LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020145.D
Acq On : 22 Jan 2021 18:59
Operator : SY/MD
Sample : M1201-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z9

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_V\Method\SOMVLM012121WMA.M
Title : VOC Analysis

Signal : TIC: VV020145.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.110	3	6	17	rVB2	32704	29610	1.80%	0.169%
2	1.309	59	68	86	rVB	263434	273905	16.64%	1.561%
3	1.569	143	149	160	rVB	210642	237328	14.42%	1.352%
4	2.109	307	317	357	rVB	365669	563034	34.21%	3.208%
5	2.299	367	376	385	rBV	8501	13219	0.80%	0.075%
6	2.534	428	449	467	rBV	78825	155507	9.45%	0.886%
7	2.765	507	521	538	rVB	122536	244841	14.88%	1.395%
8	3.045	591	608	633	rBV	428665	860166	52.27%	4.901%
9	3.293	675	685	698	rBV5	4237	9608	0.58%	0.055%
10	3.675	787	804	814	rBV4	5578	15545	0.94%	0.089%
11	3.769	815	833	855	rVB	204129	510566	31.03%	2.909%
12	3.894	861	872	905	rBV	107133	322885	19.62%	1.840%
13	4.354	998	1015	1045	rBV	262544	656922	39.92%	3.743%
14	4.672	1100	1114	1129	rVV3	22845	56098	3.41%	0.320%
15	4.772	1134	1145	1157	rVB3	16122	37016	2.25%	0.211%
16	4.913	1174	1189	1211	rBV3	27394	69201	4.21%	0.394%
17	5.051	1211	1232	1262	rBV2	642559	1645630	100.00%	9.376%
18	5.322	1313	1316	1318	rBV4	1778	1370	0.08%	0.008%
19	5.498	1359	1371	1387	rBV3	23309	51115	3.11%	0.291%
20	5.621	1395	1409	1441	rBV	461029	928780	56.44%	5.292%
21	5.910	1489	1499	1513	rBV4	19467	42353	2.57%	0.241%
22	5.987	1519	1523	1535	rVB4	3610	5882	0.36%	0.034%
23	6.074	1535	1550	1580	rBV	361865	767306	46.63%	4.372%
24	6.206	1580	1591	1599	rBV3	20461	38693	2.35%	0.220%
25	6.260	1601	1608	1621	rVB4	23669	44640	2.71%	0.254%
26	6.363	1635	1640	1641	rBV5	2370	1917	0.12%	0.011%
27	6.463	1657	1671	1686	rVB6	13587	32410	1.97%	0.185%
28	6.659	1715	1732	1749	rVB	50222	114450	6.95%	0.652%
29	6.781	1749	1770	1781	rBV2	53110	114856	6.98%	0.654%
30	6.842	1781	1789	1799	rVB2	23686	39501	2.40%	0.225%
31	6.923	1805	1814	1821	rBV	49186	79892	4.85%	0.455%
32	6.990	1827	1835	1848	rVB	203971	341763	20.77%	1.947%
33	7.087	1857	1865	1886	rVB	71155	151280	9.19%	0.862%
34	7.267	1908	1921	1927	rBV3	53606	97342	5.92%	0.555%
35	7.322	1928	1938	1961	rVB	829851	1449212	88.06%	8.257%
36	7.447	1969	1977	1983	rVB4	12235	17869	1.09%	0.102%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020145.D
Acq On : 22 Jan 2021 18:59
Operator : SY/MD
Sample : M1201-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z9

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_V\Method\SOMVLM012121WMA.M
Title : VOC Analysis

37	7.572	2007	2016	2024	rBV2	43752	70023	4.26%	0.399%
38	7.627	2024	2033	2063	rVB	133395	255399	15.52%	1.455%
39	7.849	2097	2102	2104	rBV7	2830	2612	0.16%	0.015%
40	7.984	2132	2144	2152	rBV4	11110	18258	1.11%	0.104%
41	8.093	2165	2178	2207	rBV2	404142	836838	50.85%	4.768%
42	8.212	2209	2215	2219	rBV2	15280	22449	1.36%	0.128%
43	8.360	2253	2261	2267	rBV7	12908	21868	1.33%	0.125%
44	8.572	2323	2327	2331	rBV4	6298	7669	0.47%	0.044%
45	8.672	2351	2358	2369	rVB4	38566	66639	4.05%	0.380%
46	8.794	2386	2396	2405	rBV3	33040	56406	3.43%	0.321%
47	8.858	2405	2416	2440	rBV	706254	1149615	69.86%	6.550%
48	9.212	2519	2526	2550	rVB5	28569	69557	4.23%	0.396%
49	9.328	2556	2562	2570	rVB5	3493	4927	0.30%	0.028%
50	9.714	2667	2682	2691	rBV5	11301	28585	1.74%	0.163%
51	9.807	2703	2711	2722	rVB8	12229	23236	1.41%	0.132%
52	9.929	2746	2749	2753	rBV5	2019	1866	0.11%	0.011%
53	10.026	2773	2779	2784	rBV9	2794	3907	0.24%	0.022%
54	10.128	2807	2811	2823	rVB8	13250	20020	1.22%	0.114%
55	10.222	2829	2840	2858	rVB	507800	803706	48.84%	4.579%
56	10.521	2929	2933	2936	rBV7	2398	2236	0.14%	0.013%
57	10.714	2985	2993	2994	rBV5	1891	2273	0.14%	0.013%
58	10.887	3044	3047	3053	rVB7	1566	1877	0.11%	0.011%
59	10.926	3053	3059	3063	rBV8	1722	2591	0.16%	0.015%
60	11.064	3089	3102	3107	rBV2	9724	16877	1.03%	0.096%
61	11.164	3123	3133	3138	rBV10	4004	7432	0.45%	0.042%
62	11.202	3138	3145	3151	rVV3	13666	19028	1.16%	0.108%
63	11.254	3151	3161	3184	rVB	850484	1323361	80.42%	7.540%
64	11.556	3245	3255	3257	rBV2	46802	57698	3.51%	0.329%
65	11.633	3269	3279	3301	rVB2	903302	1542888	93.76%	8.790%
66	11.752	3311	3316	3326	rVB7	7603	10035	0.61%	0.057%
67	11.826	3327	3339	3351	rVB4	45086	77744	4.72%	0.443%
68	11.919	3358	3368	3373	rBV	44139	68359	4.15%	0.389%
69	12.025	3388	3401	3423	rVB	79957	133775	8.13%	0.762%
70	12.128	3424	3433	3437	rBV3	12768	21270	1.29%	0.121%
71	12.251	3463	3471	3484	rBV8	9671	21518	1.31%	0.123%
72	12.318	3484	3492	3503	rVB6	9937	19863	1.21%	0.113%
73	12.392	3505	3515	3517	rBV5	8562	11352	0.69%	0.065%
74	12.424	3518	3525	3532	rVB	38634	53279	3.24%	0.304%
75	12.472	3533	3540	3554	rVB	62858	94343	5.73%	0.538%
76	12.559	3558	3567	3573	rBV	37544	56845	3.45%	0.324%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020145.D
Acq On : 22 Jan 2021 18:59
Operator : SY/MD
Sample : M1201-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z9

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_V\Method\SOMVLM012121WMA.M
Title : VOC Analysis

77	12.595	3574	3578	3582	rVV	11135	10519	0.64%	0.060%
78	12.685	3598	3606	3615	rBV5	13904	26138	1.59%	0.149%
79	12.736	3615	3622	3635	rVB2	35002	51759	3.15%	0.295%
80	12.804	3635	3643	3651	rBV3	21549	30054	1.83%	0.171%
81	12.855	3651	3659	3665	rBV3	25310	44008	2.67%	0.251%
82	13.009	3699	3707	3717	rBV2	24478	36361	2.21%	0.207%
83	13.067	3721	3725	3727	rBV5	1907	1575	0.10%	0.009%
84	13.173	3749	3758	3766	rBV4	19496	32624	1.98%	0.186%
85	13.225	3766	3774	3782	rVB4	25585	39896	2.42%	0.227%
86	13.279	3782	3791	3798	rBV2	47735	80361	4.88%	0.458%
87	13.476	3846	3852	3869	rVB10	6761	15625	0.95%	0.089%
88	13.559	3871	3878	3883	rBV6	2818	4123	0.25%	0.023%
89	13.627	3890	3899	3904	rBV10	4800	8458	0.51%	0.048%
90	13.723	3920	3929	3937	rBV8	14382	27287	1.66%	0.155%
91	13.775	3941	3945	3956	rVV6	12718	19085	1.16%	0.109%
92	13.832	3957	3963	3971	rVB8	3269	4903	0.30%	0.028%
93	13.919	3982	3990	4001	rVB2	16857	25847	1.57%	0.147%
94	14.051	4026	4031	4038	rVB9	2524	2994	0.18%	0.017%
95	14.103	4038	4047	4060	rBV5	14608	29974	1.82%	0.171%
96	14.244	4083	4091	4099	rBV4	7858	11614	0.71%	0.066%
97	14.312	4102	4112	4120	rVB4	7570	14849	0.90%	0.085%
98	14.376	4128	4132	4134	rBV3	1484	1369	0.08%	0.008%
99	14.440	4146	4152	4153	rBV5	1975	1381	0.08%	0.008%
100	14.623	4207	4209	4213	rVB3	1815	1321	0.08%	0.008%

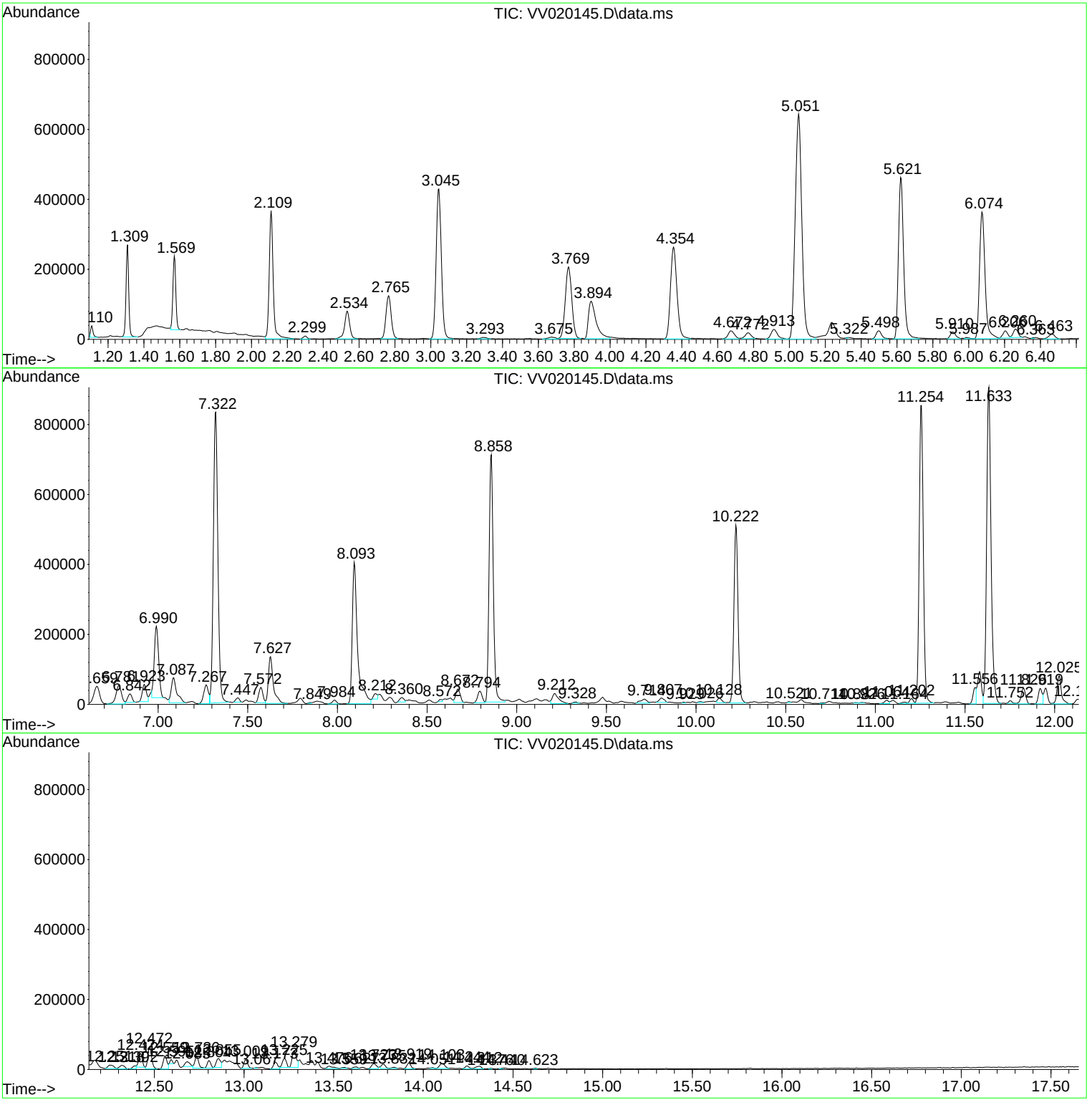
Sum of corrected areas: 17552061

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020145.D
Acq On : 22 Jan 2021 18:59
Operator : SY/MD
Sample : M1201-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020145.D
Acq On : 22 Jan 2021 18:59
Operator : SY/MD
Sample : M1201-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z9

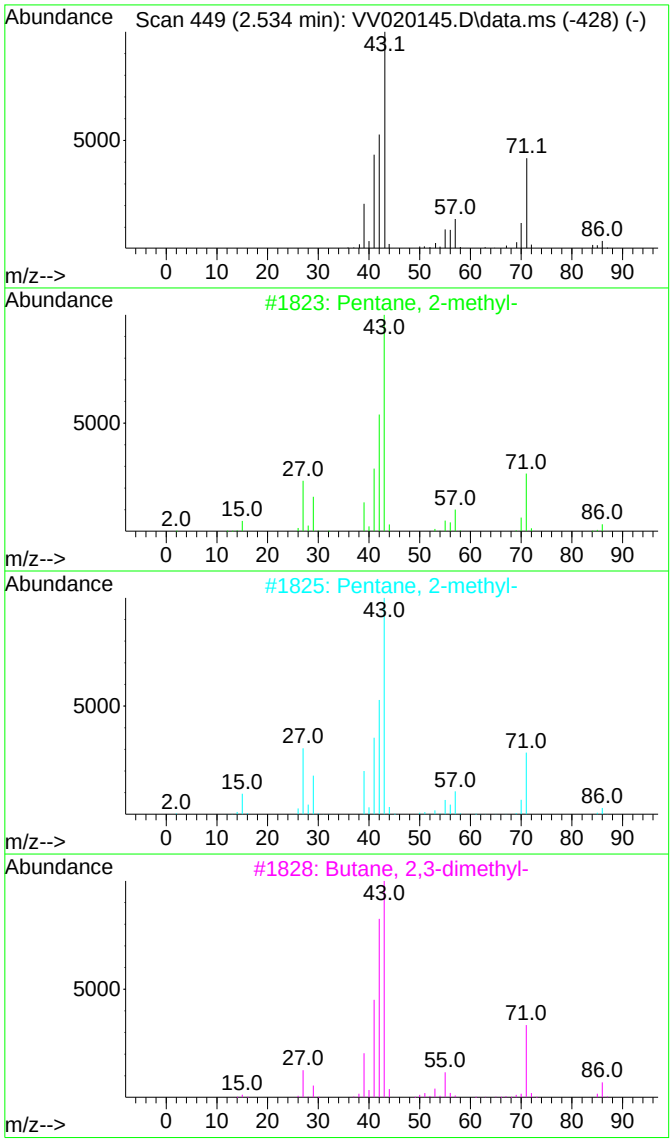
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

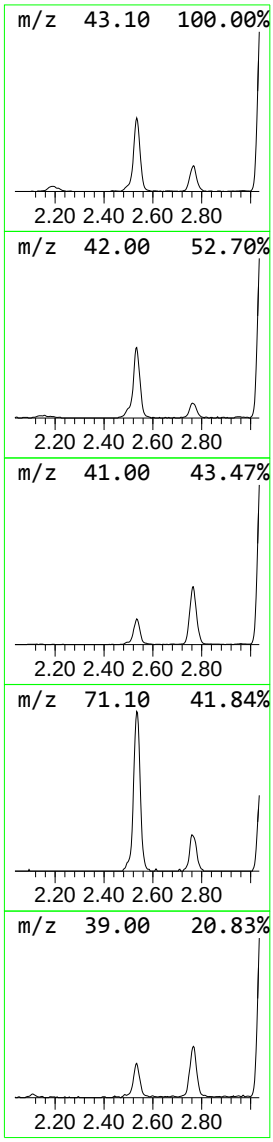
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.534	8.37 ug/L	155507	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	87
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	47
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	43
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020145.D
Acq On : 22 Jan 2021 18:59
Operator : SY/MD
Sample : M1201-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z9

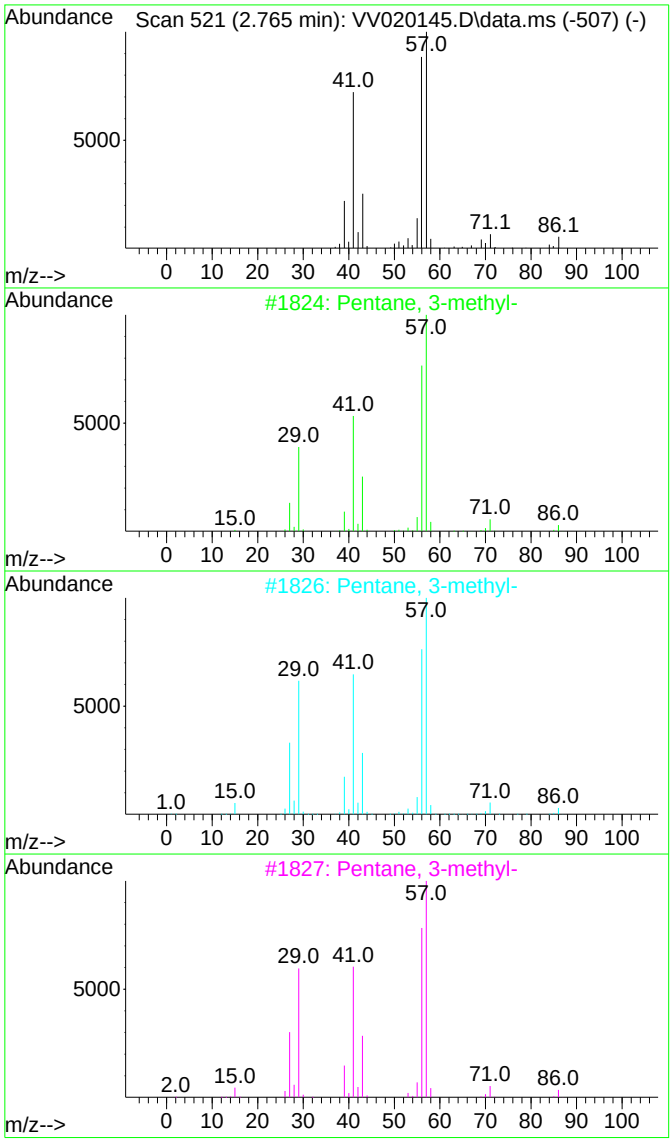
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

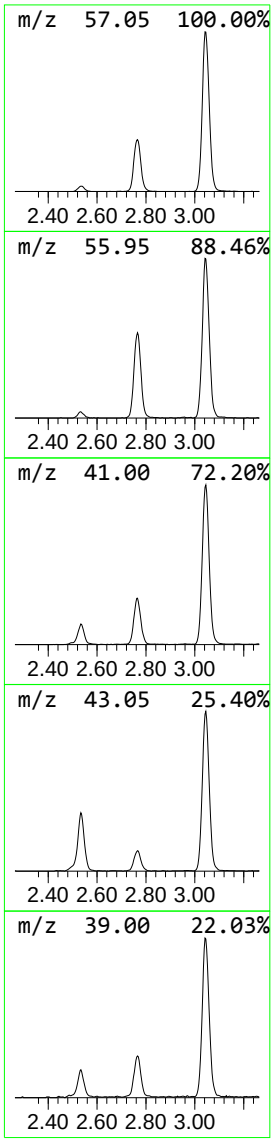
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.765	13.18 ug/L	244841	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
5	Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020145.D
Acq On : 22 Jan 2021 18:59
Operator : SY/MD
Sample : M1201-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z9

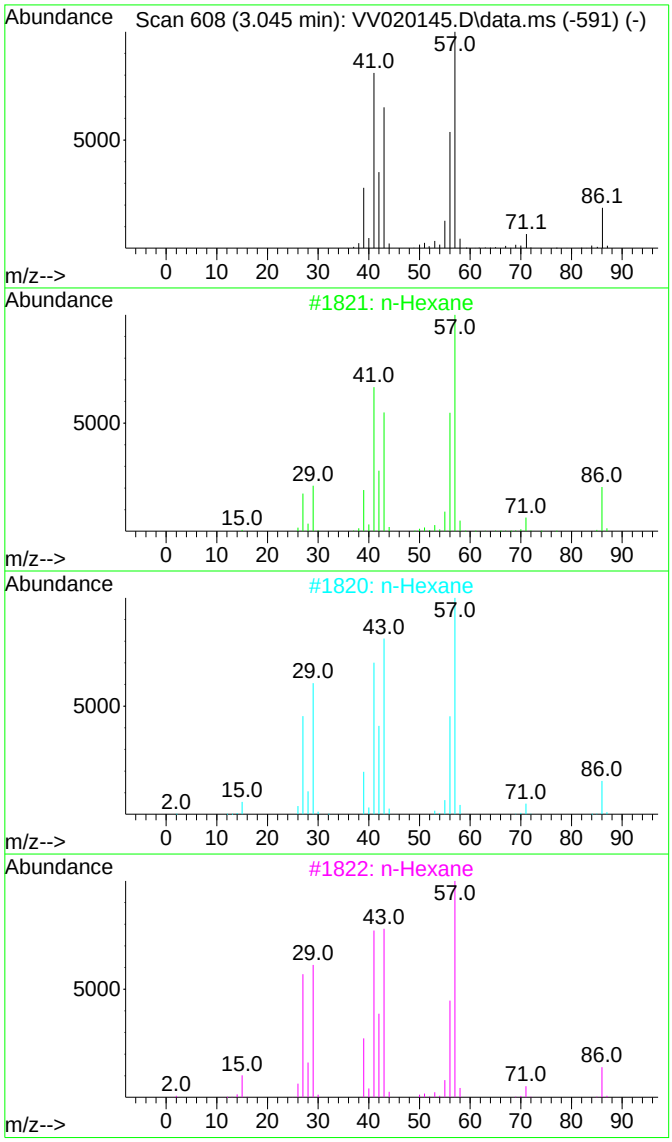
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

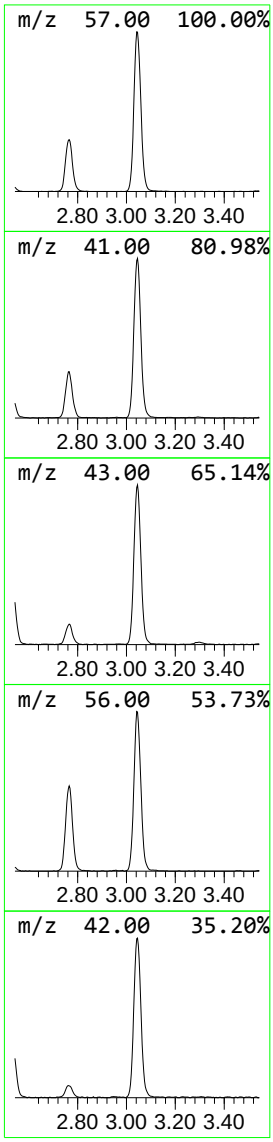
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.045	46.31 ug/L	860166	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	n-Hexane	86	C6H14	000110-54-3	83
3	n-Hexane	86	C6H14	000110-54-3	72
4	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	53
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020145.D
Acq On : 22 Jan 2021 18:59
Operator : SY/MD
Sample : M1201-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z9

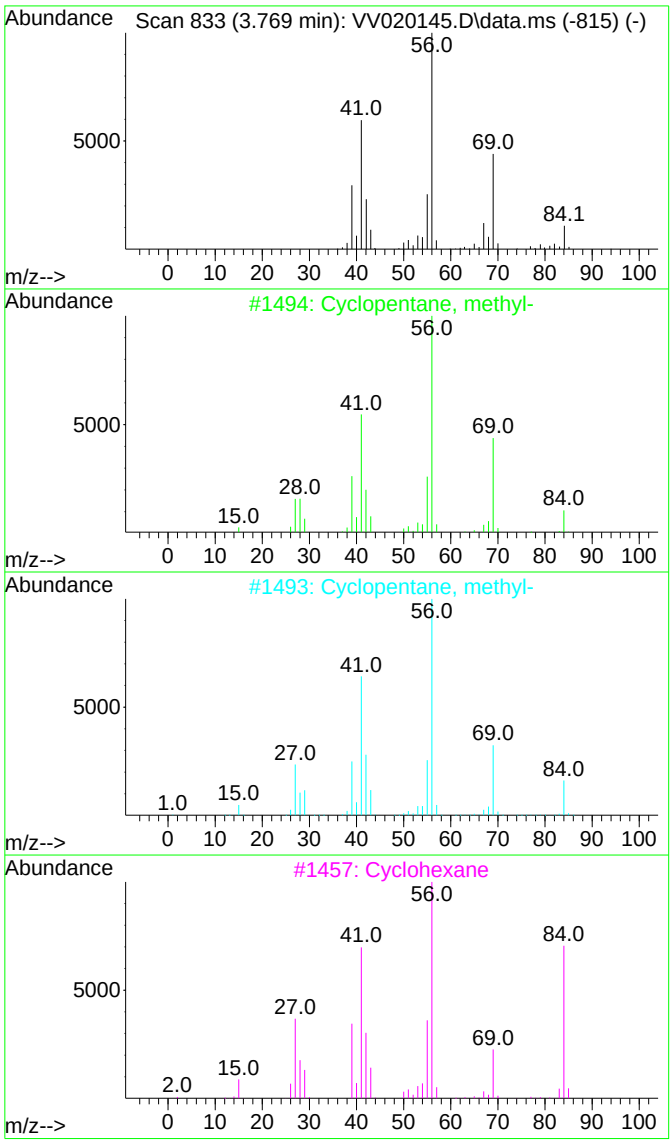
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

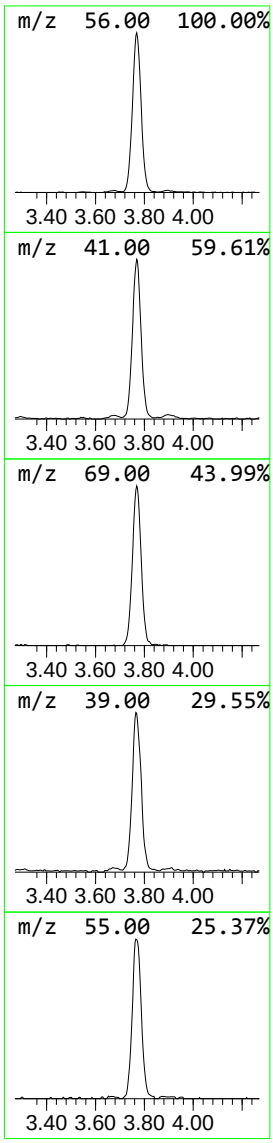
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic3.769 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.769	27.49 ug/L	510566	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	80
3	Cyclohexane	84	C6H12	000110-82-7	80
4	Cyclohexane	84	C6H12	000110-82-7	72
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020145.D
Acq On : 22 Jan 2021 18:59
Operator : SY/MD
Sample : M1201-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z9

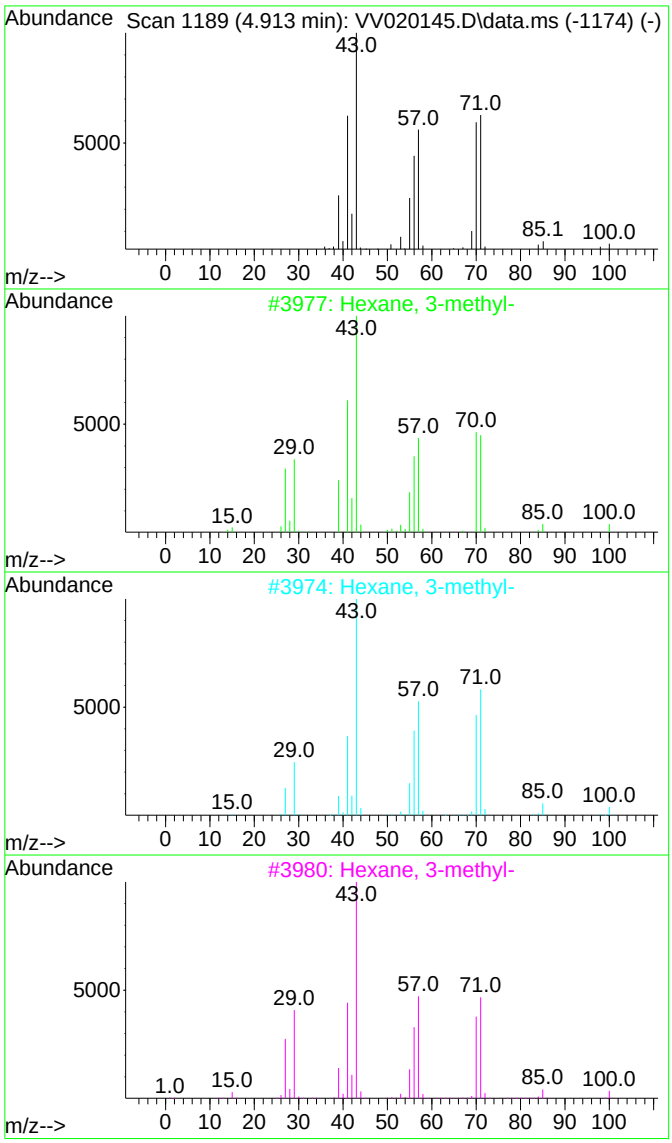
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

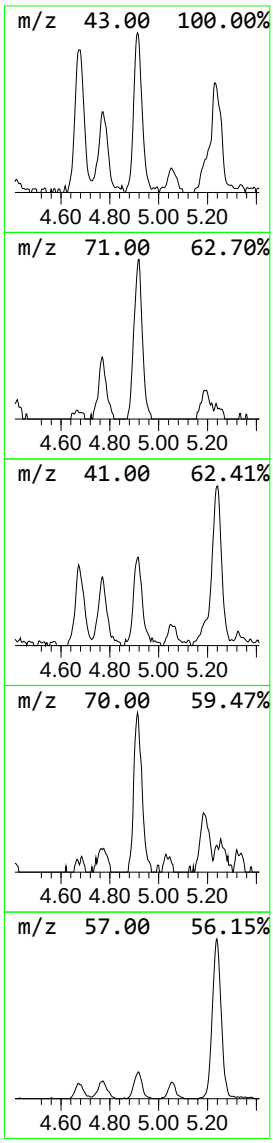
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.913	3.73 ug/L	69201	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	90
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	90
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	81
4	Heptane	100	C7H16	000142-82-5	64
5	Heptane	100	C7H16	000142-82-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020145.D
Acq On : 22 Jan 2021 18:59
Operator : SY/MD
Sample : M1201-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z9

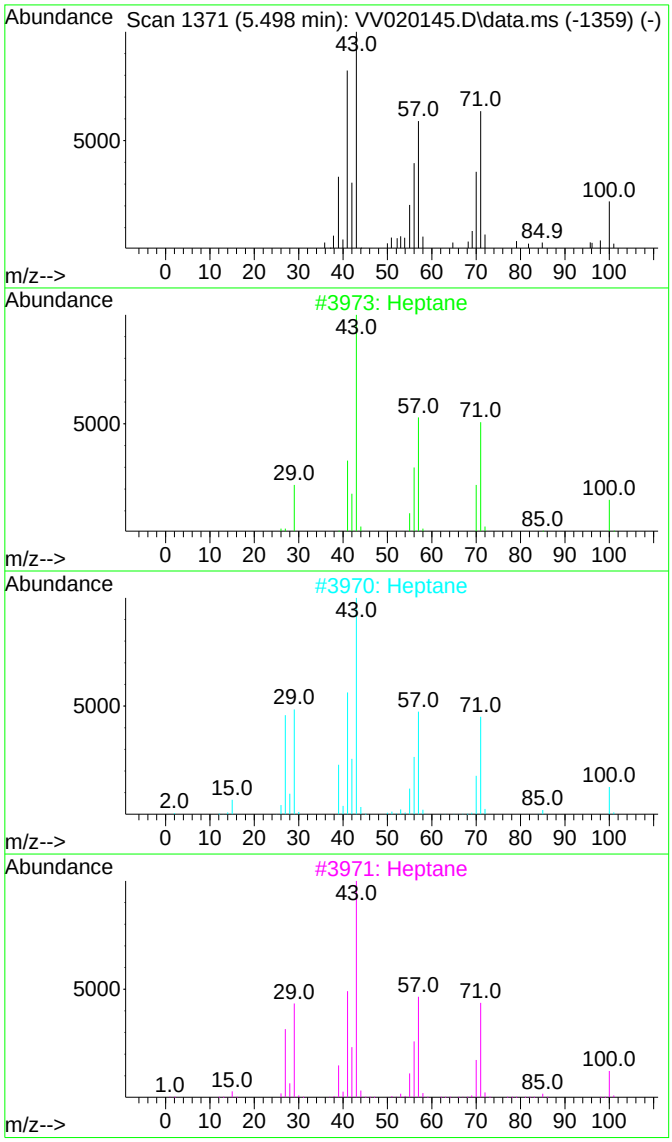
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

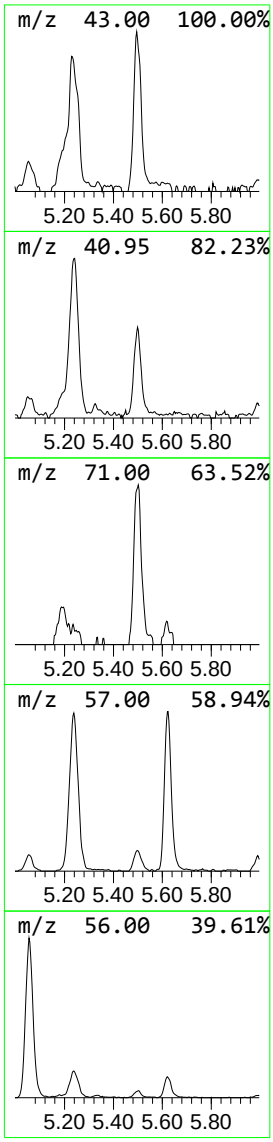
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.498	2.75 ug/L	51115	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	78
2	Heptane	100	C7H16	000142-82-5	72
3	Heptane	100	C7H16	000142-82-5	72
4	Heptane	100	C7H16	000142-82-5	68
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020145.D
Acq On : 22 Jan 2021 18:59
Operator : SY/MD
Sample : M1201-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z9

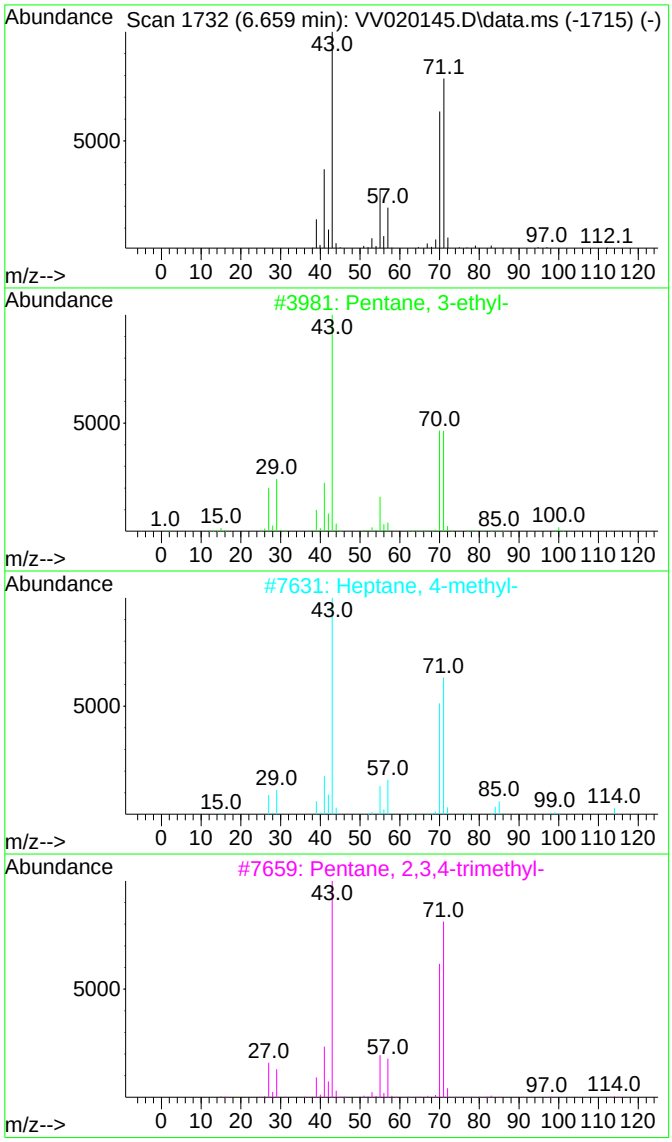
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

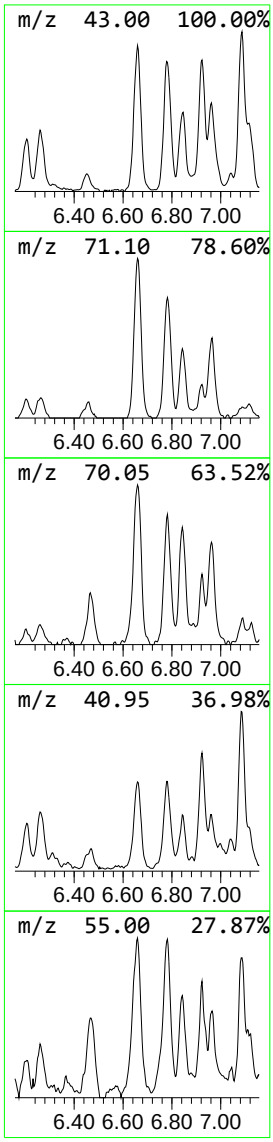
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.659	6.16 ug/L	114450	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	83
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	78
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	78





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Data File : VV020145.D
Acq On : 22 Jan 2021 18:59
Operator : SY/MD
Sample : M1201-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z9

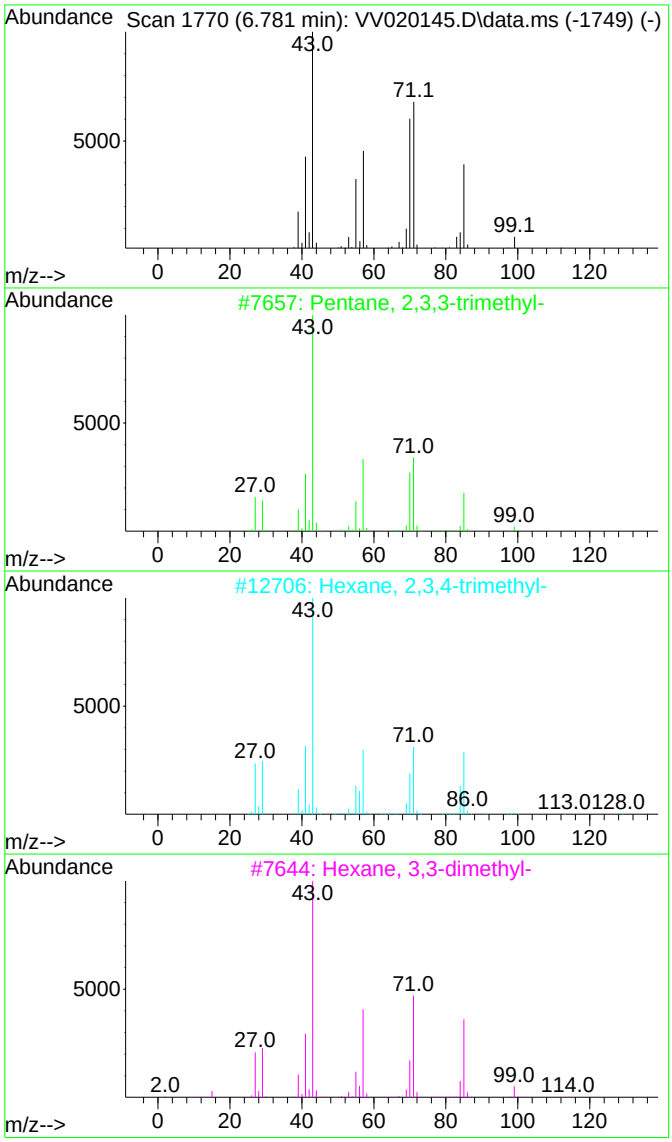
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

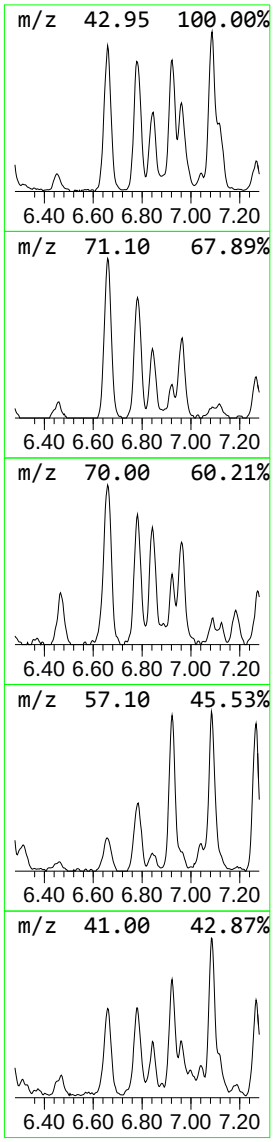
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.781	6.18 ug/L	114856	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	74
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
5	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020145.D
Acq On : 22 Jan 2021 18:59
Operator : SY/MD
Sample : M1201-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z9

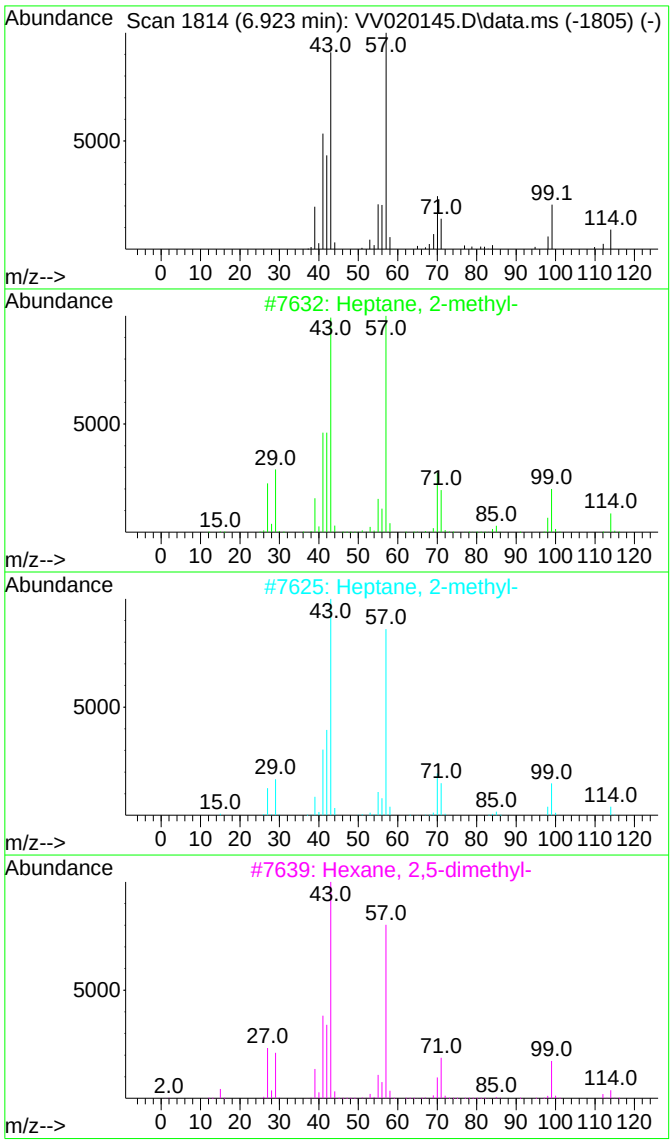
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

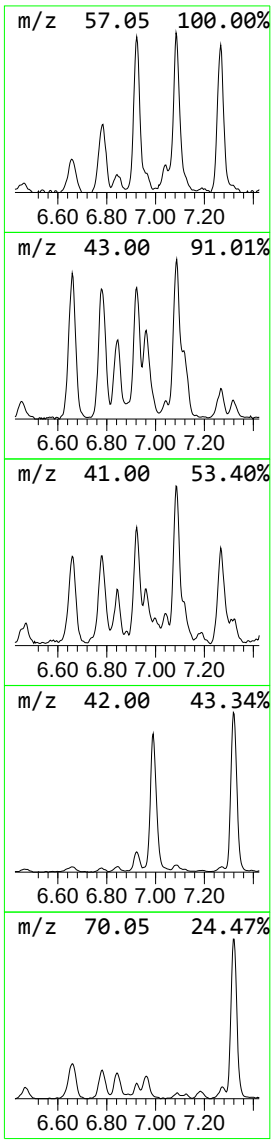
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.923	4.30 ug/L	79892	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	90
2	Heptane, 2-methyl-	114	C8H18	000592-27-8	58
3	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	50
4	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	47
5	Heptane, 2-methyl-	114	C8H18	000592-27-8	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020145.D
Acq On : 22 Jan 2021 18:59
Operator : SY/MD
Sample : M1201-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z9

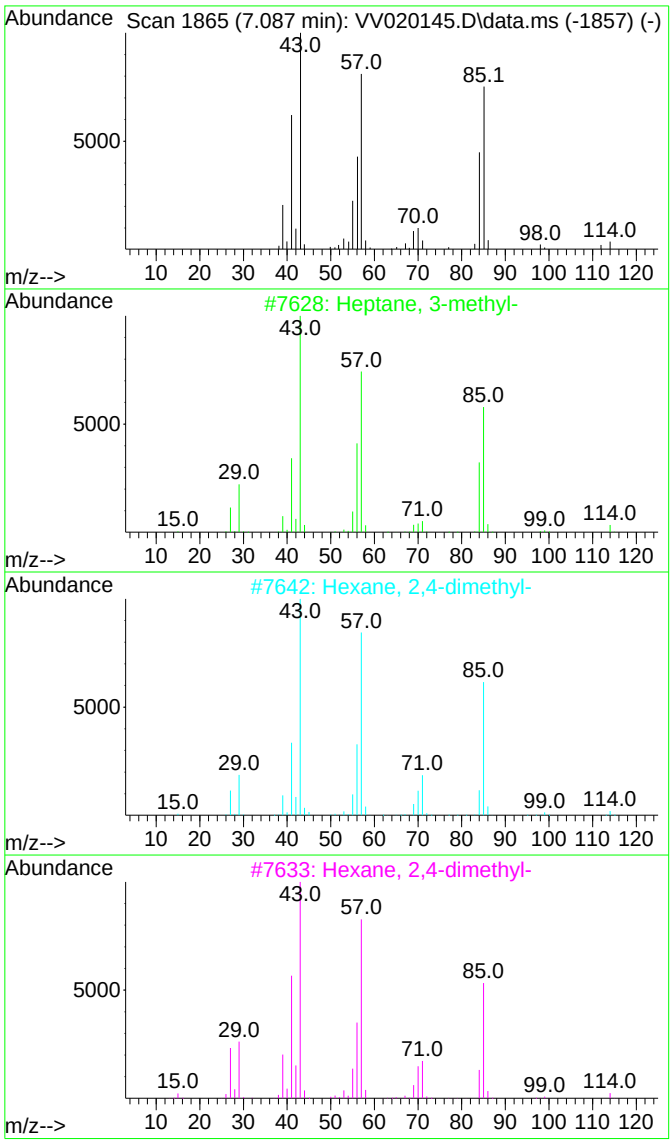
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

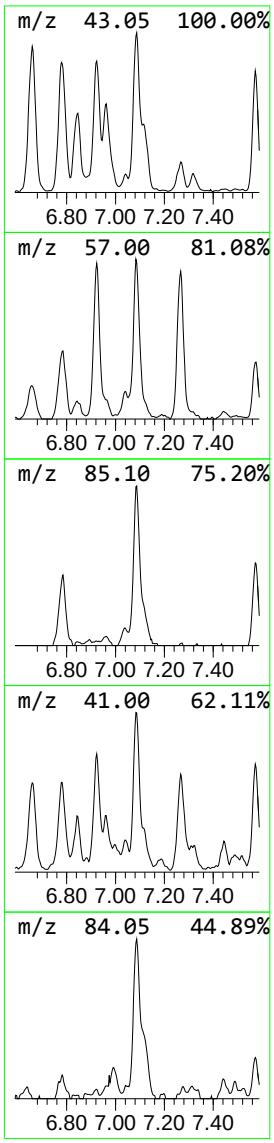
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.087	8.14 ug/L	151280	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	87
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	64
4	Hexane, 3-ethyl-	114	C8H18	000619-99-8	59
5	Heptane, 3-methyl-	114	C8H18	000589-81-1	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020145.D
Acq On : 22 Jan 2021 18:59
Operator : SY/MD
Sample : M1201-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z9

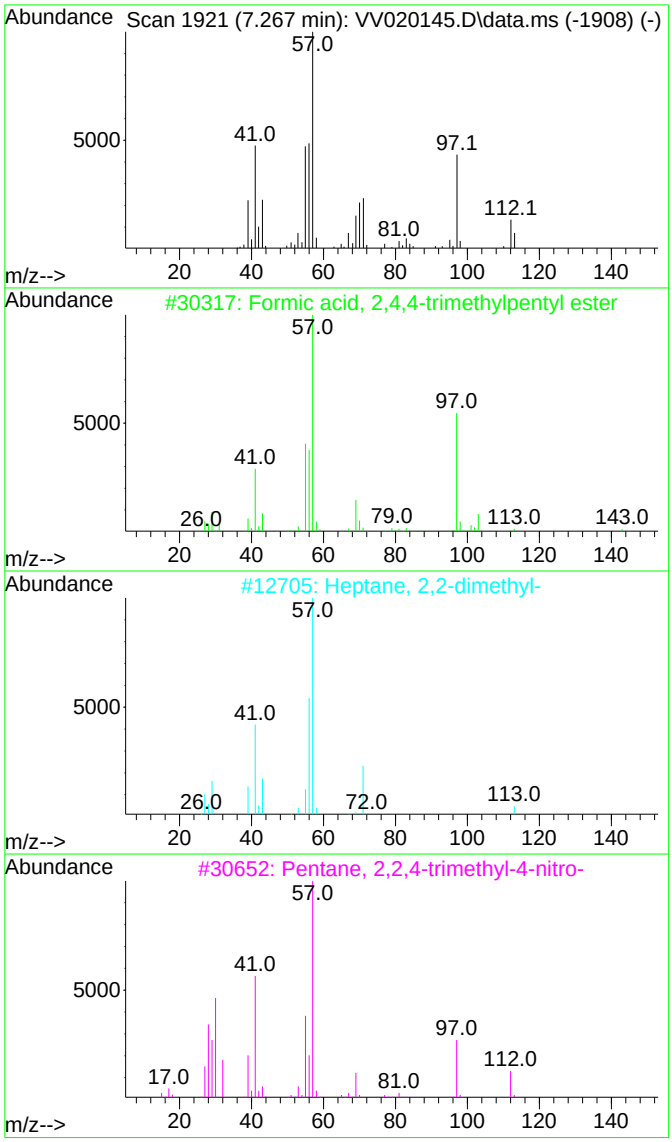
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

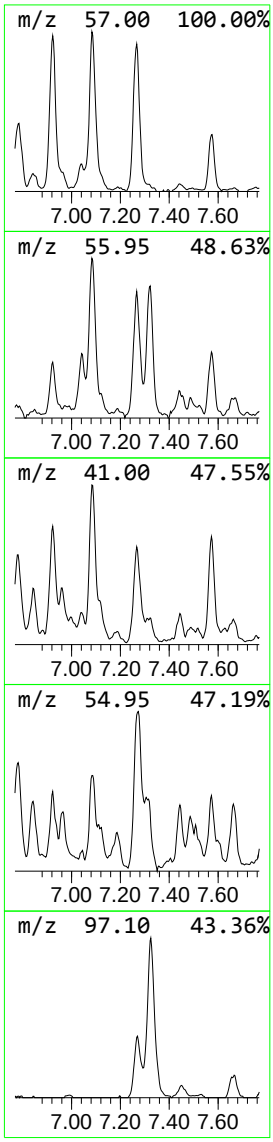
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Formic acid, 2,4,4-trimethy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.267	4.23 ug/L	97342	Chlorobenzene-d5	8.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formic acid, 2,4,4-trimethylpent...	158	C9H18O2	1000368-95-2	50
2	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	38
3	Pentane, 2,2,4-trimethyl-4-nitro-	159	C8H17NO2	005342-78-9	37
4	Heptane, 5-ethyl-2,2,3-trimethyl-	170	C12H26	062199-06-8	37
5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020145.D
Acq On : 22 Jan 2021 18:59
Operator : SY/MD
Sample : M1201-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z9

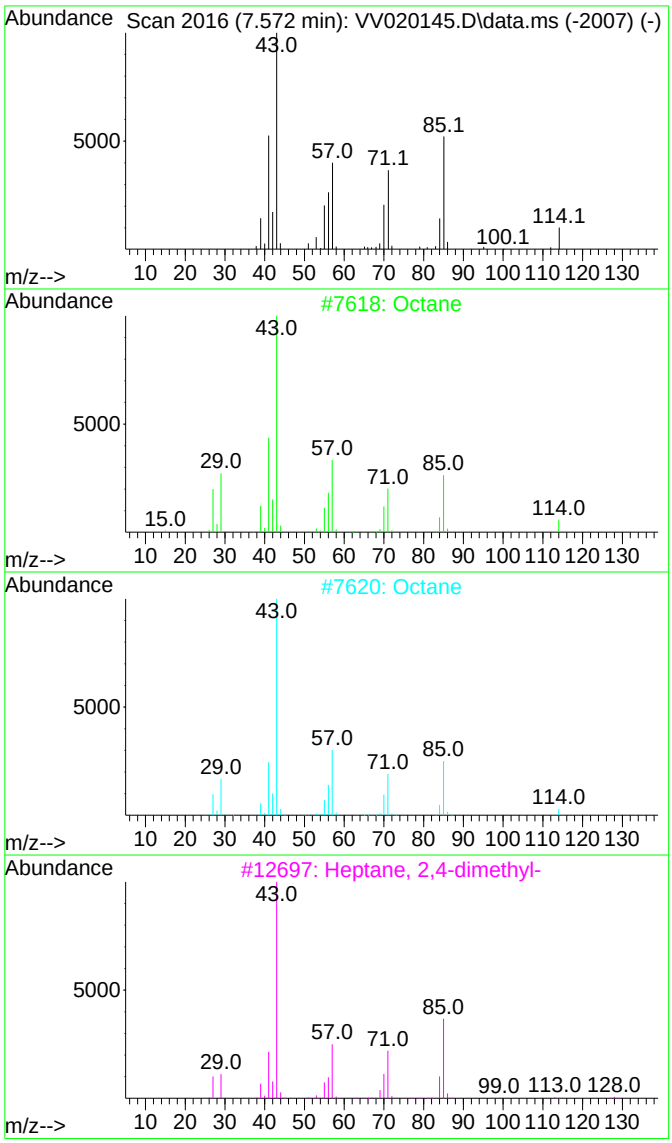
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

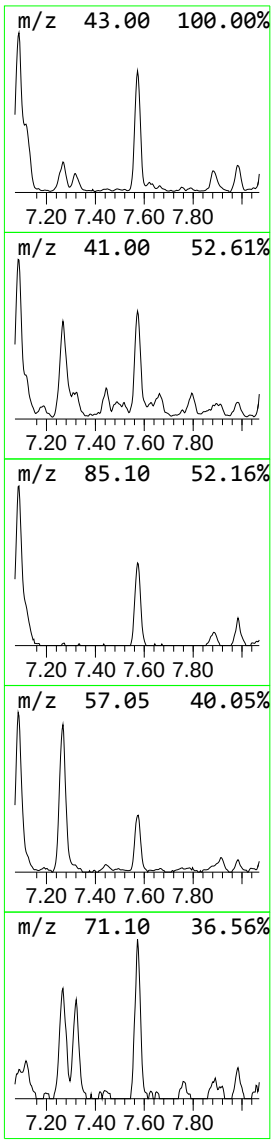
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.572	3.05 ug/L	70023	Chlorobenzene-d5	8.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	91
2	Octane	114	C8H18	000111-65-9	72
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	72
5	Octane	114	C8H18	000111-65-9	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020145.D
Acq On : 22 Jan 2021 18:59
Operator : SY/MD
Sample : M1201-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z9

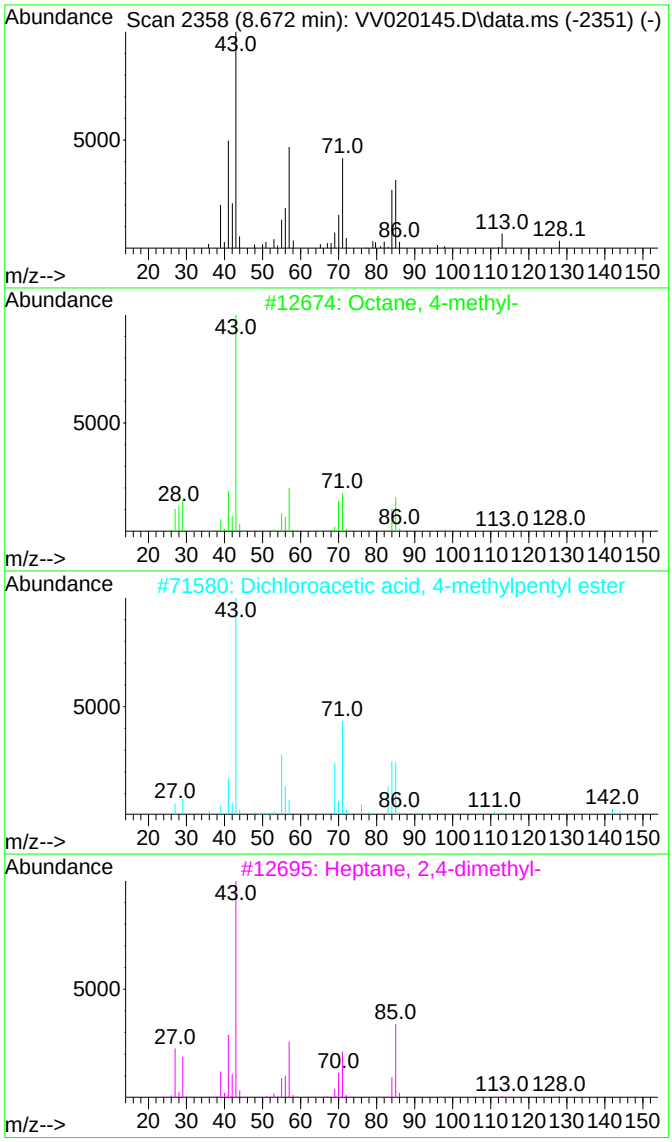
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

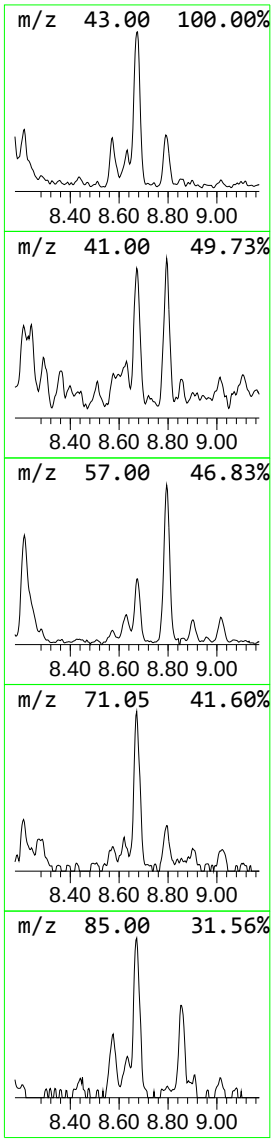
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.672	2.90 ug/L	66639	Chlorobenzene-d5	8.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	53
2	Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	53
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	53
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020145.D
Acq On : 22 Jan 2021 18:59
Operator : SY/MD
Sample : M1201-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z9

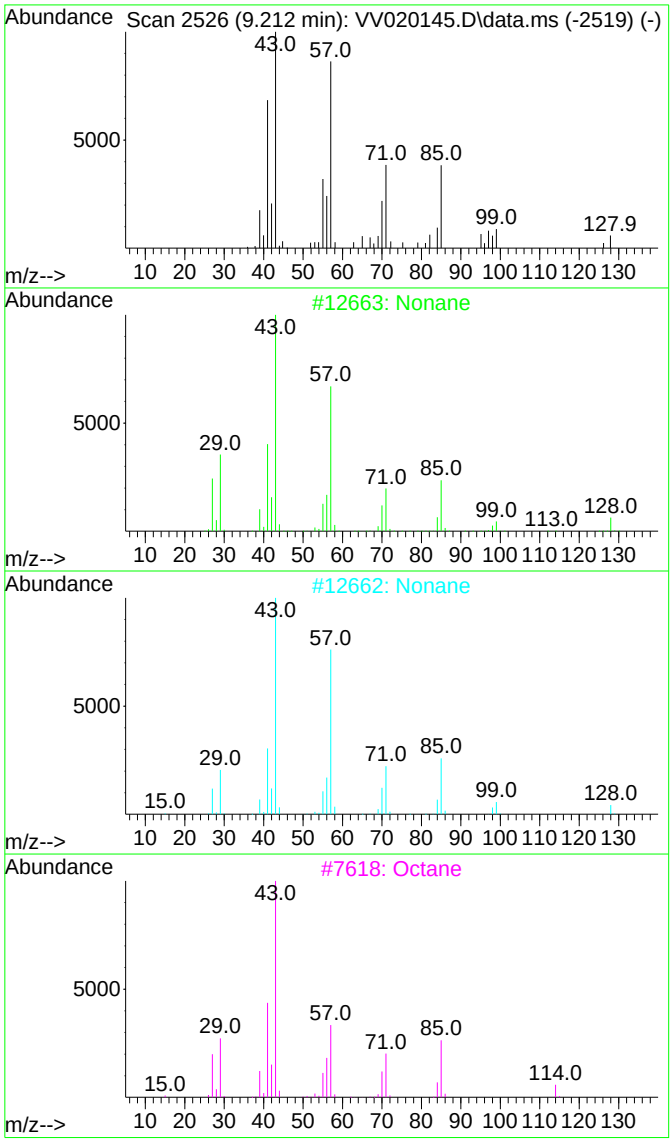
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

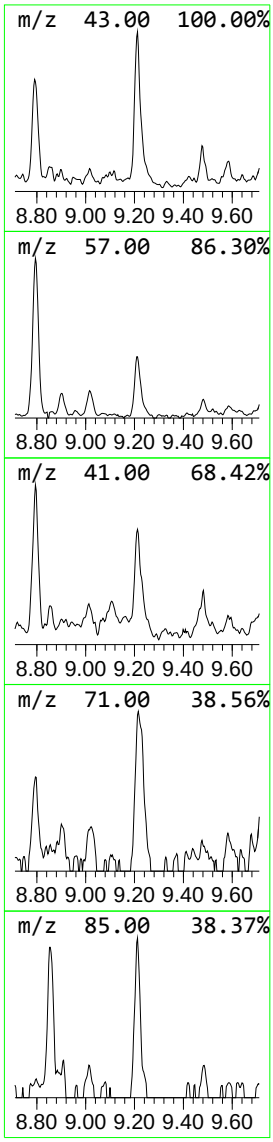
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.212	3.03 ug/L	69557	Chlorobenzene-d5	8.858

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	91
2	Nonane	128	C9H20	000111-84-2	87
3	Octane	114	C8H18	000111-65-9	64
4	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	59
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020145.D
Acq On : 22 Jan 2021 18:59
Operator : SY/MD
Sample : M1201-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z9

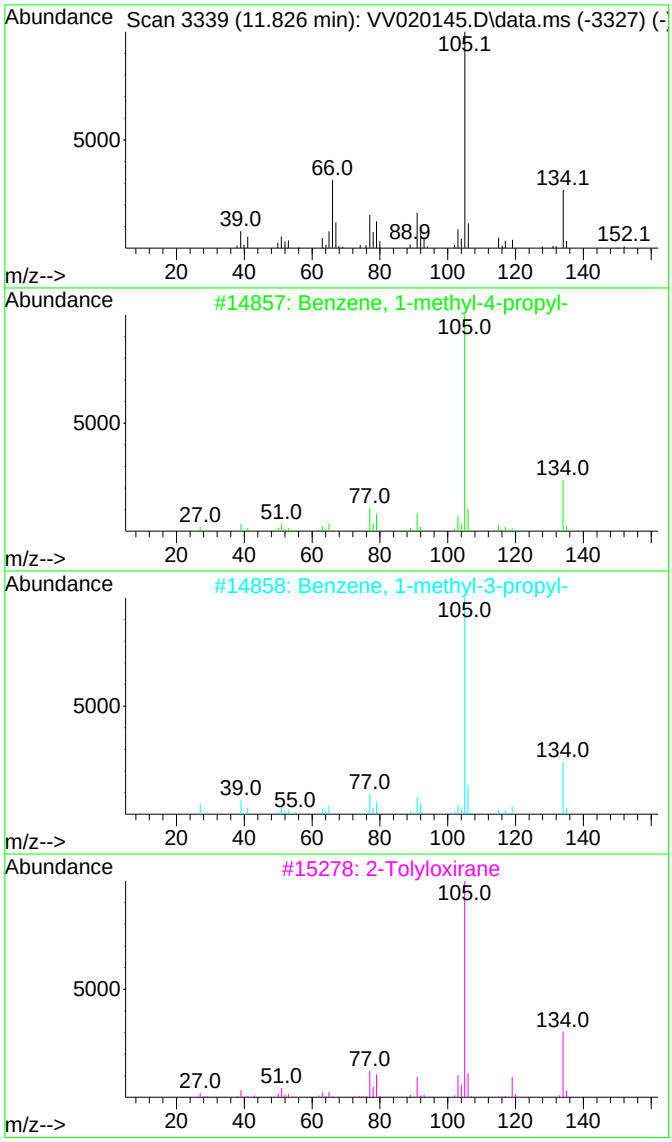
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

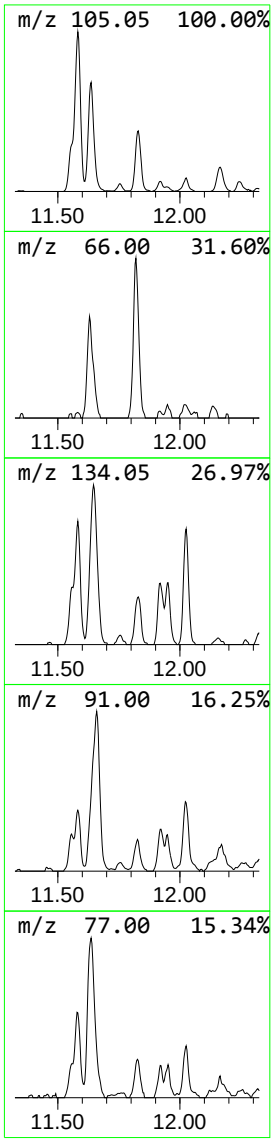
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1-methyl-4-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.826	2.94 ug/L	77744	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	50
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	46
3	2-Tolyloxirane	134	C9H10O	002783-26-8	46
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	45
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020145.D
Acq On : 22 Jan 2021 18:59
Operator : SY/MD
Sample : M1201-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z9

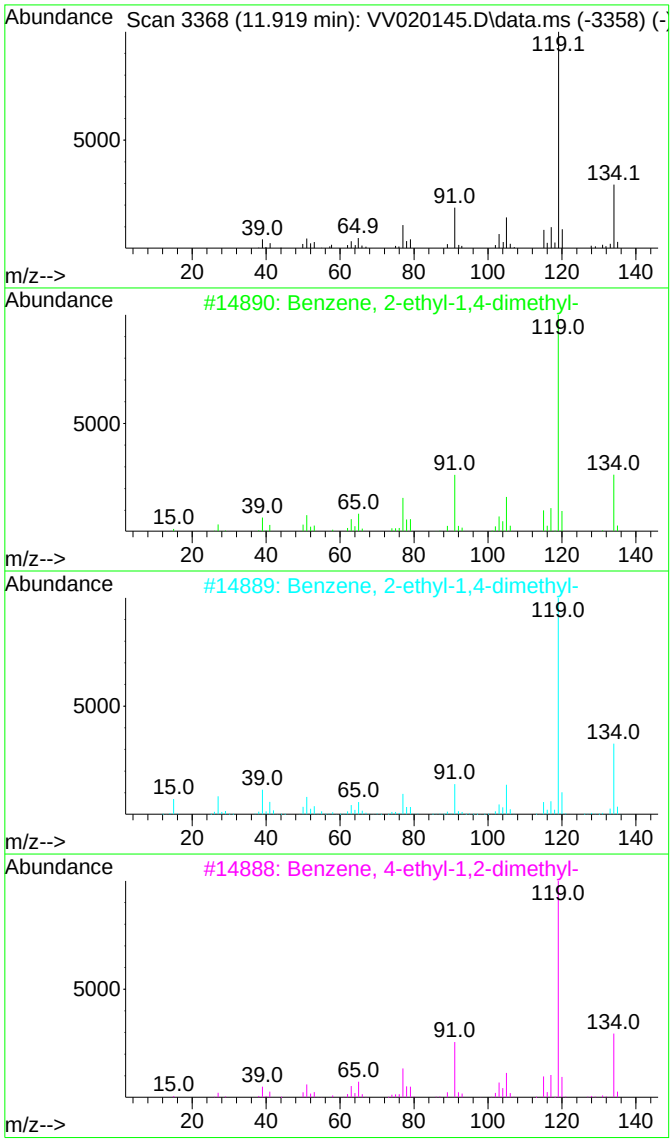
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

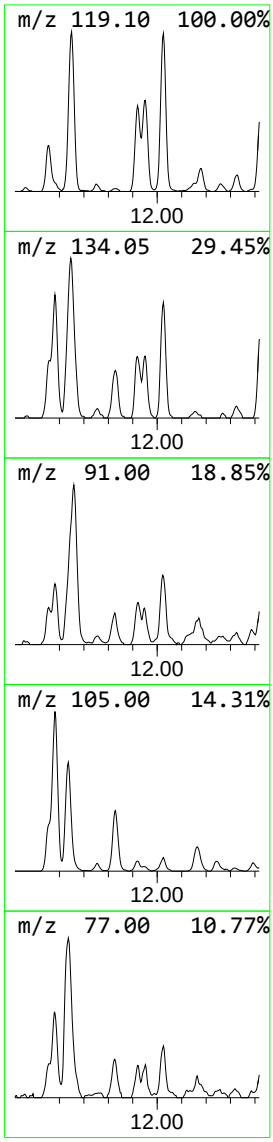
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.919	2.58 ug/L	68359	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	o-Cymene	134	C10H14	000527-84-4	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020145.D
Acq On : 22 Jan 2021 18:59
Operator : SY/MD
Sample : M1201-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z9

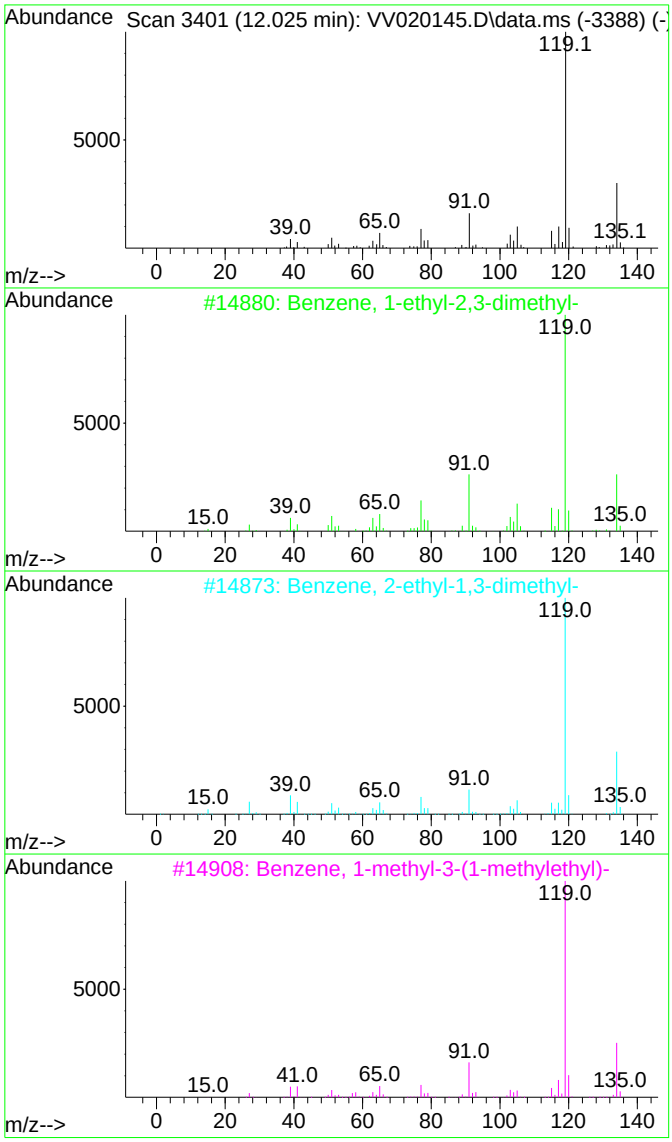
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

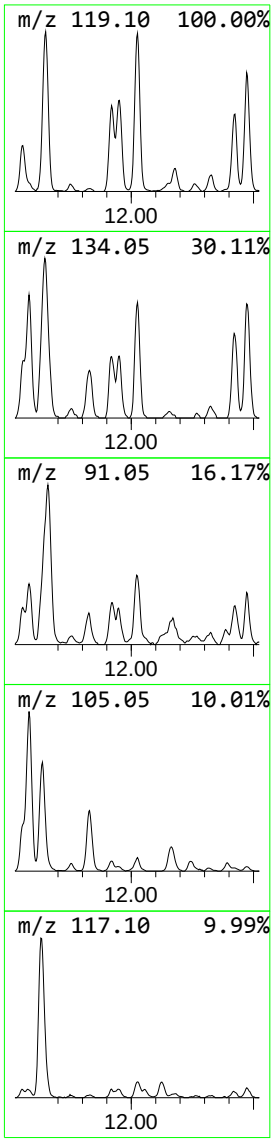
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.025	5.05 ug/L	133775	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020145.D
Acq On : 22 Jan 2021 18:59
Operator : SY/MD
Sample : M1201-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Z9

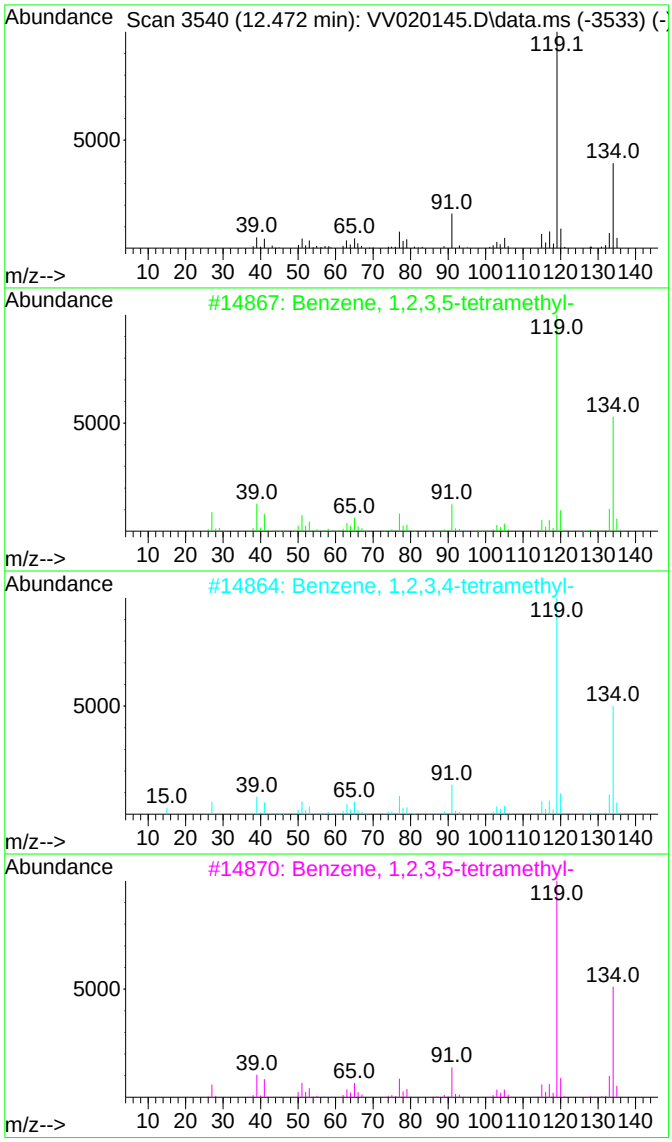
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

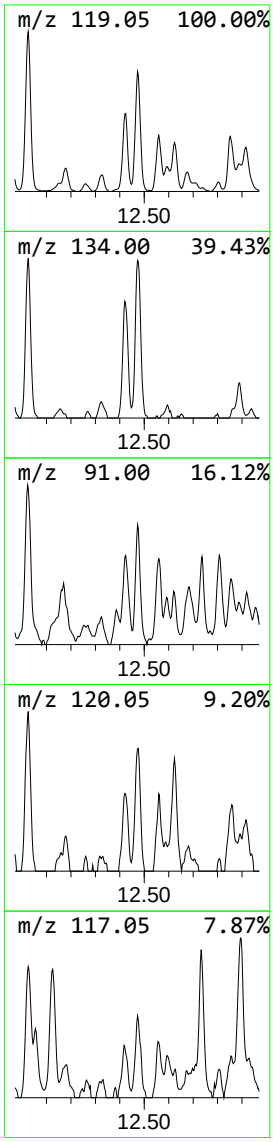
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.472	3.56 ug/L	94343	1,4-Dichlorobenzene-d4	11.257

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020145.D
Acq On : 22 Jan 2021 18:59
Operator : SY/MD
Sample : M1201-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

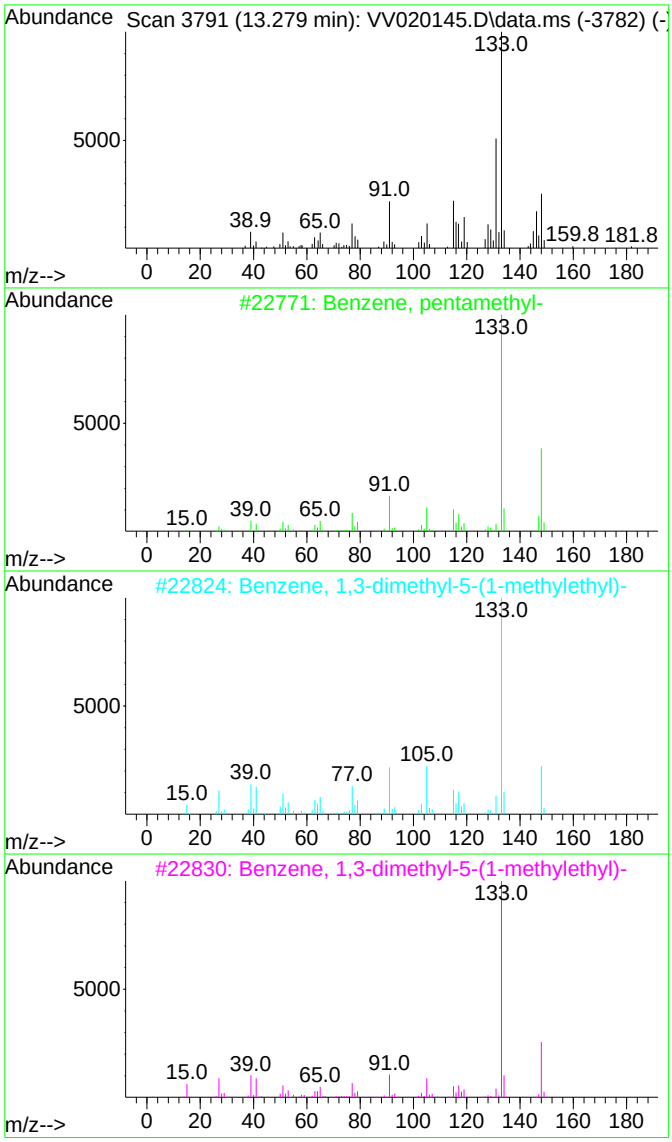
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

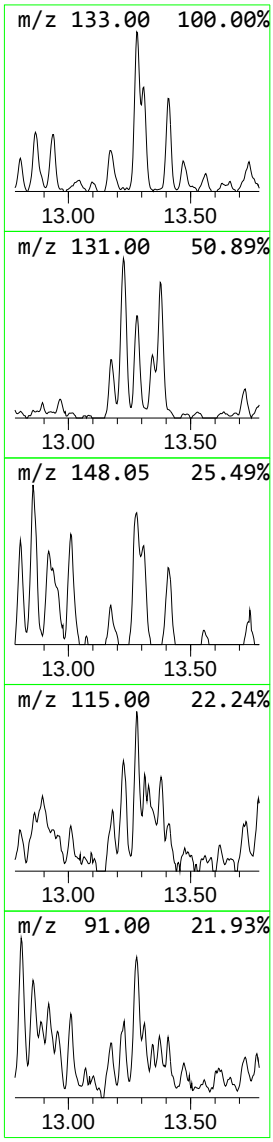
****

Peak Number 20 Benzene, pentamethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.280	3.04 ug/L	80361	1,4-Dichlorobenzene-d4	11.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	53
2	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	49
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	49
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	46
5	Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020145.D
Acq On : 22 Jan 2021 18:59
Operator : SY/MD
Sample : M1201-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Z9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	2.534	8.4	ug/L	155507	1	5.621	928780	50.0
(DEL) Alkane: S...	2.765	13.2	ug/L	244841	1	5.621	928780	50.0
(DEL) Alkane: S...	3.045	46.3	ug/L	860166	1	5.621	928780	50.0
(DEL) Alkane: C...	3.769	27.5	ug/L	510566	1	5.621	928780	50.0
(DEL) Alkane: S...	4.913	3.7	ug/L	69201	1	5.621	928780	50.0
(DEL) Alkane: S...	5.498	2.8	ug/L	51115	1	5.621	928780	50.0
(DEL) Alkane: S...	6.659	6.2	ug/L	114450	1	5.621	928780	50.0
(DEL) Alkane: S...	6.781	6.2	ug/L	114856	1	5.621	928780	50.0
(DEL) Alkane: S...	6.923	4.3	ug/L	79892	1	5.621	928780	50.0
(DEL) Alkane: S...	7.087	8.1	ug/L	151280	1	5.621	928780	50.0
Formic acid, 2,...	7.267	4.2	ug/L	97342	2	8.858	1149620	50.0
(DEL) Alkane: S...	7.572	3.0	ug/L	70023	2	8.858	1149620	50.0
(DEL) Alkane: S...	8.672	2.9	ug/L	66639	2	8.858	1149620	50.0
(DEL) Alkane: S...	9.212	3.0	ug/L	69557	2	8.858	1149620	50.0
Benzene, 1-meth...	11.826	2.9	ug/L	77744	3	11.257	1323360	50.0
Benzene, 2-ethy...	11.919	2.6	ug/L	68359	3	11.257	1323360	50.0
Benzene, 1-ethy...	12.025	5.0	ug/L	133775	3	11.257	1323360	50.0
Benzene, 1,2,3,...	12.472	3.6	ug/L	94343	3	11.257	1323360	50.0
Benzene, pentam...	13.280	3.0	ug/L	80361	3	11.257	1323360	50.0