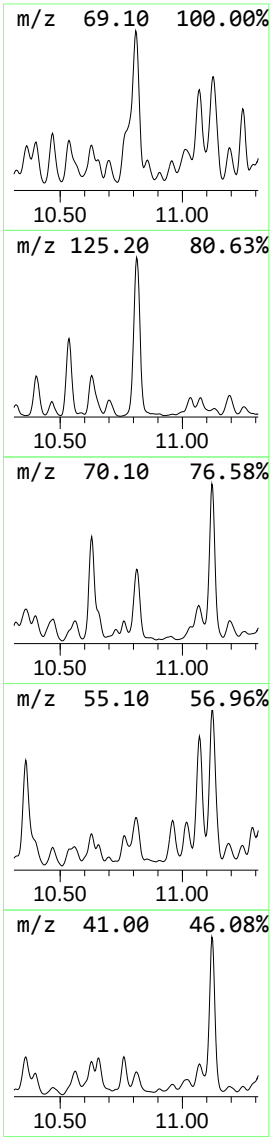
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.812	45.35 ug/L	1931350	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	64
2	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	62
3	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
4	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
5	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	43





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Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

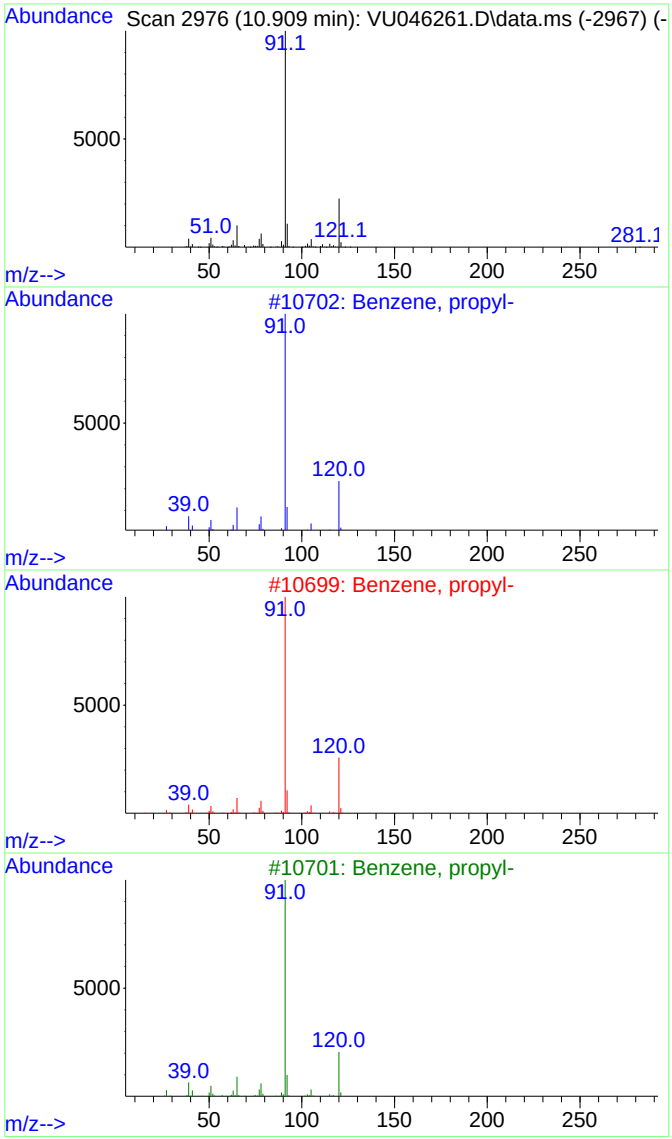
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

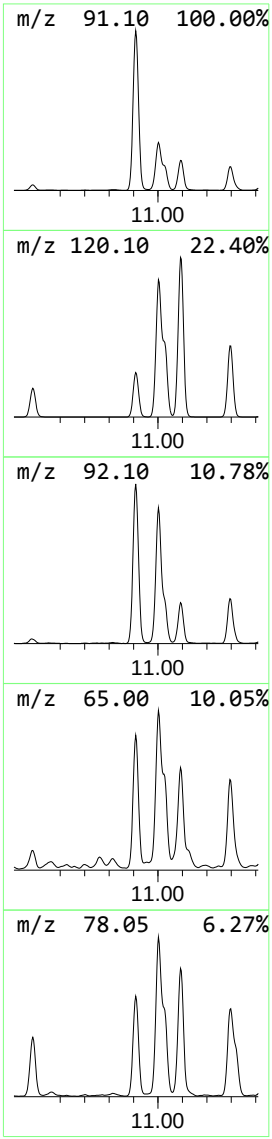
****

Peak Number 25 Benzene, propyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.909	47.37 ug/L	2017180	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	Benzene, propyl-	120	C9H12	000103-65-1	90
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72





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Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

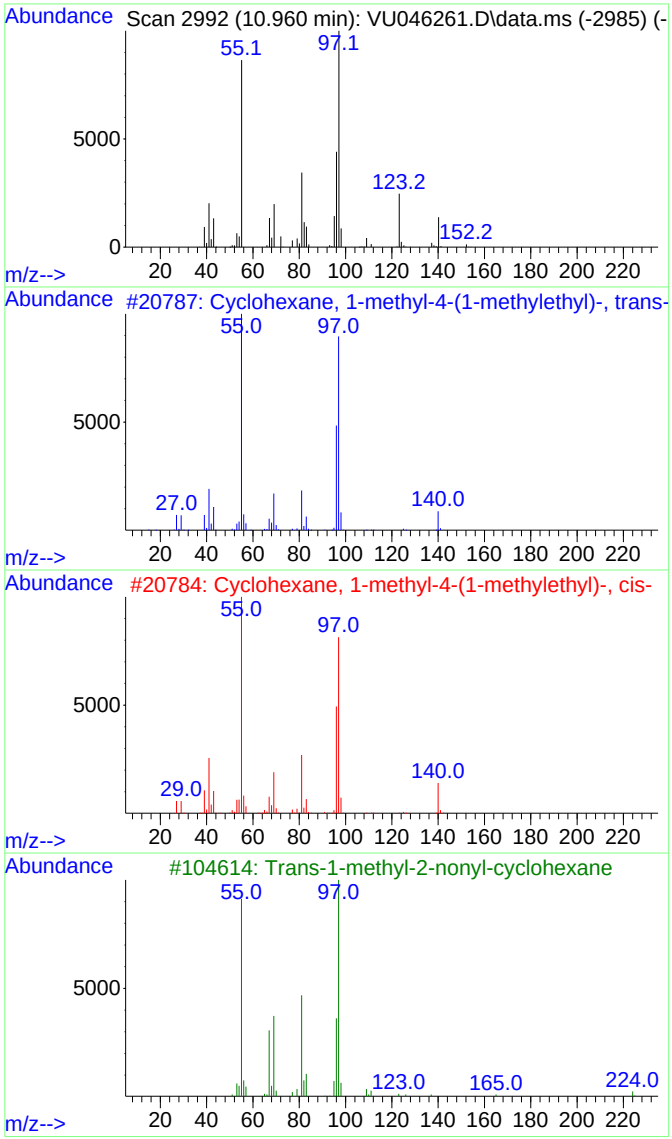
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

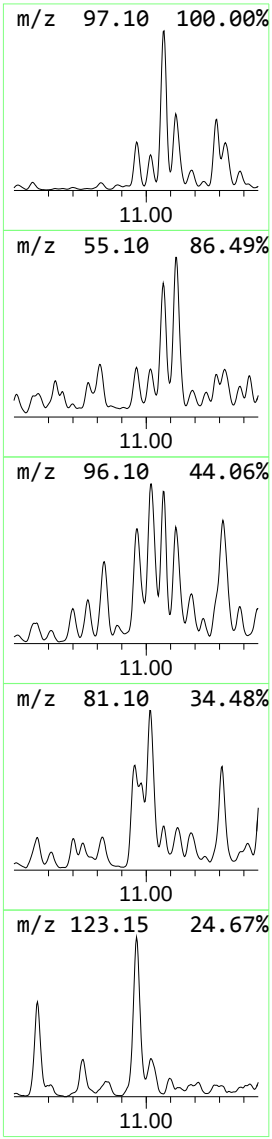
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Cyclic10.960 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.960	11.35 ug/L	483294	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	74
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	74
3	Trans-1-methyl-2-nonyl-cyclohexane	224	C16H32	1000371-47-8	72
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	72
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	68





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Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

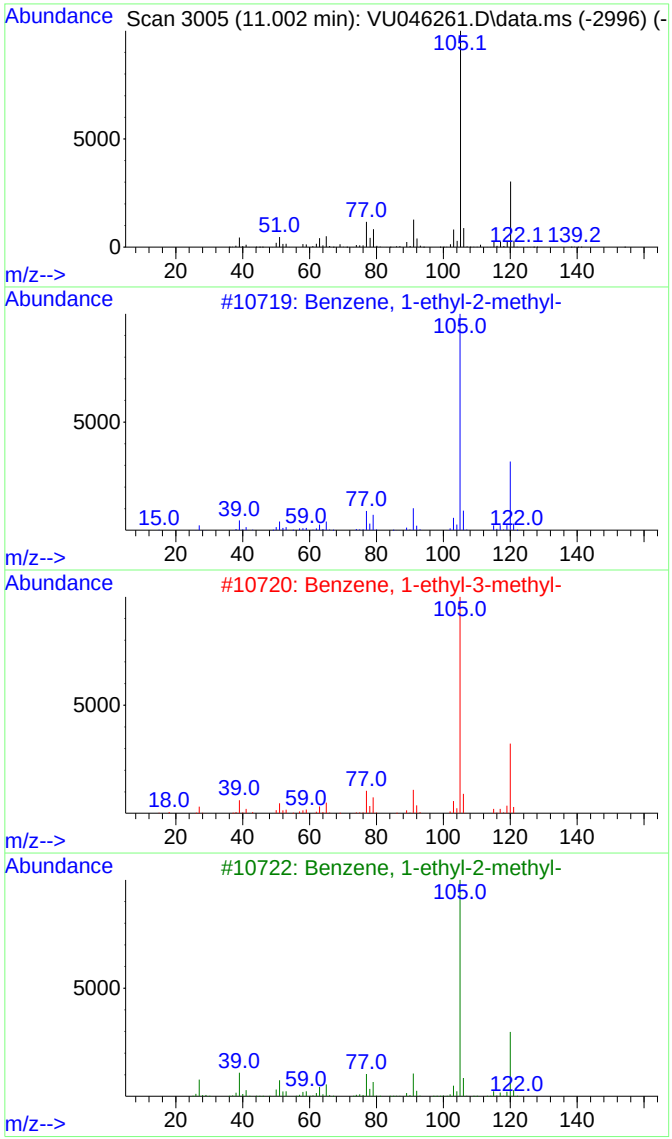
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

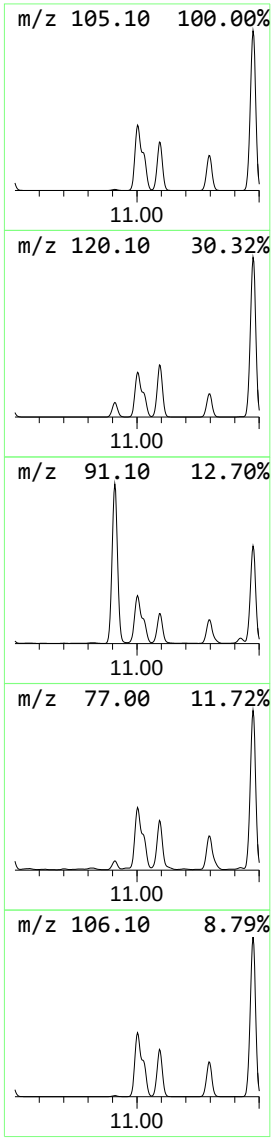
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.002	199.99 ug/L	8516350	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

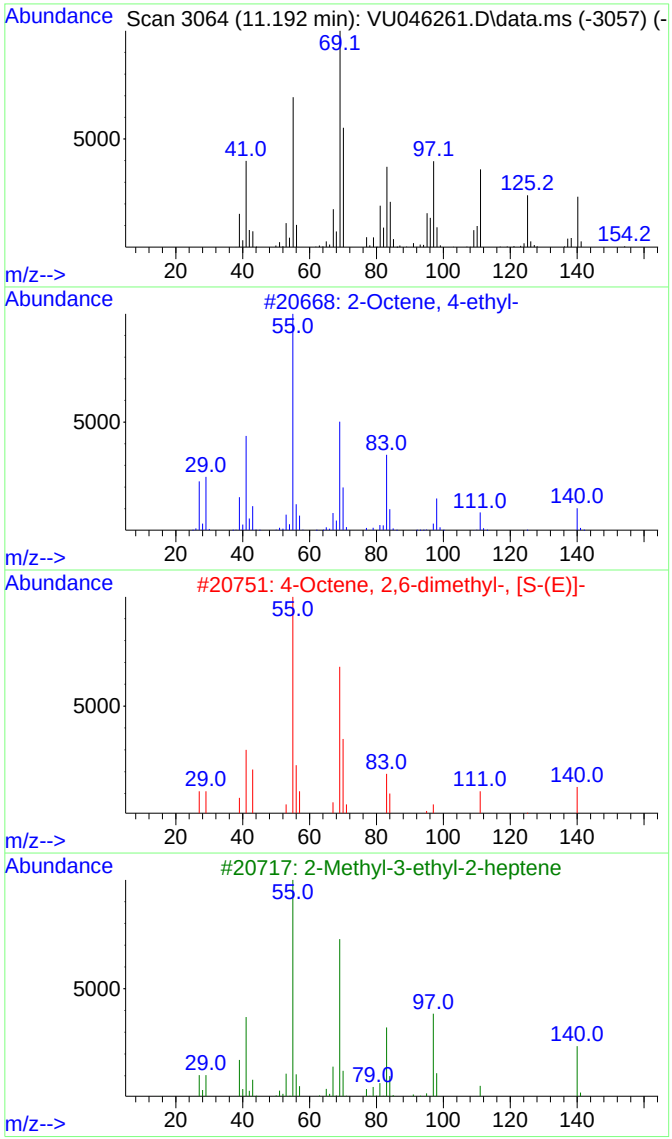
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

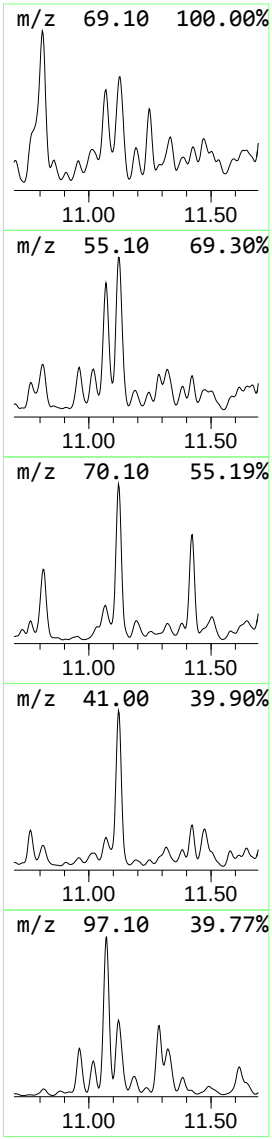
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.192	11.89 ug/L	506173	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 4-ethyl-	140	C10H20	053966-52-2	50
2	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	50
3	2-Methyl-3-ethyl-2-heptene	140	C10H20	019780-61-1	49
4	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	47
5	3-Ethyl-4-octene	140	C10H20	019781-32-9	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

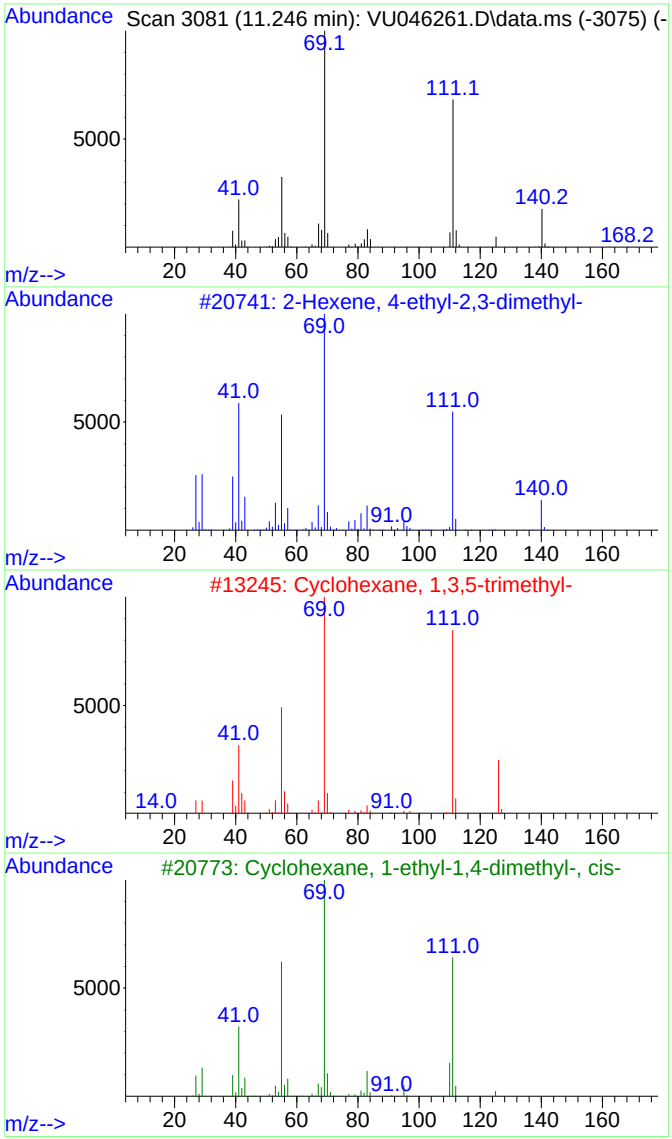
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

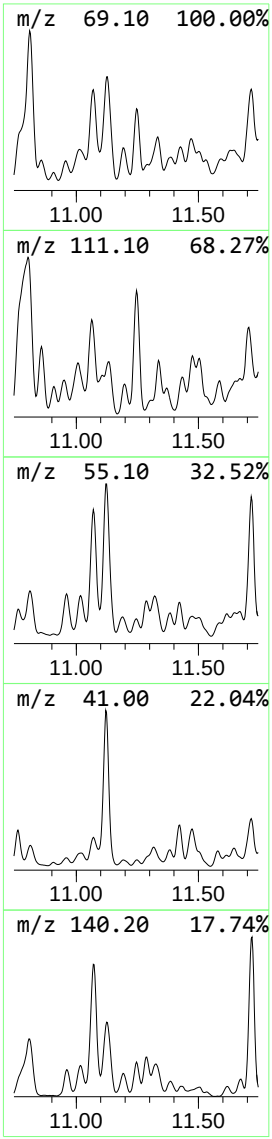
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.246	7.46 ug/L	317522	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	78
2	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
3	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-30-6	72
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	72
5	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

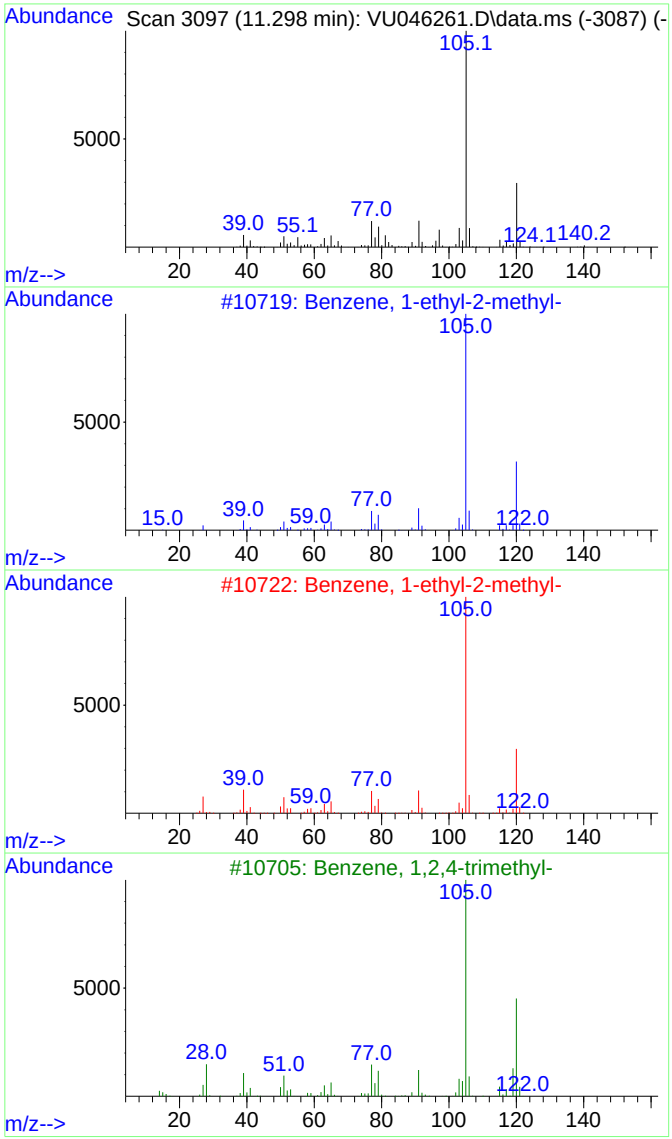
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

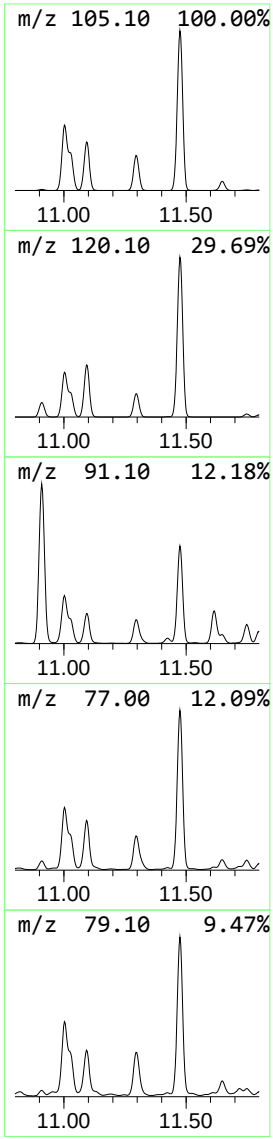
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, 1-ethyl-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.298	124.17 ug/L	5287960	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

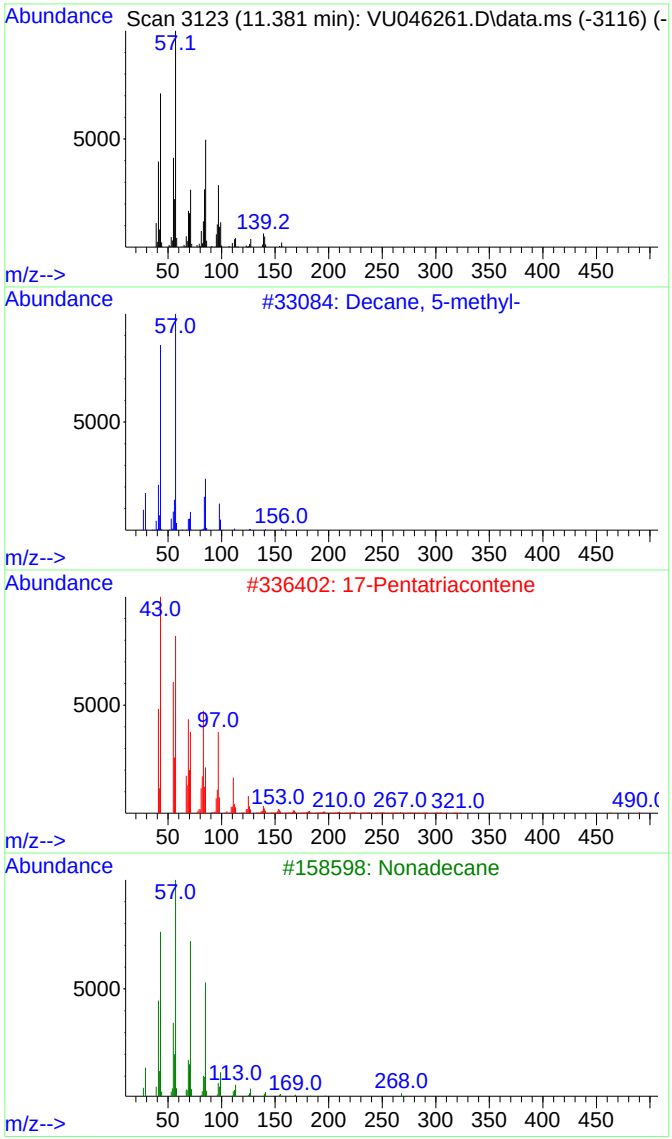
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

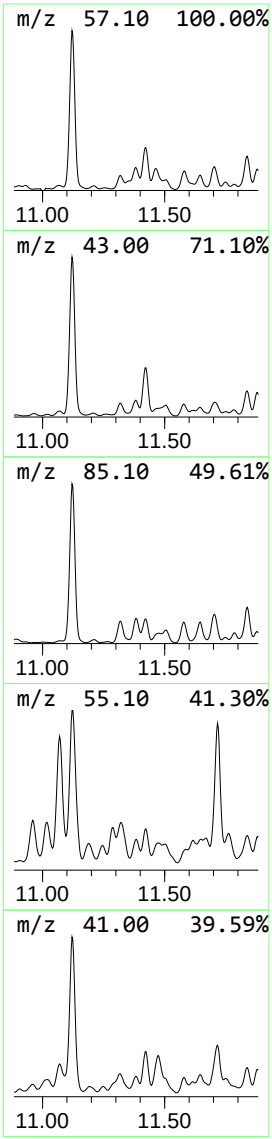
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.382	18.05 ug/L	768773	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	49
2	17-Pentatriacontene	491	C35H70	006971-40-0	47
3	Nonadecane	268	C19H40	000629-92-5	47
4	4,4-Dimethyl octane	142	C10H22	015869-95-1	47
5	Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

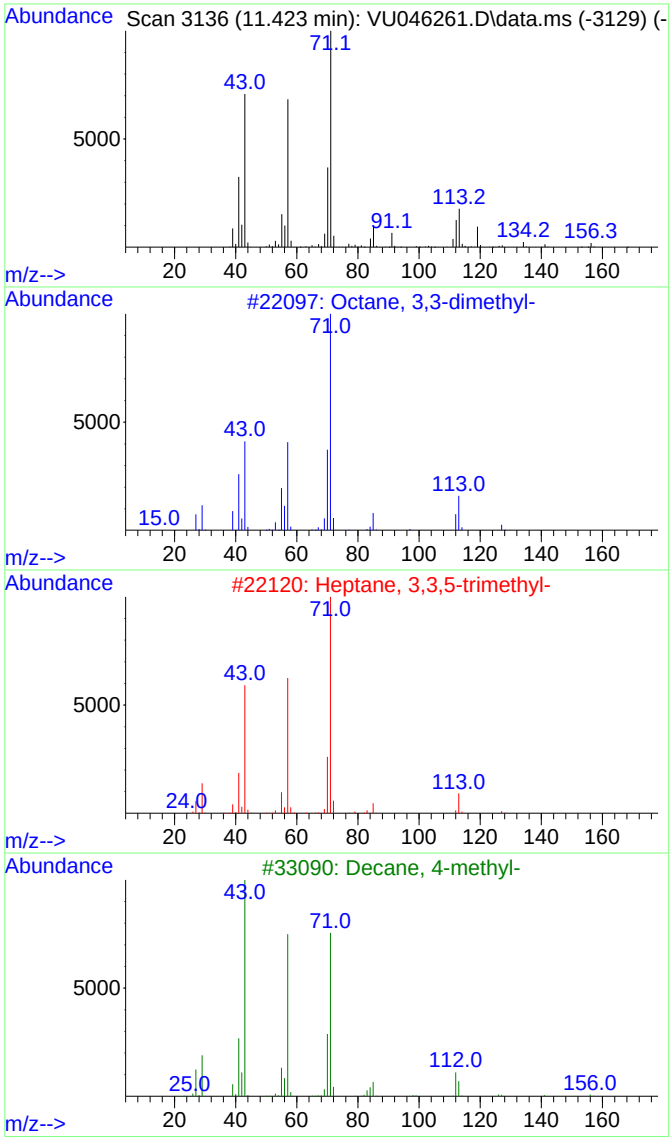
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

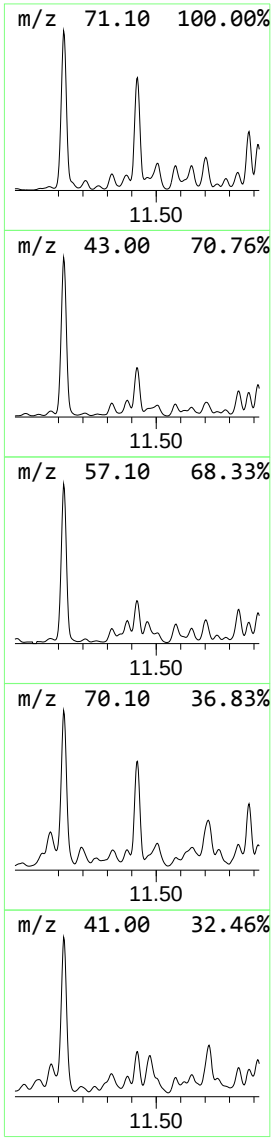
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.423	40.27 ug/L	1714900	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
2	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
3	Decane, 4-methyl-	156	C11H24	002847-72-5	64
4	4-Methyl-3-heptanol, pentafluoro...	276	C11H17F5O2	1000365-51-7	64
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

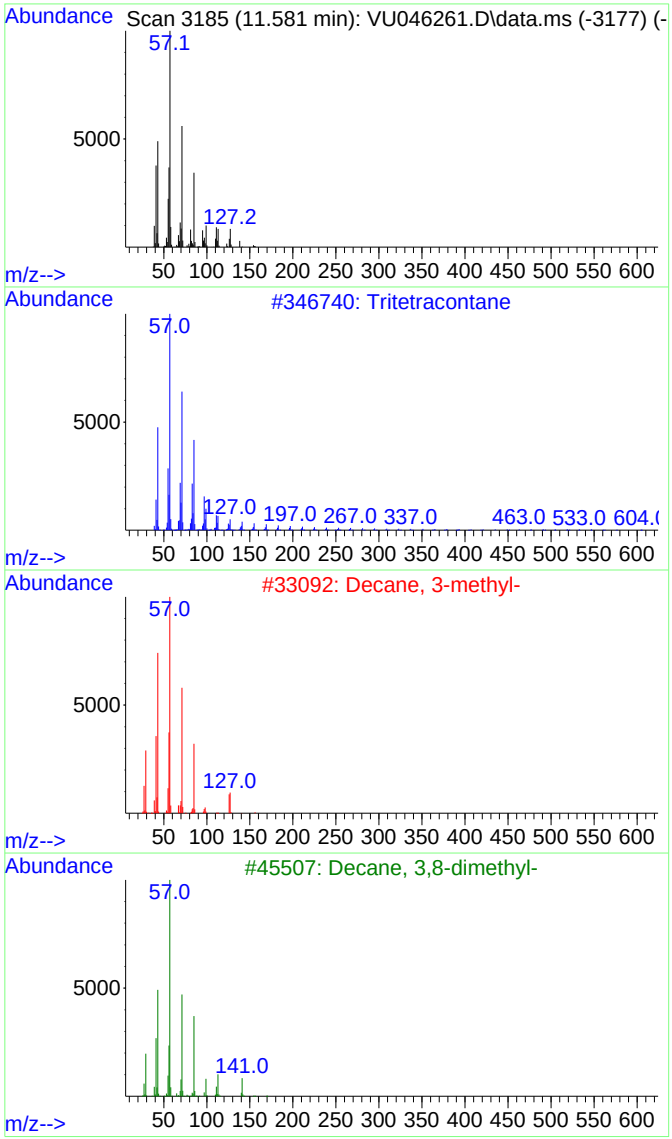
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

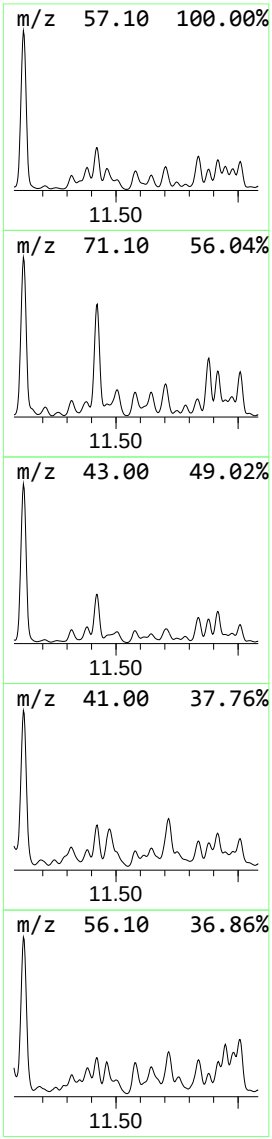
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.581	21.37 ug/L	910160	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	72
2	Decane, 3-methyl-	156	C11H24	013151-34-3	68
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
4	Heptadecane	240	C17H36	000629-78-7	64
5	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

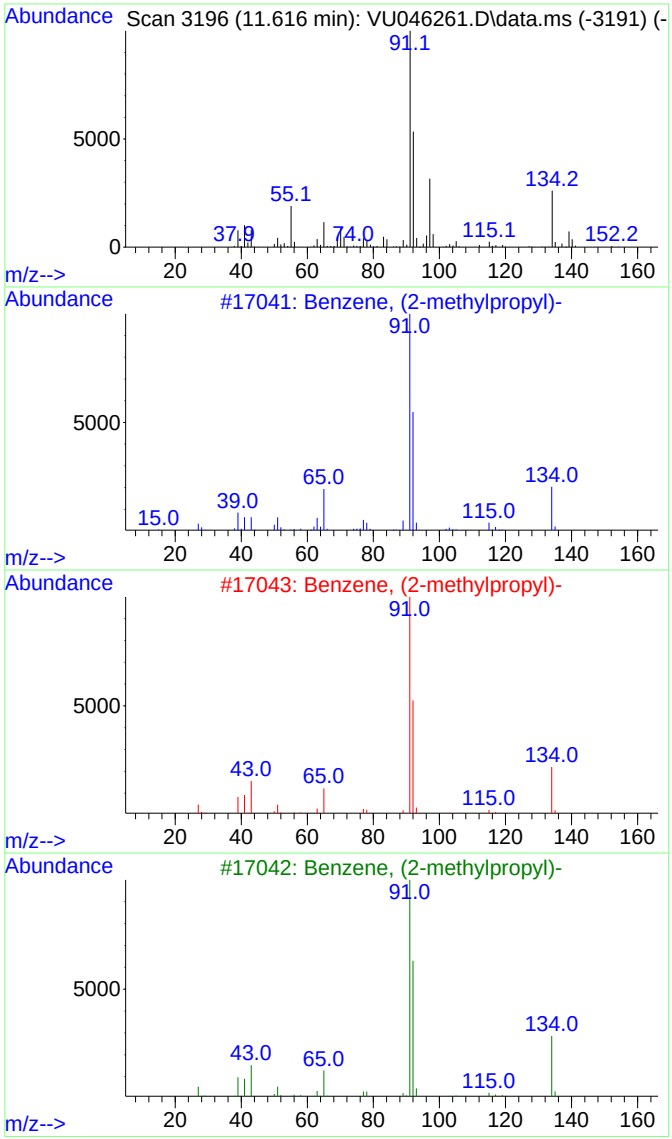
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

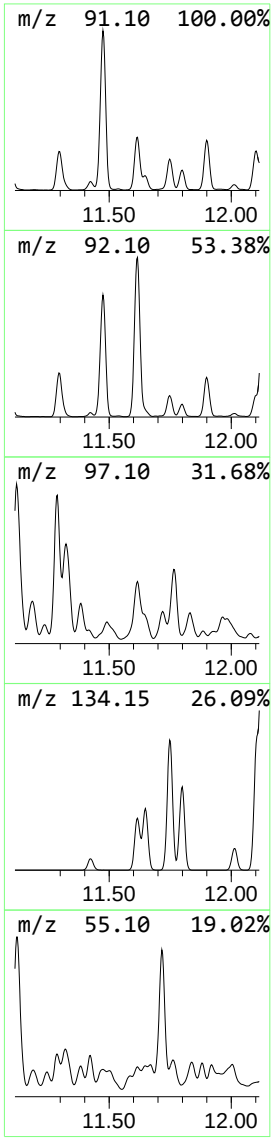
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Benzene, (2-methylpropyl)- Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.616	8.21 ug/L	349479	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	64
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	58
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	58
4	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	58
5	Benzene, n-butyl-	134	C10H14	000104-51-8	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

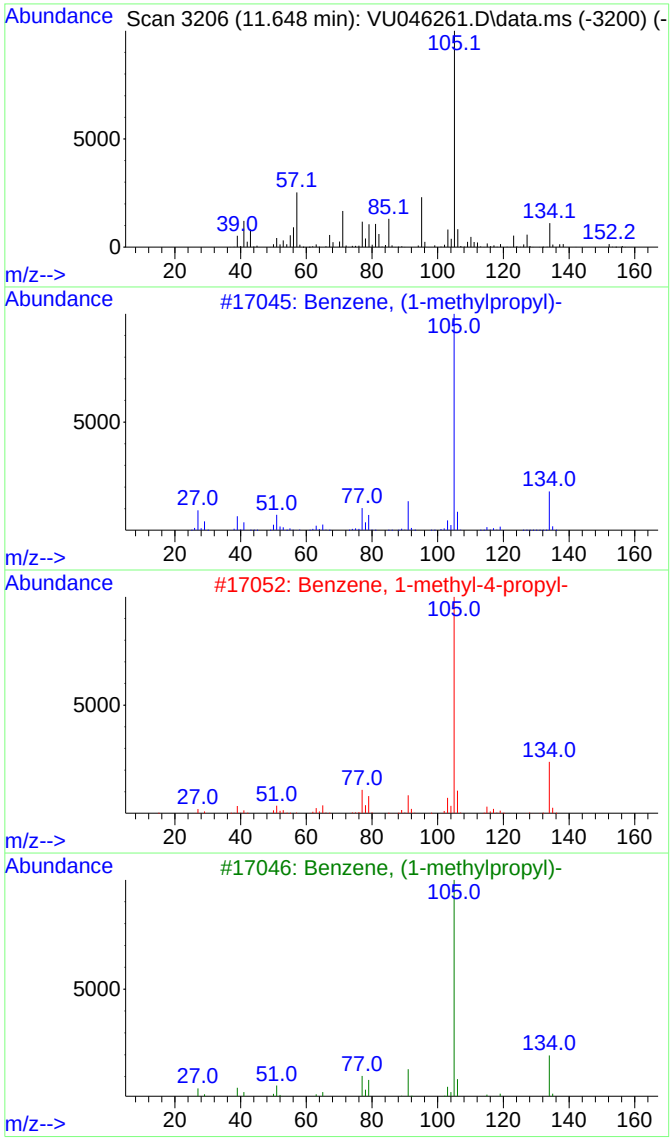
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

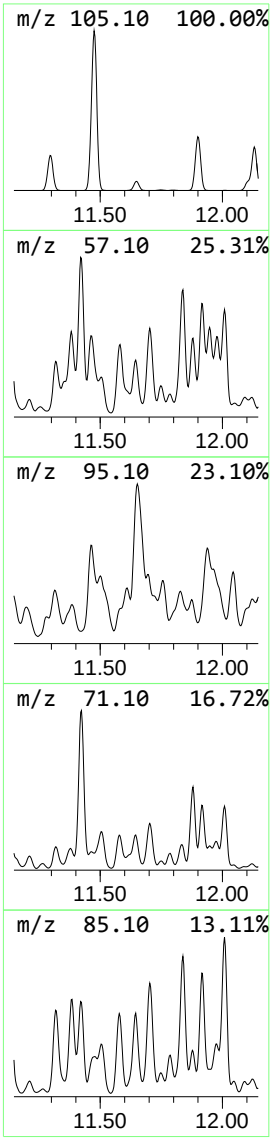
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Benzene, (1-methylpropyl)- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.648	32.16 ug/L	1369740	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	43
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	43
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	43
4	Benzeneacetaldehyde, 4-methyl-	134	C9H10O	000104-09-6	38
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

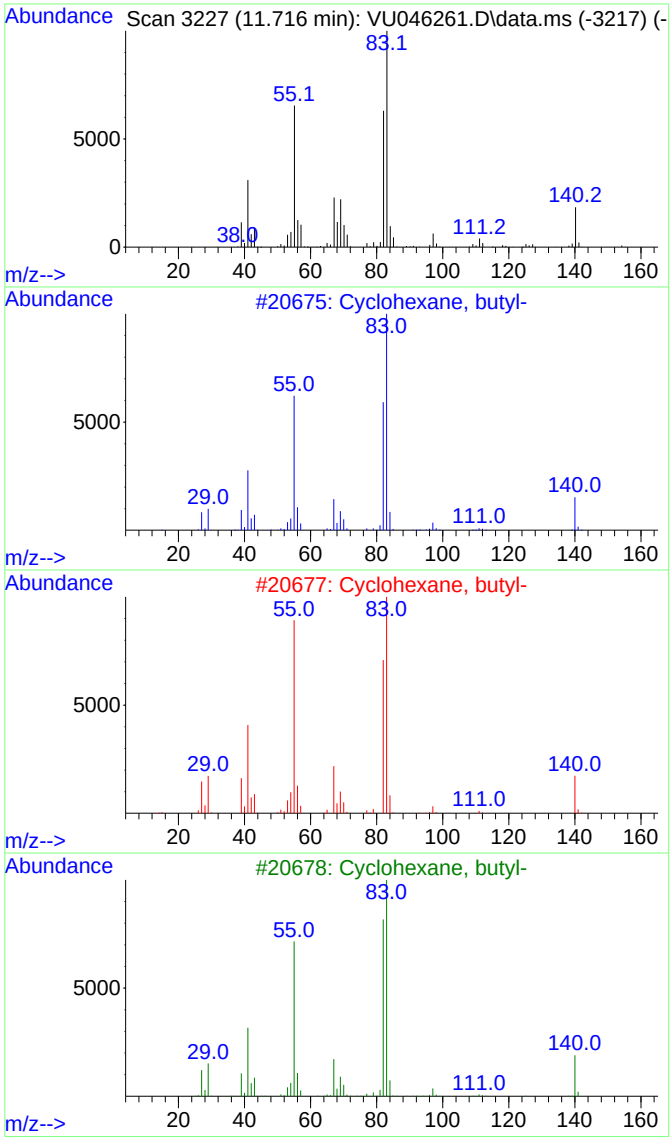
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

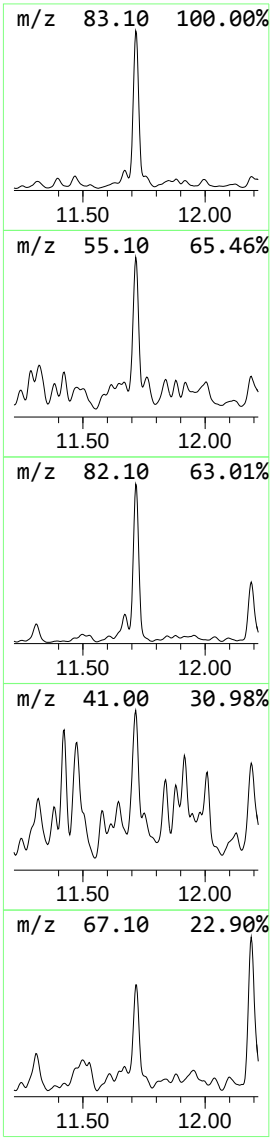
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Cyclic11.716 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.716	75.48 ug/L	3214220	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	74
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

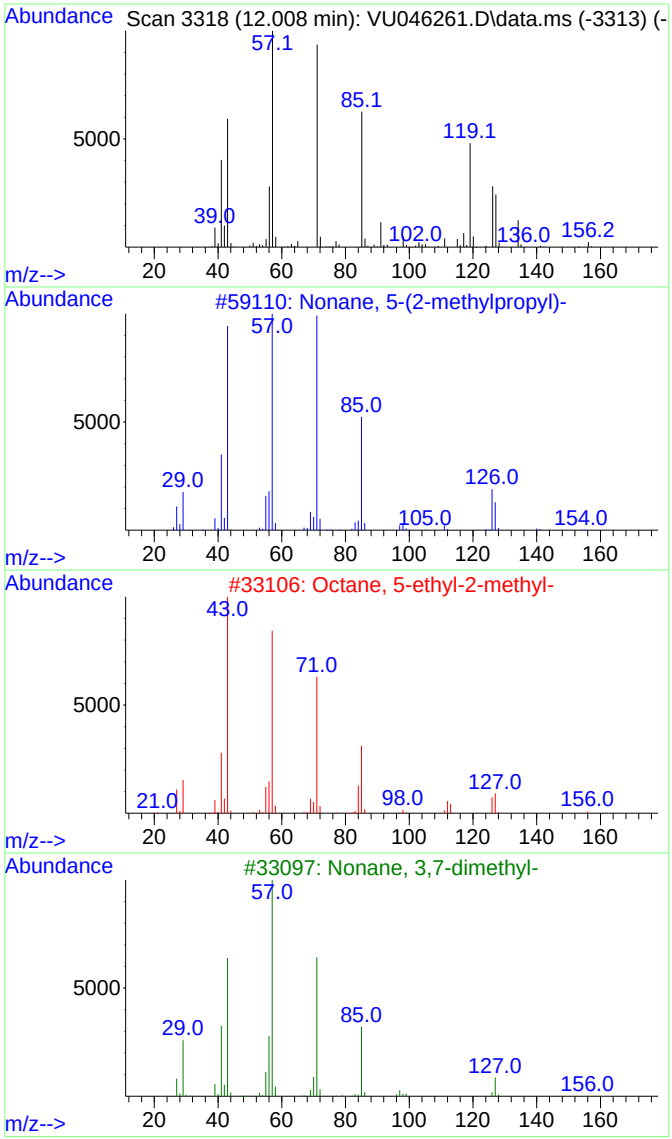
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

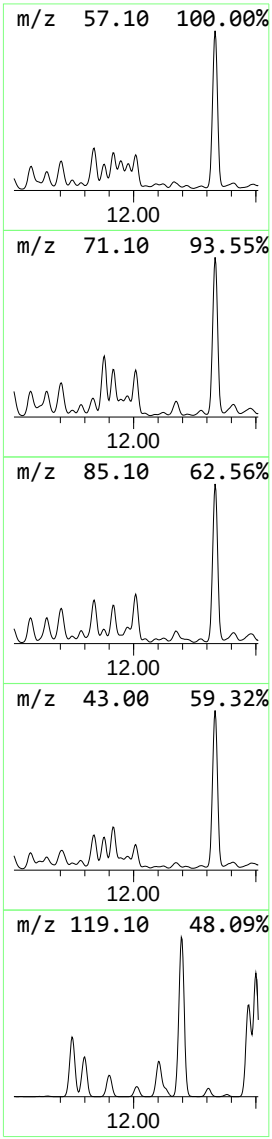
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.009	45.74 ug/L	1947790	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53
2	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	53
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	52
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	50
5	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

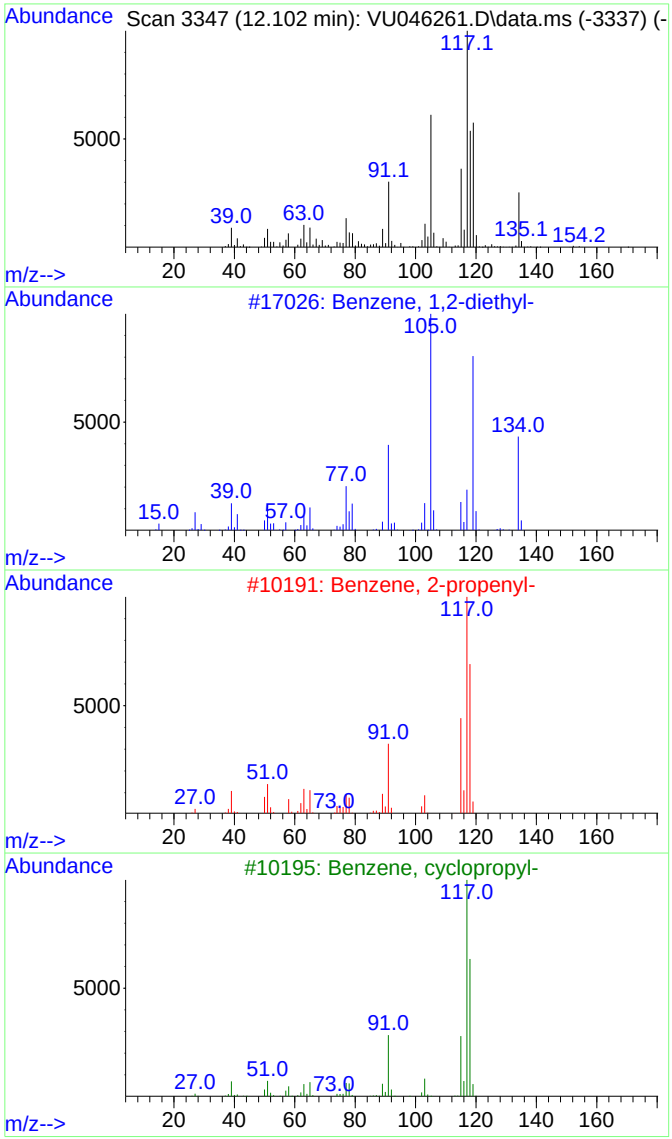
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

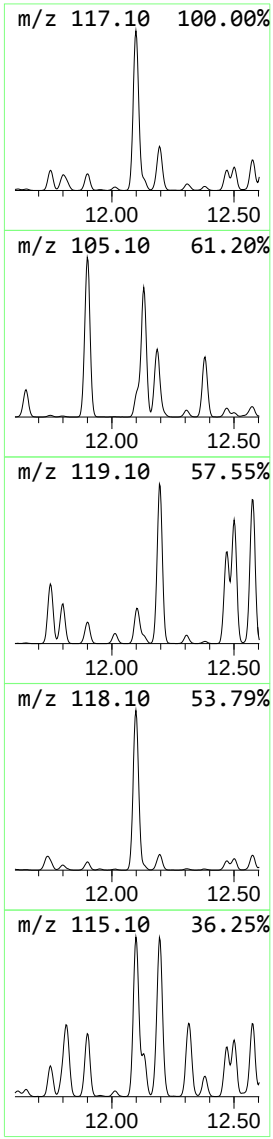
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Benzene, 1,2-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.102	73.18 ug/L	3116400	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	80
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	60
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

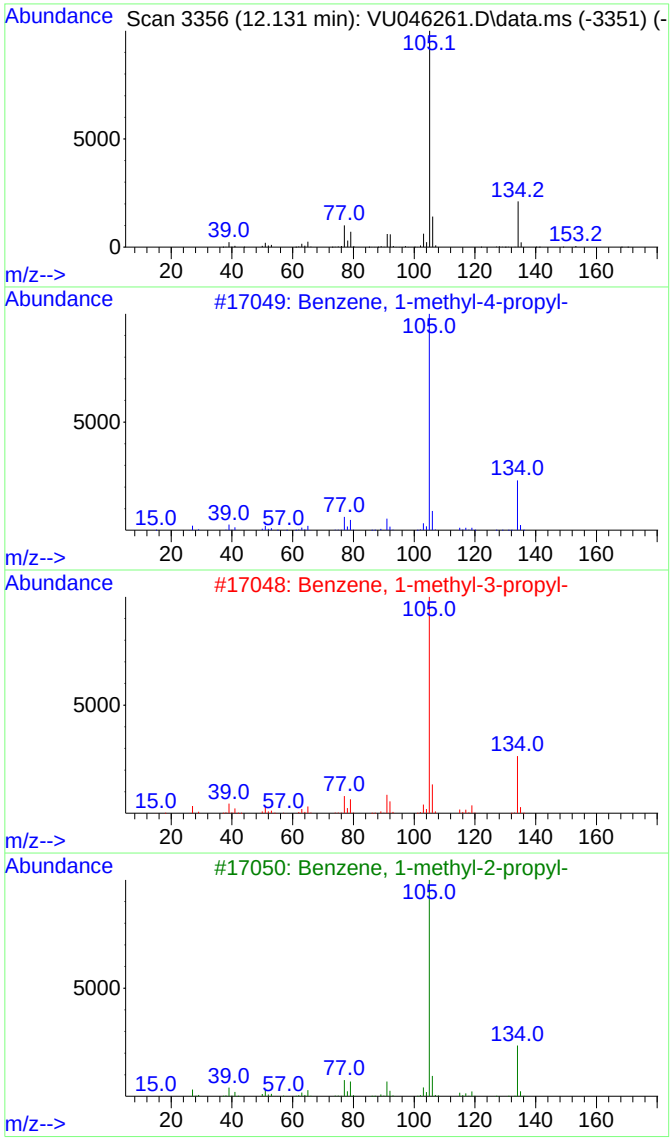
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

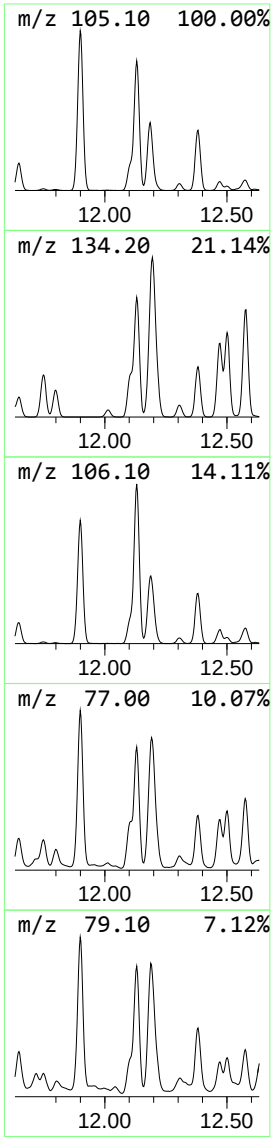
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 Benzene, 1-methyl-3-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.131	86.34 ug/L	3676990	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

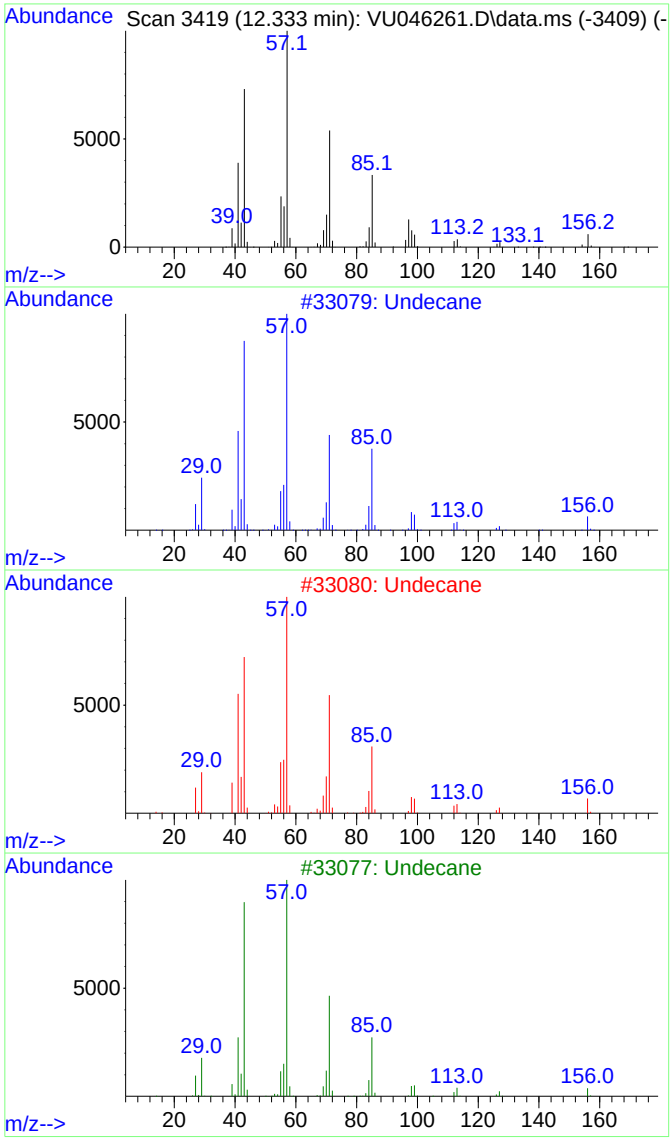
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

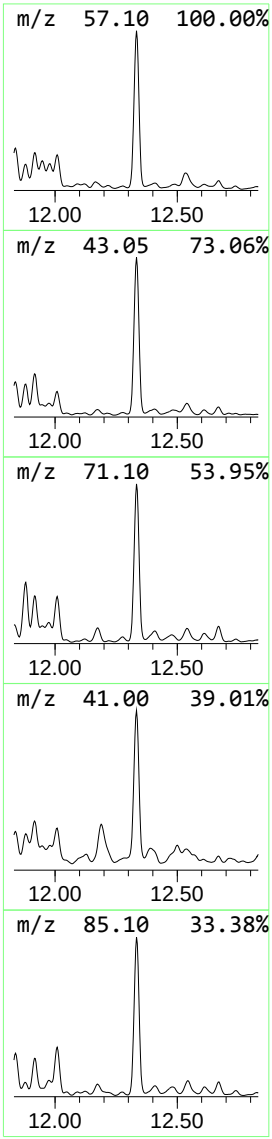
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.333	133.65 ug/L	5691630	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Undecane	156	C11H24	001120-21-4	94
3	Undecane	156	C11H24	001120-21-4	91
4	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	91
5	Undecane	156	C11H24	001120-21-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

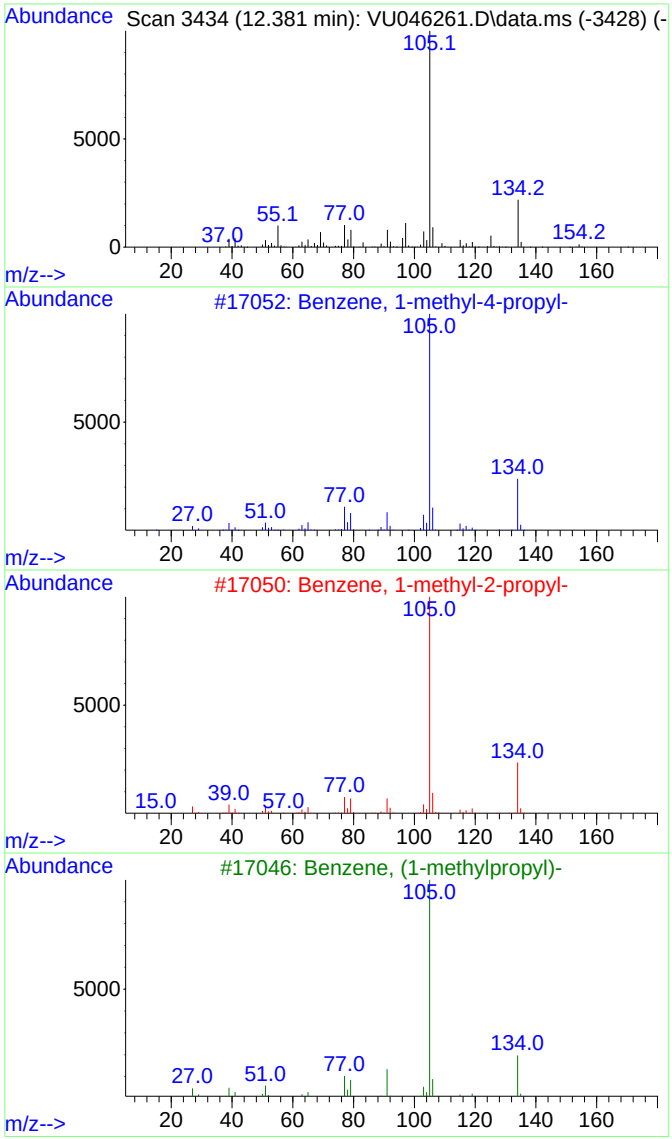
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

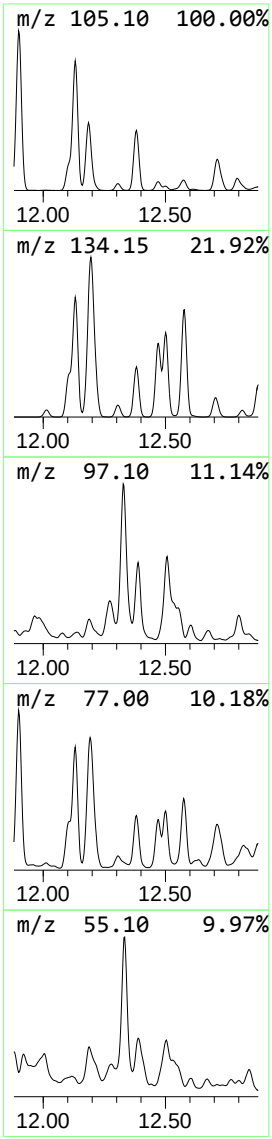
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Benzene, 1-methyl-4-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.381	66.46 ug/L	2830080	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	93
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	76
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	76
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	76





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Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

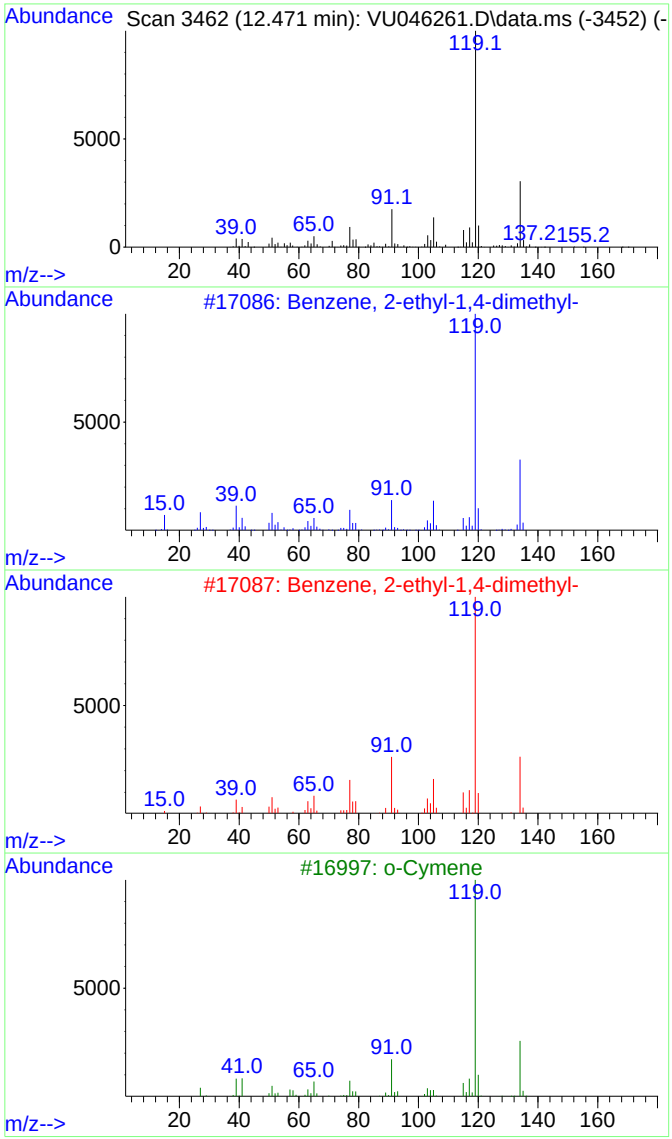
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

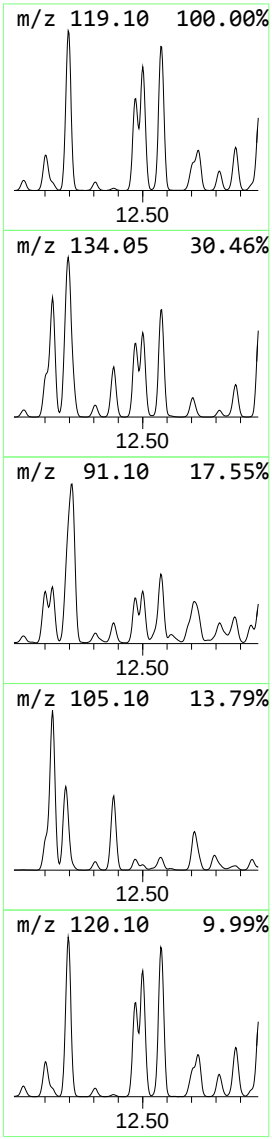
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.472	53.41 ug/L	2274440	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





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Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

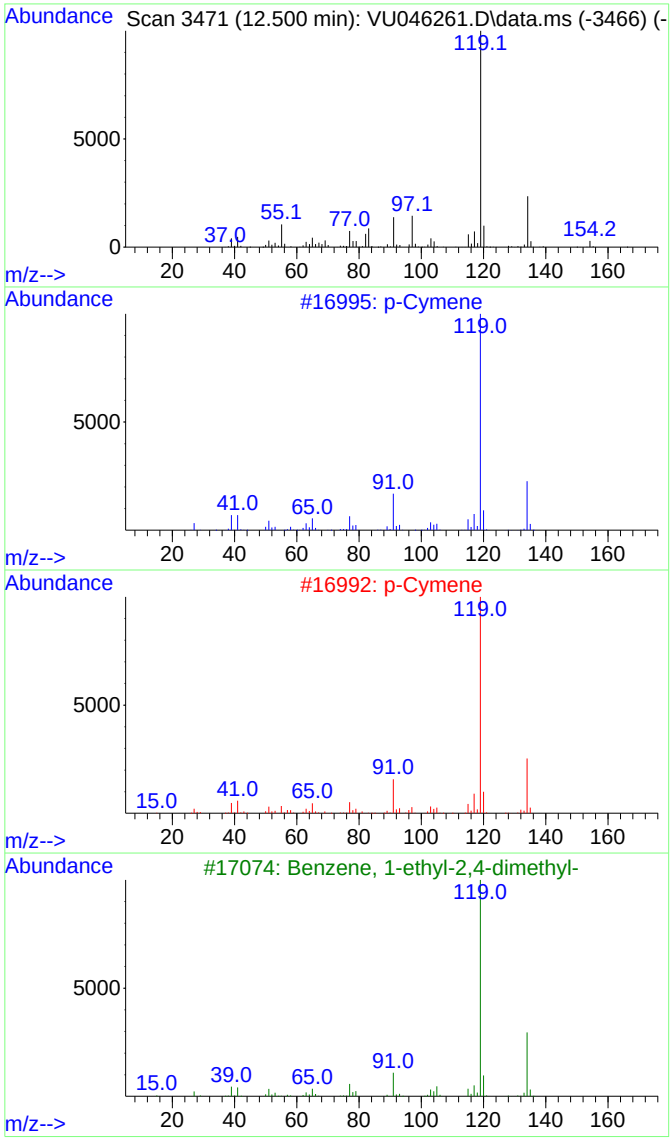
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

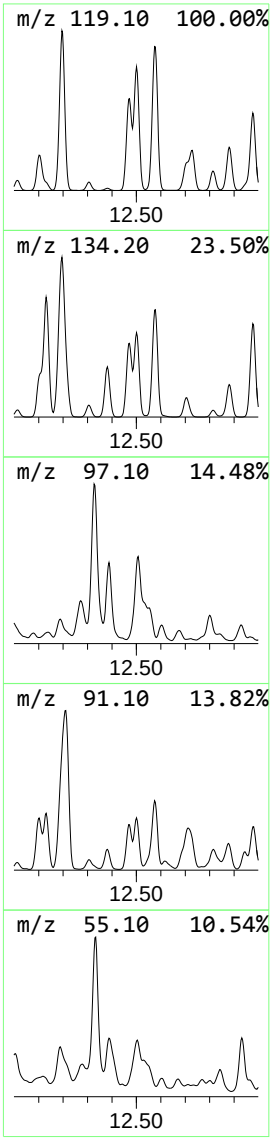
****

Peak Number 44 p-Cymene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.500	47.57 ug/L	2025670	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	93
2	p-Cymene	134	C10H14	000099-87-6	93
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
4	o-Cymene	134	C10H14	000527-84-4	93
5	o-Cymene	134	C10H14	000527-84-4	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

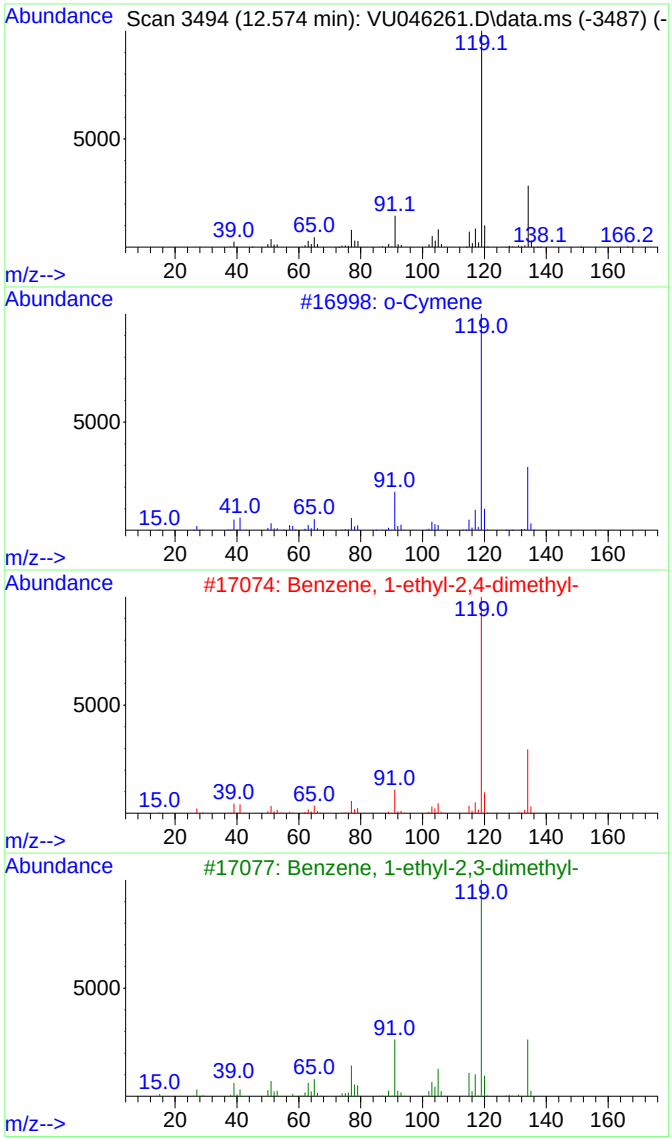
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

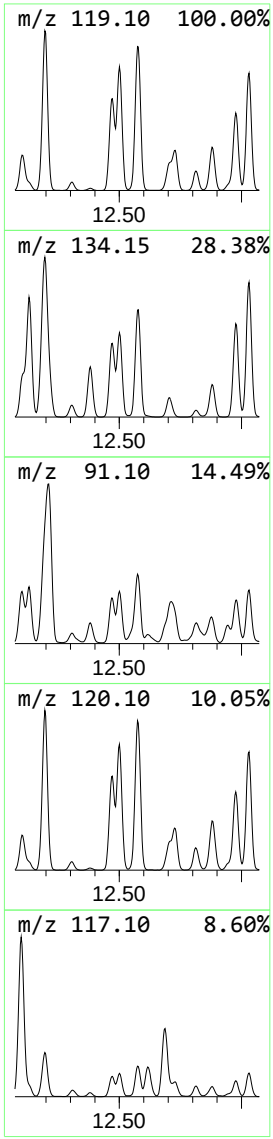
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.574	59.52 ug/L	2534870	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

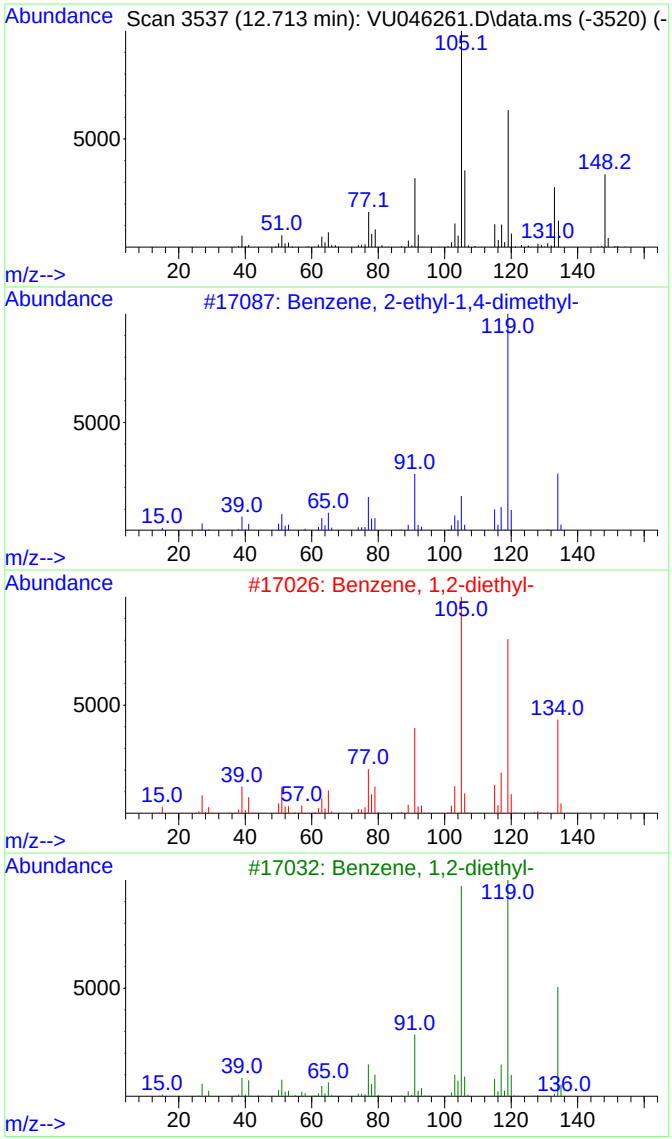
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

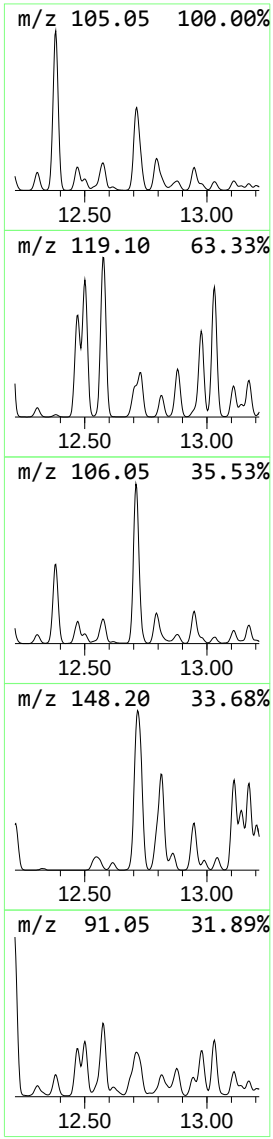
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.713	69.19 ug/L	2946550	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	55
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	49
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	49
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	49
5	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

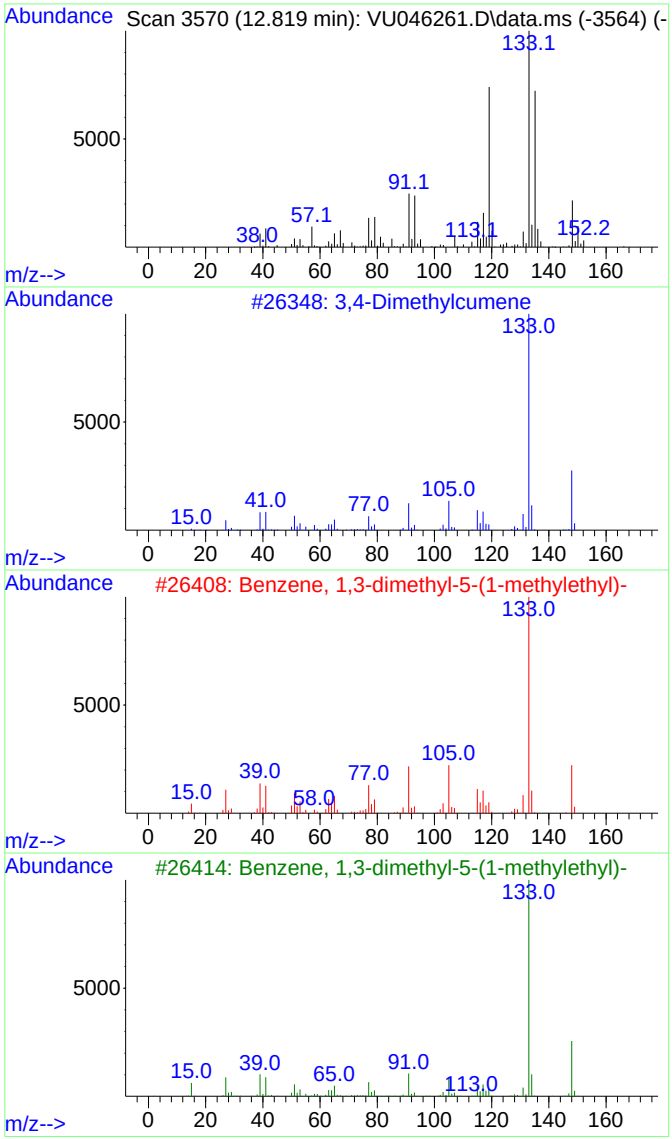
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

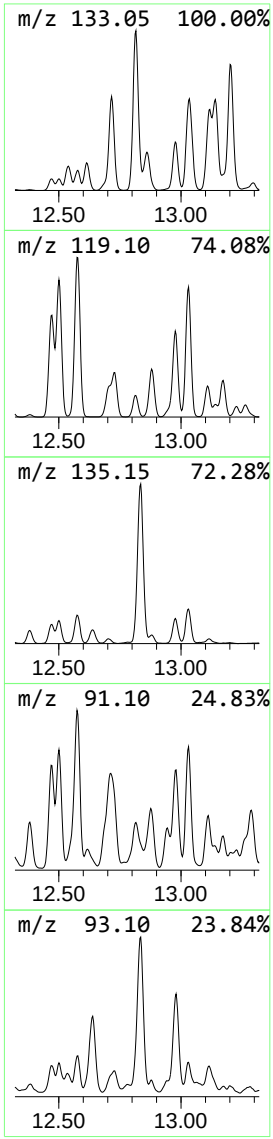
****

Peak Number 47 unknown-02 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.819	8.74 ug/L	372060	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylcumene	148	C11H16	1000370-34-1	46
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	41
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	41
4	2-tert-Butyltoluene	148	C11H16	001074-92-6	38
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

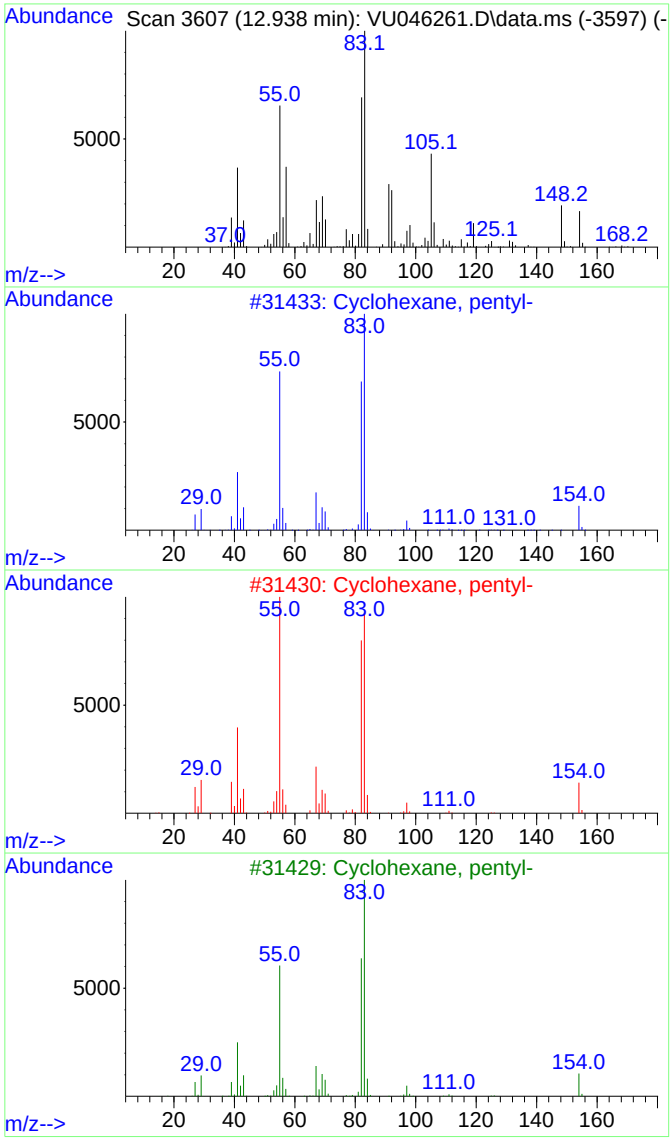
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

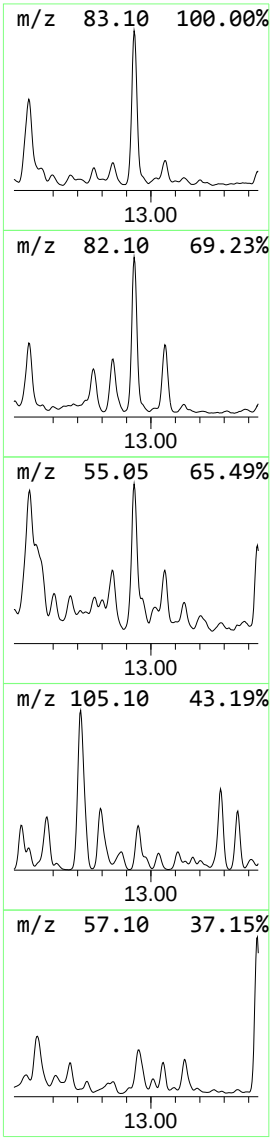
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Cyclic12.938 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.938	31.32 ug/L	1333580	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	64
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
4	Succinic acid, 3-methylbut-2-yl ...	270	C15H26O4	1000391-11-1	50
5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

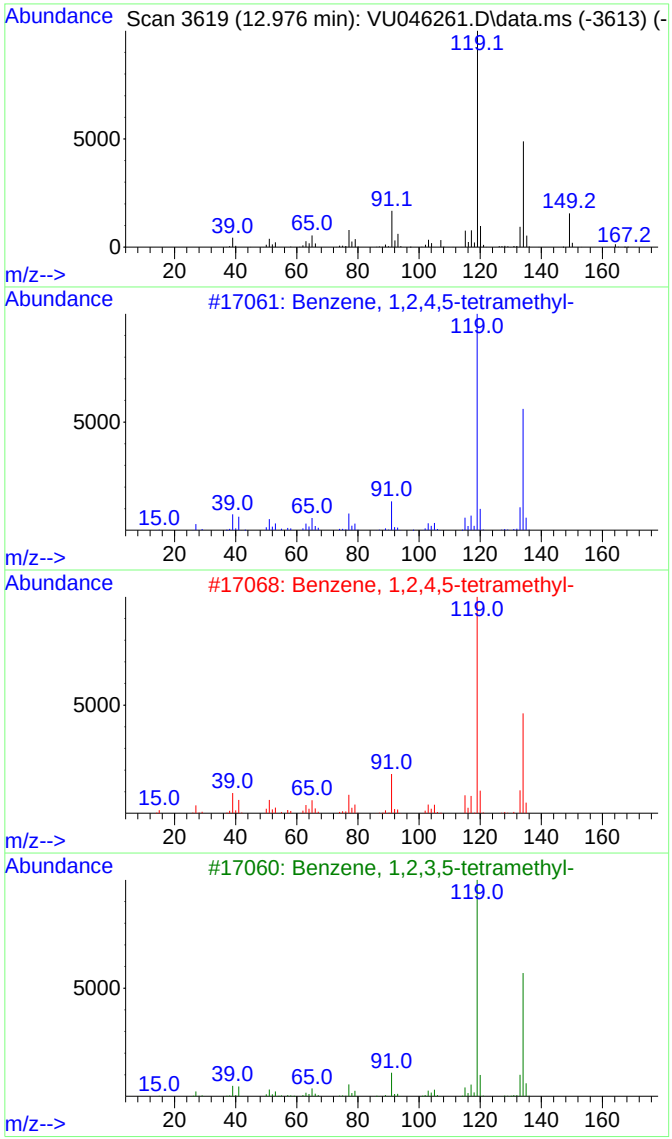
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

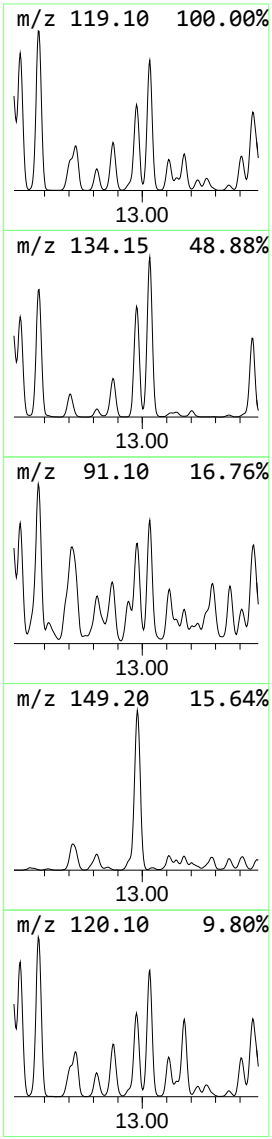
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.976	44.00 ug/L	1873750	1,4-Dichlorobenzene-d4	11.816

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

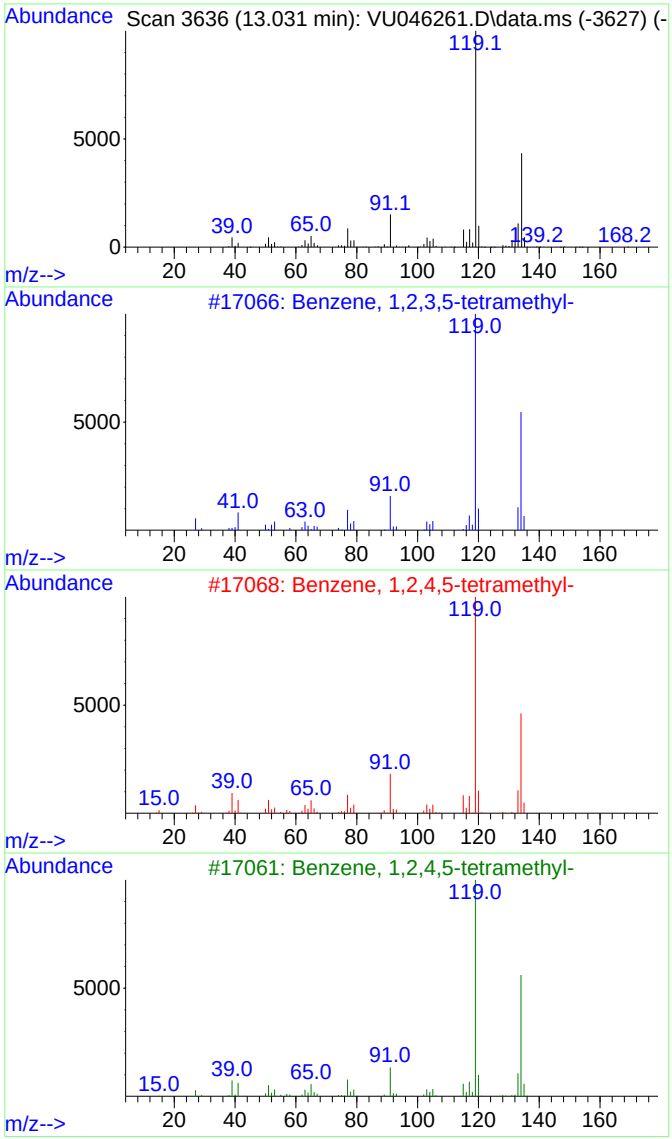
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

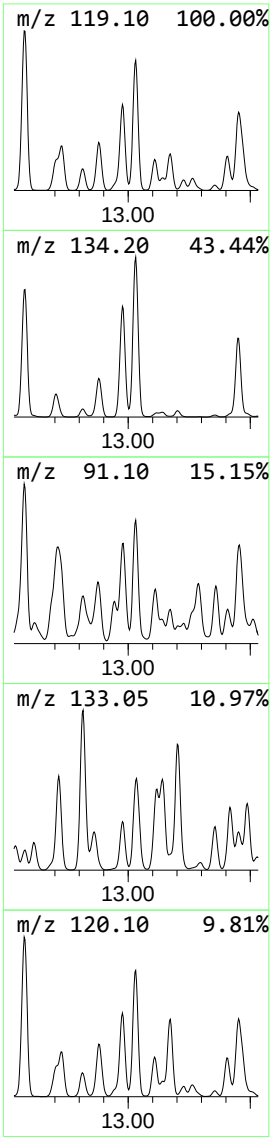
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.031	87.88 ug/L	3742490	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

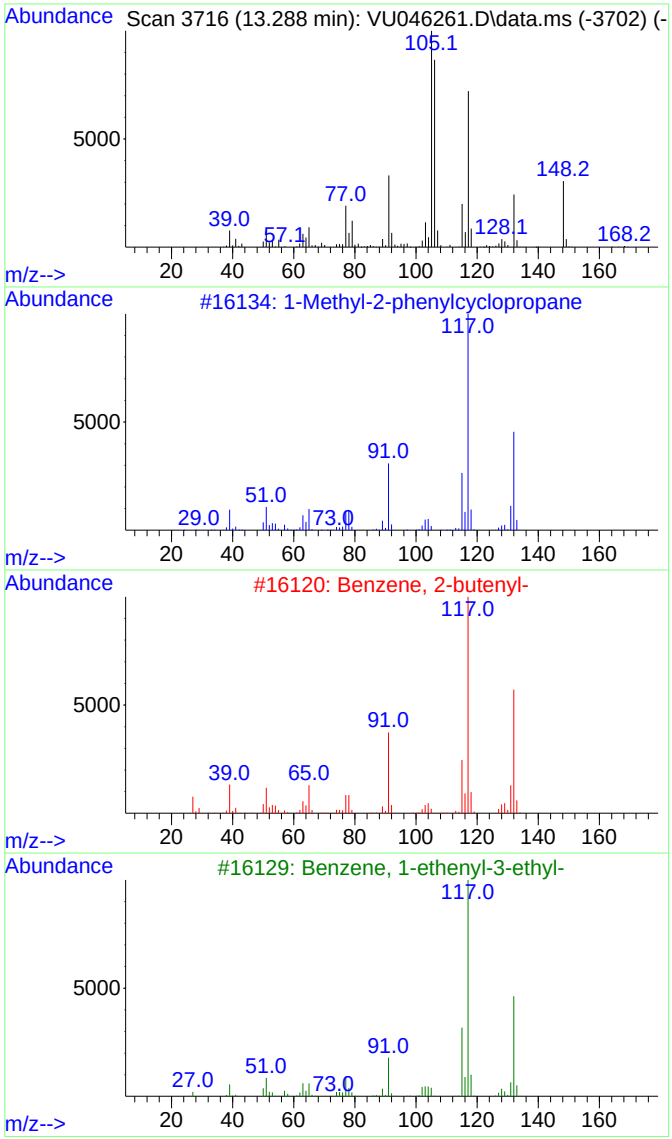
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

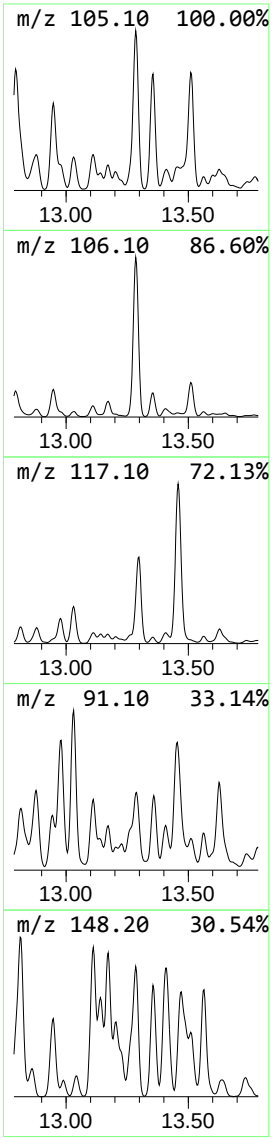
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 1-Methyl-2-phenylcyclopropane Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.288	34.84 ug/L	1483780	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	70
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	38
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	38
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	38
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

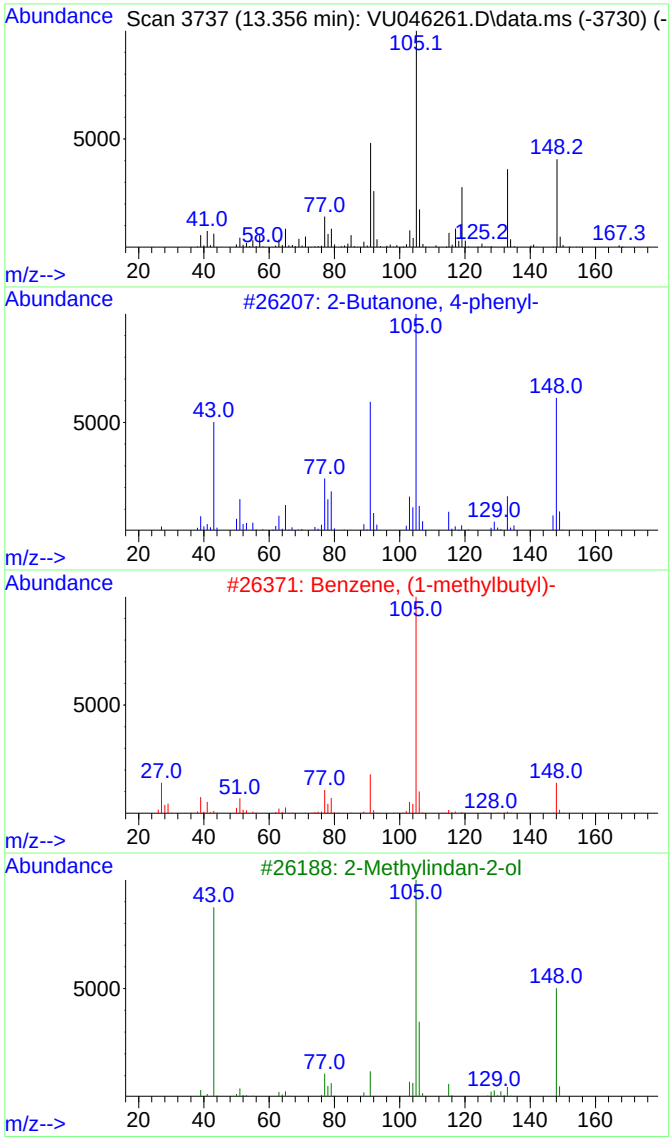
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

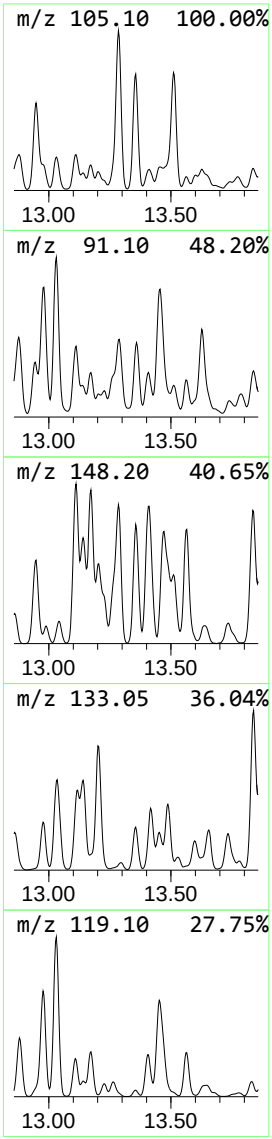
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 2-Butanone, 4-phenyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.356	12.00 ug/L	510990	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	47
2	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	43
3	2-Methylindan-2-ol	148	C10H12O	033223-84-6	38
4	Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	38
5	2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	38





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Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

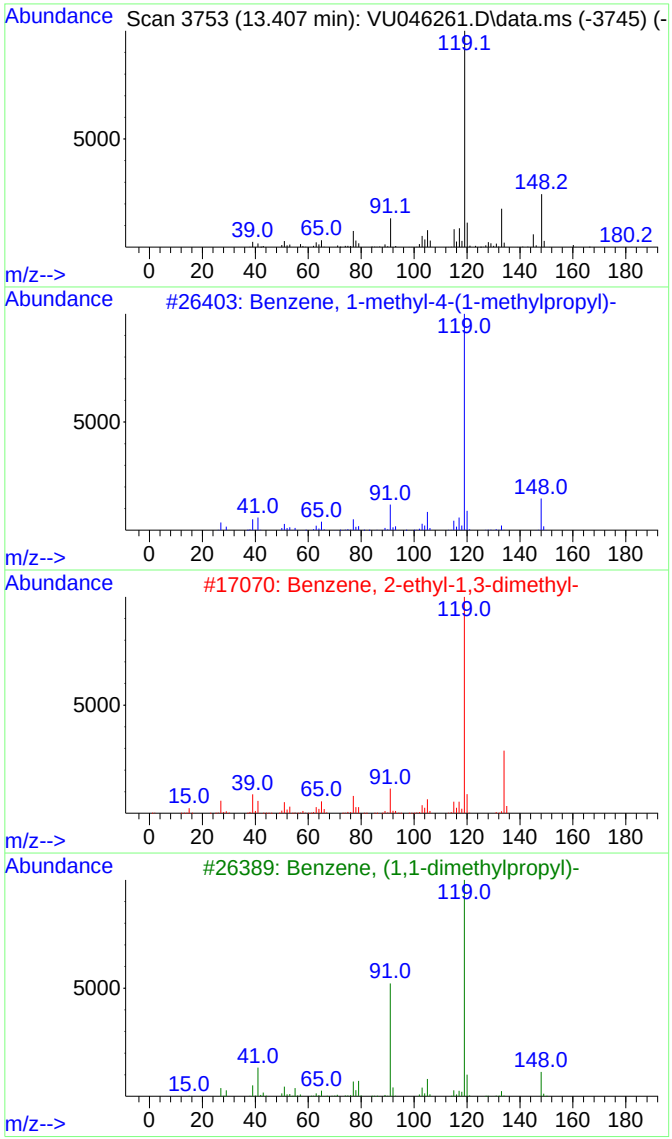
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

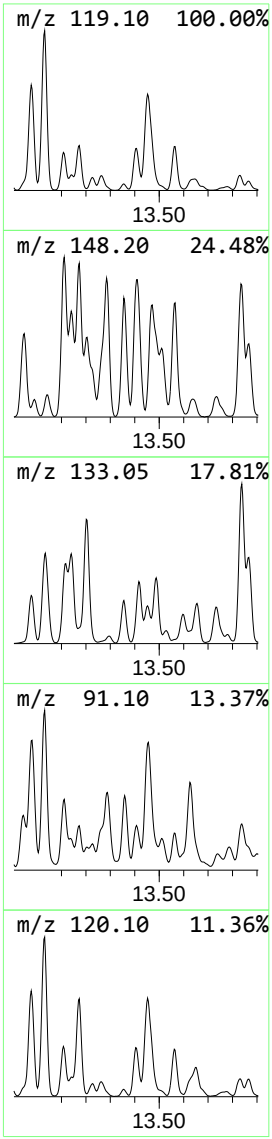
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 Benzene, 1-methyl-4-(1-meth... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.407	11.51 ug/L	489948	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	90
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76
3	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	72
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	68
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

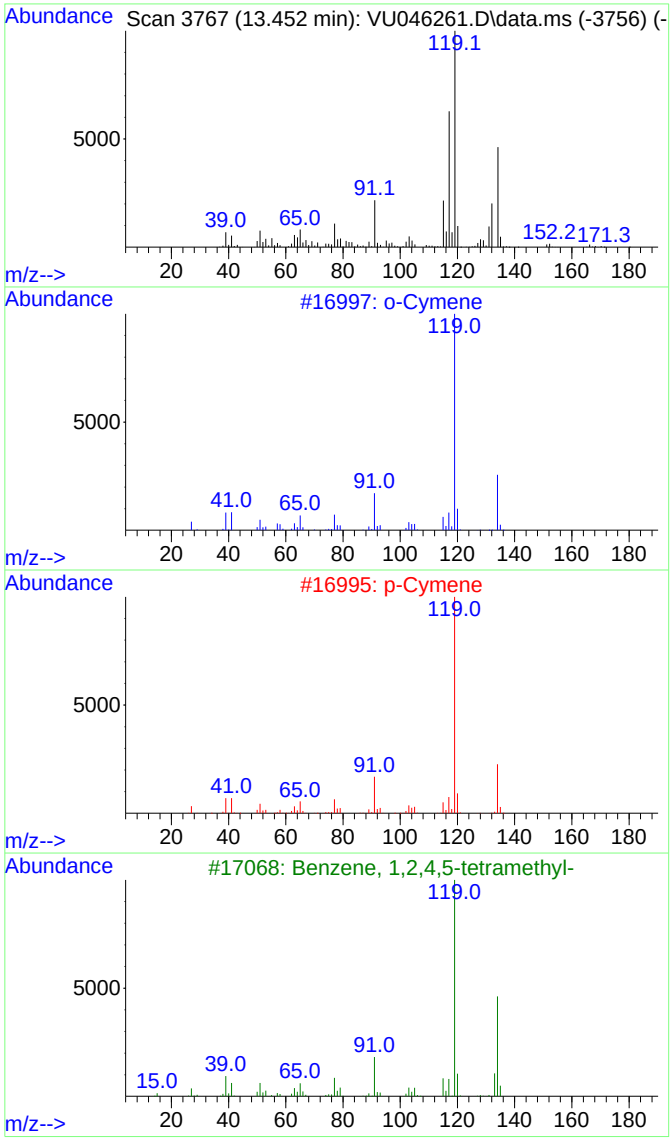
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

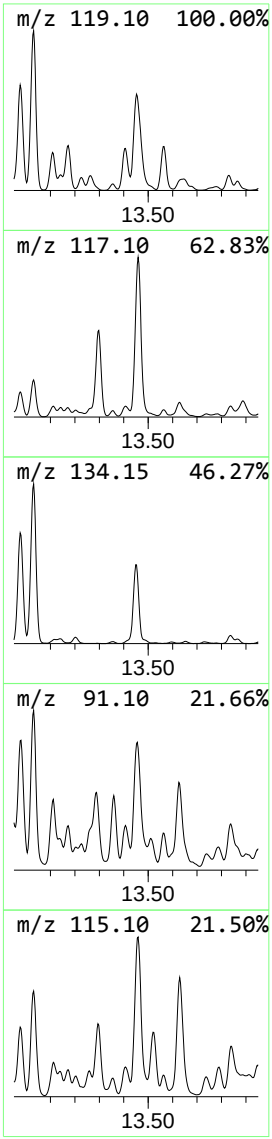
****

Peak Number 56 o-Cymene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.452	99.19 ug/L	4224120	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	60
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	60
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60





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Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

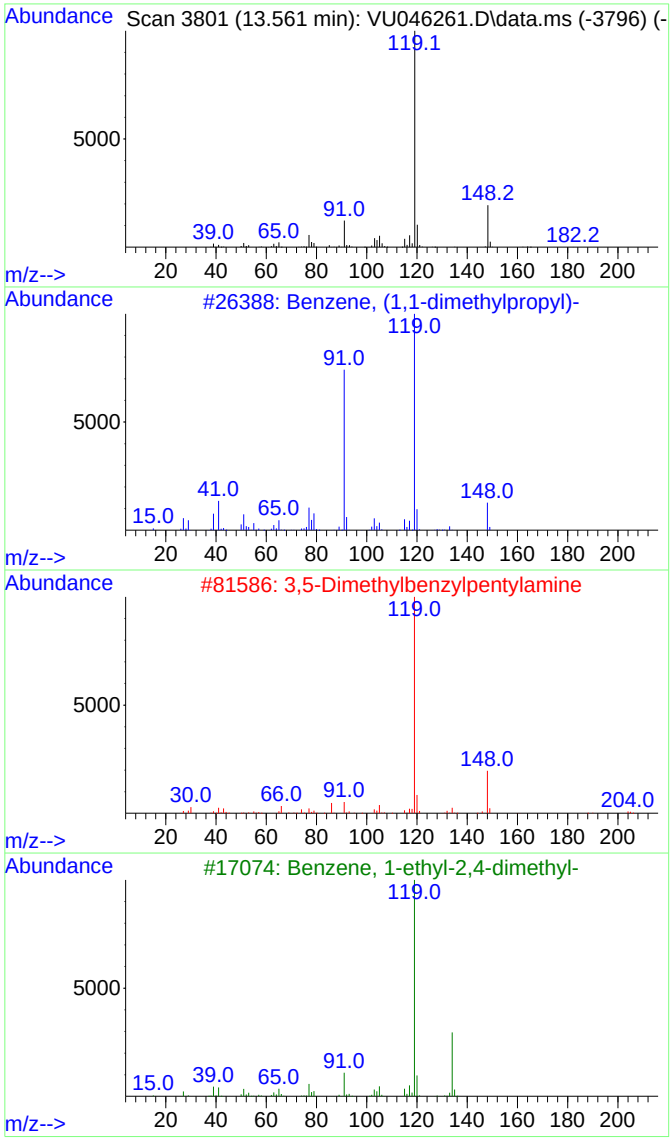
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

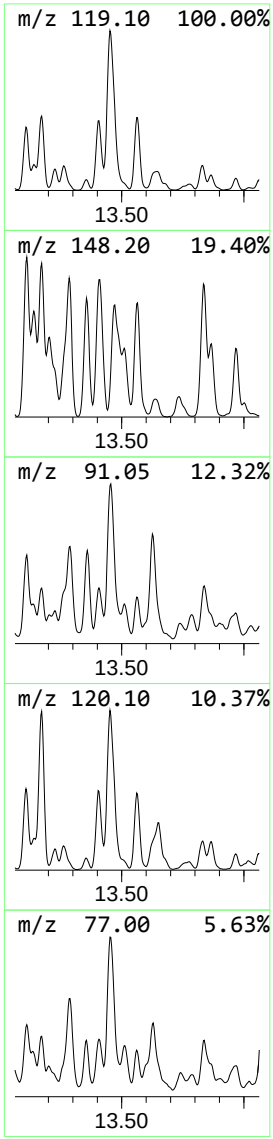
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 Benzene, (1,1-dimethylpropyl)- Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.562	7.12 ug/L	303251	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	83
2	3,5-Dimethylbenzylpentylamine	205	C14H23N	1000491-60-8	78
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	72
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	64
5	2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

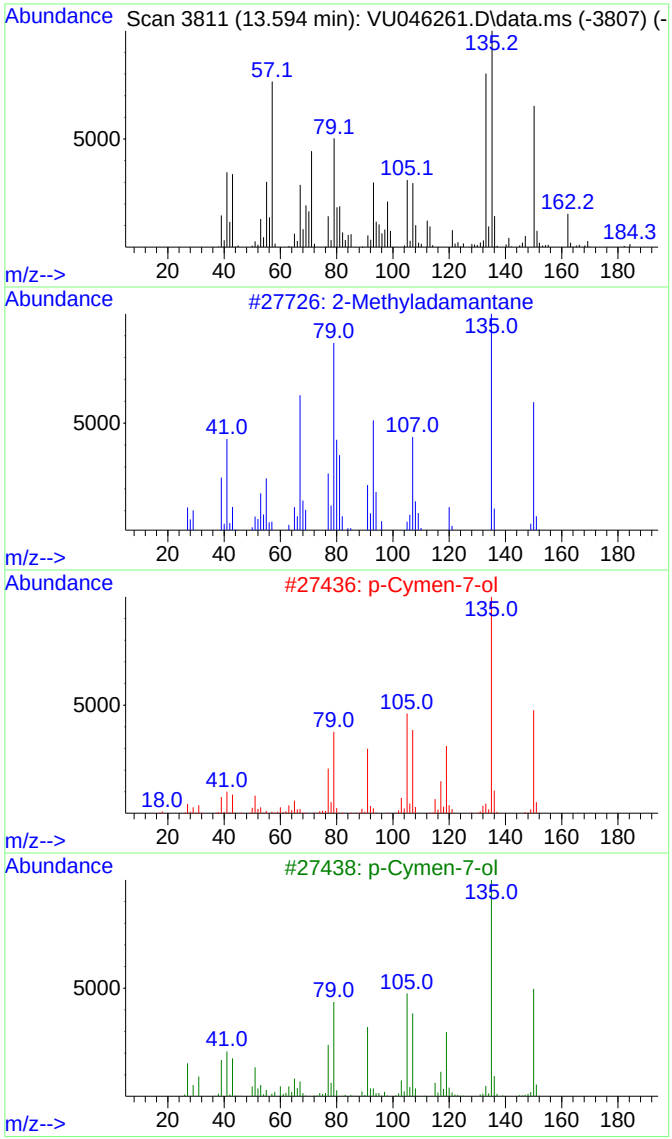
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

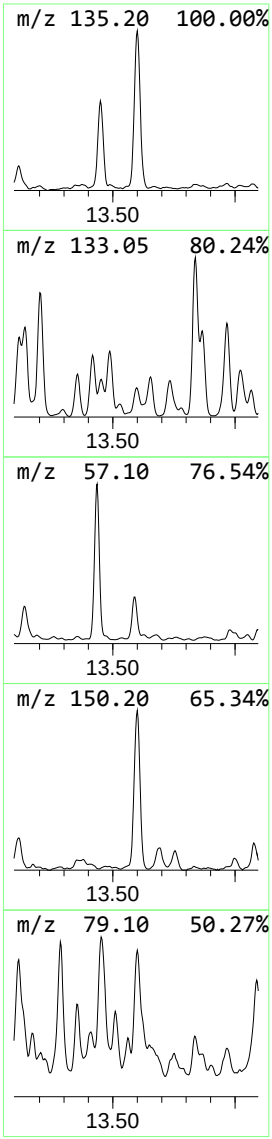
****

Peak Number 58 2-Methyladamantane Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.594	7.53 ug/L	320529	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyladamantane	150	C11H18	000700-56-1	70
2	p-Cymen-7-ol	150	C10H14O	000536-60-7	49
3	p-Cymen-7-ol	150	C10H14O	000536-60-7	46
4	Cyclohexanone, 2-(2-butynyl)-	150	C10H14O	054166-48-2	46
5	3,9-Epoxy-p-mentha-1,8(10)-diene	150	C10H14O	1000111-14-8	43





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Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

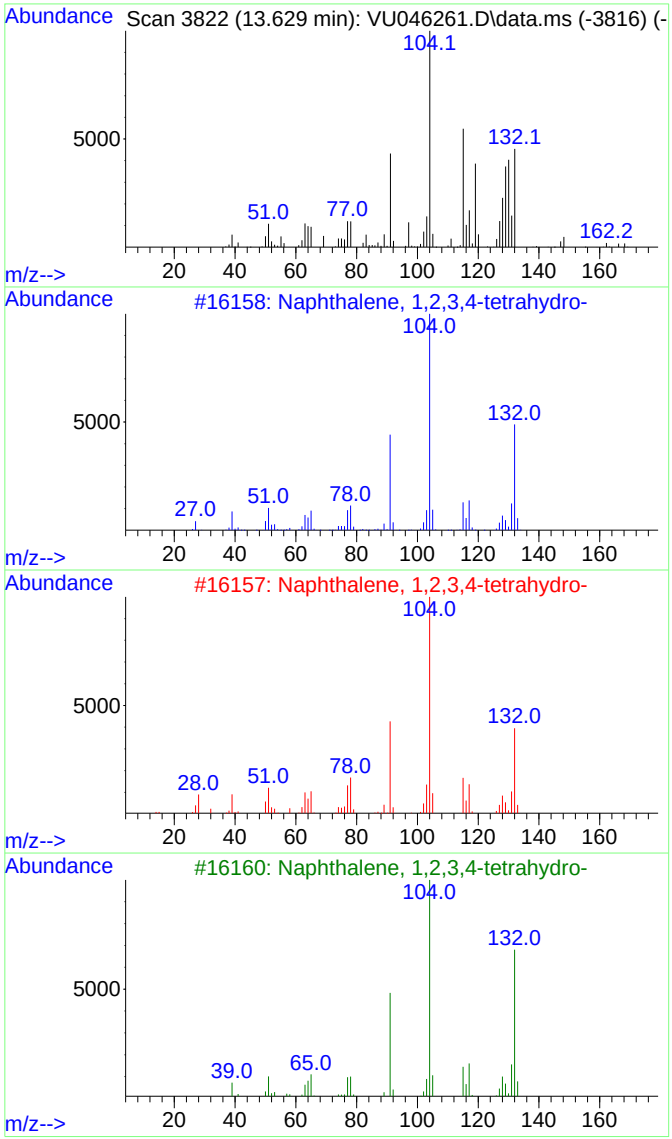
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

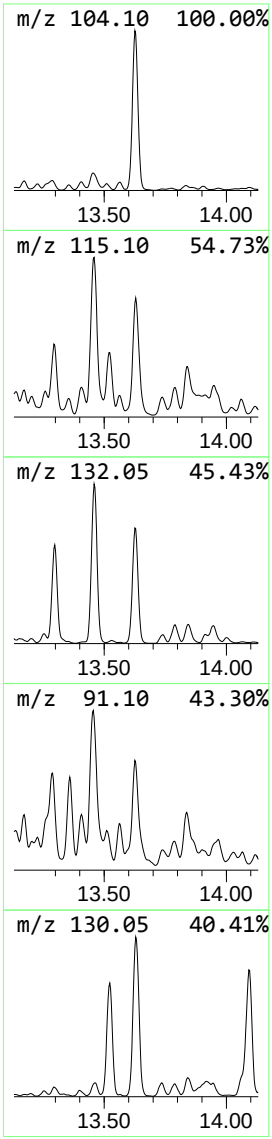
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.629	49.15 ug/L	2092910	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	50
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	46
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	45
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	45
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

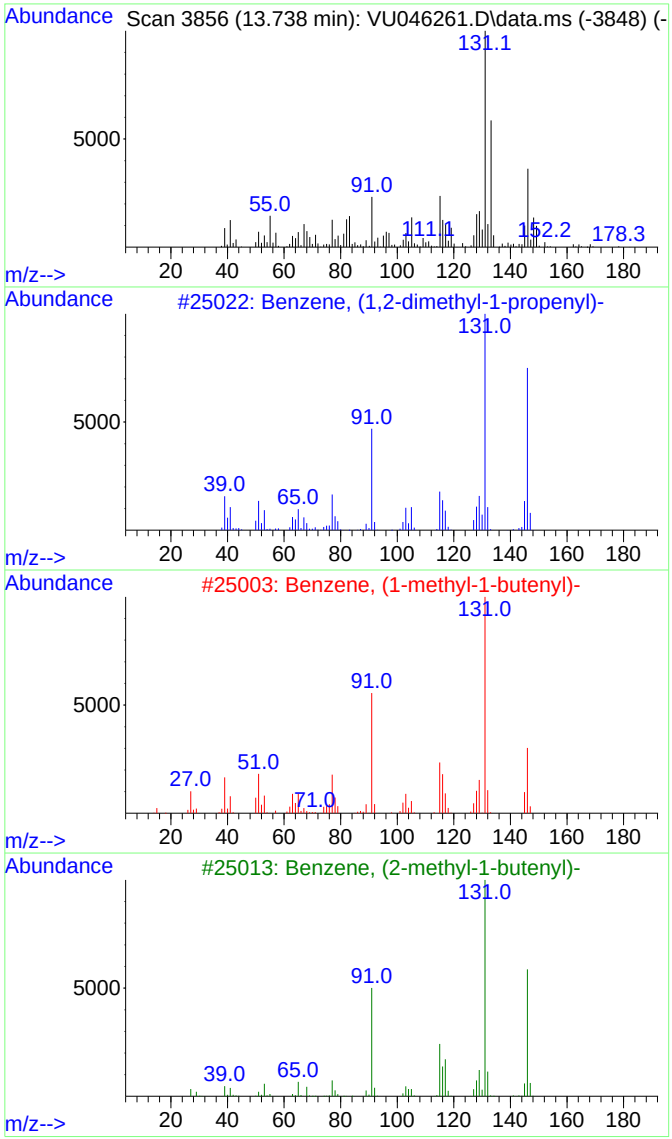
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

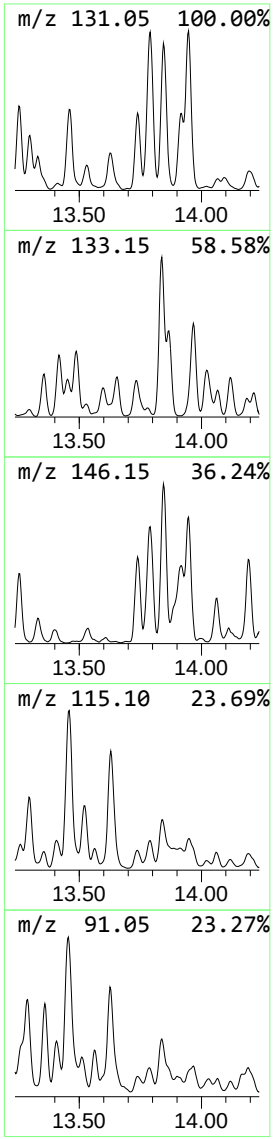
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.738	11.10 ug/L	472603	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-1-butenyl)-	146	C11H14	053172-84-2	92
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64





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Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

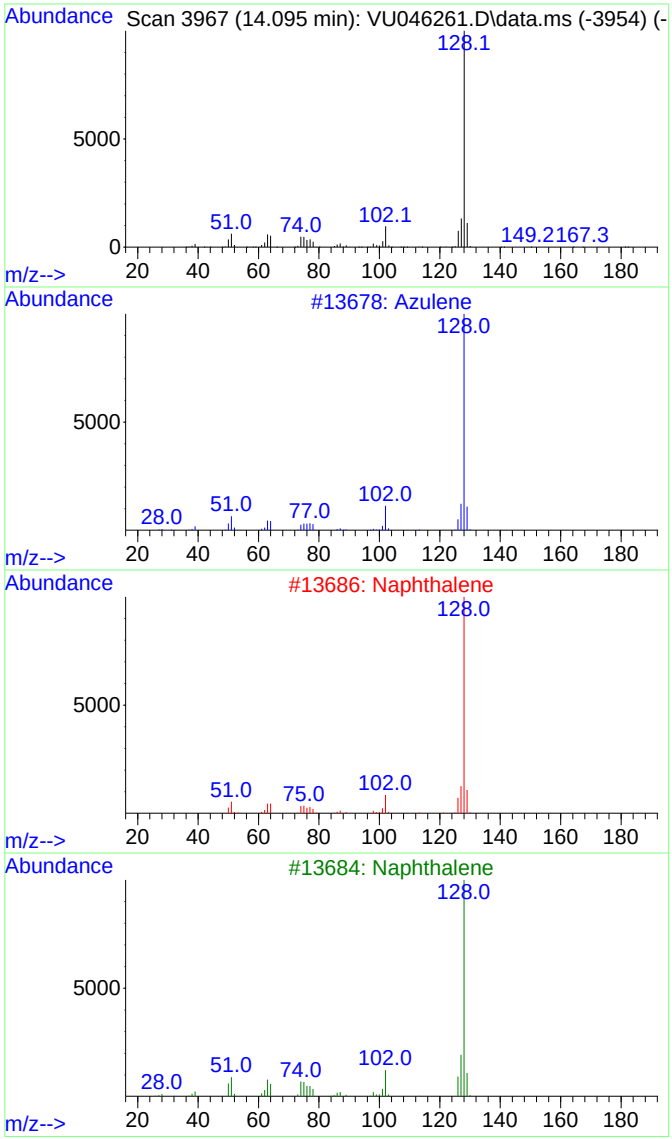
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

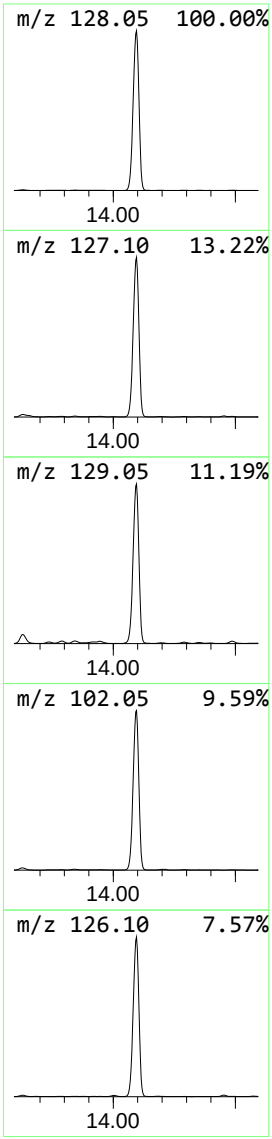
****

Peak Number 61 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.095	483.95 ug/L	20609200	1,4-Dichlorobenzene-d4	11.816

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

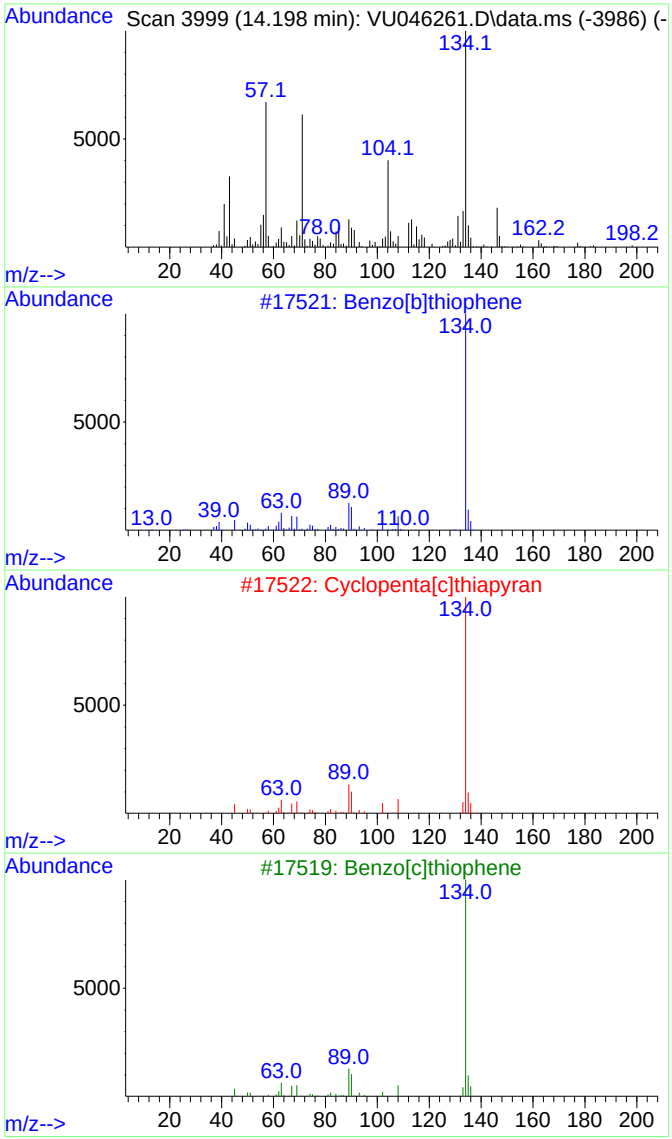
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

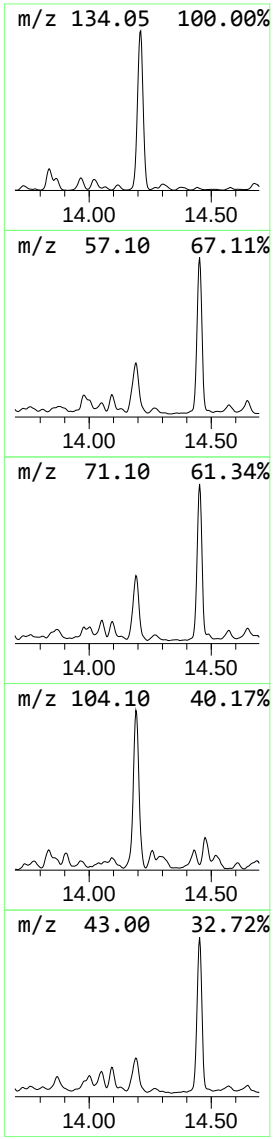
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 Benzo[b]thiophene Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.198	28.66 ug/L	1220510	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	80
2	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	46
3	Benzo[c]thiophene	134	C8H6S	000270-82-6	46
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	41
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

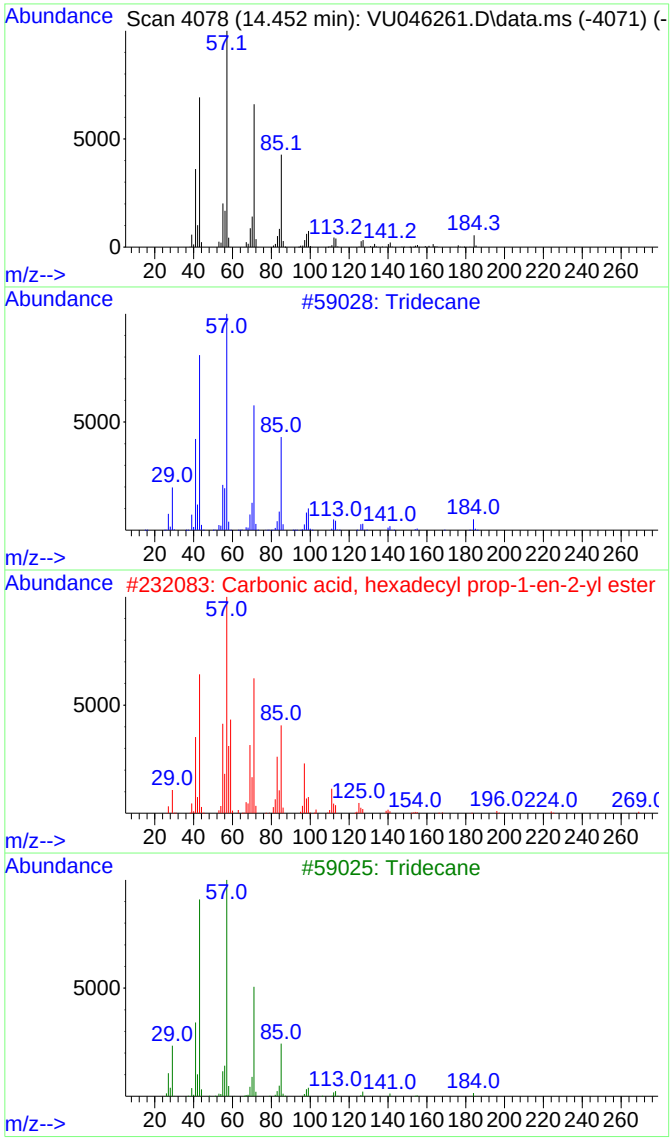
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

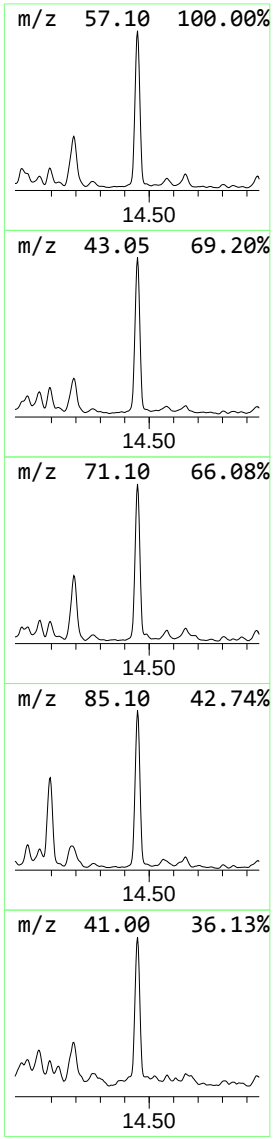
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.452	17.36 ug/L	739367	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	90
3	Tridecane	184	C13H28	000629-50-5	87
4	Dodecane	170	C12H26	000112-40-3	86
5	Tetradecane	198	C14H30	000629-59-4	86





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Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

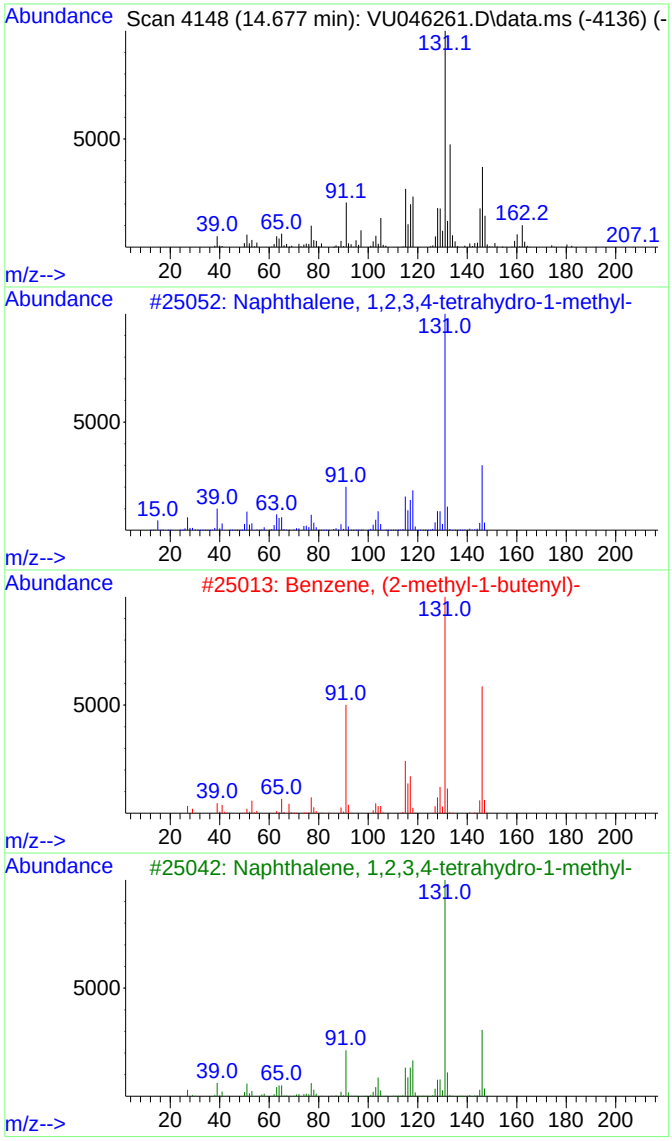
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

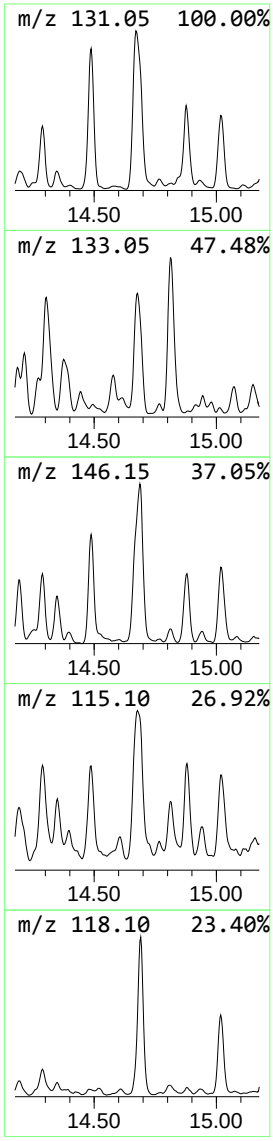
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.677	25.17 ug/L	1071920	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	70
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	64
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	62
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	60
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	55





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Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

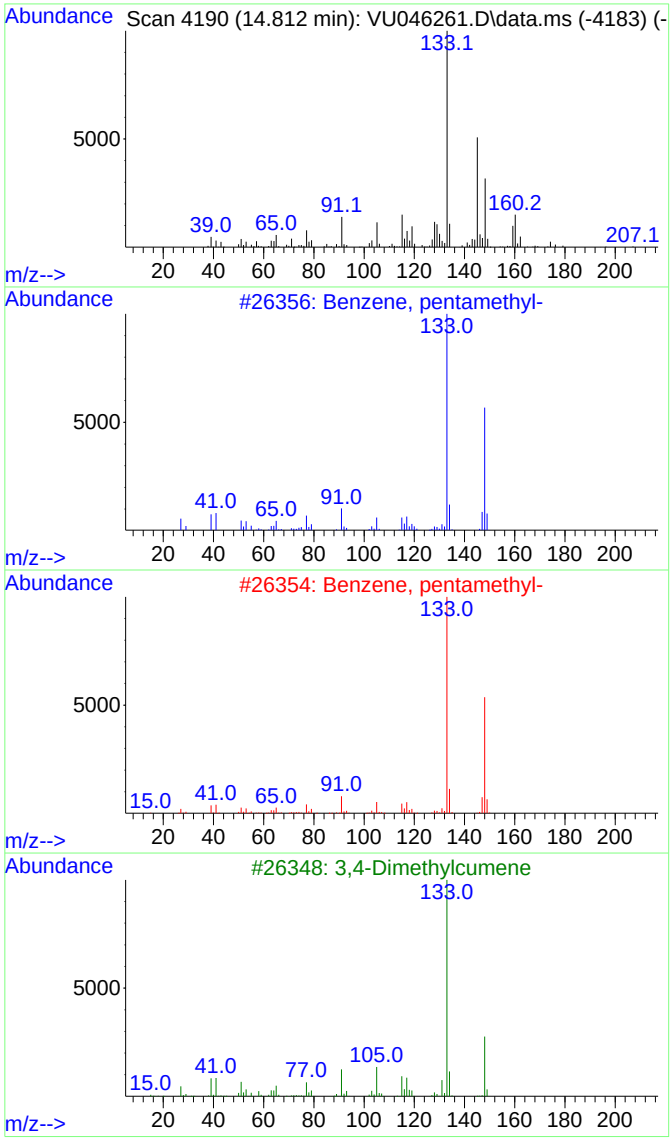
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

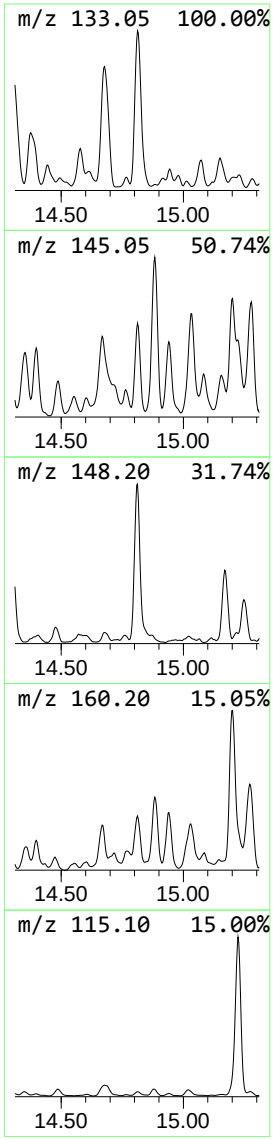
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 65 Benzene, pentamethyl- Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.812	7.33 ug/L	312079	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	55
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	55
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	55
4	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	55
5	Benzene, pentamethyl-	148	C11H16	000700-12-9	55





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Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

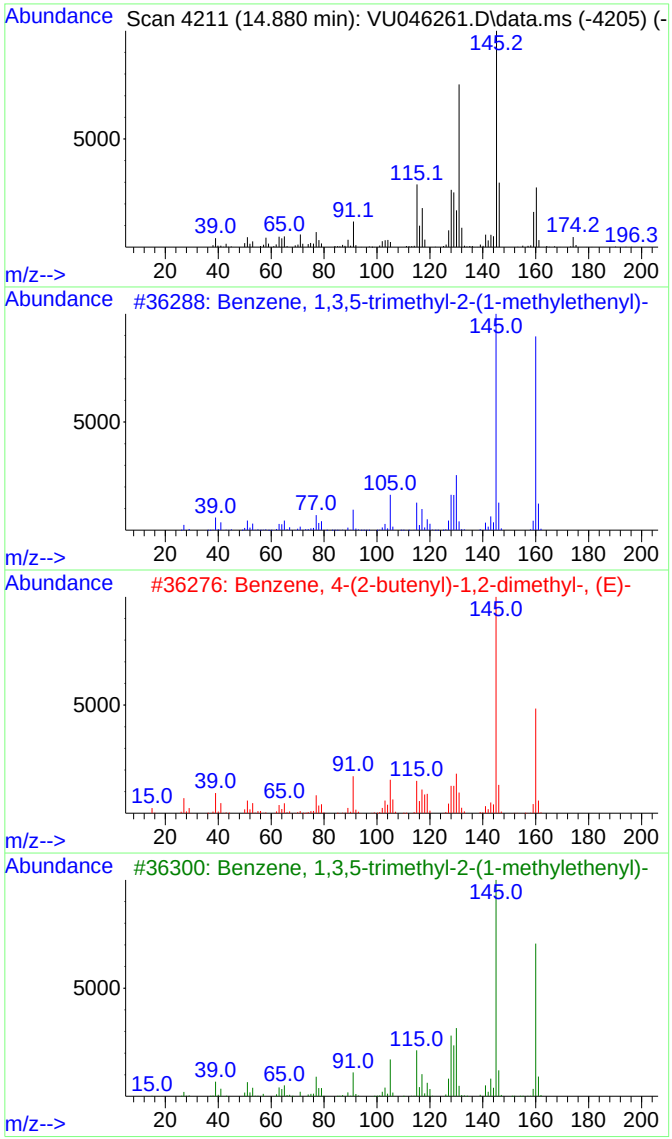
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

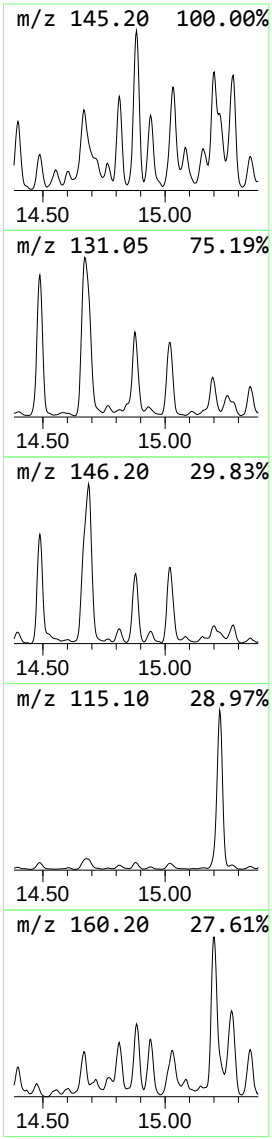
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.880	7.95 ug/L	338435	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	60
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	53
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	53
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	49
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

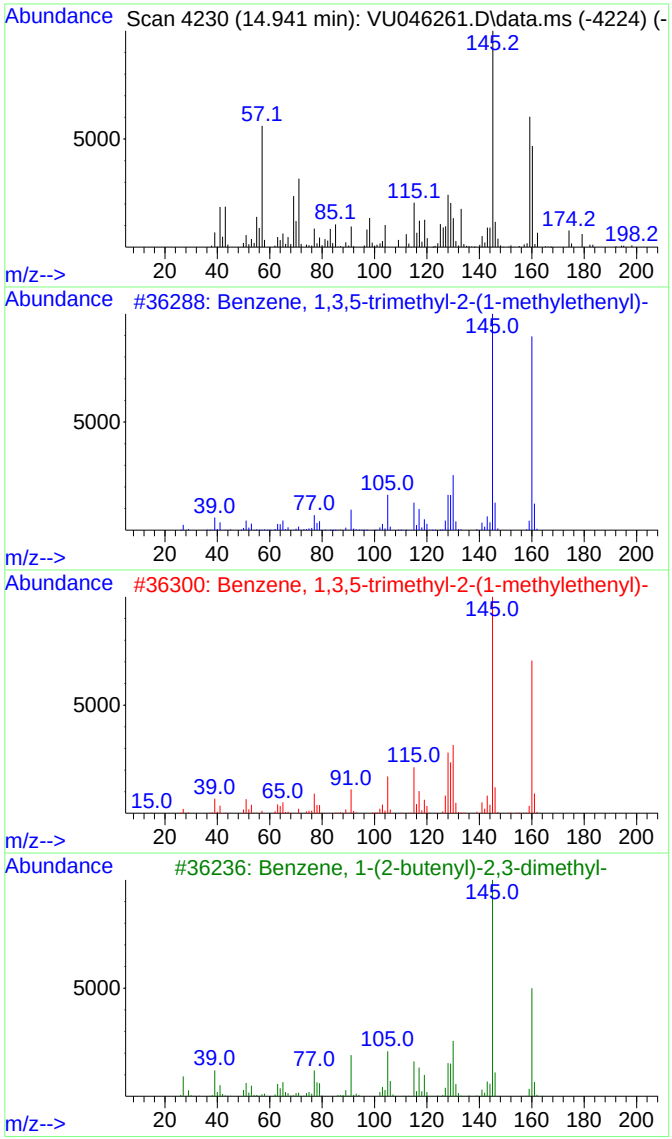
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis

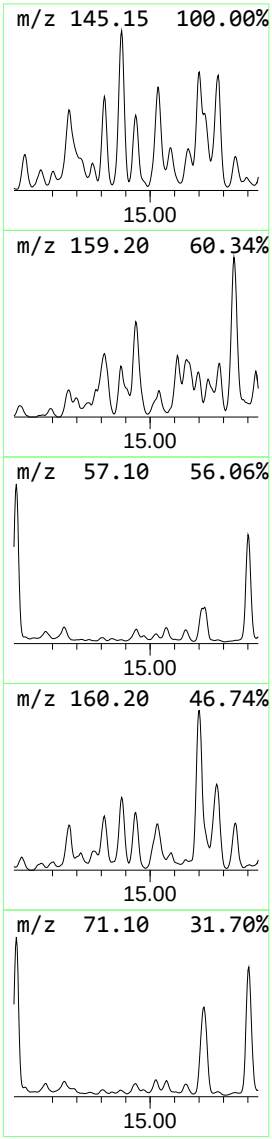
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 1H-Indene, 2,3-dihydro-4,5,... Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.941	3.74 ug/L	159457	1,4-Dichlorobenzene-d4	11.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	68
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	68
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	62
4	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	58
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.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
(DEL) Alkane: S...	7.501	13.1	ug/L	125646	1	6.253	478233	50.0
(DEL) Alkane: S...	7.661	18.5	ug/L	176586	1	6.253	478233	50.0
(DEL) Alkane: S...	8.131	10.5	ug/L	157067	2	9.420	745089	50.0
(DEL) Alkane: C...	8.243	8.6	ug/L	127921	2	9.420	745089	50.0
(DEL) Alkane: S...	8.539	7.9	ug/L	117712	2	9.420	745089	50.0
(DEL) Alkane: S...	8.758	20.2	ug/L	300863	2	9.420	745089	50.0
(DEL) Alkane: C...	8.867	17.1	ug/L	254316	2	9.420	745089	50.0
(DEL) Alkane: C...	8.928	27.1	ug/L	404079	2	9.420	745089	50.0
(DEL) Alkane: S...	9.060	17.7	ug/L	263554	2	9.420	745089	50.0
(DEL) Alkane: S...	9.124	23.1	ug/L	344467	2	9.420	745089	50.0
(DEL) Alkane: C...	9.169	40.0	ug/L	596144	2	9.420	745089	50.0
(DEL) Alkane: S...	9.218	76.4	ug/L	1138630	2	9.420	745089	50.0
(DEL) Alkane: S...	9.340	80.4	ug/L	1198140	2	9.420	745089	50.0
unknown-01	9.890	17.1	ug/L	255270	2	9.420	745089	50.0
(DEL) Alkane: S...	9.957	9.4	ug/L	140635	2	9.420	745089	50.0
(DEL) Alkane: S...	10.025	143.8	ug/L	2142780	2	9.420	745089	50.0
(DEL) Alkane: S...	10.256	210.8	ug/L	3140530	2	9.420	745089	50.0
(DEL) Alkane: S...	10.320	14.4	ug/L	214158	2	9.420	745089	50.0
(DEL) Alkane: C...	10.359	163.9	ug/L	2443070	2	9.420	745089	50.0
(DEL) Alkane: S...	10.562	143.2	ug/L	2133180	2	9.420	745089	50.0
(DEL) Alkane: S...	10.629	48.2	ug/L	2050860	3	11.816	2129250	50.0
(DEL) Alkane: S...	10.658	30.3	ug/L	1289750	3	11.816	2129250	50.0
(DEL) Alkane: S...	10.812	45.4	ug/L	1931350	3	11.816	2129250	50.0
Benzene, propyl-	10.909	47.4	ug/L	2017180	3	11.816	2129250	50.0
(DEL) Alkane: C...	10.960	11.4	ug/L	483294	3	11.816	2129250	50.0
Benzene, 1-ethy...	11.002	200.0	ug/L	8516350	3	11.816	2129250	50.0
(DEL) Alkane: S...	11.192	11.9	ug/L	506173	3	11.816	2129250	50.0
(DEL) Alkane: S...	11.246	7.5	ug/L	317522	3	11.816	2129250	50.0
Benzene, 1-ethy...	11.298	124.2	ug/L	5287960	3	11.816	2129250	50.0
(DEL) Alkane: S...	11.382	18.1	ug/L	768773	3	11.816	2129250	50.0
(DEL) Alkane: S...	11.423	40.3	ug/L	1714900	3	11.816	2129250	50.0
(DEL) Alkane: S...	11.581	21.4	ug/L	910160	3	11.816	2129250	50.0
Benzene, (2-met...	11.616	8.2	ug/L	349479	3	11.816	2129250	50.0
Benzene, (1-met...	11.648	32.2	ug/L	1369740	3	11.816	2129250	50.0
(DEL) Alkane: C...	11.716	75.5	ug/L	3214220	3	11.816	2129250	50.0
(DEL) Alkane: S...	12.009	45.7	ug/L	1947790	3	11.816	2129250	50.0
Benzene, 1,2-di...	12.102	73.2	ug/L	3116400	3	11.816	2129250	50.0
Benzene, 1-meth...	12.131	86.3	ug/L	3676990	3	11.816	2129250	50.0
(DEL) Alkane: S...	12.333	133.7	ug/L	5691630	3	11.816	2129250	50.0
Benzene, 1-meth...	12.381	66.5	ug/L	2830080	3	11.816	2129250	50.0
Benzene, 1-ethy...	12.472	53.4	ug/L	2274440	3	11.816	2129250	50.0
p-Cymene	12.500	47.6	ug/L	2025670	3	11.816	2129250	50.0
Benzene, 4-ethy...	12.574	59.5	ug/L	2534870	3	11.816	2129250	50.0
Benzene, 2-ethy...	12.713	69.2	ug/L	2946550	3	11.816	2129250	50.0
unknown-02	12.819	8.7	ug/L	372060	3	11.816	2129250	50.0
(DEL) Alkane: C...	12.938	31.3	ug/L	1333580	3	11.816	2129250	50.0
Benzene, 1,2,4,...	12.976	44.0	ug/L	1873750	3	11.816	2129250	50.0
Benzene, 1,2,3,...	13.031	87.9	ug/L	3742490	3	11.816	2129250	50.0
1-Methyl-2-phen...	13.288	34.8	ug/L	1483780	3	11.816	2129250	50.0
2-Butanone, 4-p...	13.356	12.0	ug/L	510990	3	11.816	2129250	50.0
Benzene, 1-meth...	13.407	11.5	ug/L	489948	3	11.816	2129250	50.0
o-Cymene	13.452	99.2	ug/L	4224120	3	11.816	2129250	50.0

Benzene, (1,1-d...	13.562	7.1	ug/L	303251	3	11.816	2129250	50.0
2-Methyladamantane	13.594	7.5	ug/L	320529	3	11.816	2129250	50.0
Naphthalene, 1,...	13.629	49.1	ug/L	2092910	3	11.816	2129250	50.0
Benzene, (1,2-d...	13.738	11.1	ug/L	472603	3	11.816	2129250	50.0
Azulene	14.095	483.9	ug/L	20609200	3	11.816	2129250	50.0
Benzo[b]thiophene	14.198	28.7	ug/L	1220510	3	11.816	2129250	50.0
(DEL) Alkane: S...	14.452	17.4	ug/L	739367	3	11.816	2129250	50.0
Naphthalene, 1,...	14.677	25.2	ug/L	1071920	3	11.816	2129250	50.0
Benzene, pentam...	14.812	7.3	ug/L	312079	3	11.816	2129250	50.0
Benzene, 1,3,5-...	14.880	8.0	ug/L	338435	3	11.816	2129250	50.0
1H-Indene, 2,3-...	14.941	3.7	ug/L	159457	3	11.816	2129250	50.0

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1