LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020146.D
Acq On : 22 Jan 2021 19:23
Operator : SY/MD
Sample : M1201-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG500

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: VV020146.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	19	rVB2	31489	29834	1.86%	0.166%
2	1.309	60	68	80	rVB	263699	268457	16.72%	1.498%
3	1.396	85	95	112	rBV	47213	175595	10.93%	0.980%
4	1.569	143	149	162	rVB	214459	248896	15.50%	1.389%
5	2.110	307	317	354	rVB	355965	556098	34.63%	3.103%
6	2.296	367	375	387	rVB	6690	11059	0.69%	0.062%
7	2.534	440	449	468	rVB	91327	173867	10.83%	0.970%
8	2.766	504	521	539	rBV	149973	303744	18.91%	1.695%
9	2.949	572	578	581	rBV5	1569	1704	0.11%	0.010%
10	3.045	593	608	637	rBV	558139	1109209	69.07%	6.190%
11	3.293	675	685	686	rBV8	4137	5519	0.34%	0.031%
12	3.676	796	804	805	rBV5	2983	3993	0.25%	0.022%
13	3.769	815	833	856	rVB	252893	628871	39.16%	3.509%
14	3.891	860	871	903	rBV	109522	320569	19.96%	1.789%
15	4.354	999	1015	1045	rVV	261066	647626	40.33%	3.614%
16	4.679	1101	1116	1131	rBV3	21920	55080	3.43%	0.307%
17	4.772	1133	1145	1162	rVB5	14727	37801	2.35%	0.211%
18	4.913	1176	1189	1210	rVB3	23696	58023	3.61%	0.324%
19	5.052	1214	1232	1261	rBV2	618854	1605881	100.00%	8.961%
20	5.238	1280	1290	1308	rVB3	40602	107563	6.70%	0.600%
21	5.325	1308	1317	1327	rBV3	2990	6865	0.43%	0.038%
22	5.495	1358	1370	1383	rBV5	20094	44122	2.75%	0.246%
23	5.621	1396	1409	1438	rBV	501930	1011264	62.97%	5.643%
24	5.913	1488	1500	1513	rVV4	18079	37412	2.33%	0.209%
25	6.074	1536	1550	1580	rBV	391595	832553	51.84%	4.646%
26	6.203	1580	1590	1599	rVV4	17724	34489	2.15%	0.192%
27	6.261	1601	1608	1619	rVB4	23562	42727	2.66%	0.238%
28	6.463	1657	1671	1684	rVB6	11141	24966	1.55%	0.139%
29	6.656	1712	1731	1750	rVB3	45769	107390	6.69%	0.599%
30	6.781	1750	1770	1781	rBV2	48688	108967	6.79%	0.608%
31	6.843	1781	1789	1801	rVB3	21004	37486	2.33%	0.209%
32	6.923	1806	1814	1821	rBV2	41028	64330	4.01%	0.359%
33	6.990	1827	1835	1849	rVB	200509	339263	21.13%	1.893%
34	7.087	1856	1865	1888	rVB2	63946	136074	8.47%	0.759%
35	7.267	1910	1921	1927	rBV4	44750	83408	5.19%	0.465%
36	7.318	1927	1937	1959	rVB	812509	1384647	86.22%	7.727%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020146.D
Acq On : 22 Jan 2021 19:23
Operator : SY/MD
Sample : M1201-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG500

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	7.444	1968	1976	1983	rBV5	10296	16853	1.05%	0.094%
38	7.572	2007	2016	2024	rBV2	36726	58241	3.63%	0.325%
39	7.624	2024	2032	2058	rVB	123590	234050	14.57%	1.306%
40	7.794	2078	2085	2096	rVB3	12654	21288	1.33%	0.119%
41	7.855	2097	2104	2107	rBV7	2735	3846	0.24%	0.021%
42	7.981	2131	2143	2154	rBV5	8778	16338	1.02%	0.091%
43	8.093	2167	2178	2207	rBV2	357046	717315	44.67%	4.003%
44	8.360	2254	2261	2269	rBV4	9006	14438	0.90%	0.081%
45	8.508	2303	2307	2308	rBV4	3168	2374	0.15%	0.013%
46	8.576	2318	2328	2331	rBV3	8762	12777	0.80%	0.071%
47	8.672	2351	2358	2371	rVB2	35923	59081	3.68%	0.330%
48	8.794	2385	2396	2405	rBV2	31830	54241	3.38%	0.303%
49	8.855	2405	2415	2439	rVV	719785	1164459	72.51%	6.498%
50	9.212	2518	2526	2549	rVB6	28260	66887	4.17%	0.373%
51	9.322	2552	2560	2568	rBV9	3082	5231	0.33%	0.029%
52	9.428	2584	2593	2595	rBV8	1624	2574	0.16%	0.014%
53	9.476	2599	2608	2618	rVV5	13879	25384	1.58%	0.142%
54	9.585	2629	2642	2653	rBV5	5072	12425	0.77%	0.069%
55	9.640	2657	2659	2664	rVB3	2565	1804	0.11%	0.010%
56	9.714	2664	2682	2693	rBV3	10636	29589	1.84%	0.165%
57	10.222	2828	2840	2861	rVB	498294	780382	48.60%	4.355%
58	10.521	2928	2933	2937	rBV6	2476	2991	0.19%	0.017%
59	10.733	2993	2999	3012	rVV	10797	12825	0.80%	0.072%
60	11.064	3090	3102	3107	rBV2	8324	13723	0.85%	0.077%
61	11.158	3125	3131	3136	rBV5	3683	4820	0.30%	0.027%
62	11.203	3138	3145	3151	rVV3	12263	17229	1.07%	0.096%
63	11.254	3151	3161	3183	rVB	828074	1286899	80.14%	7.181%
64	11.463	3219	3226	3234	rVB9	3766	7127	0.44%	0.040%
65	11.556	3241	3255	3257	rBV3	45048	56971	3.55%	0.318%
66	11.633	3269	3279	3300	rVB	910862	1551000	96.58%	8.655%
67	11.756	3309	3317	3323	rVV3	7094	10142	0.63%	0.057%
68	11.826	3326	3339	3353	rVB3	42465	72808	4.53%	0.406%
69	11.920	3359	3368	3373	rBV	39385	62931	3.92%	0.351%
70	12.026	3390	3401	3421	rVB2	71467	123691	7.70%	0.690%
71	12.129	3421	3433	3436	rBV3	13218	19339	1.20%	0.108%
72	12.254	3462	3472	3483	rBV9	9400	21891	1.36%	0.122%
73	12.318	3483	3492	3503	rVB3	9583	17656	1.10%	0.099%
74	12.389	3503	3514	3516	rBV8	7937	10140	0.63%	0.057%
75	12.421	3518	3524	3533	rVB2	36572	50360	3.14%	0.281%
76	12.473	3533	3540	3556	rVB	60325	90713	5.65%	0.506%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020146.D
Acq On : 22 Jan 2021 19:23
Operator : SY/MD
Sample : M1201-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG500

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	12.559	3557	3567	3573	rBV2	34846	52285	3.26%	0.292%
78	12.595	3574	3578	3583	rVB	11142	11205	0.70%	0.063%
79	12.682	3597	3605	3614	rBV6	13093	28222	1.76%	0.157%
80	12.736	3616	3622	3631	rVB3	29400	38496	2.40%	0.215%
81	12.804	3635	3643	3651	rBV4	18463	25833	1.61%	0.144%
82	12.858	3651	3660	3666	rBV3	24020	44961	2.80%	0.251%
83	13.010	3699	3707	3717	rBV2	22883	33870	2.11%	0.189%
84	13.177	3749	3759	3765	rBV3	18037	27068	1.69%	0.151%
85	13.225	3766	3774	3782	rVB2	23701	35249	2.19%	0.197%
86	13.280	3782	3791	3797	rBV3	48490	75418	4.70%	0.421%
87	13.376	3817	3821	3827	rVB3	14048	15450	0.96%	0.086%
88	13.408	3828	3831	3841	rVB2	16221	20090	1.25%	0.112%
89	13.476	3844	3852	3859	rBV2	5343	10075	0.63%	0.056%
90	13.556	3872	3877	3888	rVB9	3723	6395	0.40%	0.036%
91	13.617	3888	3896	3903	rBV9	4681	8753	0.55%	0.049%
92	13.723	3920	3929	3938	rBV9	13121	26410	1.64%	0.147%
93	13.919	3982	3990	4000	rBV2	13676	21363	1.33%	0.119%
94	14.048	4024	4030	4036	rVB9	2940	3493	0.22%	0.019%
95	14.100	4037	4046	4060	rBV5	13167	26121	1.63%	0.146%
96	14.196	4071	4076	4082	rBV7	1826	2002	0.12%	0.011%
97	14.244	4082	4091	4098	rBV5	7450	10487	0.65%	0.059%
98	14.305	4105	4110	4122	rVB9	7951	13571	0.85%	0.076%
99	14.373	4122	4131	4133	rBV8	2138	2205	0.14%	0.012%
100	14.617	4201	4207	4211	rBV6	2596	3225	0.20%	0.018%

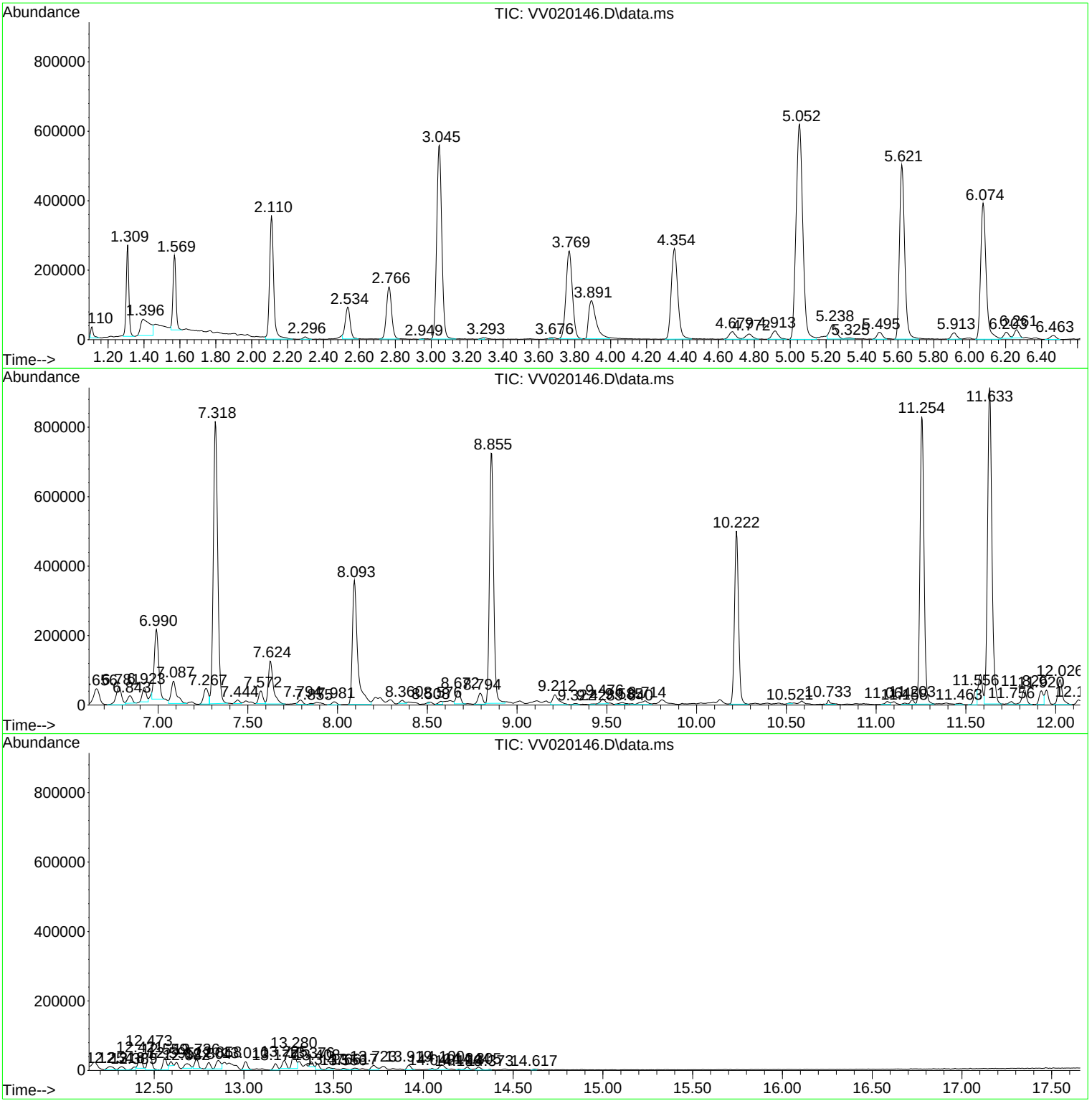
Sum of corrected areas: 17920432

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020146.D
Acq On : 22 Jan 2021 19:23
Operator : SY/MD
Sample : M1201-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG500

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 : VV020146.D
Acq On : 22 Jan 2021 19:23
Operator : SY/MD
Sample : M1201-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG500

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

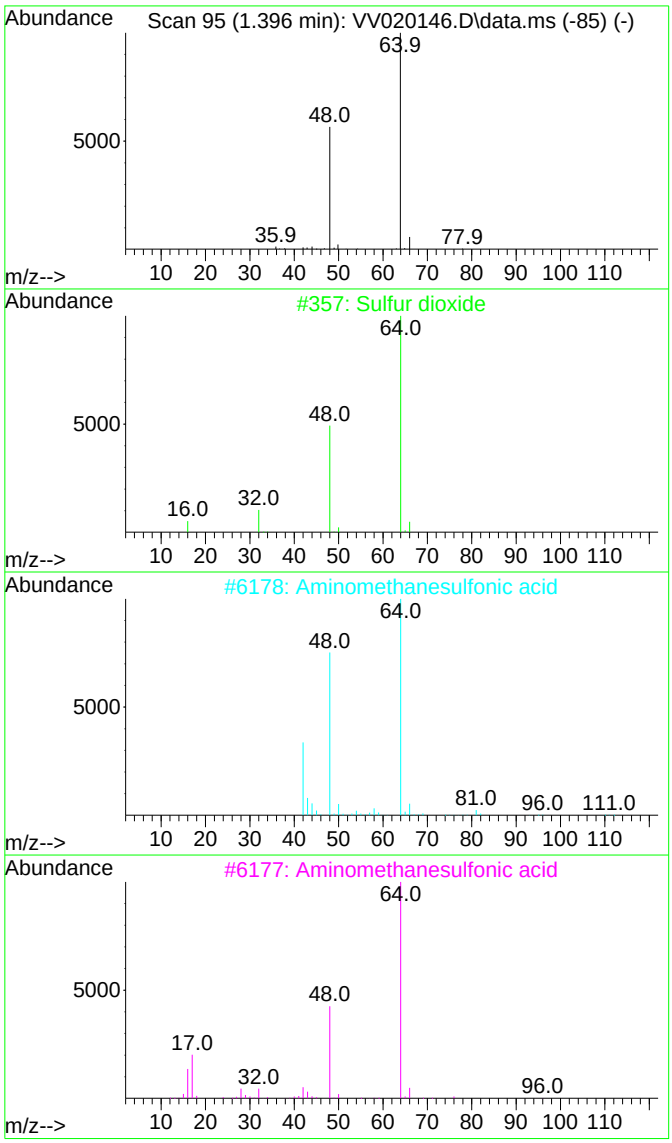
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

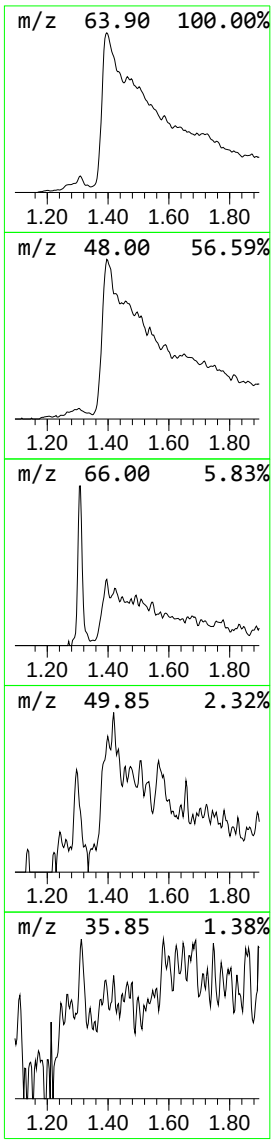
****

Peak Number 1 Sulfur dioxide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.396	8.68 ug/L	175595	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020146.D
Acq On : 22 Jan 2021 19:23
Operator : SY/MD
Sample : M1201-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG500

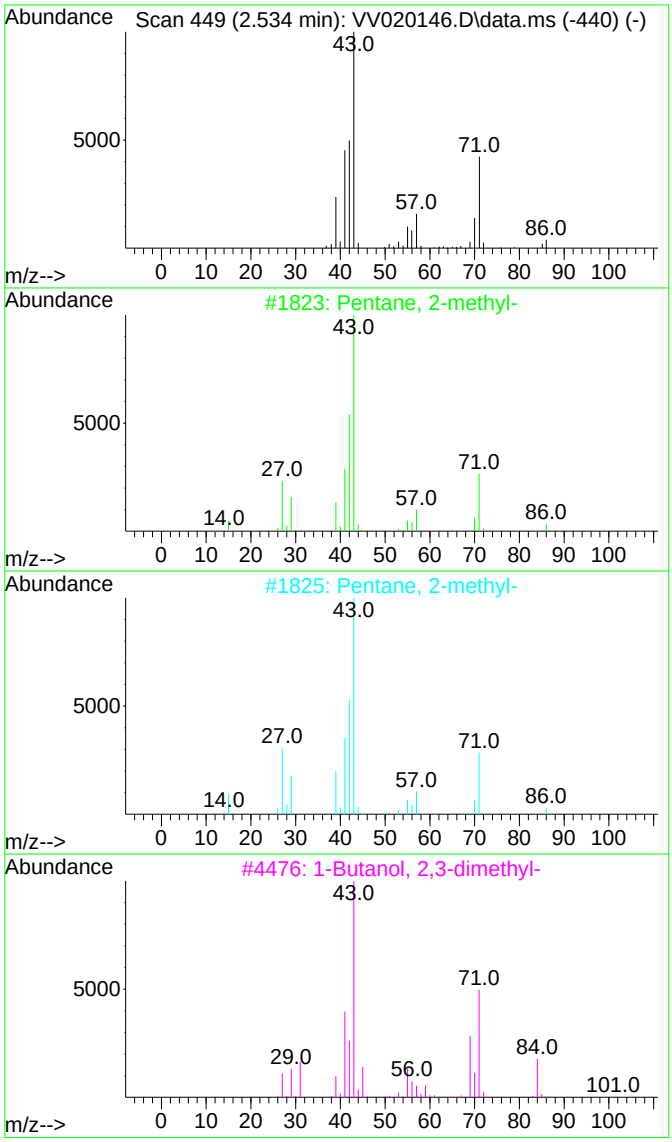
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

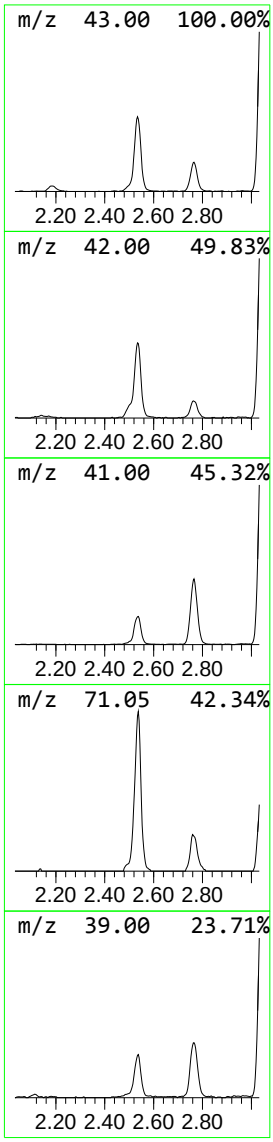
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.534	8.60 ug/L	173867	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	90
3	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	40
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	38
5	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020146.D
Acq On : 22 Jan 2021 19:23
Operator : SY/MD
Sample : M1201-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG500

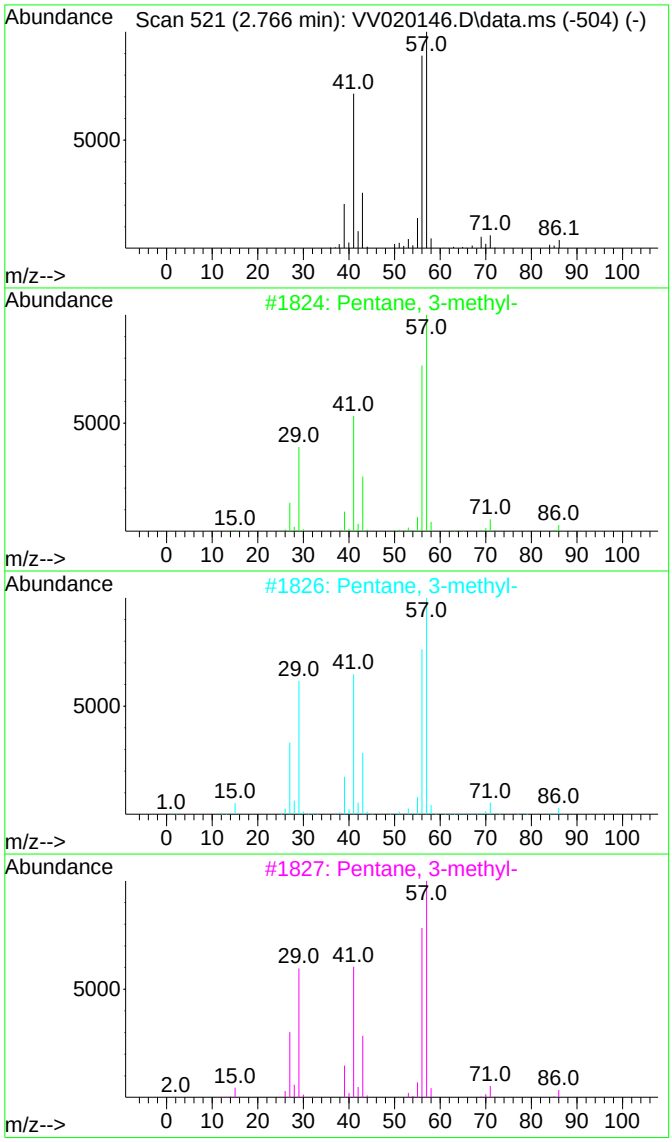
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

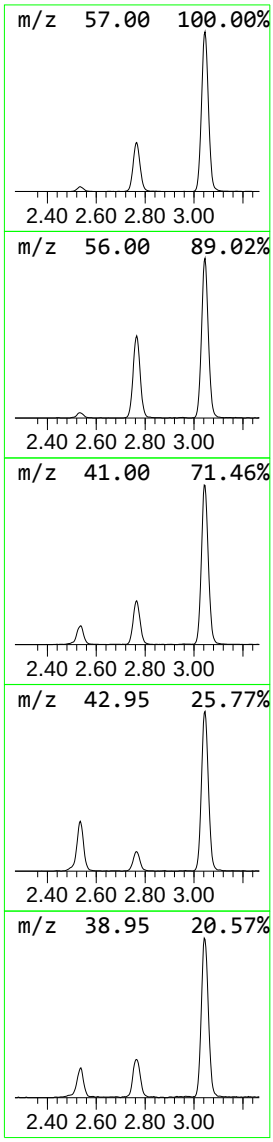
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.766	15.02 ug/L	303744	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	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020146.D
Acq On : 22 Jan 2021 19:23
Operator : SY/MD
Sample : M1201-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG500

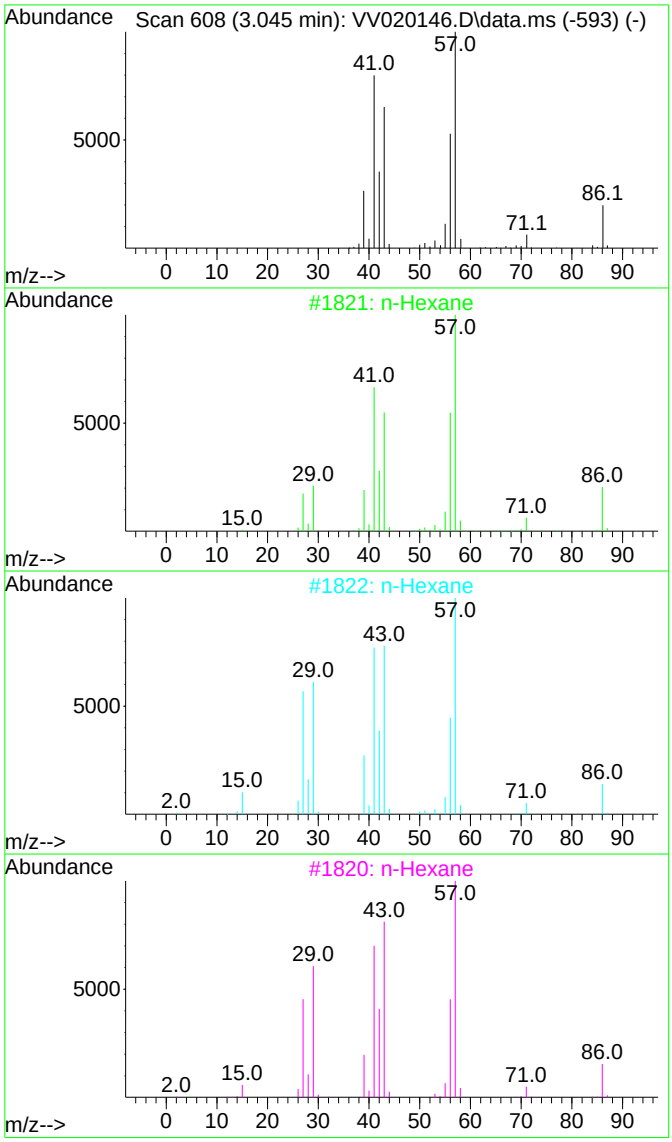
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

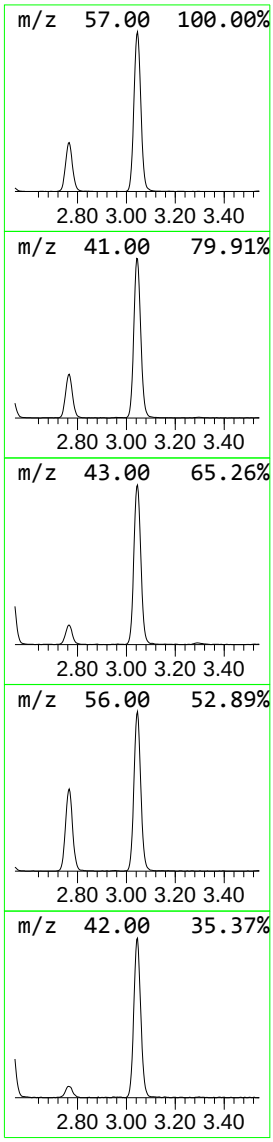
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.045	54.84 ug/L	1109210	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	72
3	n-Hexane	86	C6H14	000110-54-3	64
4	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	43
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020146.D
Acq On : 22 Jan 2021 19:23
Operator : SY/MD
Sample : M1201-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG500

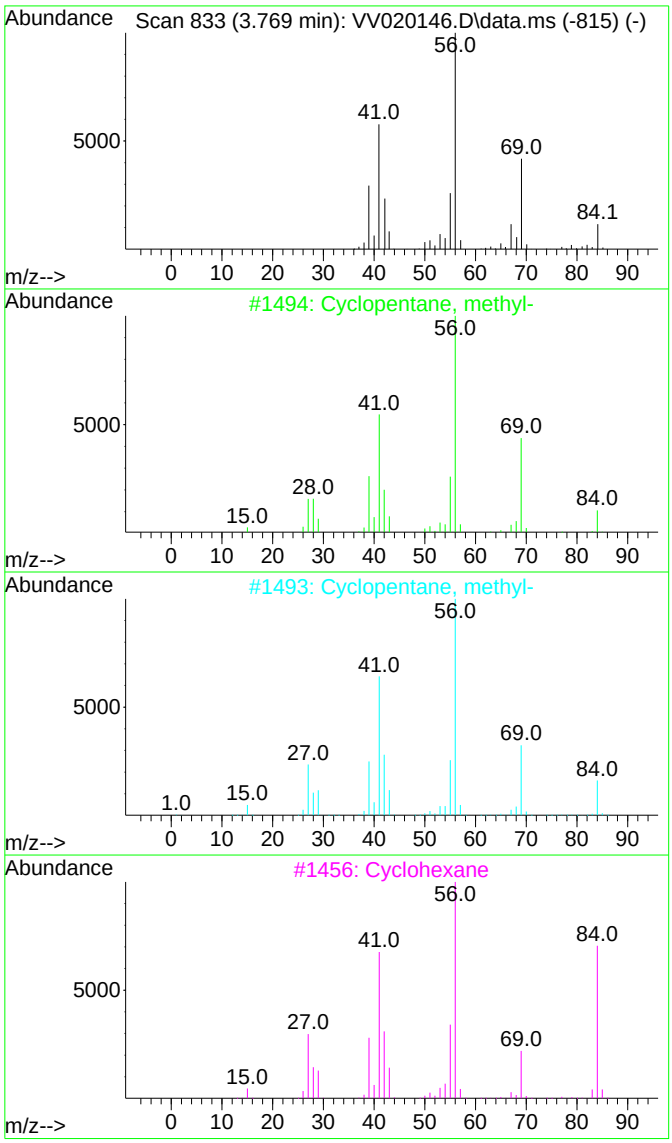
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

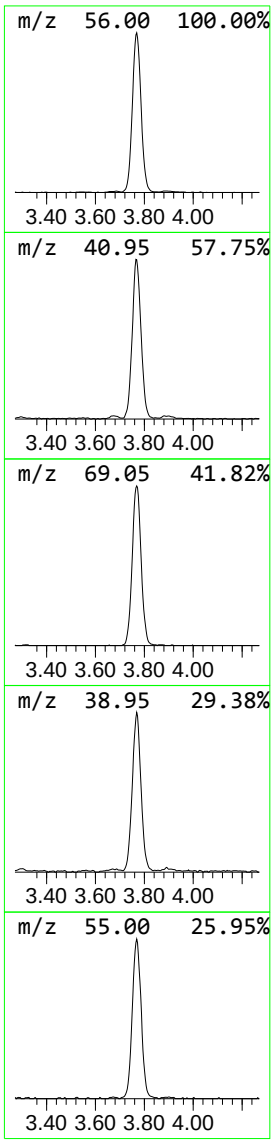
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic3.769 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.769	31.09 ug/L	628871	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	Cyclohexane	84	C6H12	000110-82-7	86
4	Cyclohexane	84	C6H12	000110-82-7	86
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020146.D
Acq On : 22 Jan 2021 19:23
Operator : SY/MD
Sample : M1201-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG500

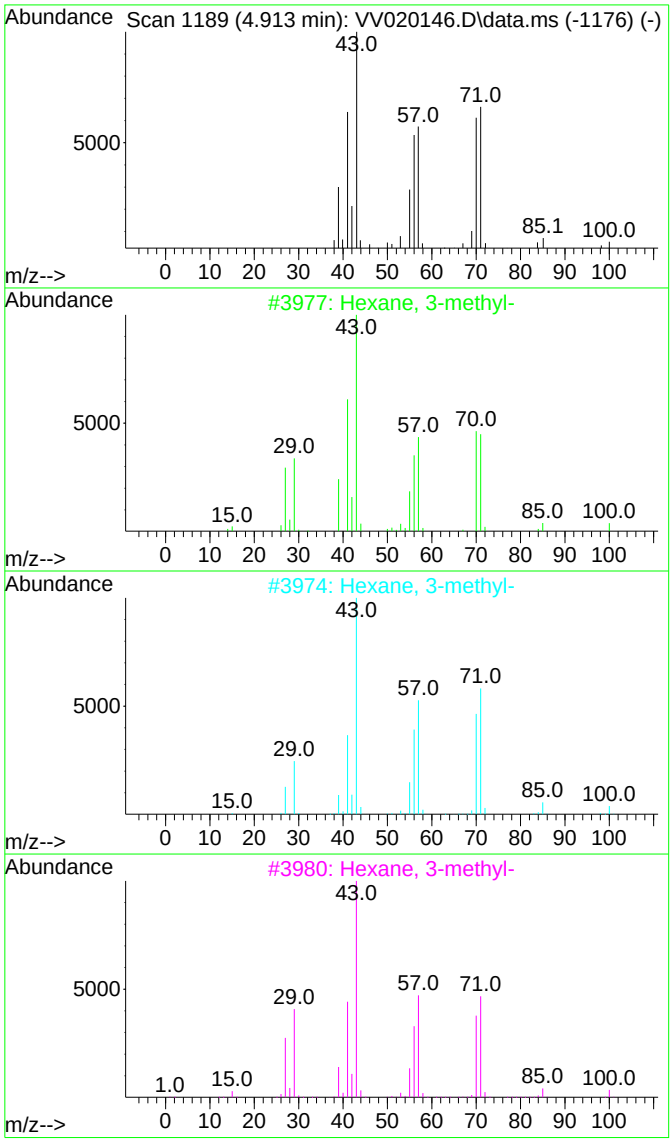
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

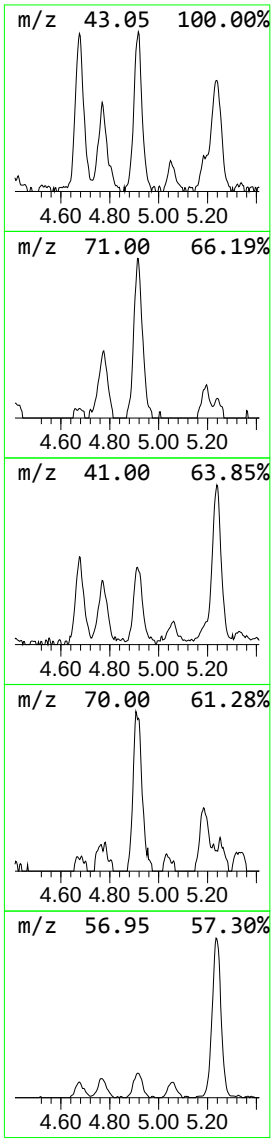
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.913	2.87 ug/L	58023	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	87
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	80
4	Heptane	100	C7H16	000142-82-5	52
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020146.D
Acq On : 22 Jan 2021 19:23
Operator : SY/MD
Sample : M1201-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG500

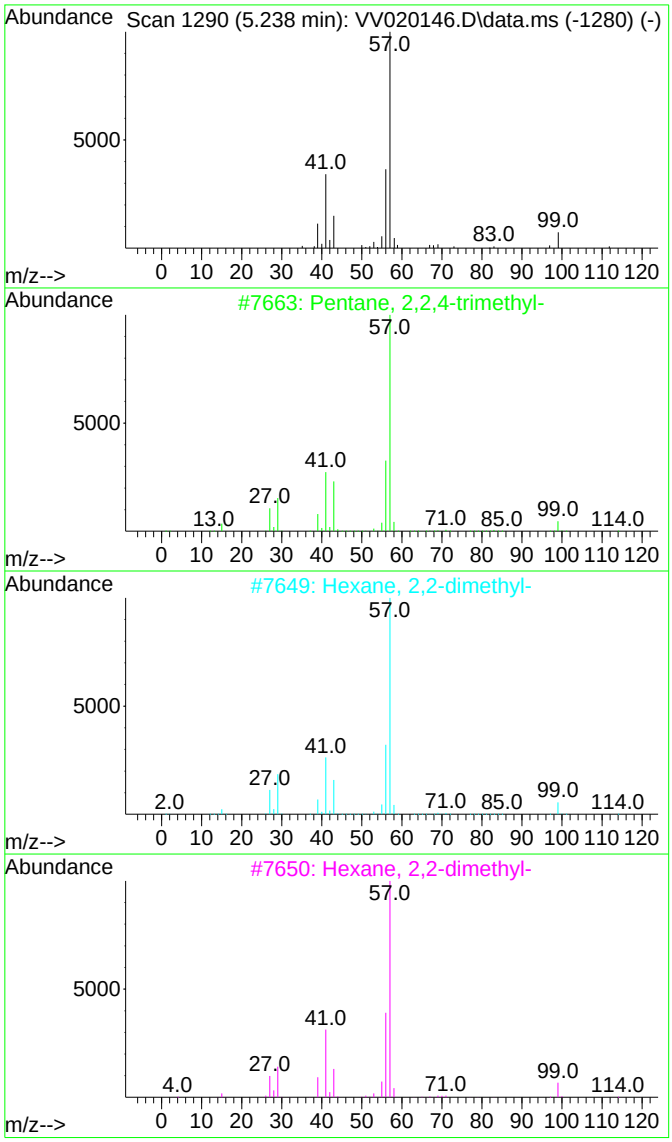
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

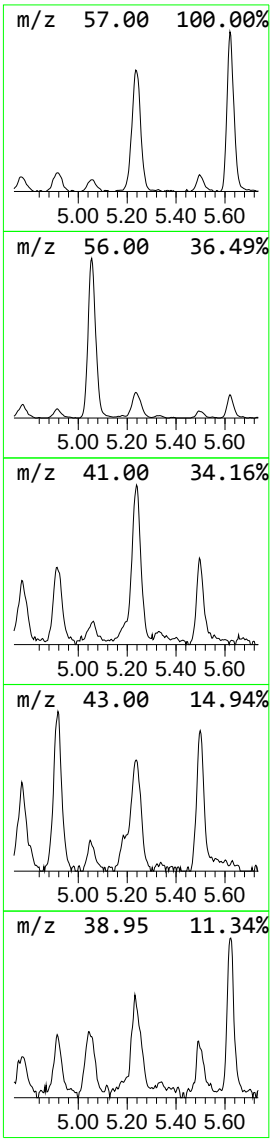
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.238	5.32 ug/L	107563	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
3	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	59
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020146.D
Acq On : 22 Jan 2021 19:23
Operator : SY/MD
Sample : M1201-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG500

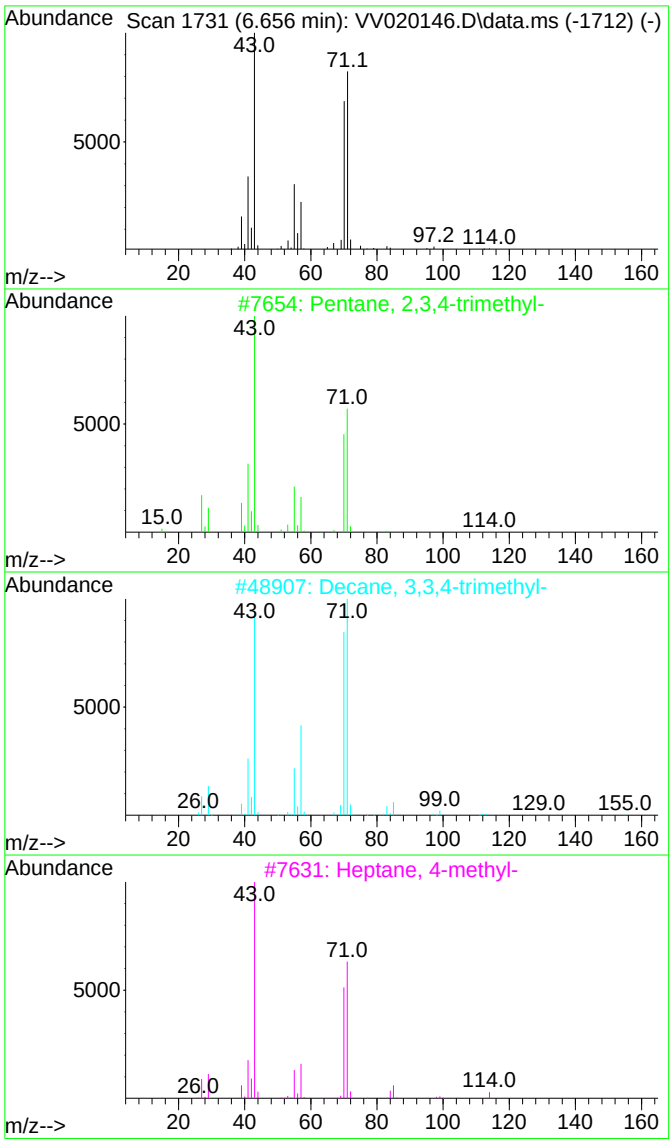
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

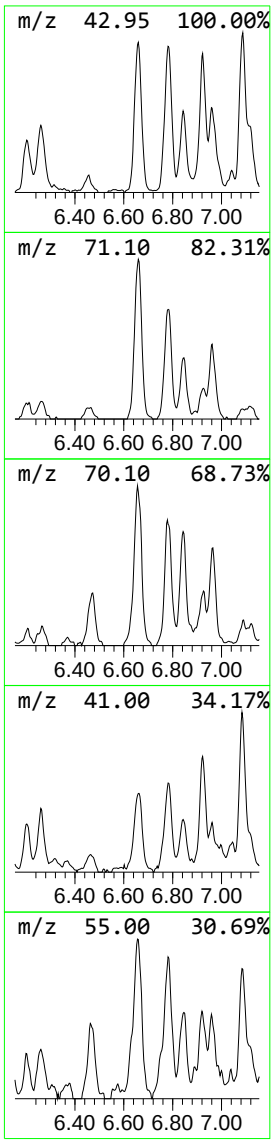
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.656	5.31 ug/L	107390	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	86
2	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	83
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	78
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020146.D
Acq On : 22 Jan 2021 19:23
Operator : SY/MD
Sample : M1201-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG500

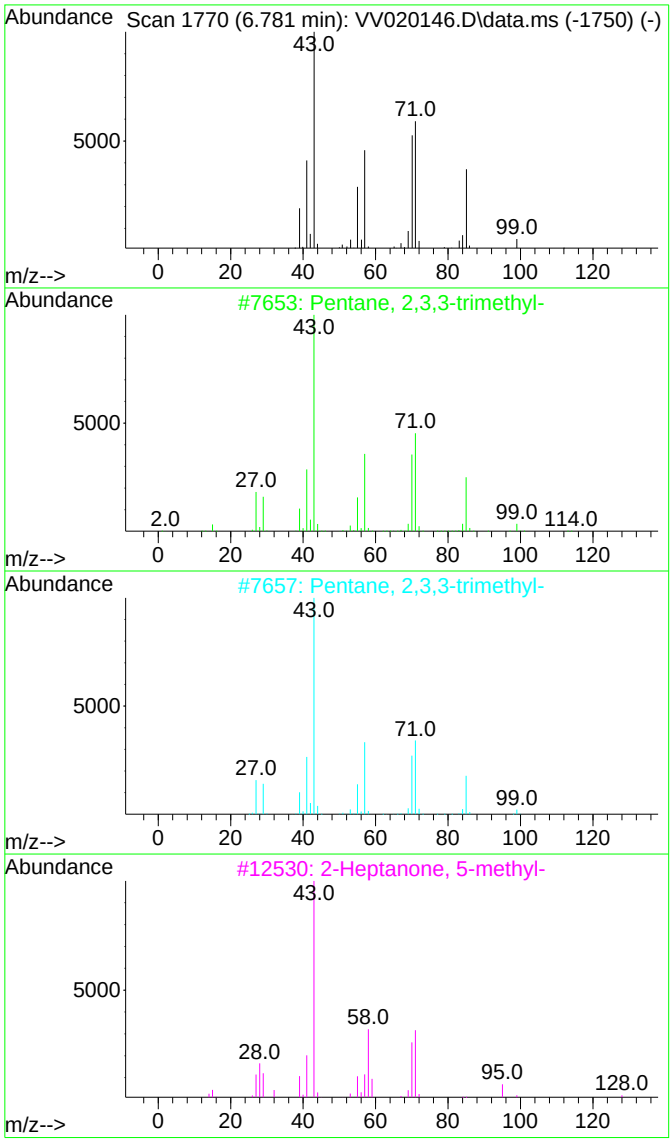
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

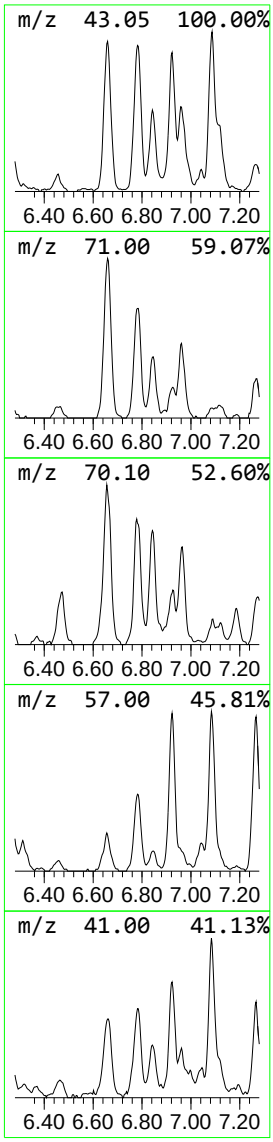
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.781	5.39 ug/L	108967	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	83
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
3	2-Heptanone, 5-methyl-	128	C8H16O	018217-12-4	64
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	64
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020146.D
Acq On : 22 Jan 2021 19:23
Operator : SY/MD
Sample : M1201-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG500

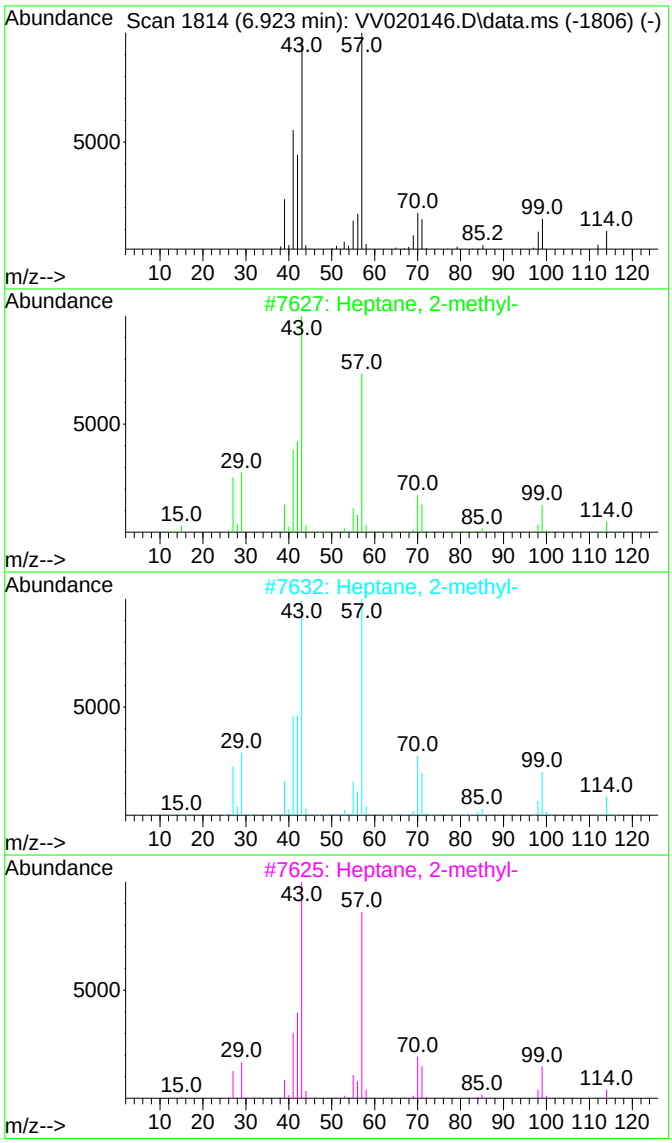
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

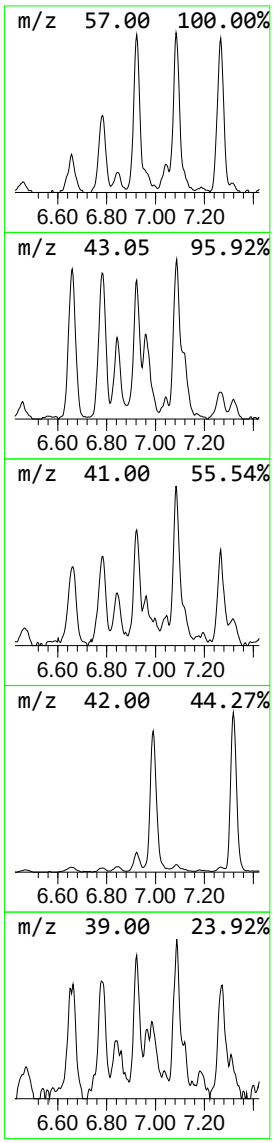
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.923	3.18 ug/L	64330	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	74
3	Heptane, 2-methyl-	114	C8H18	000592-27-8	53
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53
5	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020146.D
Acq On : 22 Jan 2021 19:23
Operator : SY/MD
Sample : M1201-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG500

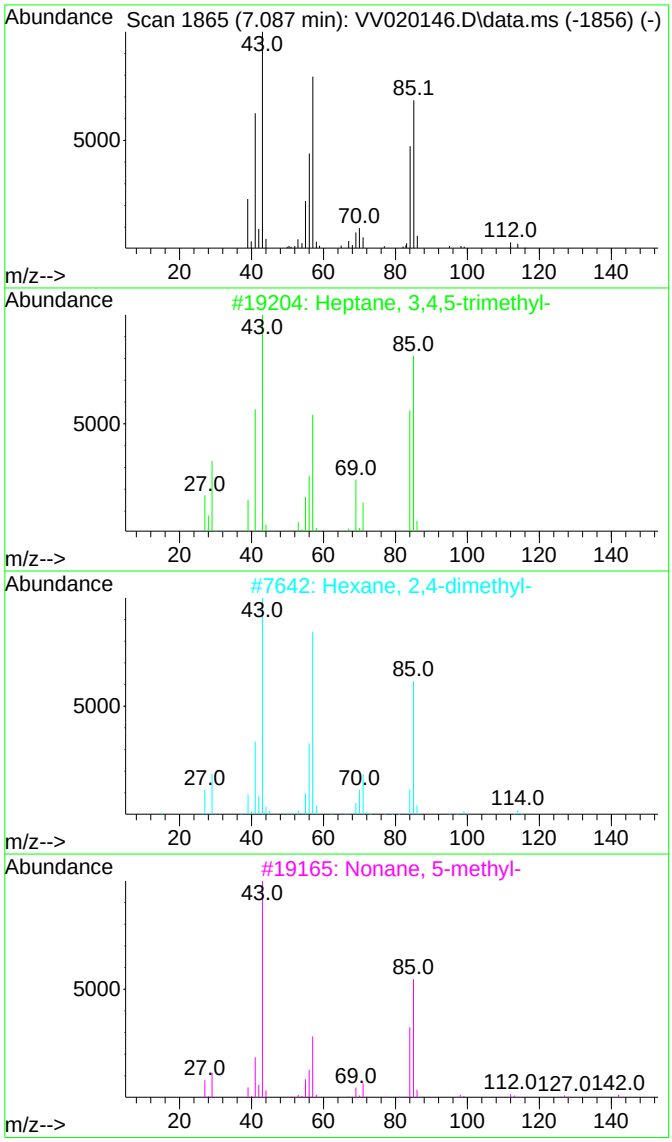
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

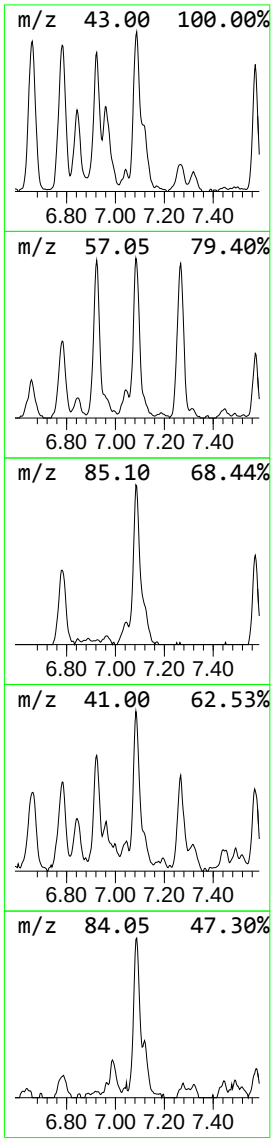
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.087	6.73 ug/L	136074	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	80
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	70
3	Nonane, 5-methyl-	142	C10H22	015869-85-9	64
4	Heptane, 3-methyl-	114	C8H18	000589-81-1	59
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020146.D
Acq On : 22 Jan 2021 19:23
Operator : SY/MD
Sample : M1201-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG500

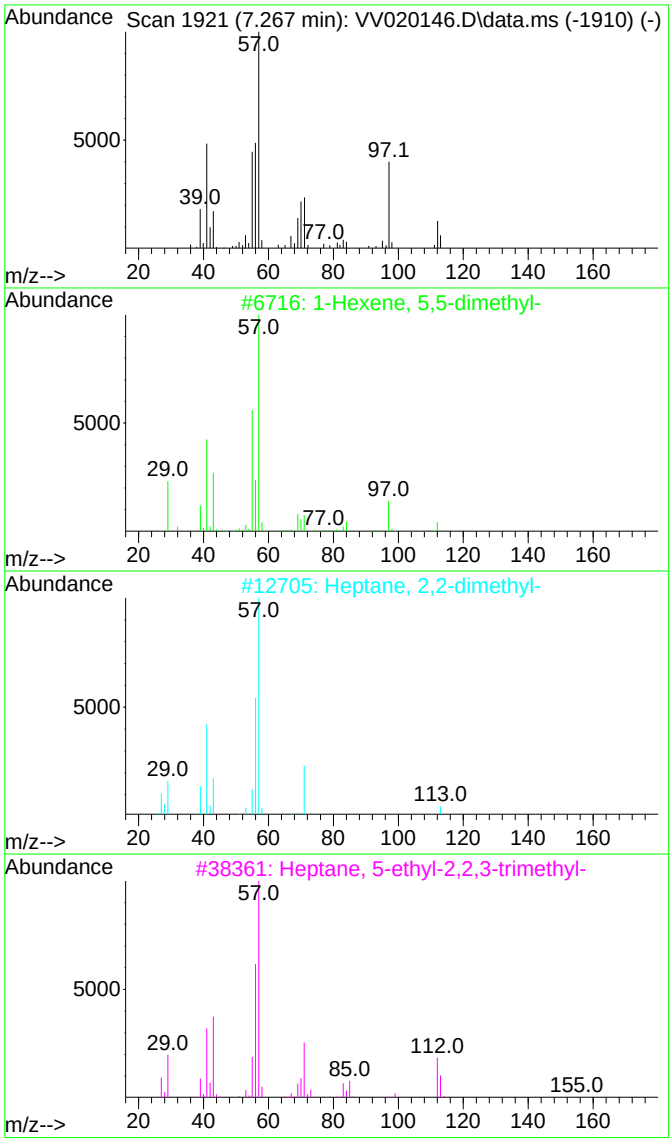
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

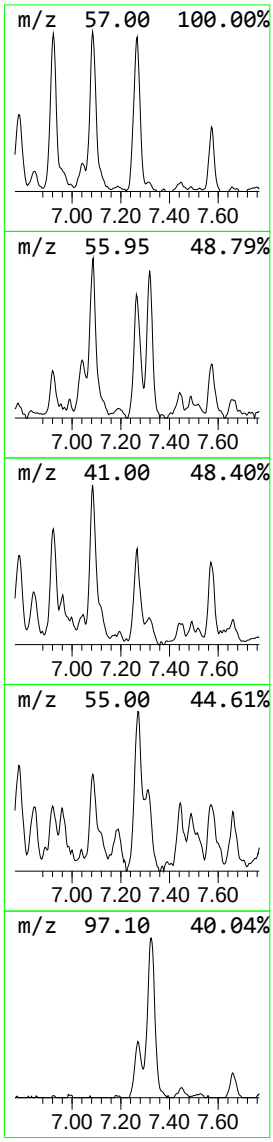
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.267	3.58 ug/L	83408	Chlorobenzene-d5	8.859

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	43
2	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	38
3	Heptane, 5-ethyl-2,2,3-trimethyl-	170	C12H26	062199-06-8	37
4	Pentane, 2-isocyano-2,4,4-trimet...	139	C9H17N	014542-93-9	37
5	Pentane, 2,2,4-trimethyl-4-nitro-	159	C8H17NO2	005342-78-9	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020146.D
Acq On : 22 Jan 2021 19:23
Operator : SY/MD
Sample : M1201-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG500

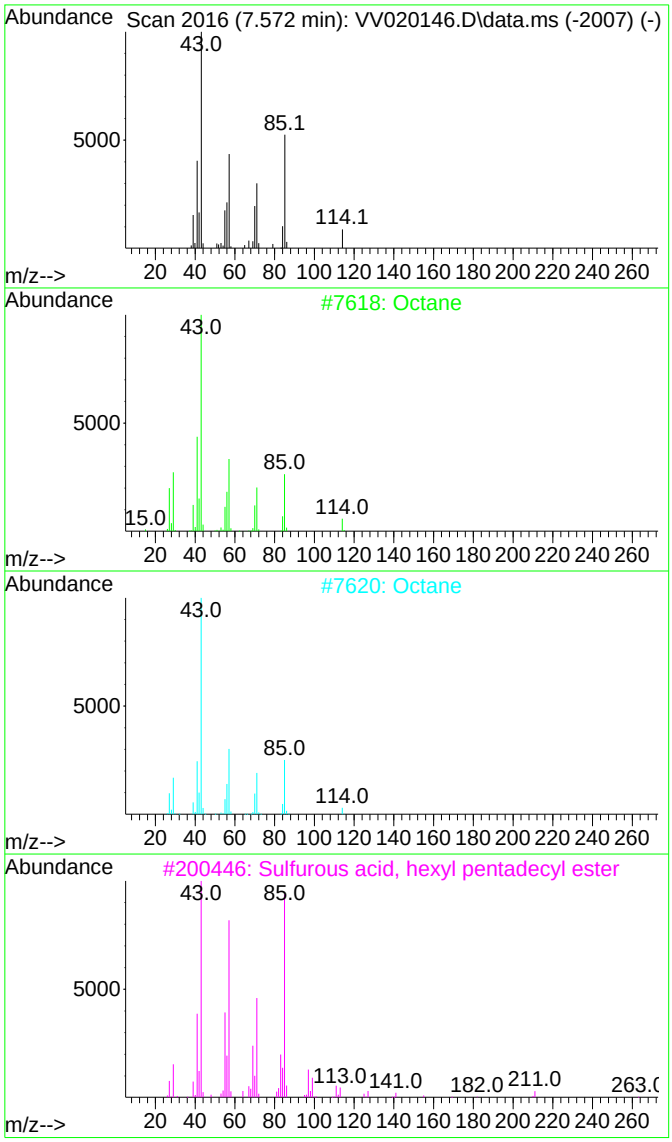
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

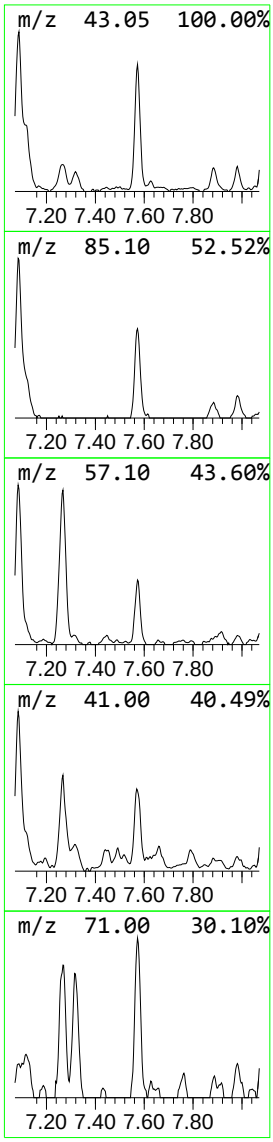
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.572	2.50 ug/L	58241	Chlorobenzene-d5	8.859

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	94
2	Octane	114	C8H18	000111-65-9	87
3	Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	64
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	59
5	Oxalic acid, diisohexyl ester	258	C14H26O4	1000309-32-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020146.D
Acq On : 22 Jan 2021 19:23
Operator : SY/MD
Sample : M1201-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG500

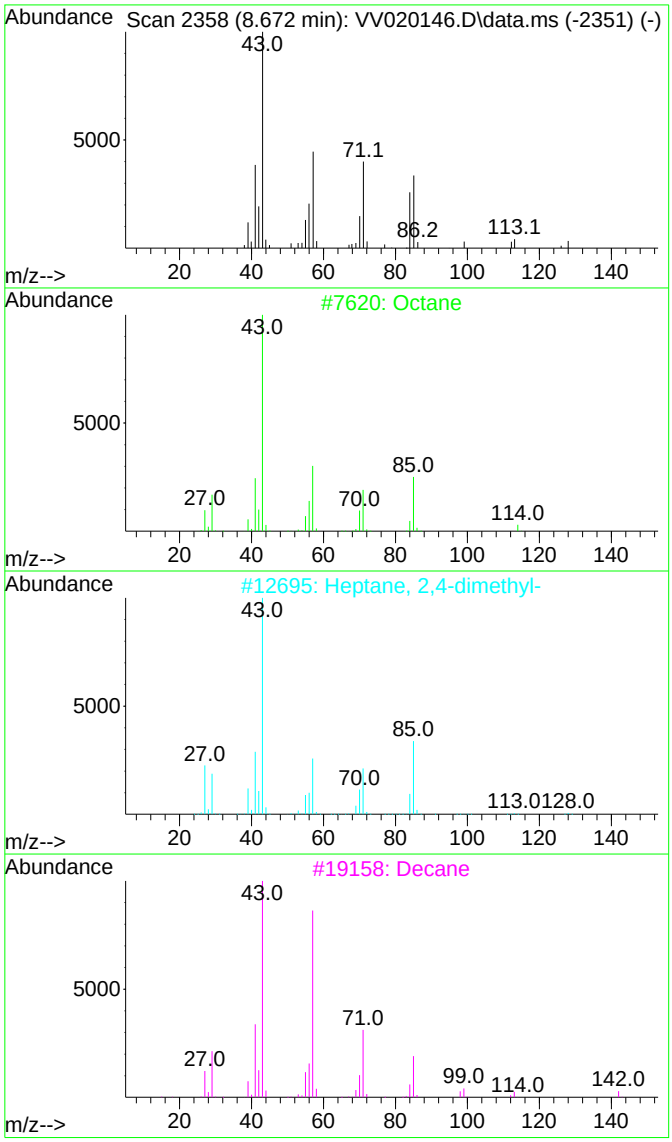
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

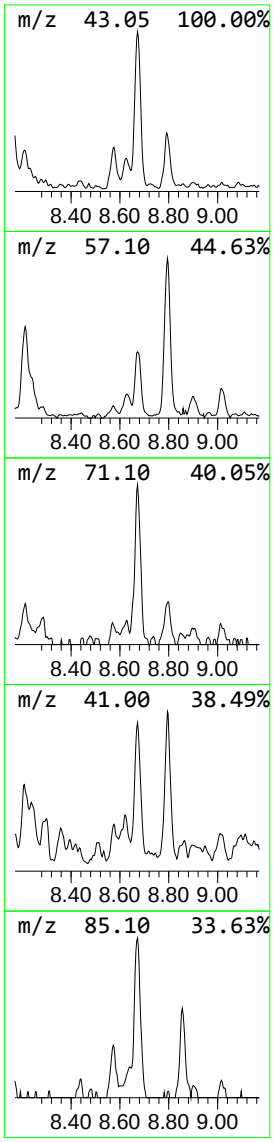
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.672	2.54 ug/L	59081	Chlorobenzene-d5	8.859

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	59
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
3	Decane	142	C10H22	000124-18-5	53
4	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	53
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020146.D
Acq On : 22 Jan 2021 19:23
Operator : SY/MD
Sample : M1201-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG500

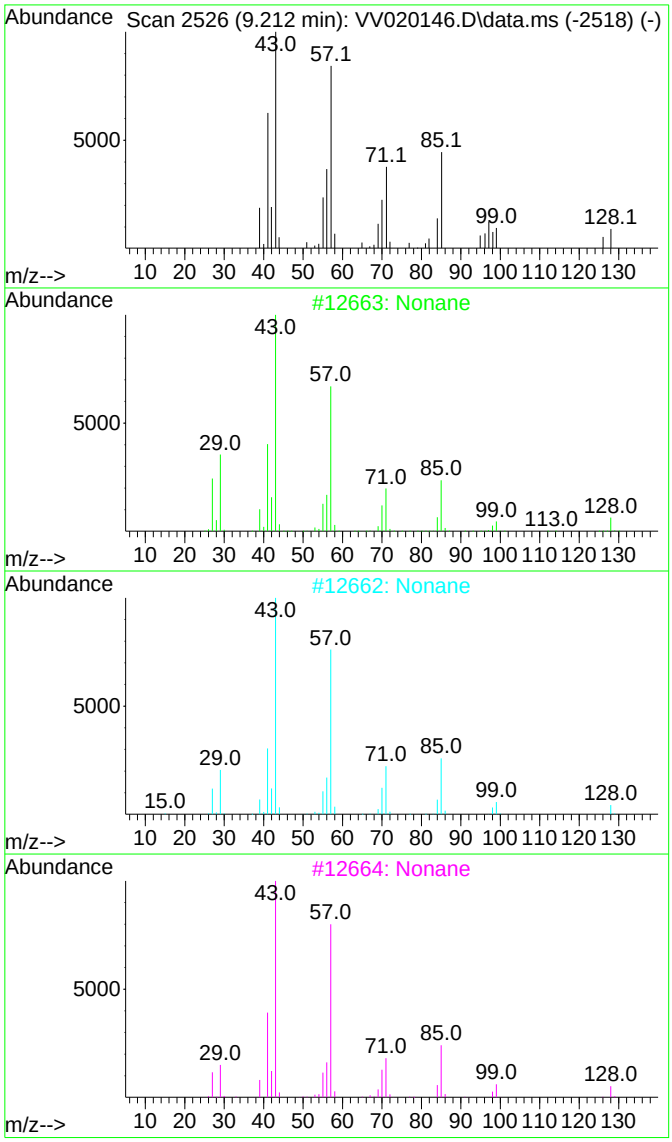
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

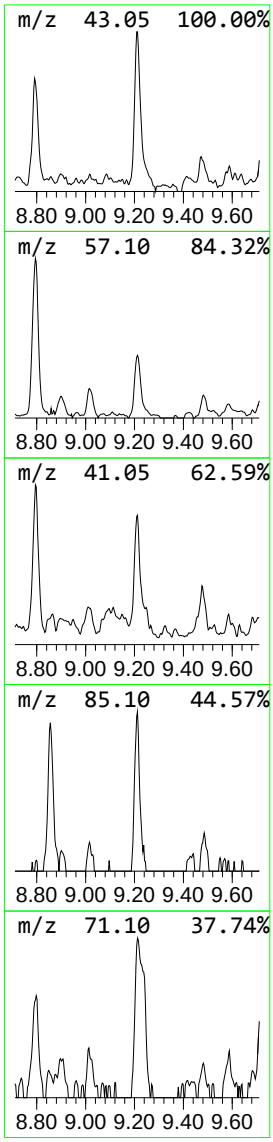
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.212	2.87 ug/L	66887	Chlorobenzene-d5	8.859

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	91
2	Nonane	128	C9H20	000111-84-2	81
3	Nonane	128	C9H20	000111-84-2	74
4	Octane	114	C8H18	000111-65-9	59
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020146.D
Acq On : 22 Jan 2021 19:23
Operator : SY/MD
Sample : M1201-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG500

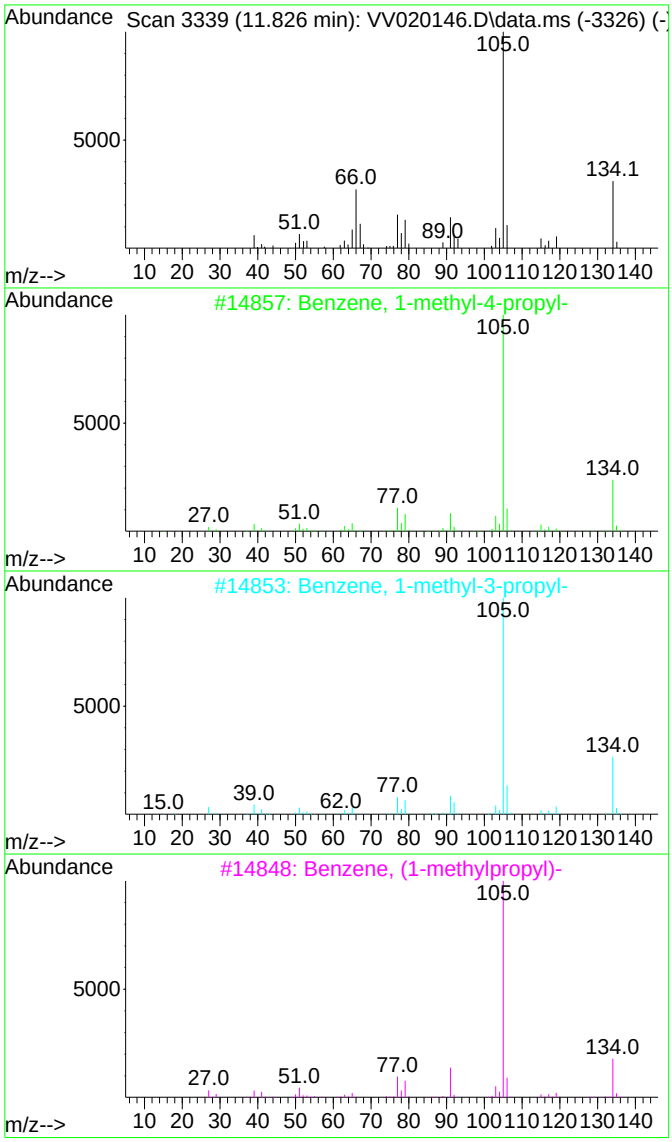
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

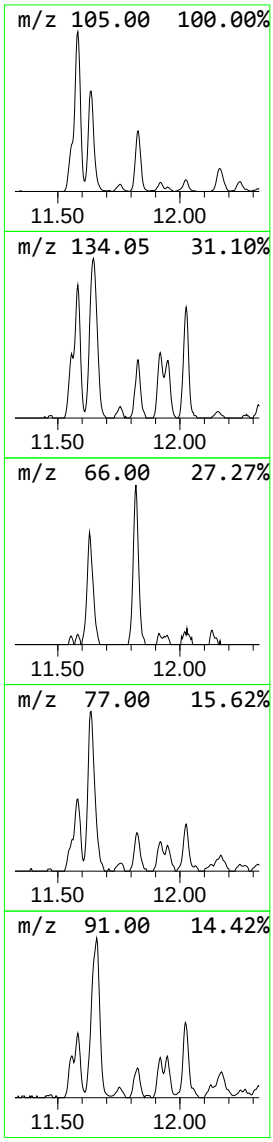
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1-methyl-4-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.826	2.83 ug/L	72808	1,4-Dichlorobenzene-d4	11.254

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	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	45
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	42
5	2-Tolyloxirane	134	C9H10O	002783-26-8	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020146.D
Acq On : 22 Jan 2021 19:23
Operator : SY/MD
Sample : M1201-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG500

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

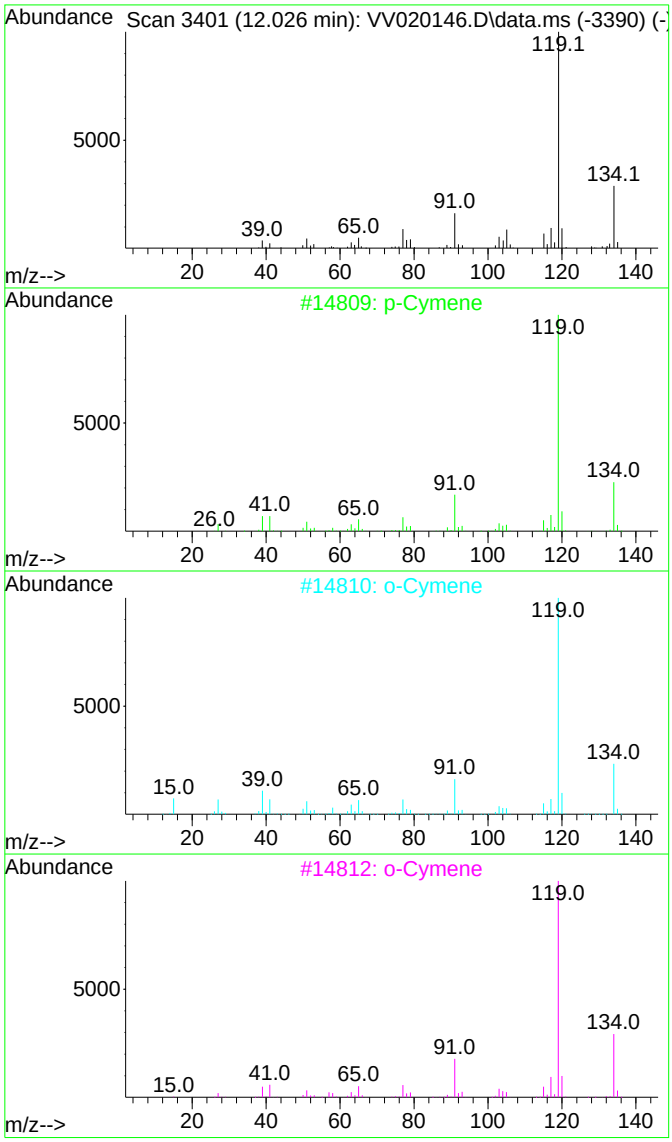
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

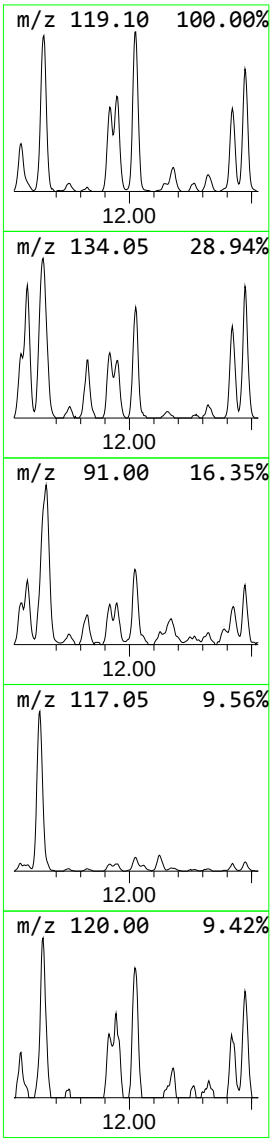
****

Peak Number 18 p-Cymene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.026	4.81 ug/L	123691	1,4-Dichlorobenzene-d4	11.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	o-Cymene	134	C10H14	000527-84-4	97
4	o-Cymene	134	C10H14	000527-84-4	97
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020146.D
Acq On : 22 Jan 2021 19:23
Operator : SY/MD
Sample : M1201-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG500

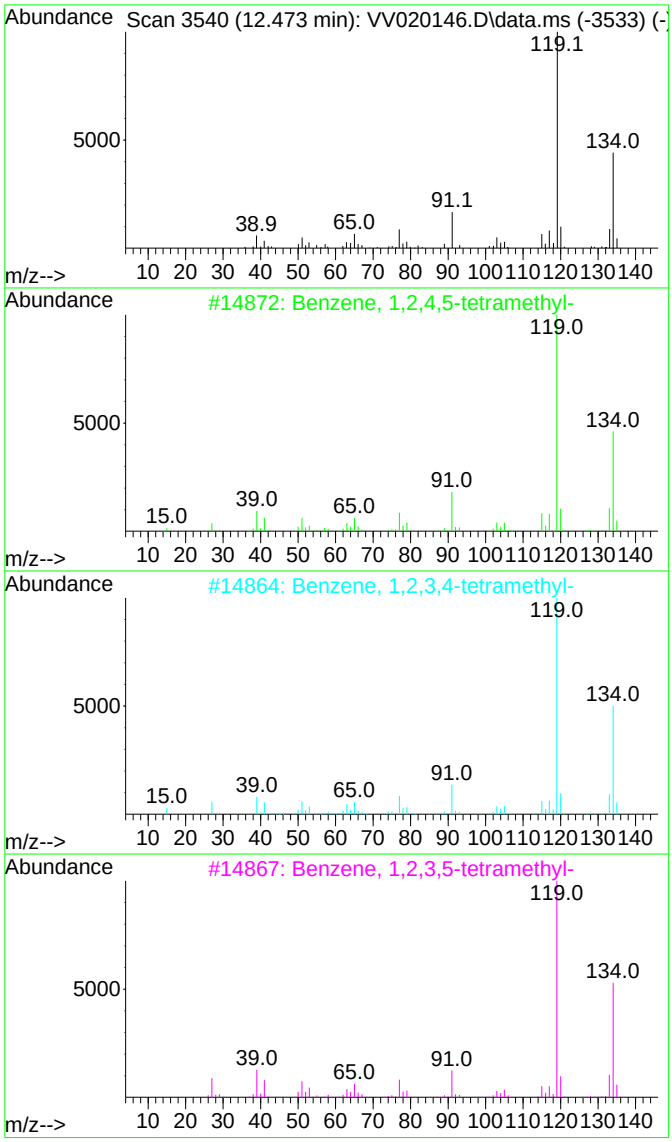
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

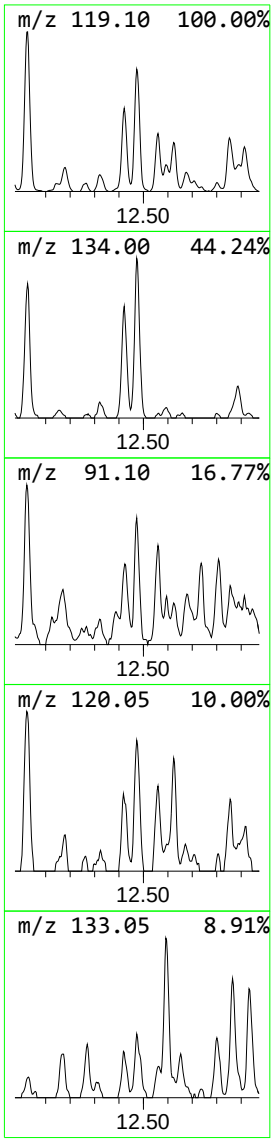
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.473	3.52 ug/L	90713	1,4-Dichlorobenzene-d4	11.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
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 : VV020146.D
Acq On : 22 Jan 2021 19:23
Operator : SY/MD
Sample : M1201-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG500

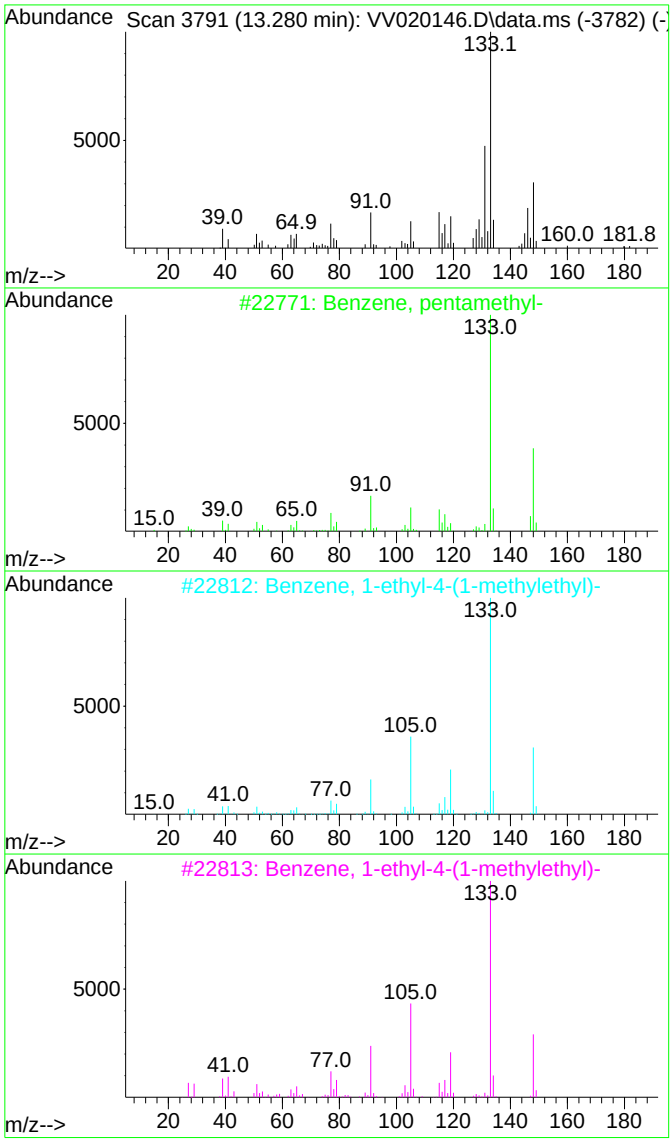
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

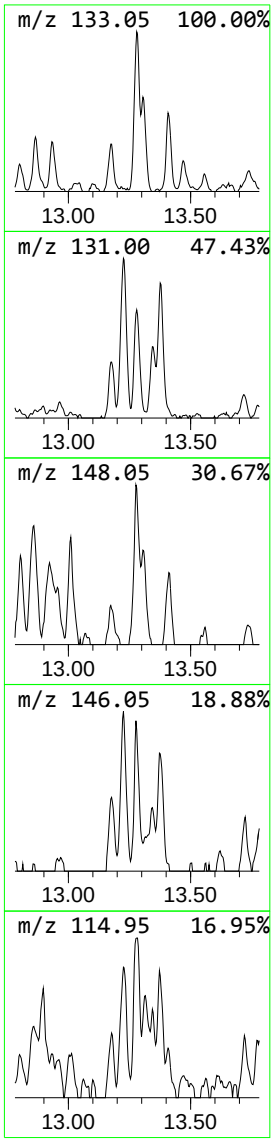
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, pentamethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.280	2.93 ug/L	75418	1,4-Dichlorobenzene-d4	11.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	64
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	64
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	64
4	4-tert-Butyltoluene	148	C11H16	000098-51-1	53
5	4-tert-Butyltoluene	148	C11H16	000098-51-1	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020146.D
Acq On : 22 Jan 2021 19:23
Operator : SY/MD
Sample : M1201-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG500

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
Sulfur dioxide	1.396	8.7	ug/L	175595	1	5.621	1011260	50.0
(DEL) Alkane: S...	2.534	8.6	ug/L	173867	1	5.621	1011260	50.0
(DEL) Alkane: S...	2.766	15.0	ug/L	303744	1	5.621	1011260	50.0
(DEL) Alkane: S...	3.045	54.8	ug/L	1109210	1	5.621	1011260	50.0
(DEL) Alkane: C...	3.769	31.1	ug/L	628871	1	5.621	1011260	50.0
(DEL) Alkane: S...	4.913	2.9	ug/L	58023	1	5.621	1011260	50.0
(DEL) Alkane: S...	5.238	5.3	ug/L	107563	1	5.621	1011260	50.0
(DEL) Alkane: S...	6.656	5.3	ug/L	107390	1	5.621	1011260	50.0
(DEL) Alkane: S...	6.781	5.4	ug/L	108967	1	5.621	1011260	50.0
(DEL) Alkane: S...	6.923	3.2	ug/L	64330	1	5.621	1011260	50.0
(DEL) Alkane: S...	7.087	6.7	ug/L	136074	1	5.621	1011260	50.0
(DEL) Alkane: S...	7.267	3.6	ug/L	83408	2	8.859	1164460	50.0
(DEL) Alkane: S...	7.572	2.5	ug/L	58241	2	8.859	1164460	50.0
(DEL) Alkane: S...	8.672	2.5	ug/L	59081	2	8.859	1164460	50.0
(DEL) Alkane: S...	9.212	2.9	ug/L	66887	2	8.859	1164460	50.0
Benzene, 1-meth...	11.826	2.8	ug/L	72808	3	11.254	1286900	50.0
p-Cymene	12.026	4.8	ug/L	123691	3	11.254	1286900	50.0
Benzene, 1,2,4,...	12.473	3.5	ug/L	90713	3	11.254	1286900	50.0
Benzene, pentam...	13.280	2.9	ug/L	75418	3	11.254	1286900	50.0