LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

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\SOMVLM120219WMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.226	30	42	53	rBV2	241373	452772	2.95%	0.454%
2	1.319	64	71	77	rBV	416114	405084	2.64%	0.407%
3	1.357	77	83	95	rVB	698723	755662	4.92%	0.758%
4	1.573	143	150	160	rVB	293440	332881	2.17%	0.334%
5	1.640	161	171	202	rVB	12155457	15195022	98.90%	15.248%
6	1.817	221	226	237	rVB	69390	89608	0.58%	0.090%
7	1.968	265	273	285	rVB	139745	216796	1.41%	0.218%
8	2.148	313	329	350	rVB2	2300554	4750255	30.92%	4.767%
9	2.521	422	445	462	rBV	7917904	15363836	100.00%	15.418%
10	2.602	462	470	488	rVB	343855	649370	4.23%	0.652%
11	2.788	510	528	553	rBV	1456760	2879933	18.74%	2.890%
12	3.309	676	690	704	rBV3	47701	99502	0.65%	0.100%
13	3.399	704	718	738	rVB5	75658	180569	1.18%	0.181%
14	3.579	757	774	794	rBV	147628	447227	2.91%	0.449%
15	3.708	798	814	830	rVV2	389878	1028975	6.70%	1.033%
16	3.804	830	844	858	rVV	387602	972758	6.33%	0.976%
17	3.917	858	879	919	rVB4	315522	1444082	9.40%	1.449%
18	4.196	948	966	980	rBV3	34388	100331	0.65%	0.101%
19	4.399	1010	1029	1036	rBV	386713	942956	6.14%	0.946%
20	4.721	1113	1129	1141	rBV2	322798	774551	5.04%	0.777%
21	4.807	1141	1156	1187	rVB	1563583	4006395	26.08%	4.020%
22	4.991	1195	1213	1228	rBV	348047	864049	5.62%	0.867%
23	5.090	1228	1244	1258	rBV2	911552	2259399	14.71%	2.267%
24	5.222	1272	1285	1297	rBV3	619360	1423861	9.27%	1.429%
25	5.293	1298	1307	1318	rVV2	395543	856318	5.57%	0.859%
26	5.360	1319	1328	1349	rVB3	176002	427764	2.78%	0.429%
27	5.659	1407	1421	1453	rBV	765519	1605766	10.45%	1.611%
28	5.814	1457	1469	1486	rVB4	38966	85010	0.55%	0.085%
29	5.968	1486	1517	1533	rBV5	271500	671755	4.37%	0.674%
30	6.113	1548	1562	1566	rBV2	539171	965197	6.28%	0.969%
31	6.148	1568	1573	1591	rVB2	818181	1510371	9.83%	1.516%
32	6.238	1591	1601	1610	rBV4	90884	181591	1.18%	0.182%
33	6.299	1611	1620	1630	rVV4	108983	205872	1.34%	0.207%
34	6.502	1670	1683	1698	rVB	520277	1078319	7.02%	1.082%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

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\SOMVLM120219WMA.M
Title : VOC Analysis

35	6.589	1698	1710	1716	rBV7	35224	78927	0.51%	0.079%
36	6.672	1725	1736	1759	rVB6	105563	322859	2.10%	0.324%
37	6.820	1760	1782	1796	rBV6	91623	322066	2.10%	0.323%
38	7.026	1825	1846	1857	rBV3	567413	1198134	7.80%	1.202%
39	7.216	1900	1905	1918	rVB2	134143	238374	1.55%	0.239%
40	7.306	1918	1933	1940	rBV3	536951	1121334	7.30%	1.125%
41	7.354	1940	1948	1976	rVB	1111603	2182935	14.21%	2.191%
42	7.486	1976	1989	1997	rBV2	750170	1473253	9.59%	1.478%
43	7.630	2024	2034	2038	rBV4	179652	299913	1.95%	0.301%
44	7.695	2046	2054	2066	rVB	974488	1685359	10.97%	1.691%
45	7.827	2077	2095	2103	rBV	463371	944625	6.15%	0.948%
46	7.881	2103	2112	2140	rVB	685930	1415102	9.21%	1.420%
47	8.010	2140	2152	2159	rBV6	46181	84128	0.55%	0.084%
48	8.055	2160	2166	2178	rVB6	51173	104326	0.68%	0.105%
49	8.126	2178	2188	2197	rBV	673208	1133088	7.38%	1.137%
50	8.177	2197	2204	2212	rVB	209967	306169	1.99%	0.307%
51	8.273	2223	2234	2244	rVB2	266691	495722	3.23%	0.497%
52	8.389	2261	2270	2279	rVB	235703	368709	2.40%	0.370%
53	8.550	2306	2320	2334	rBV3	252505	451961	2.94%	0.454%
54	8.634	2335	2346	2364	rBV3	103157	221937	1.44%	0.223%
55	8.759	2371	2385	2392	rBV4	93217	208842	1.36%	0.210%
56	8.891	2416	2426	2436	rBV	1076470	1693819	11.02%	1.700%
57	8.974	2437	2452	2459	rBV	254575	471759	3.07%	0.473%
58	9.148	2495	2506	2528	rVB9	216746	683668	4.45%	0.686%
59	9.238	2528	2534	2560	rVV9	36538	121660	0.79%	0.122%
60	9.357	2562	2571	2589	rVB4	99980	209731	1.37%	0.210%
61	9.515	2602	2620	2636	rBV10	137092	407376	2.65%	0.409%
62	9.592	2636	2644	2666	rVB10	52445	153435	1.00%	0.154%
63	9.743	2676	2691	2699	rBV3	121729	226663	1.48%	0.227%
64	9.843	2712	2722	2736	rVB9	55845	129654	0.84%	0.130%
65	9.971	2752	2762	2770	rBV	115994	223735	1.46%	0.225%
66	10.167	2814	2823	2832	rVB4	90320	155088	1.01%	0.156%
67	10.254	2840	2850	2869	rVB	728871	1237126	8.05%	1.241%
68	10.399	2887	2895	2914	rVB3	44139	130110	0.85%	0.131%
69	10.900	3037	3051	3061	rBV	97070	178702	1.16%	0.179%
70	11.096	3097	3112	3115	rBV	160213	239283	1.56%	0.240%
71	11.129	3116	3122	3136	rVB	315242	477869	3.11%	0.480%

LSC Area Percent Report

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Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

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\SOMVLM120219WMA.M
Title : VOC Analysis

72	11.289	3161	3172	3193	rVB	1201541	1859826	12.11%	1.866%
73	11.495	3225	3236	3249	rVB	376589	580857	3.78%	0.583%
74	11.588	3252	3265	3275	rBV	244076	386556	2.52%	0.388%
75	11.669	3276	3290	3306	rVB3	1779834	2830995	18.43%	2.841%
76	12.158	3431	3442	3450	rVV	409233	649001	4.22%	0.651%
77	12.199	3450	3455	3461	rVV3	110432	167408	1.09%	0.168%
78	12.238	3461	3467	3476	rVB2	96528	146197	0.95%	0.147%
79	12.341	3487	3499	3513	rVB	293022	487228	3.17%	0.489%
80	12.424	3513	3525	3532	rBV3	94292	163293	1.06%	0.164%
81	12.592	3567	3577	3588	rVB	241346	367218	2.39%	0.369%
82	12.723	3596	3618	3629	rBV4	204668	482380	3.14%	0.484%
83	12.797	3633	3641	3655	rVV	217913	345087	2.25%	0.346%
84	12.997	3693	3703	3715	rVV3	142786	257411	1.68%	0.258%
85	13.096	3715	3734	3750	rVB3	217735	459148	2.99%	0.461%
86	13.228	3765	3775	3778	rBV2	63375	91156	0.59%	0.091%
87	13.257	3778	3784	3793	rVV3	125407	209745	1.37%	0.210%
88	13.312	3793	3801	3807	rVV2	116755	181272	1.18%	0.182%
89	13.379	3807	3822	3827	rVV2	473988	1002950	6.53%	1.006%
90	13.412	3827	3832	3848	rVB	404532	594181	3.87%	0.596%
91	13.527	3855	3868	3880	rBV5	55987	138464	0.90%	0.139%
92	13.653	3901	3907	3922	rVB4	52798	85327	0.56%	0.086%
93	13.752	3922	3938	3952	rBV3	357878	614310	4.00%	0.616%
94	14.132	4046	4056	4068	rBV	442642	790031	5.14%	0.793%
95	14.190	4068	4074	4082	rVV	82496	124639	0.81%	0.125%
96	14.276	4082	4101	4112	rVV2	194765	457490	2.98%	0.459%
97	14.338	4113	4120	4135	rVB2	259352	443642	2.89%	0.445%
98	14.489	4151	4167	4174	rBV3	54162	118245	0.77%	0.119%
99	14.624	4197	4209	4232	rBV	448656	757252	4.93%	0.760%
100	14.874	4276	4287	4298	rBV	130532	237427	1.55%	0.238%

Sum of corrected areas: 99650014

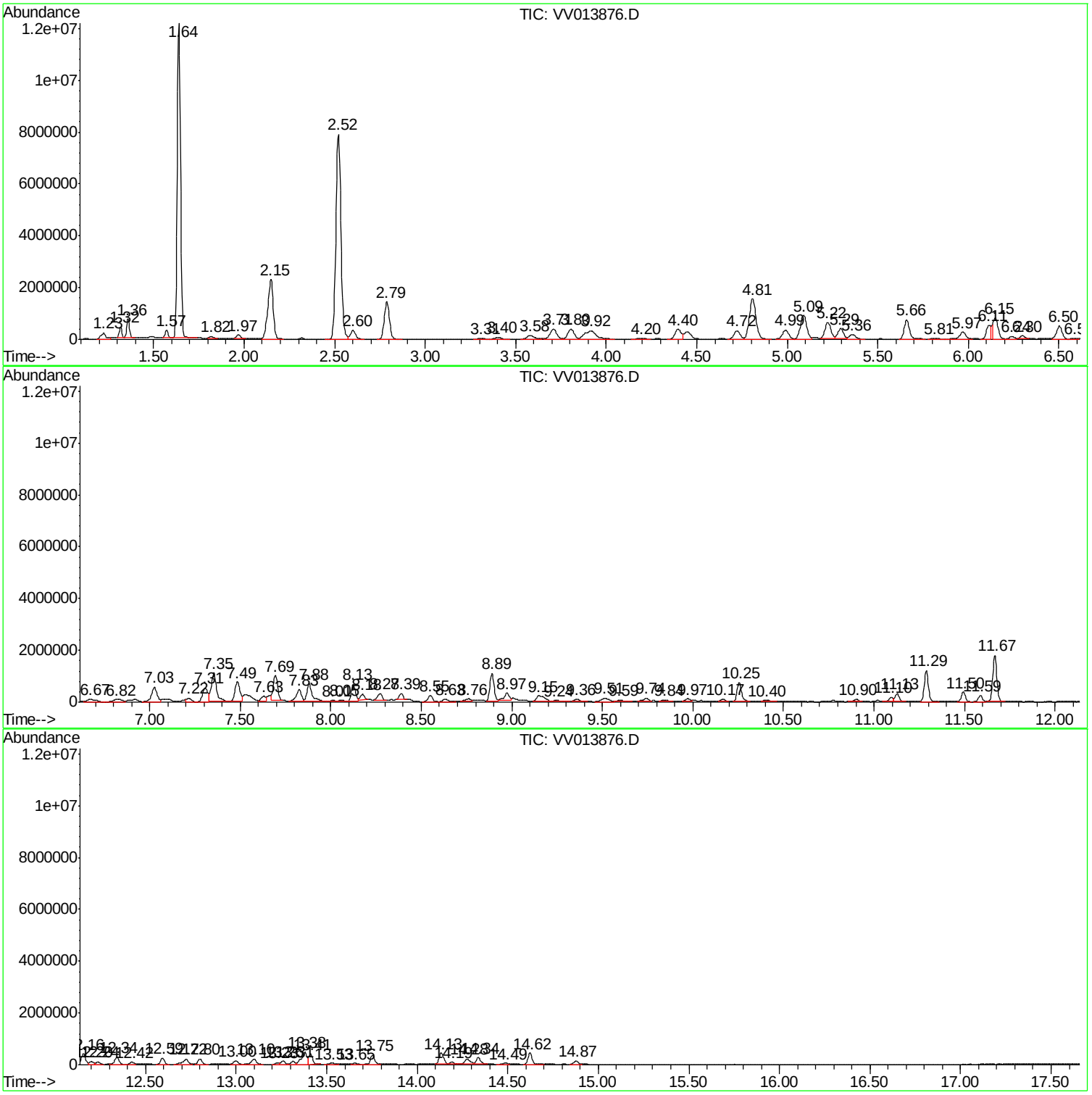
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

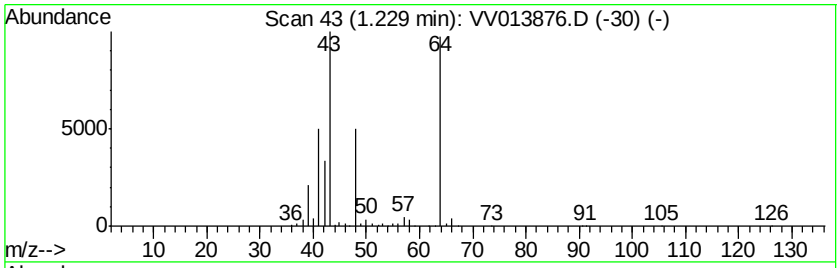
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

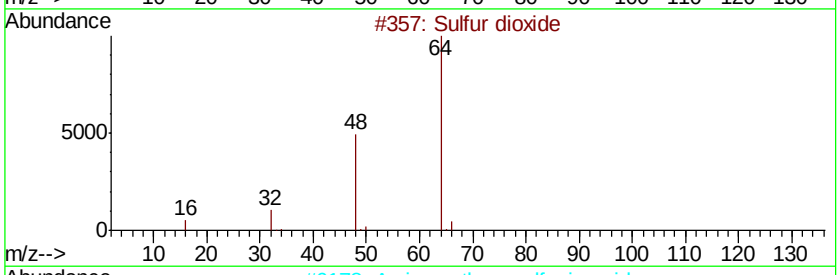
****

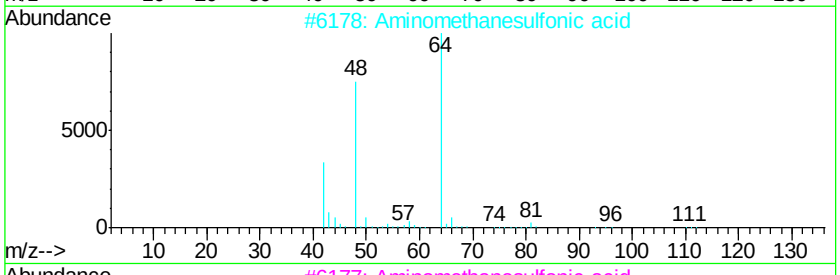
Peak Number 1 Sulfur dioxide Concentration Rank 25

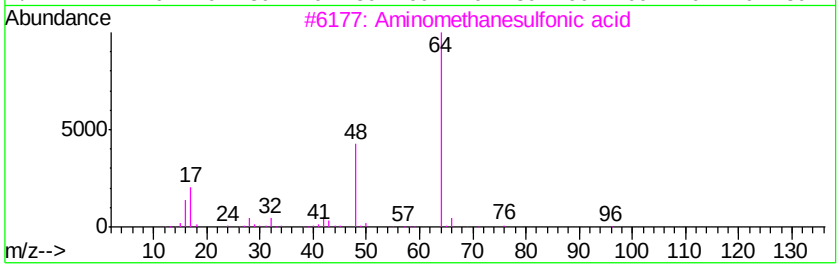
R.T.	EstConc	Area	Relative to ISTD	R.T.
1.23	14.10 ug/L	452772	1,4-Difluorobenzene	5.66

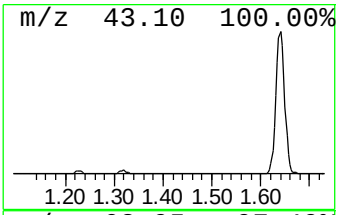
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	80
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	40
4	2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	9
5	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9

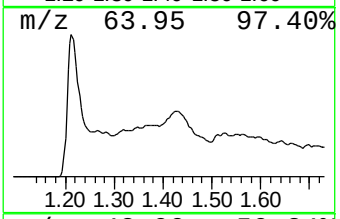


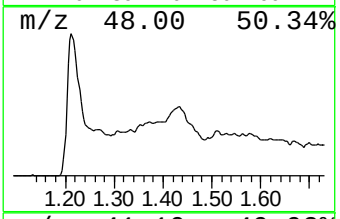


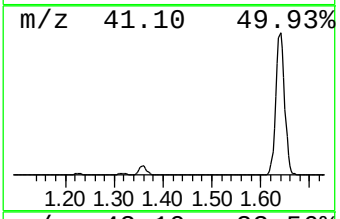


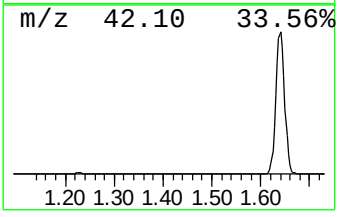












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

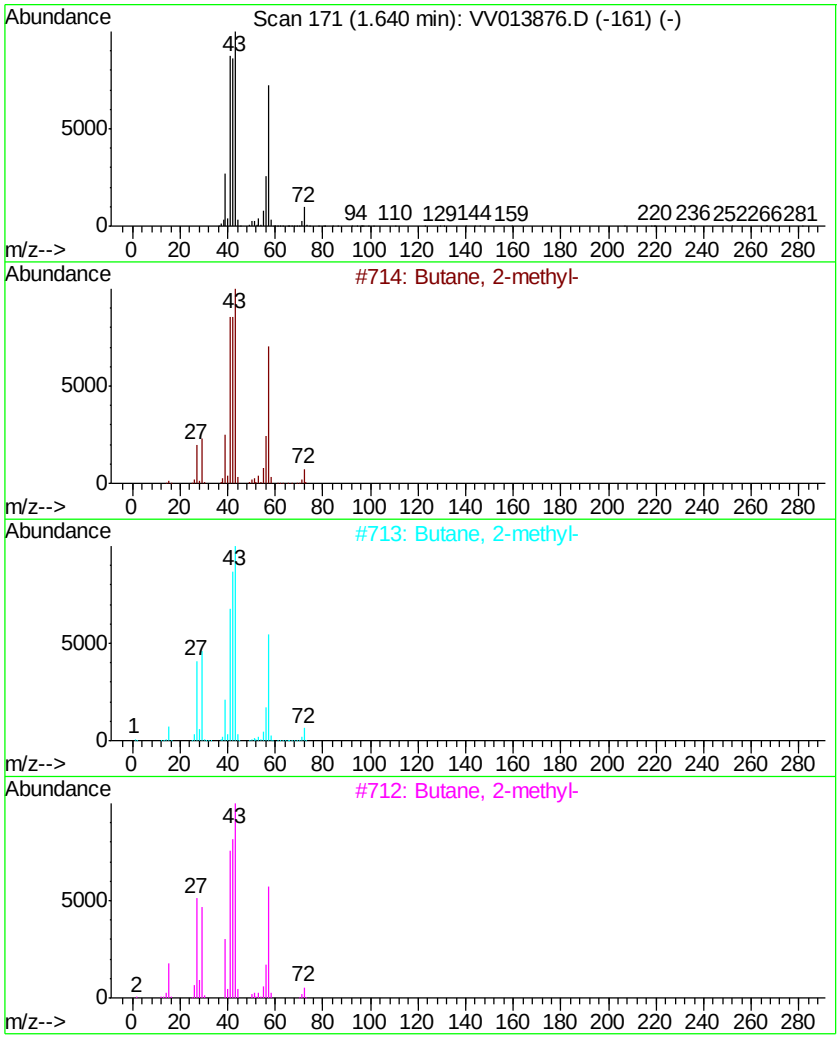
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

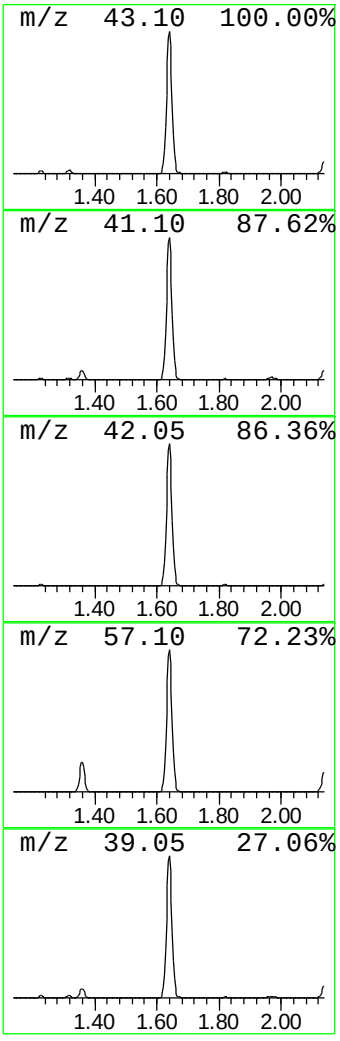
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.64	473.14 ug/L	15195000	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2	Butane, 2-methyl-	72	C5H12	000078-78-4	91
3	Butane, 2-methyl-	72	C5H12	000078-78-4	80
4	Pentane	72	C5H12	000109-66-0	45
5	Pentane	72	C5H12	000109-66-0	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

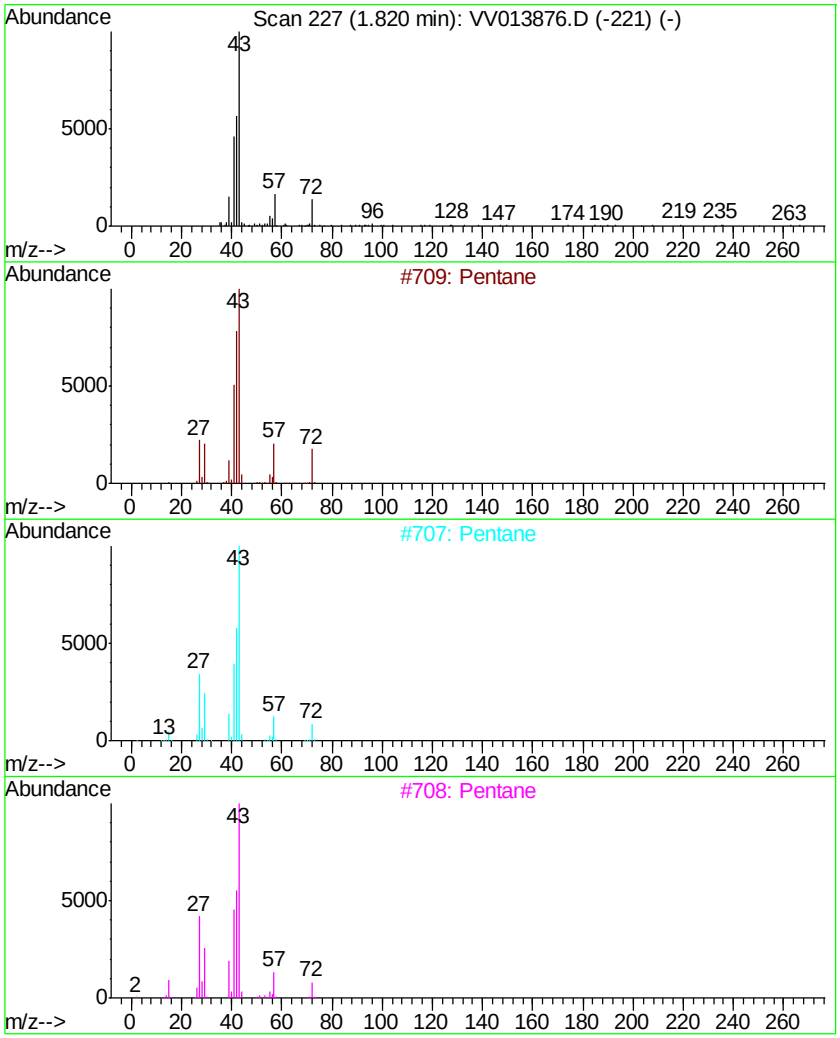
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

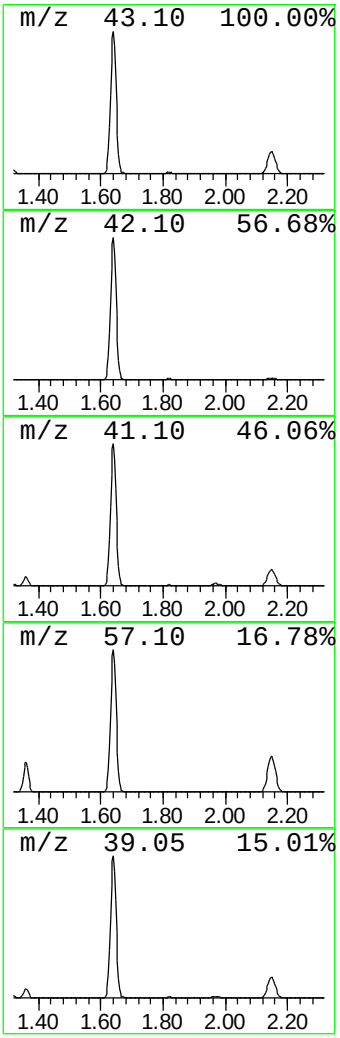
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.82	2.79 ug/L	89608	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	80
2	Pentane	72	C5H12	000109-66-0	80
3	Pentane	72	C5H12	000109-66-0	80
4	Pentane	72	C5H12	000109-66-0	53
5	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	33





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

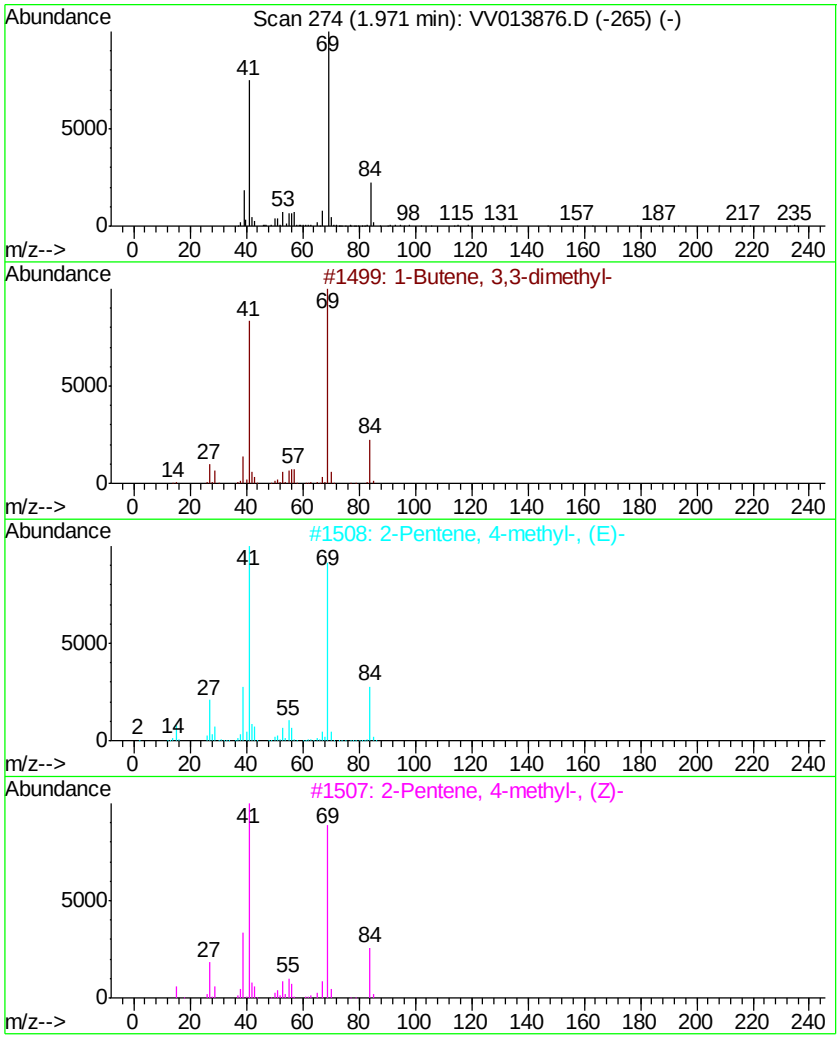
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

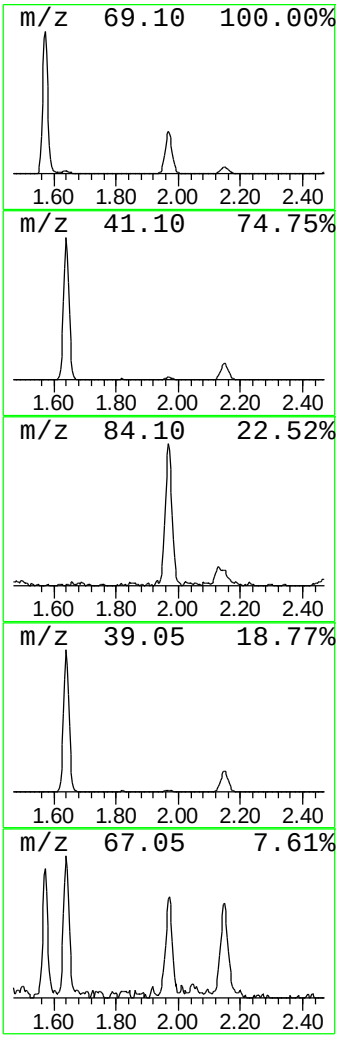
****

Peak Number 4 (DEL) Alkane: Cyclic1.97 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.97	6.75 ug/L	216796	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	91
2	2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	86
3	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	86
4	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	86
5	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	86





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

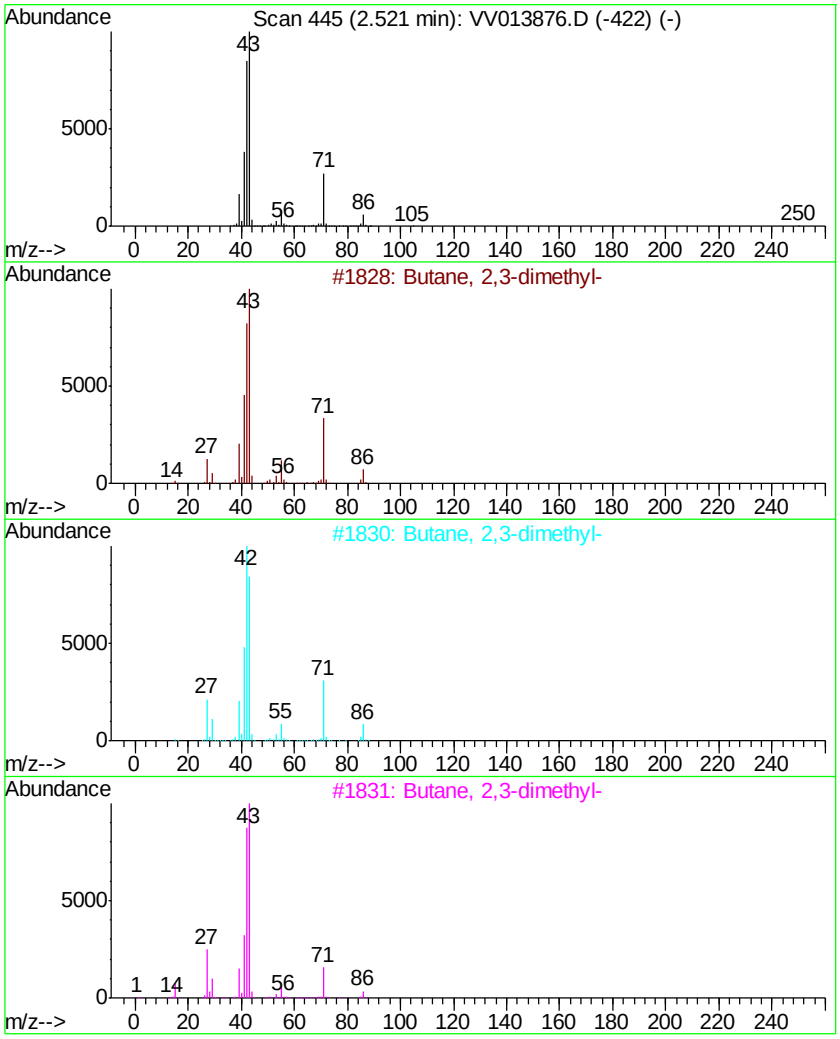
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

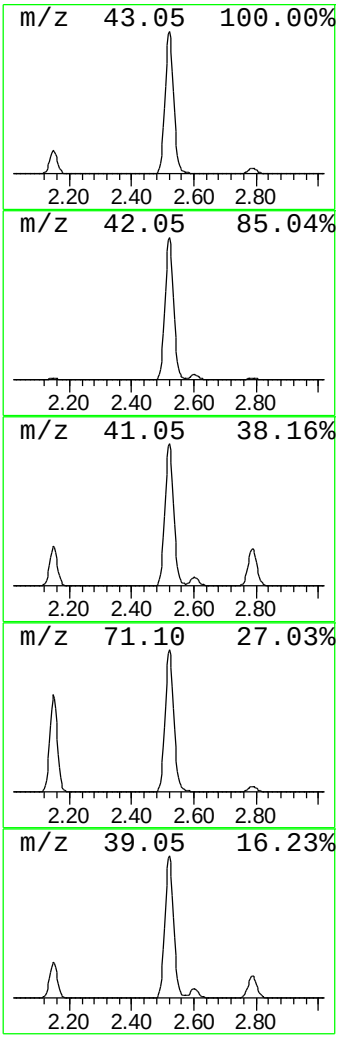
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.52	478.40 ug/L	15363800	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	91
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	50





Library Search Compound Report

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Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

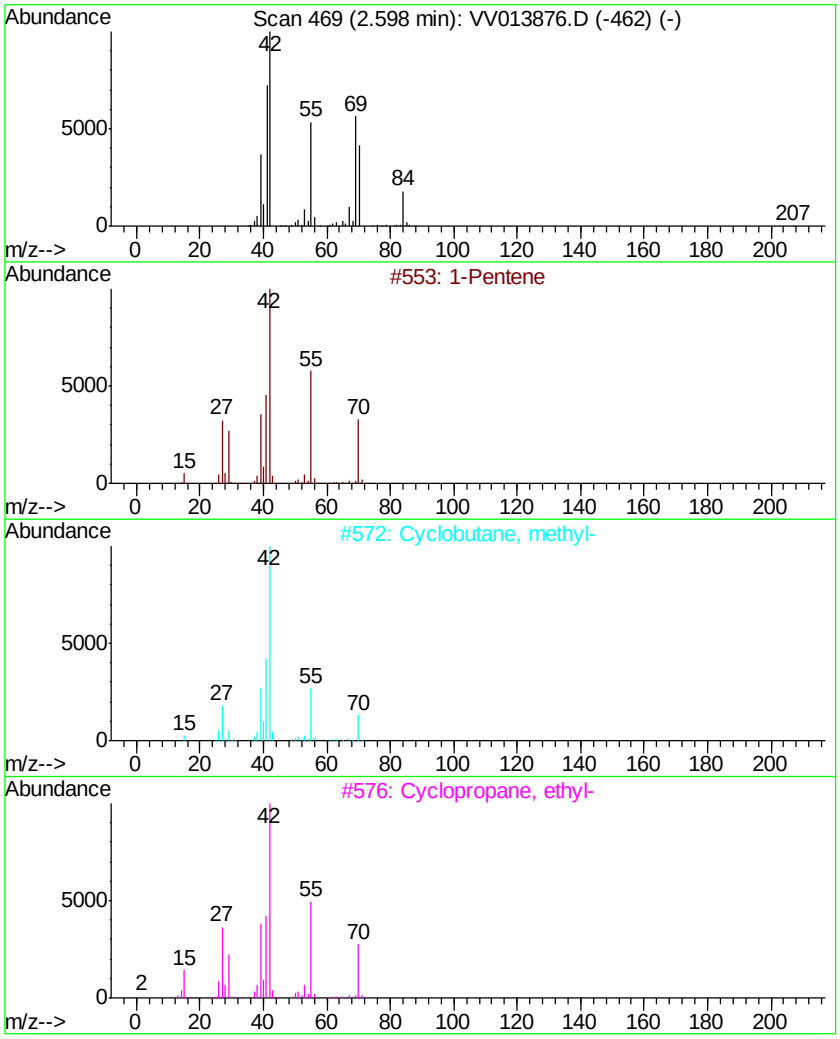
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

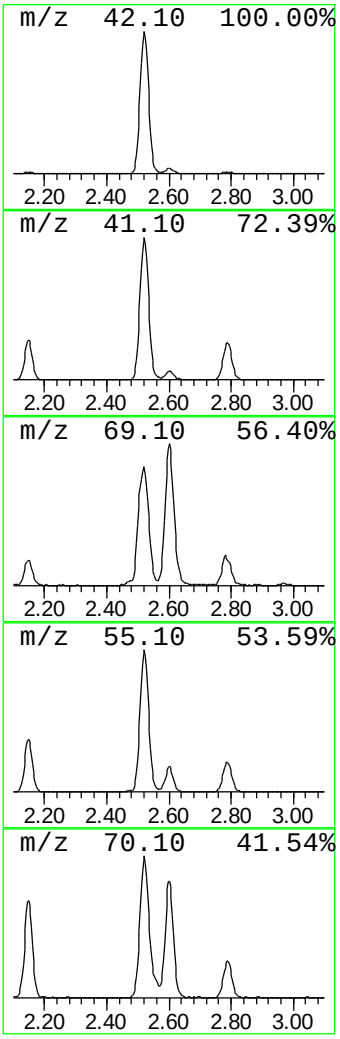
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic2.60 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.60	20.22 ug/L	649370	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene	70	C5H10	000109-67-1	64
2	Cyclobutane, methyl-	70	C5H10	000598-61-8	53
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	50
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	47
5	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	30





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Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

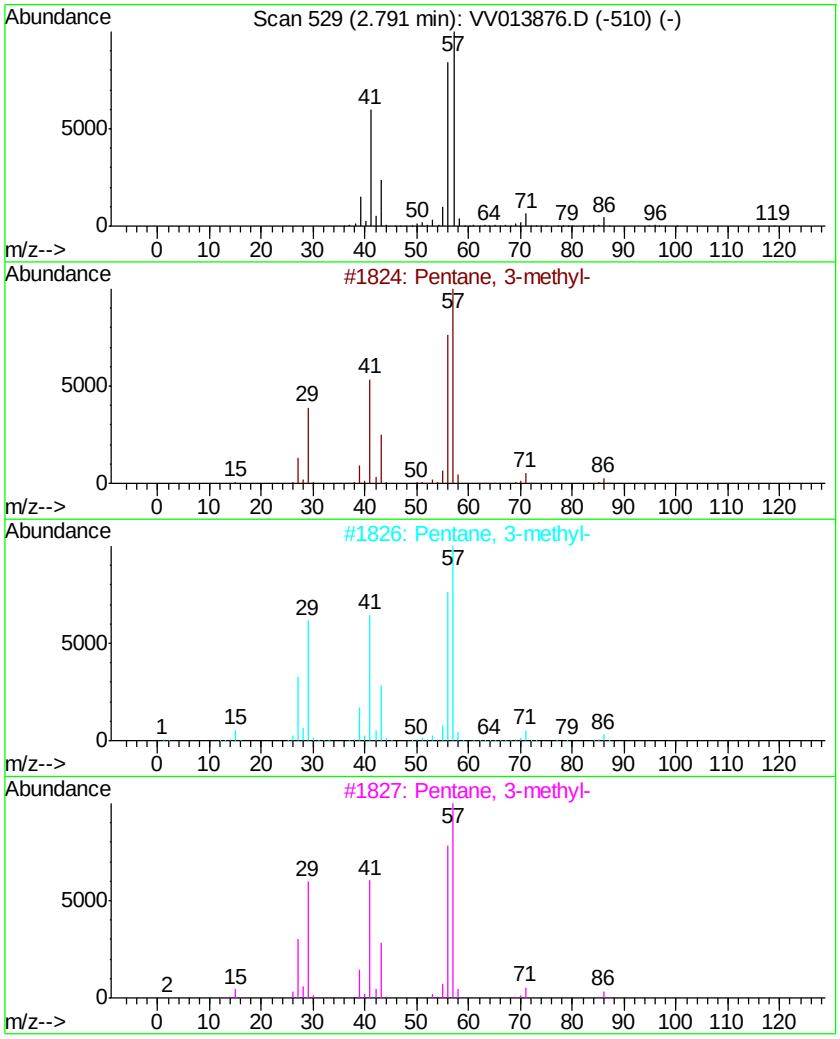
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

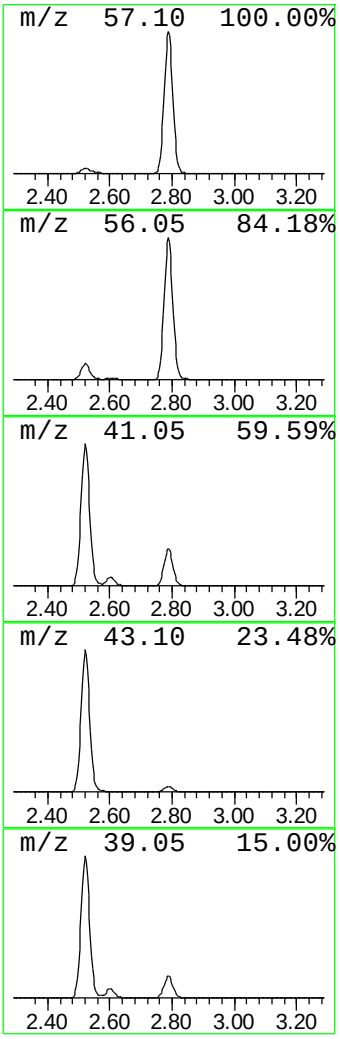
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	89.67 ug/L	2879930	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

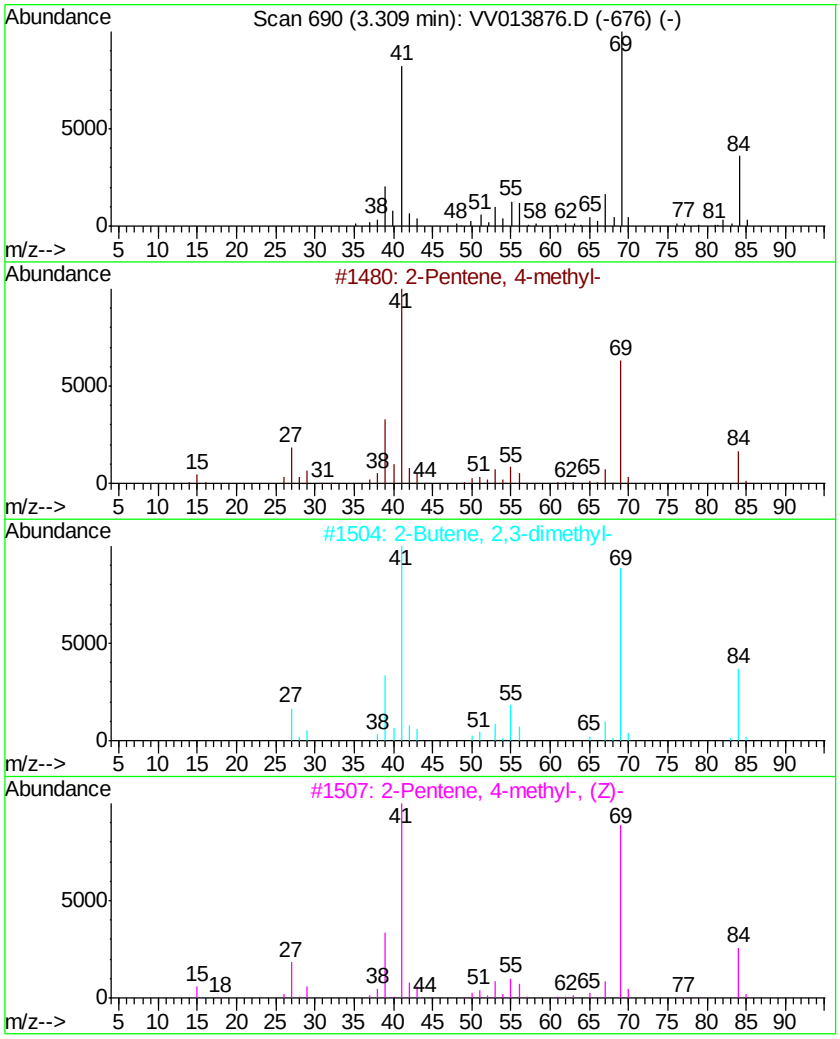
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

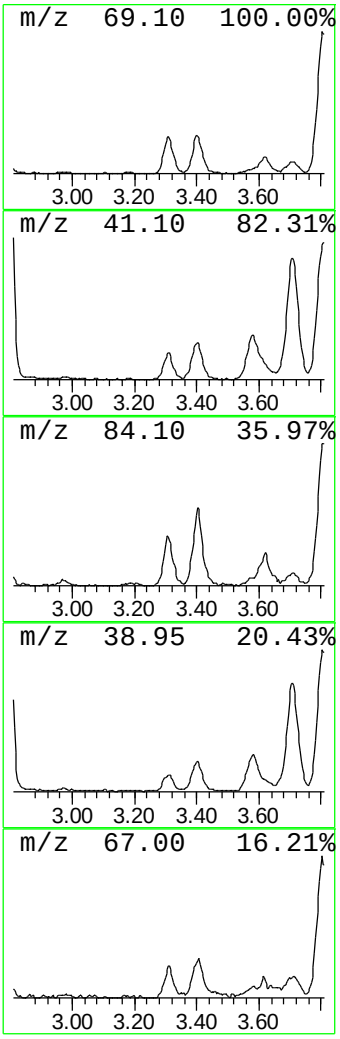
****

Peak Number 8 (DEL) Alkane: Cyclic3.31 Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.31	3.10 ug/L	99502	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	91
2	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	91
3	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	91
4	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	90
5	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	87





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Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

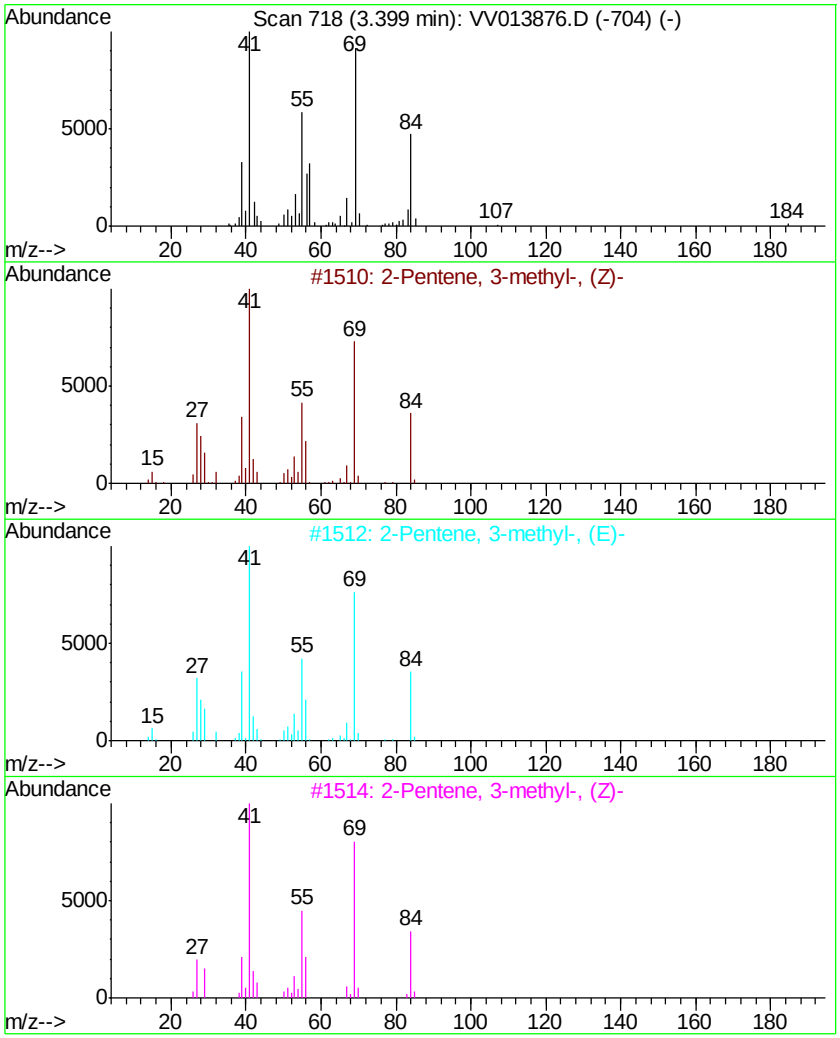
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

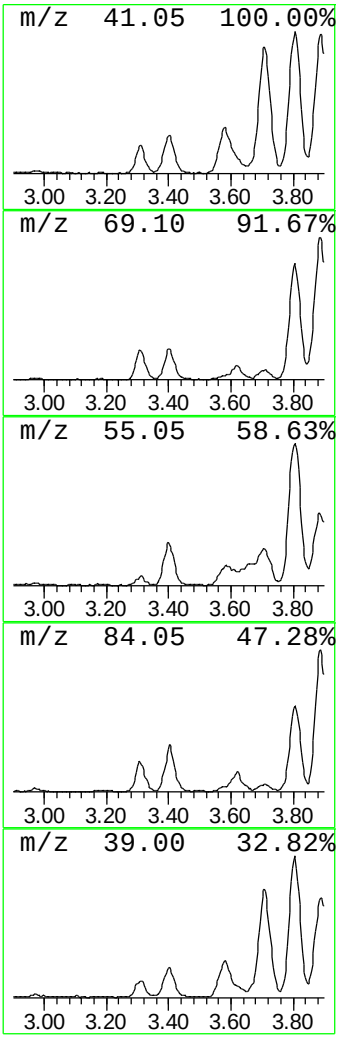
****

Peak Number 9 (DEL) Alkane: Cyclic3.40 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.40	5.62 ug/L	180569	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	96
2	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	94
3	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	91
4	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	91
5	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

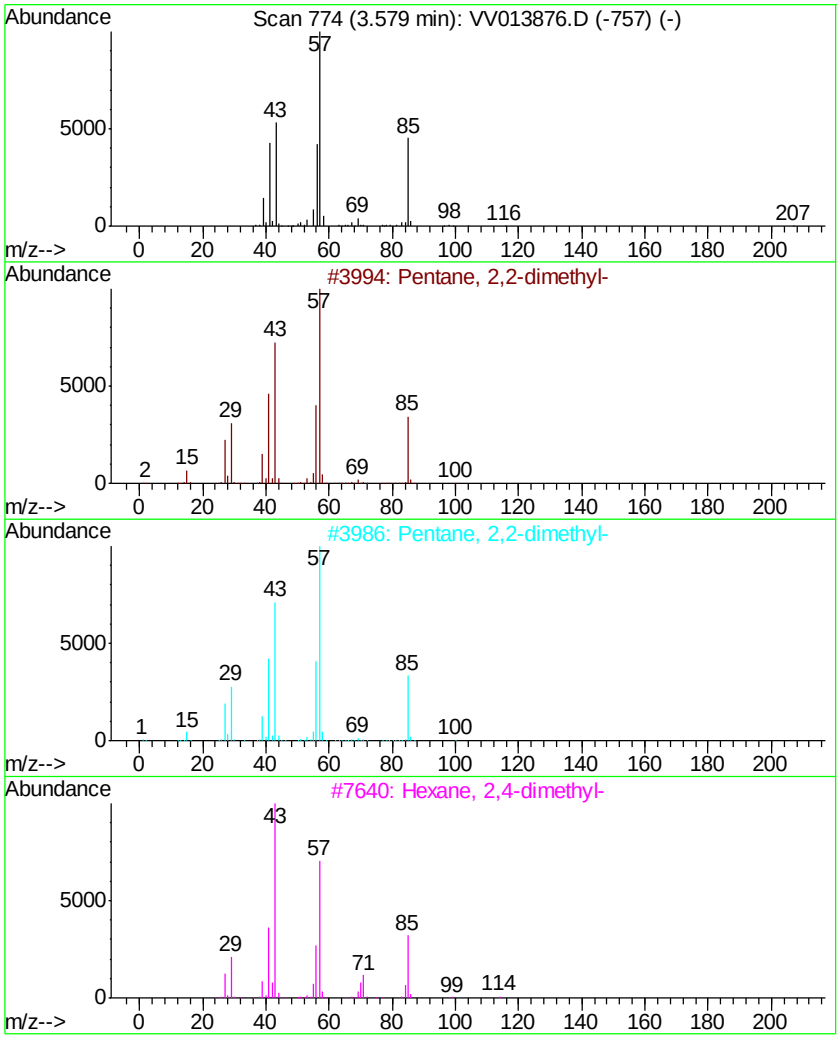
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

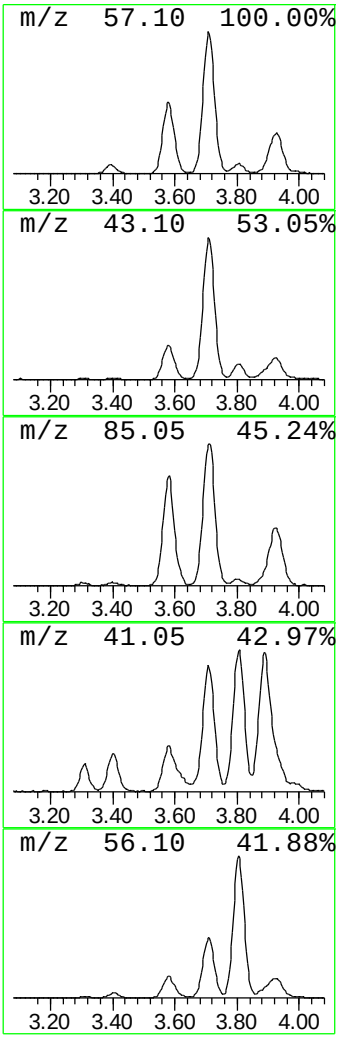
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.58	13.93 ug/L	447227	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	78
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	78
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	74





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

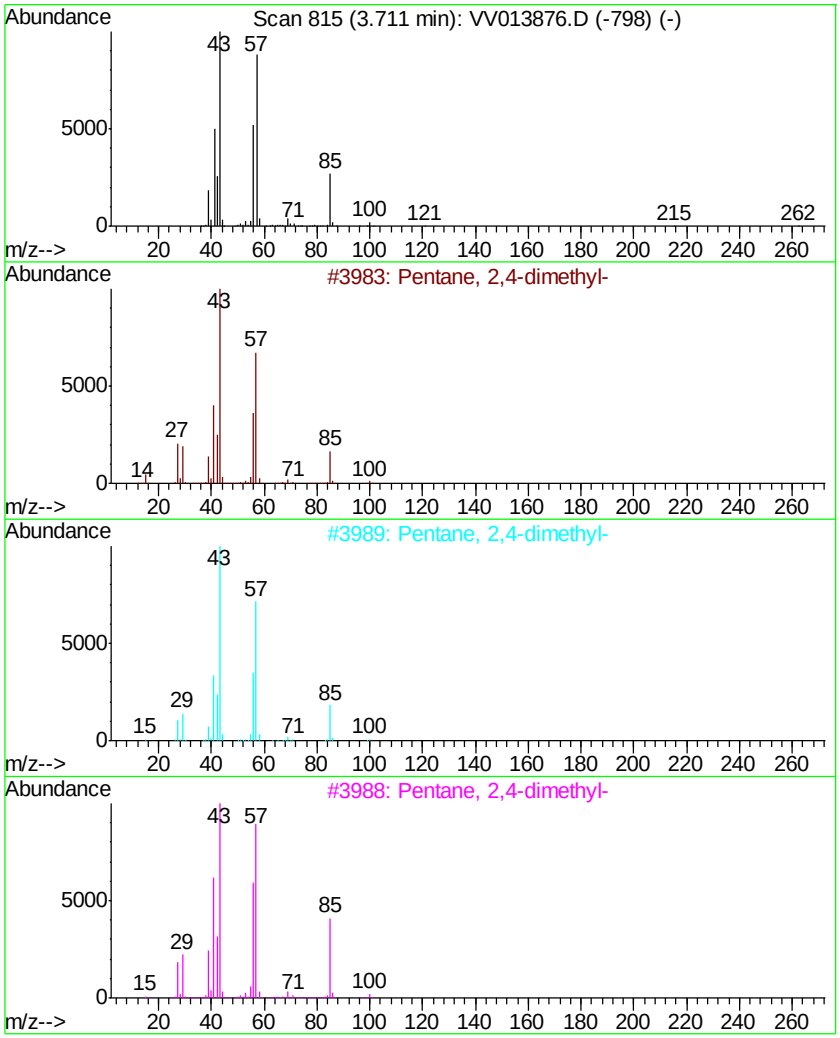
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

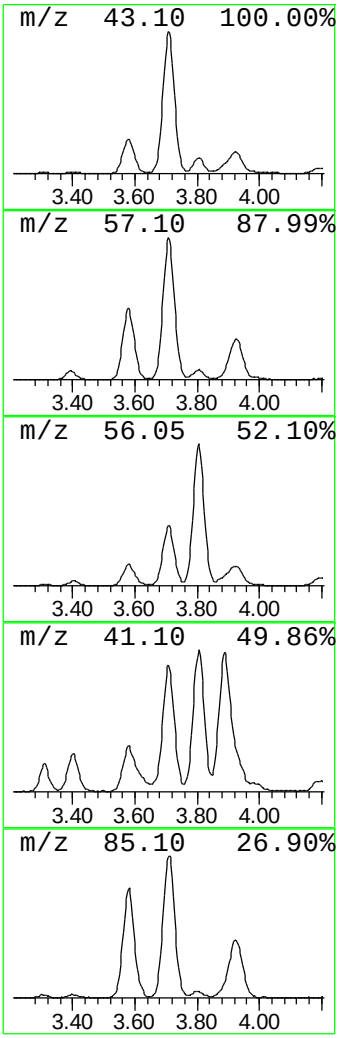
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.71	32.04 ug/L	1028980	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	83
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	72
4	Hexane, 2-methyl-	100	C7H16	000591-76-4	72
5	Heptane, 3-methyl-	114	C8H18	000589-81-1	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

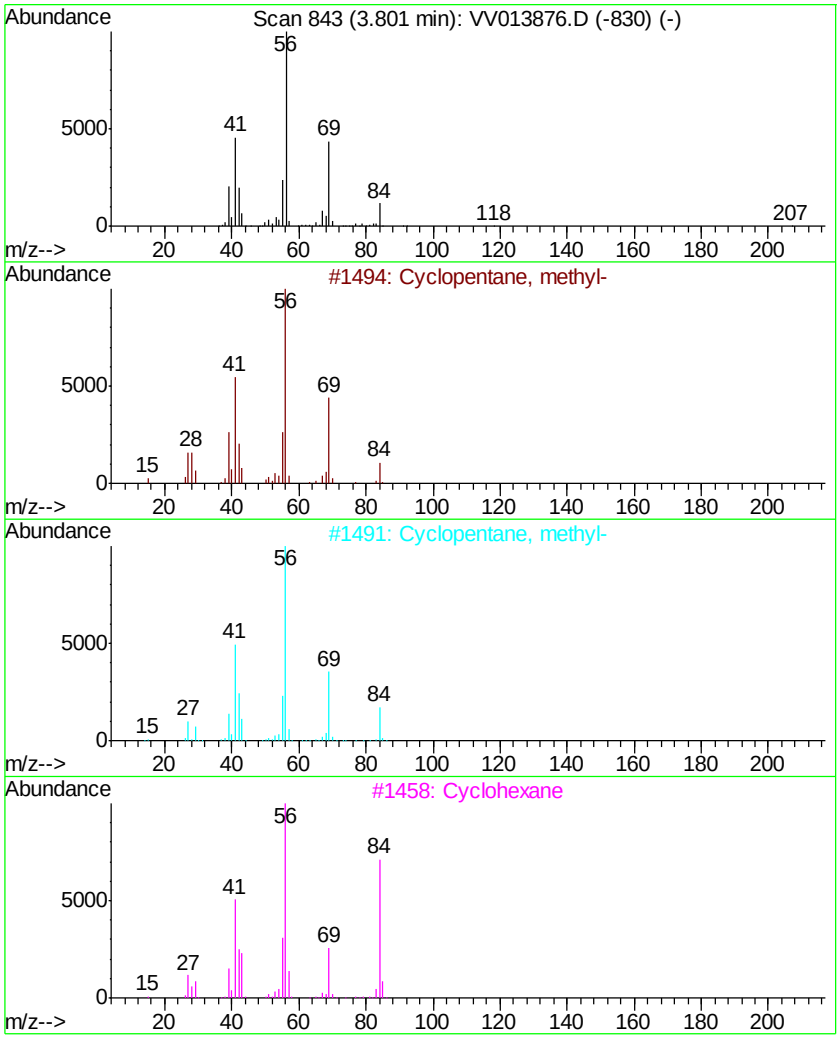
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

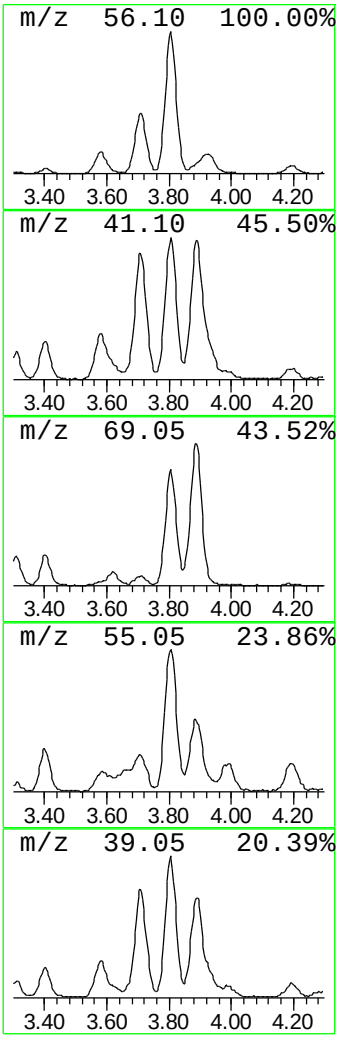
****

Peak Number 12 (DEL) Alkane: Cyclic3.80 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.80	30.29 ug/L	972758	1,4-Difluorobenzene	5.66

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	78
3	Cyclohexane	84	C6H12	000110-82-7	64
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	58





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

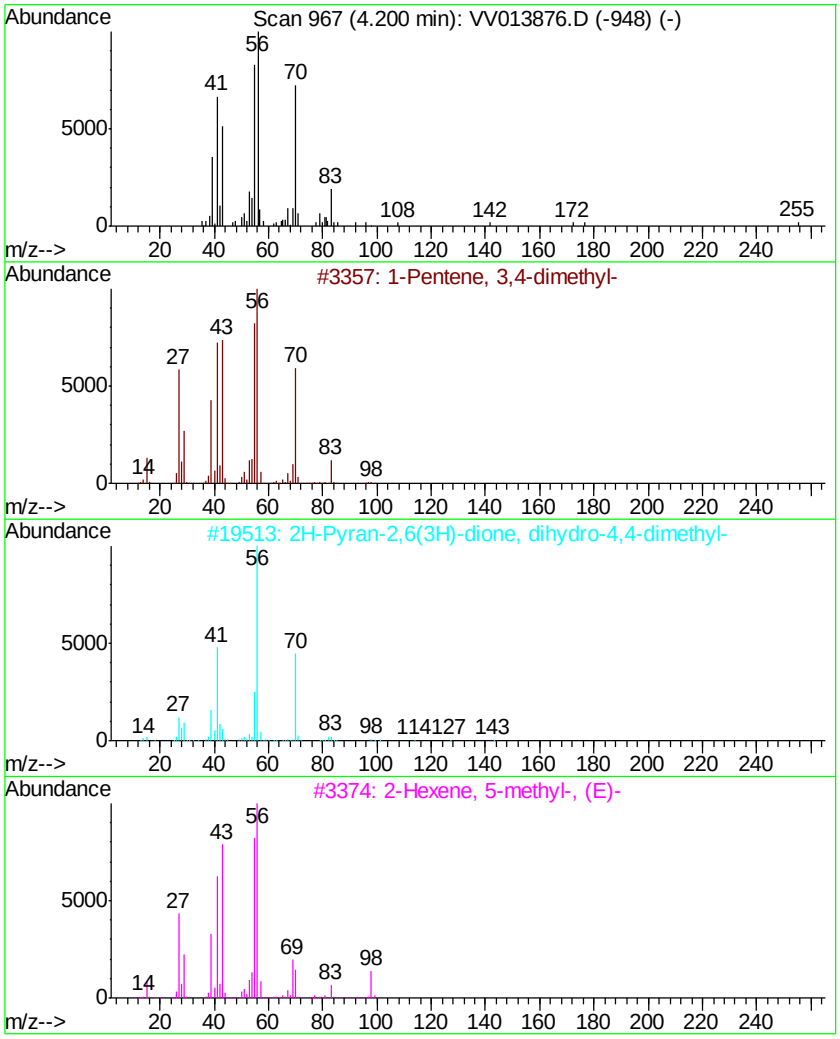
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

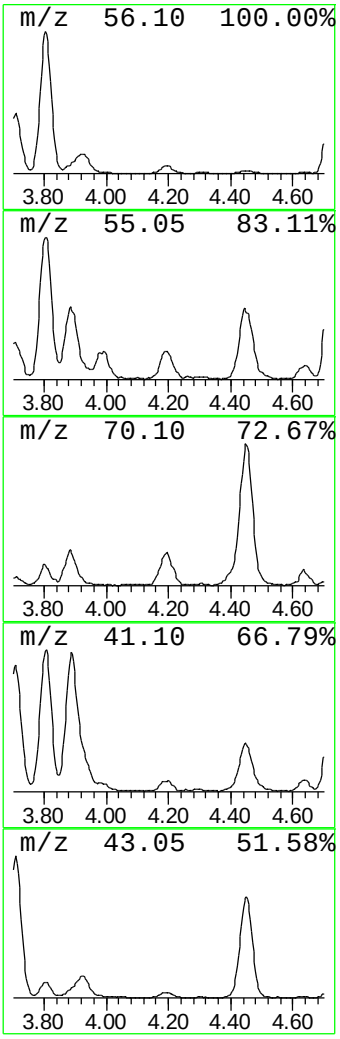
****

Peak Number 13 (DEL) Alkane: Cyclic4.20 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.20	3.12 ug/L	100331	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 3,4-dimethyl-	98	C7H14	007385-78-6	83
2	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	59
3	2-Hexene, 5-methyl-, (E)-	98	C7H14	007385-82-2	49
4	2-Hexene, 5-methyl-, (E)-	98	C7H14	007385-82-2	47
5	5-Methyl-2-hexene,c&t	98	C7H14	003404-62-4	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

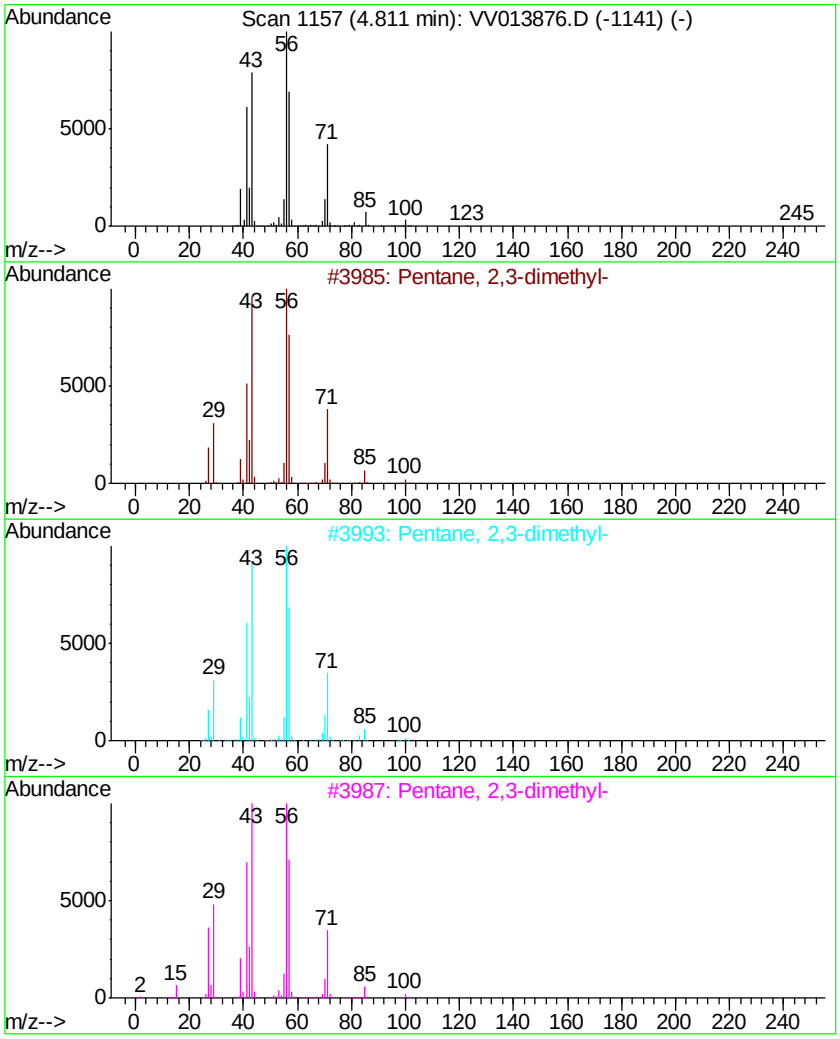
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

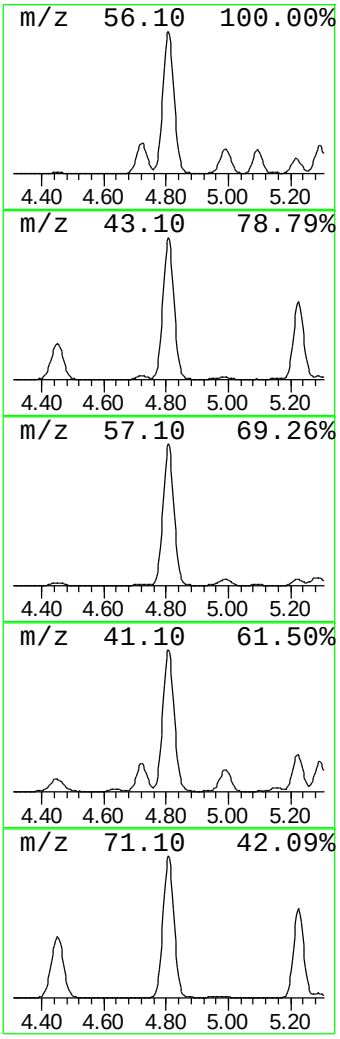
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	124.75 ug/L	4006400	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	94
2	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
4	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
5	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	42





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

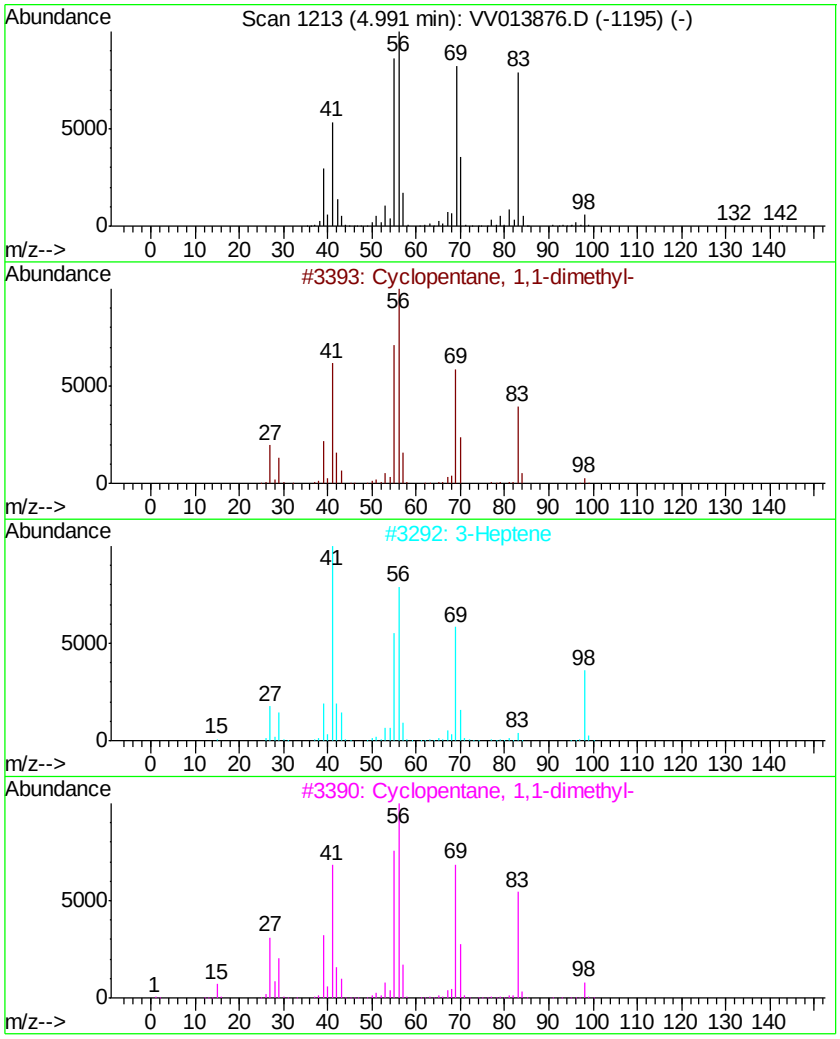
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

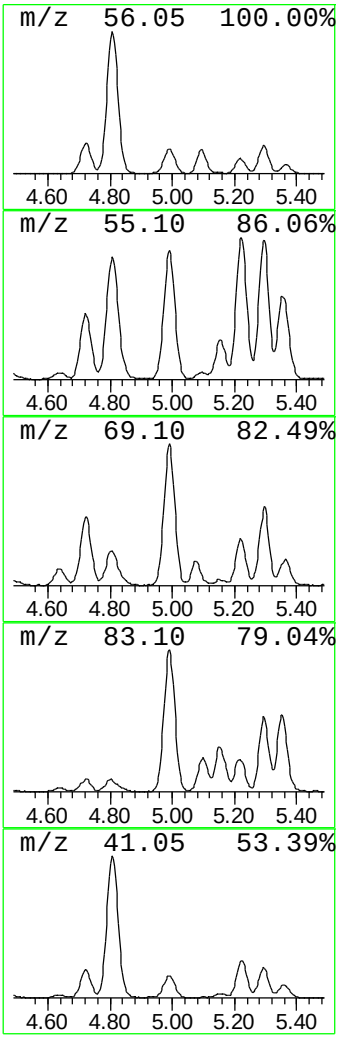
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Cyclic4.99 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	26.90 ug/L	864049	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	91
2	3-Heptene	98	C7H14	000592-78-9	64
3	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	49
4	(Z)-Hex-2-ene, 5-methyl-	98	C7H14	013151-17-2	38
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	38





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Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

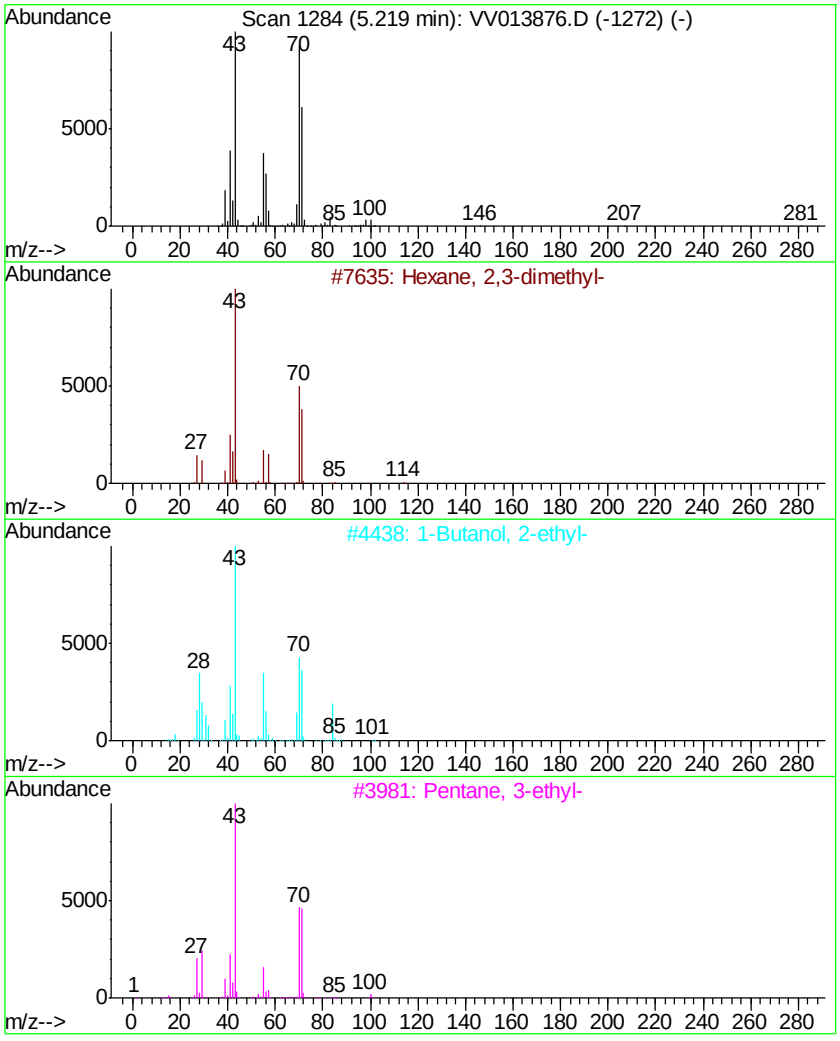
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

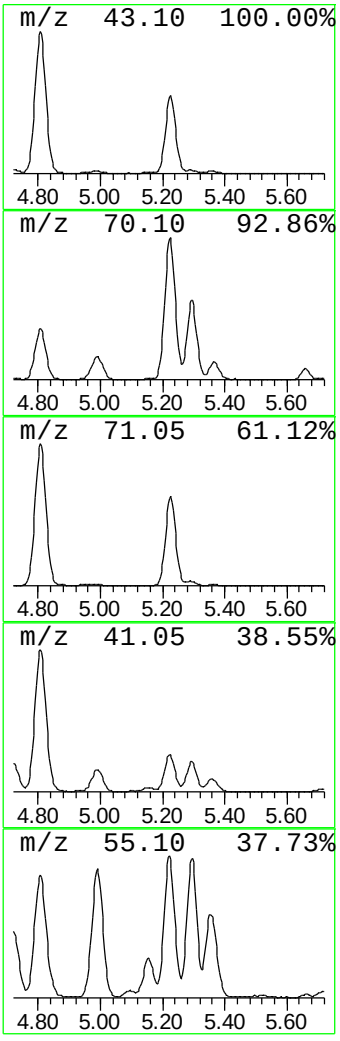
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	44.34 ug/L	1423860	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	64
2	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	50
3	Pentane, 3-ethyl-	100	C7H16	000617-78-7	47
4	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	45
5	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	43





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Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

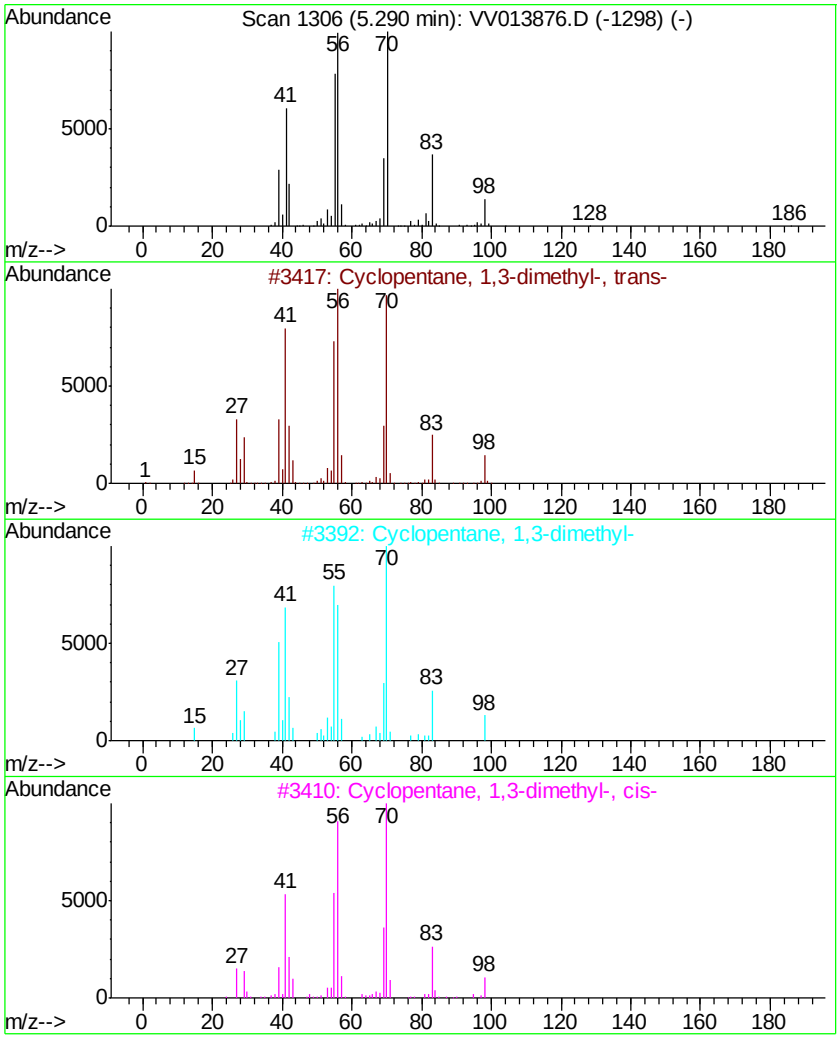
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

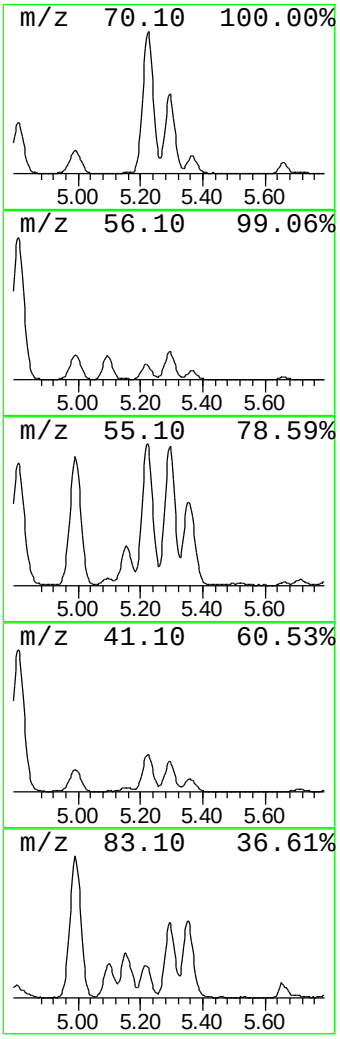
****

Peak Number 17 (DEL) Alkane: Cyclic5.29 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	26.66 ug/L	856318	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	91
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	90





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Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

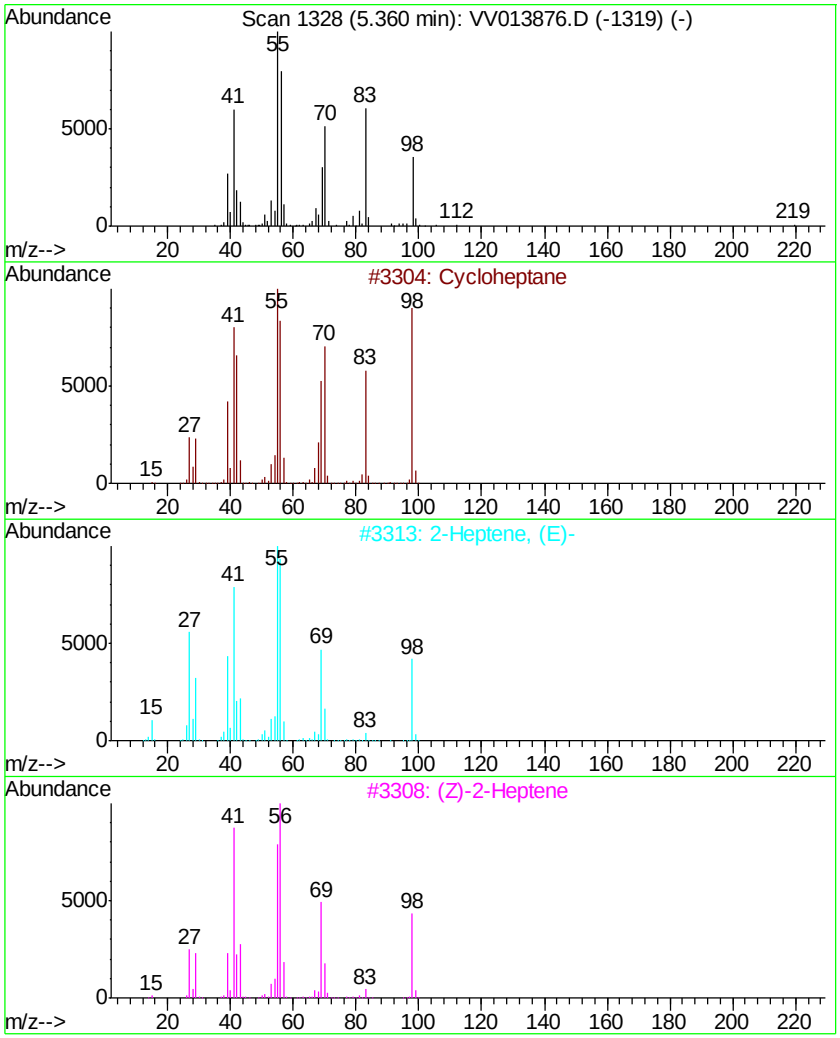
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

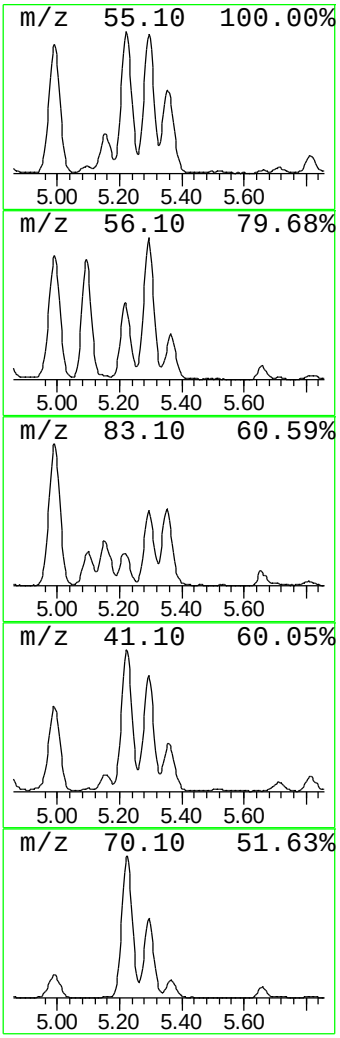
****

Peak Number 18 (DEL) Alkane: Cyclic5.36 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.36	13.32 ug/L	427764	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptane	98	C7H14	000291-64-5	72
2	2-Heptene, (E)-	98	C7H14	014686-13-6	60
3	(Z)-2-Heptene	98	C7H14	006443-92-1	53
4	3-Heptene	98	C7H14	000592-78-9	53
5	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

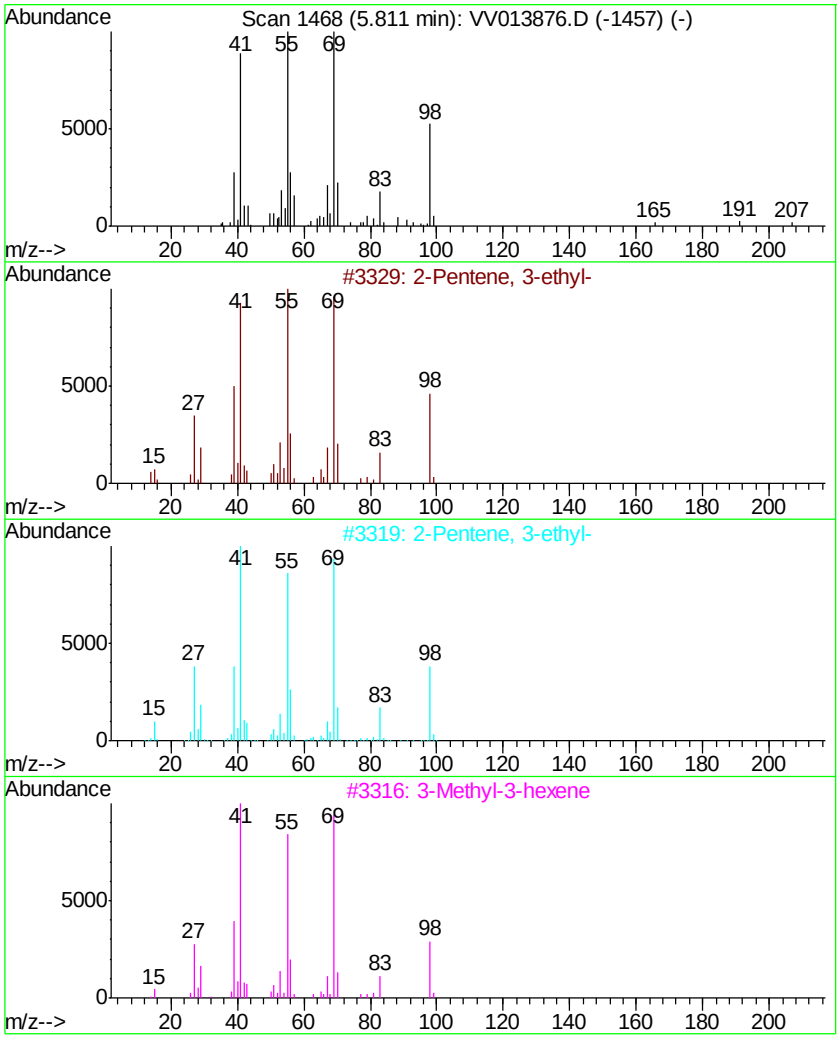
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

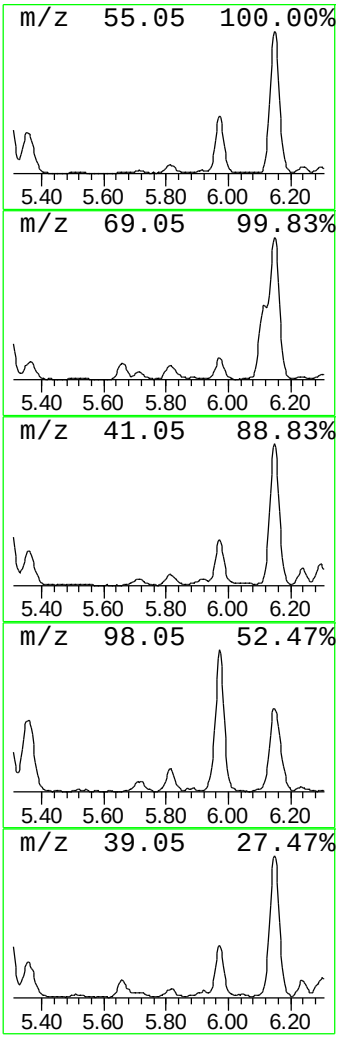
****

Peak Number 19 (DEL) Alkane: Cyclic5.81 Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.81	2.65 ug/L	85010	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-ethyl-	98	C7H14	000816-79-5	94
2	2-Pentene, 3-ethyl-	98	C7H14	000816-79-5	87
3	3-Methyl-3-hexene	98	C7H14	003404-65-7	83
4	3-Heptene	98	C7H14	000592-78-9	72
5	(Z)-3-Heptene	98	C7H14	007642-10-6	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

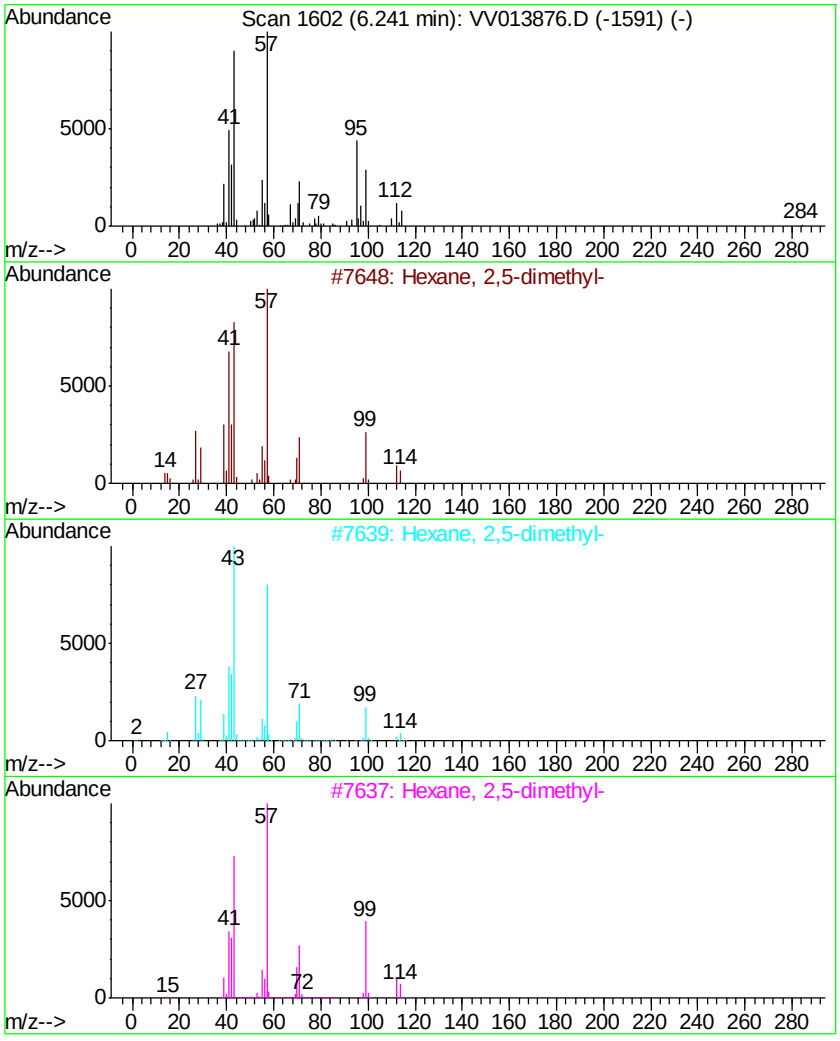
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

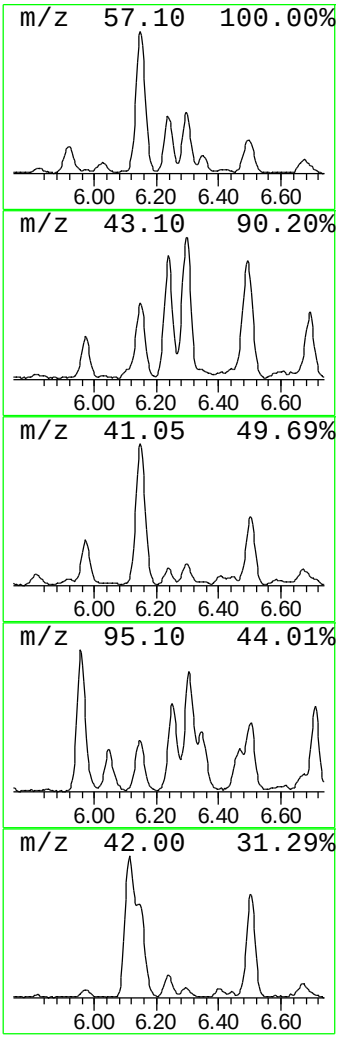
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	5.65 ug/L	181591	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	92
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	64
3	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	50
4	Heptane, 2-methyl-	114	C8H18	000592-27-8	38
5	Heptane, 2-methyl-	114	C8H18	000592-27-8	38





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Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

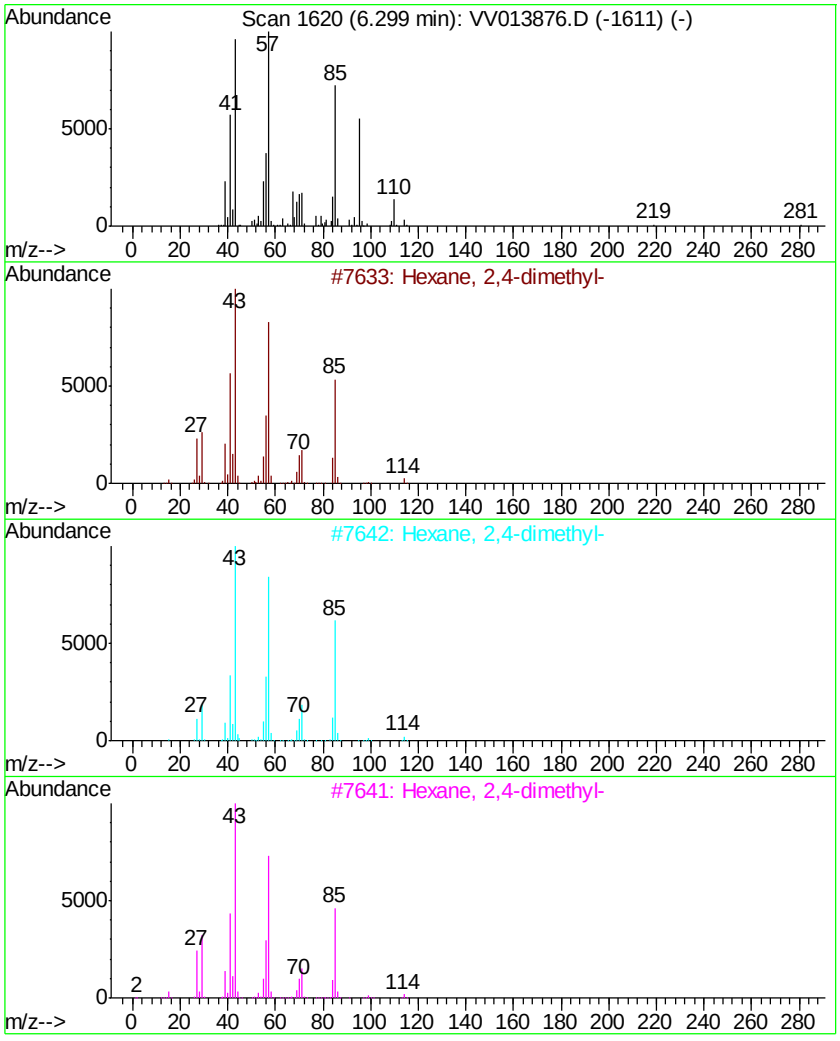
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

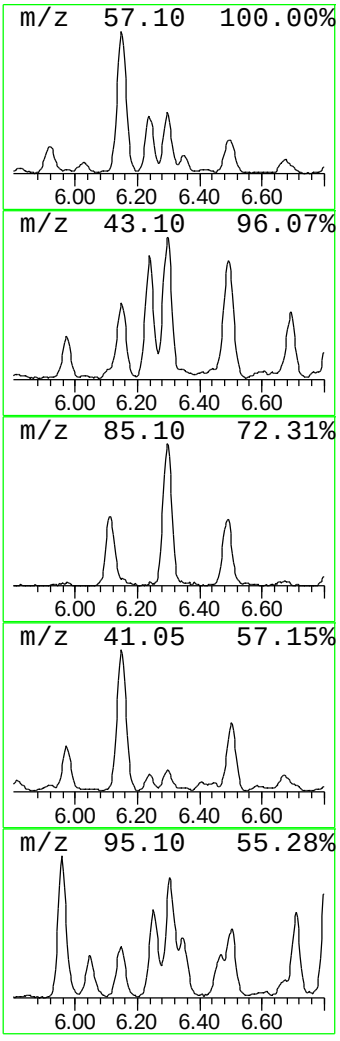
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	6.41 ug/L	205872	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	70
2	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	62
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	62
4	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	47
5	Heptane, 3-methyl-	114	C8H18	000589-81-1	46





Library Search Compound Report

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Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

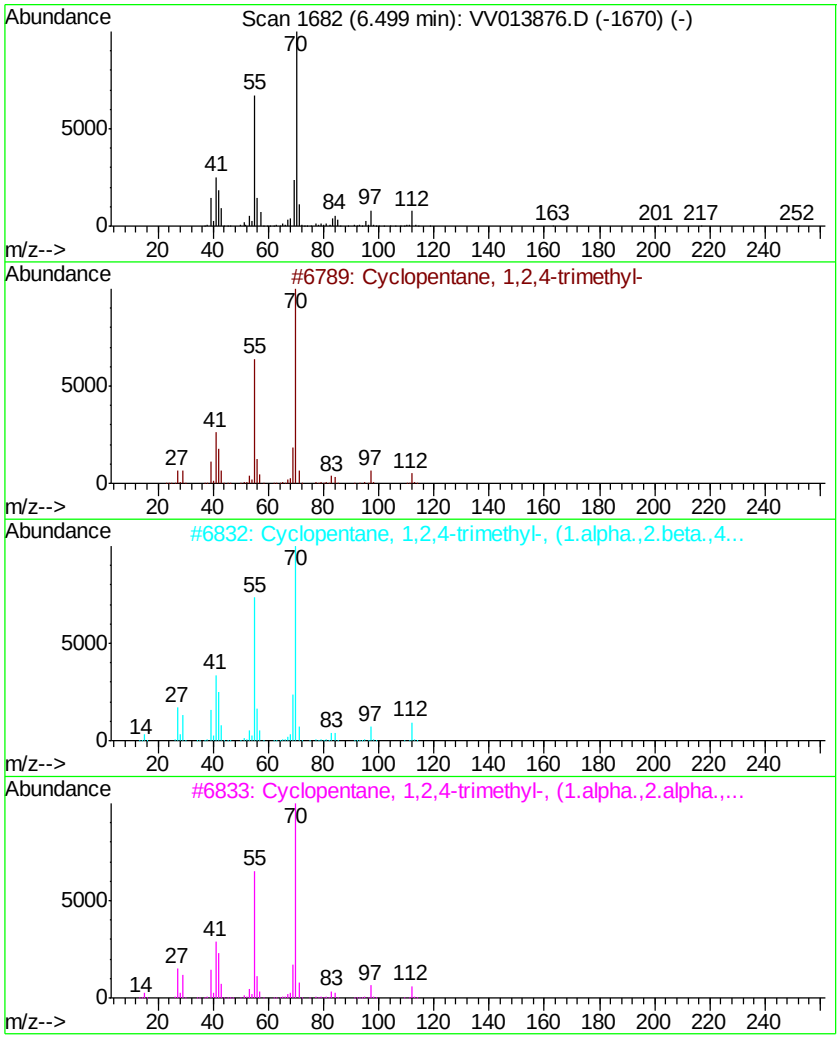
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

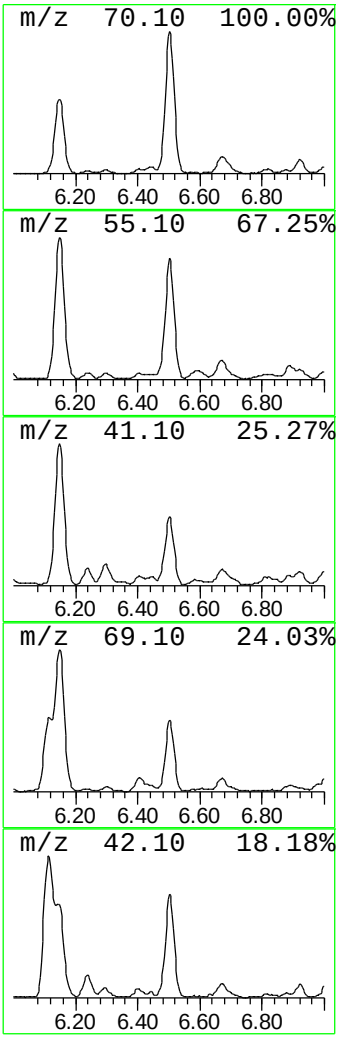
****

Peak Number 22 (DEL) Alkane: Cyclic6.50 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	33.58 ug/L	1078320	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	94
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	94
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	90
4	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	90
5	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	87





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Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

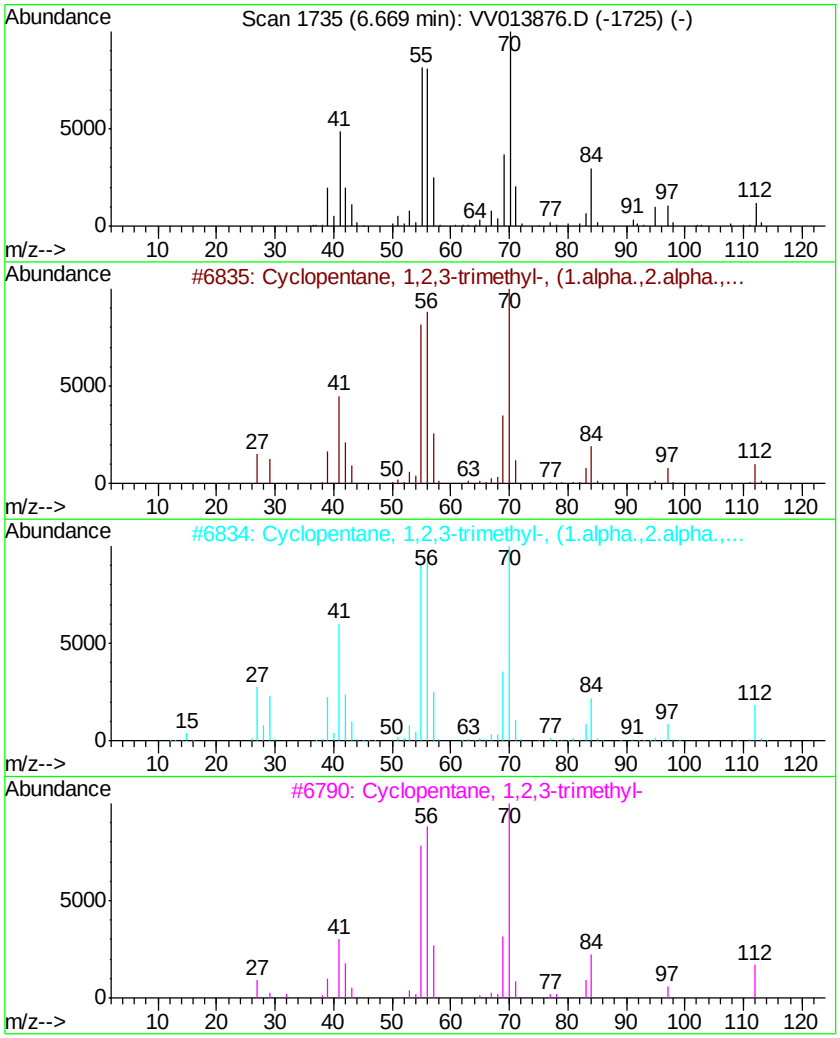
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

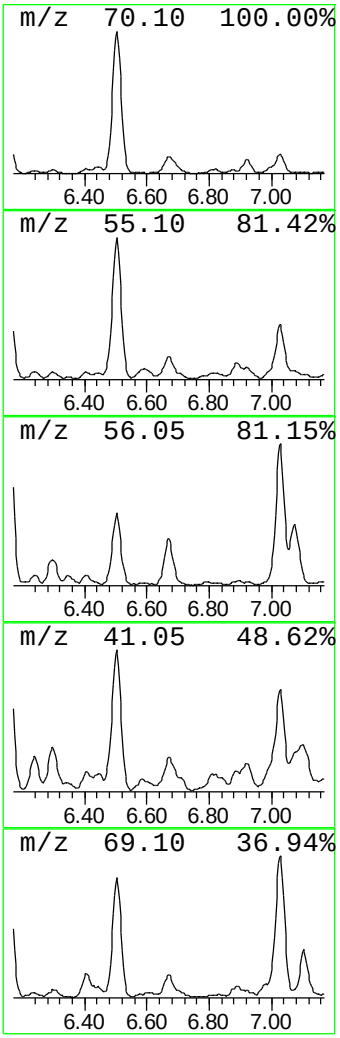
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Cyclic6.67 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	10.05 ug/L	322859	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	90
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	72
3	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	72
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	59
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	59





Library Search Compound Report

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Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

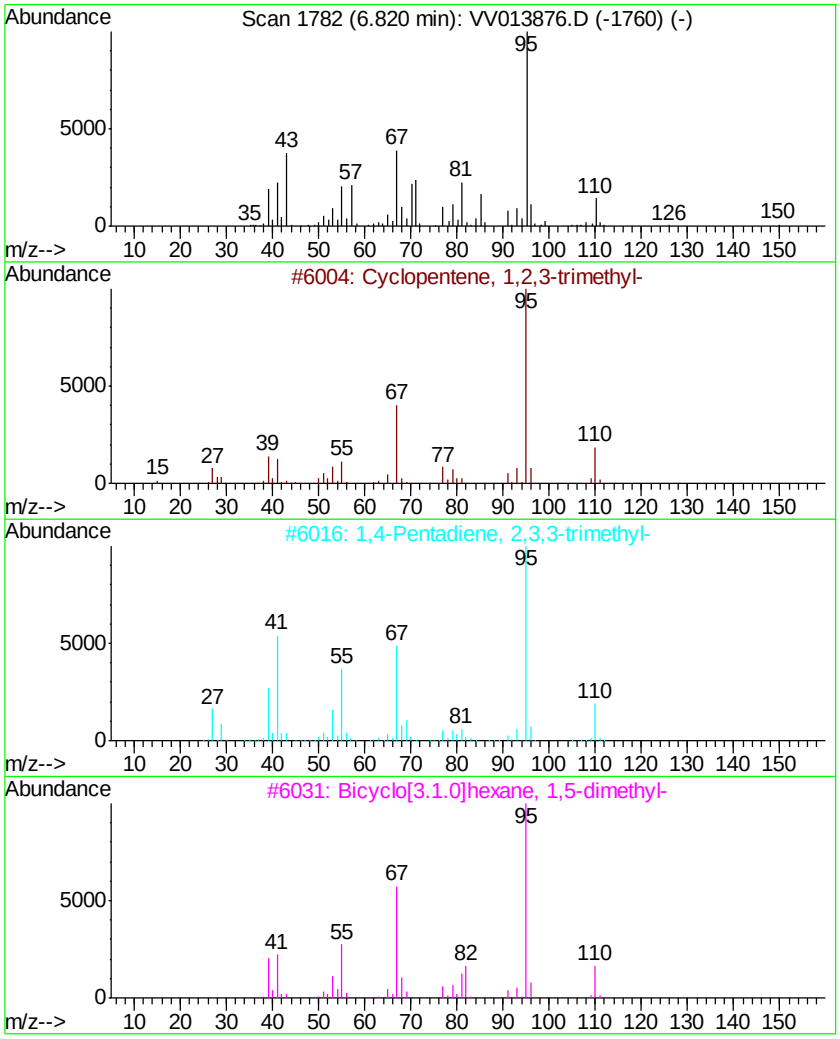
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

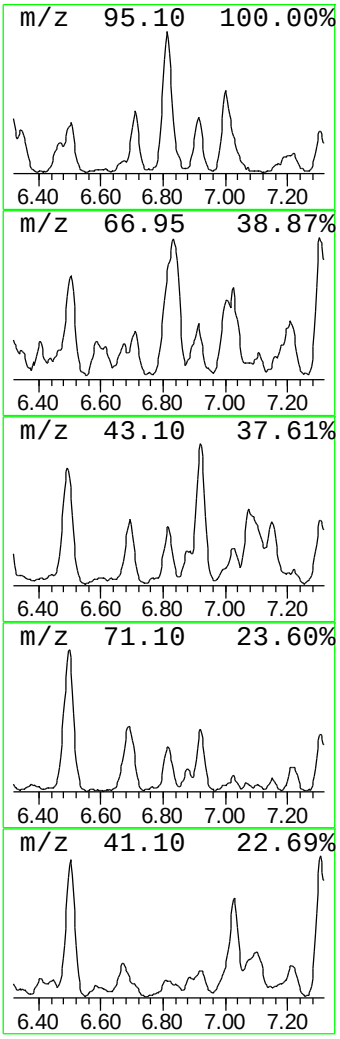
****

Peak Number 24 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	10.03 ug/L	322066	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	70
2	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	58
3	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	58
4	Bicyclo[2.2.1]heptane, 2-(1,1-di...	164	C12H20	069219-08-5	53
5	exo-2-Bromonorbornane	174	C7H11Br	002534-77-2	50





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Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

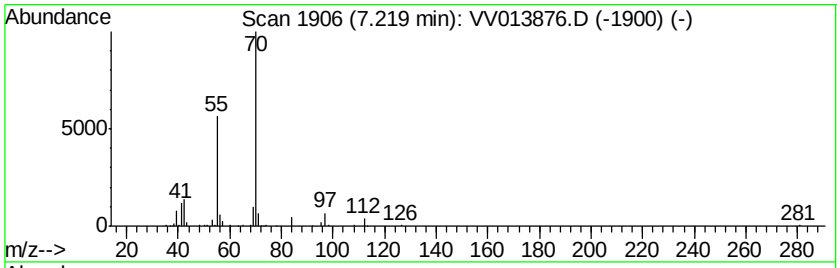
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

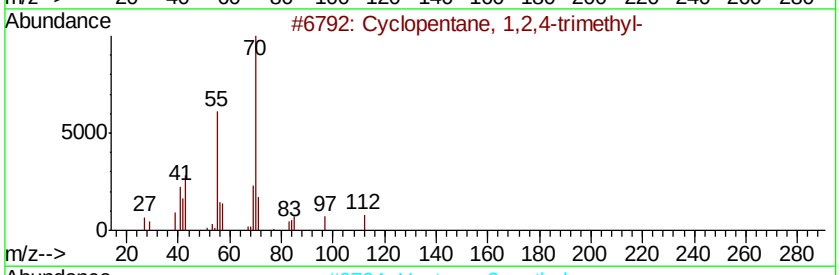
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

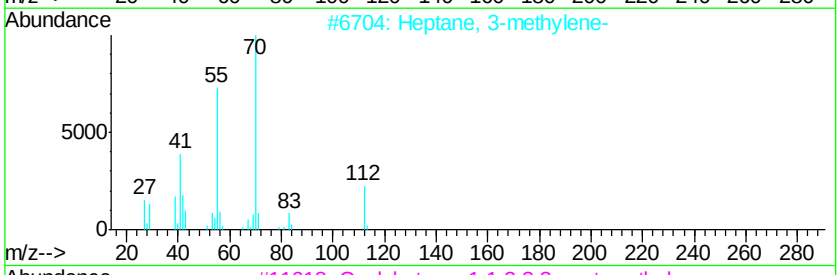
****
Peak Number 26 (DEL) Alkane: Cyclic7.22 Concentration Rank 44

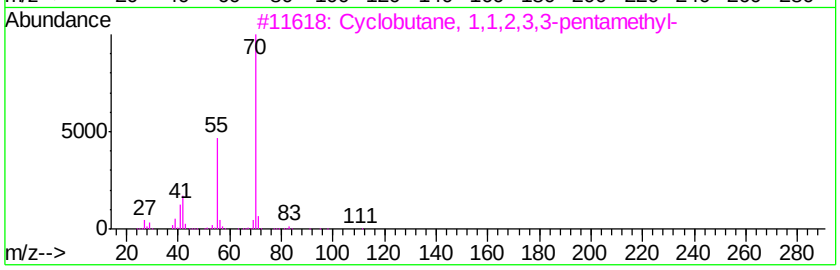
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	7.42 ug/L	238374	1,4-Difluorobenzene	5.66

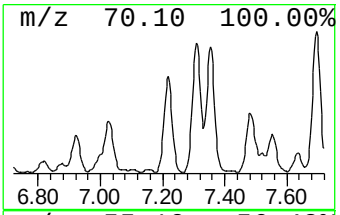
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	72
2	Heptane, 3-methylene-	112	C8H16	001632-16-2	72
3	Cyclobutane, 1,1,2,3,3-pentamethyl-	126	C9H18	057905-86-9	64
4	Cyclobutane, 2-ethyl-1-methyl-3-...	140	C10H20	061233-72-5	64
5	2,3-Dimethyl-1-hexene	112	C8H16	016746-86-4	64

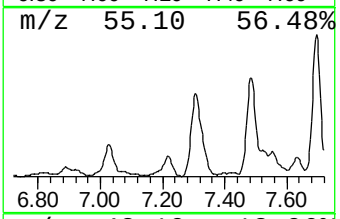


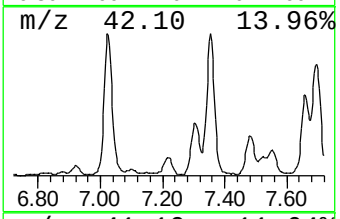


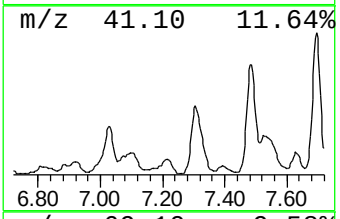


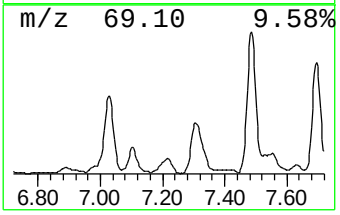












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

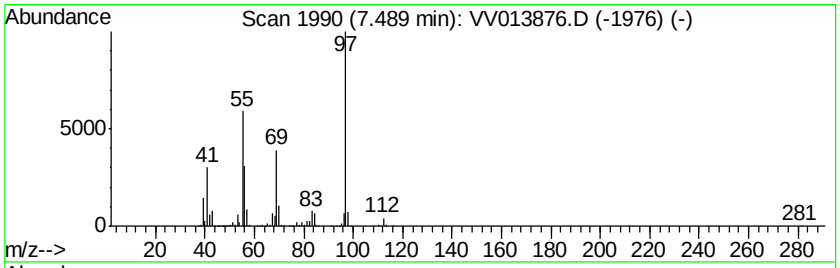
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

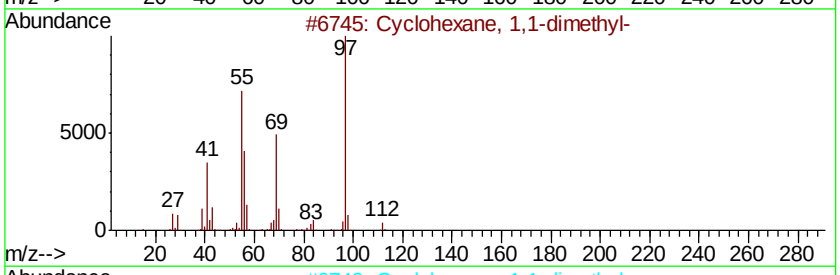
****

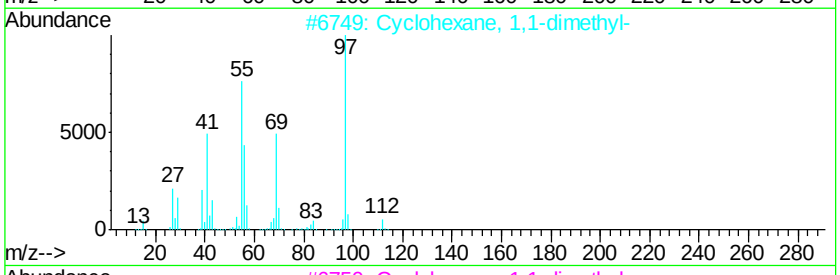
Peak Number 27 (DEL) Alkane: Cyclic7.49 Concentration Rank 6

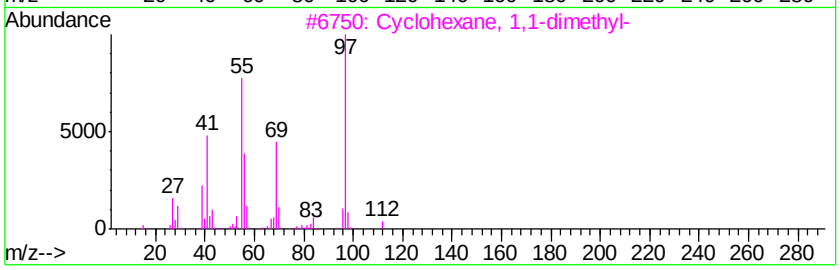
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	43.49 ug/L	1473250	Chlorobenzene-d5	8.89

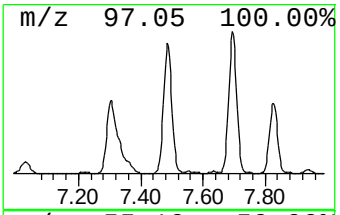
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	94
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	93
3	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	91
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	64
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	56

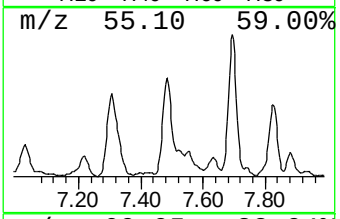


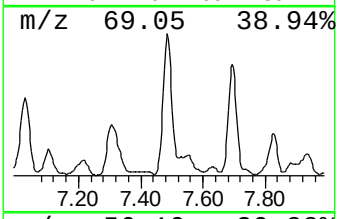


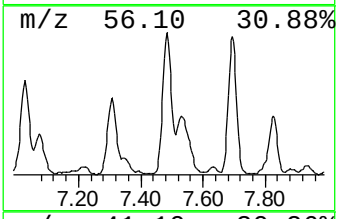


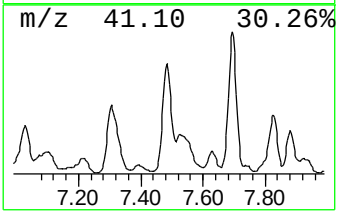












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

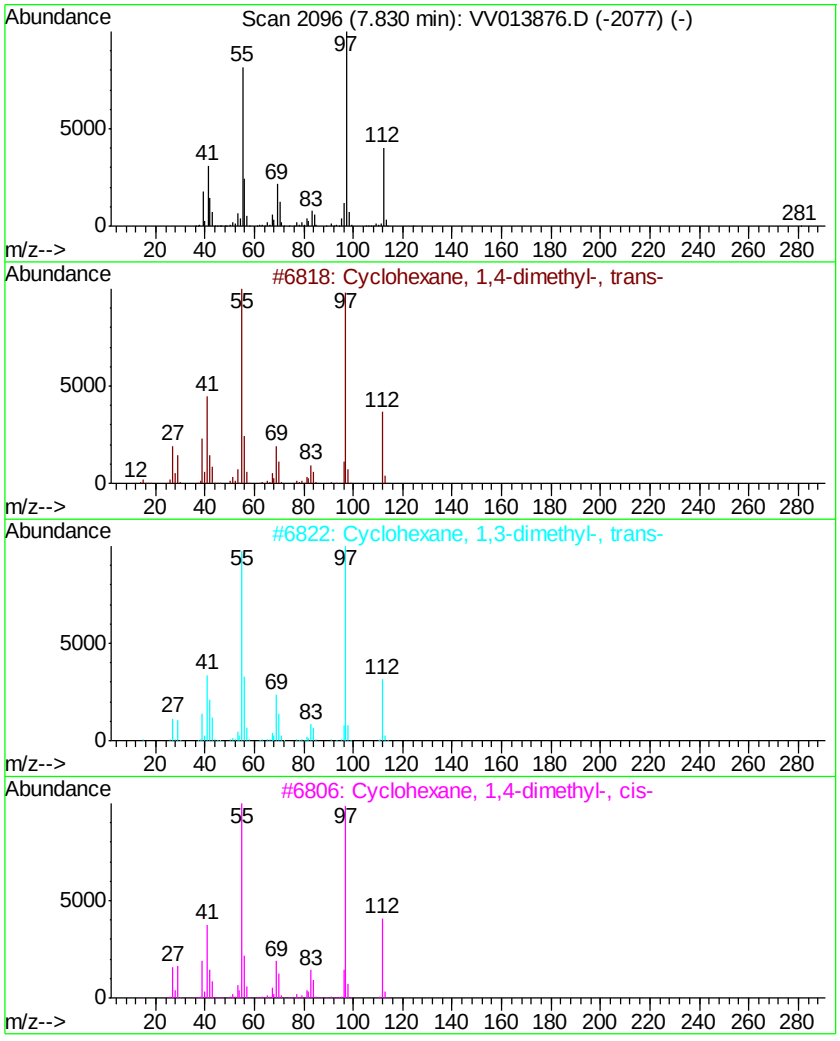
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

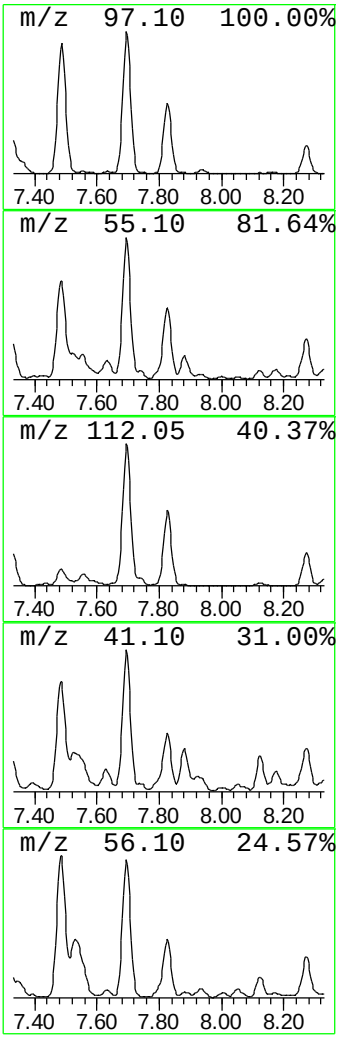
****

Peak Number 28 (DEL) Alkane: Cyclic7.83 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	27.88 ug/L	944625	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	96
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	94
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	94
5	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

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

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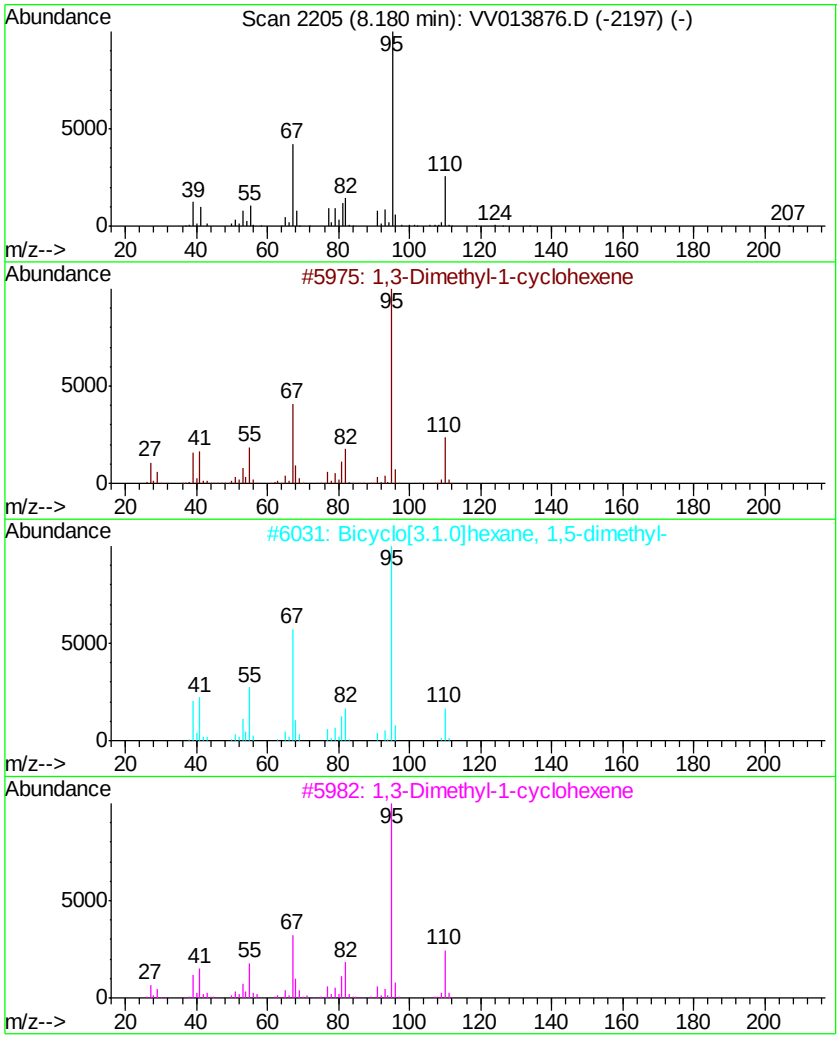
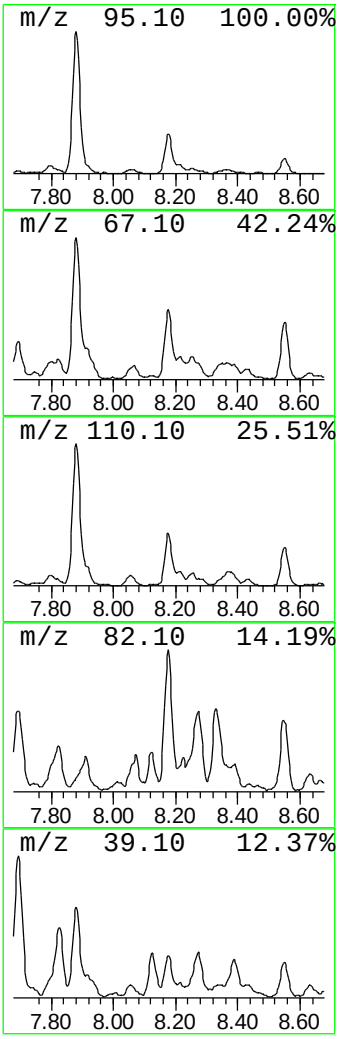
Peak Number 30 1,3-Dimethyl-1-cyclohexene Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	9.04 ug/L	306169	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	91
2	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	91
3	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	87
4	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	87
5	trans-3,5-Dimethylcyclohexene	110	C8H14	056021-63-7	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

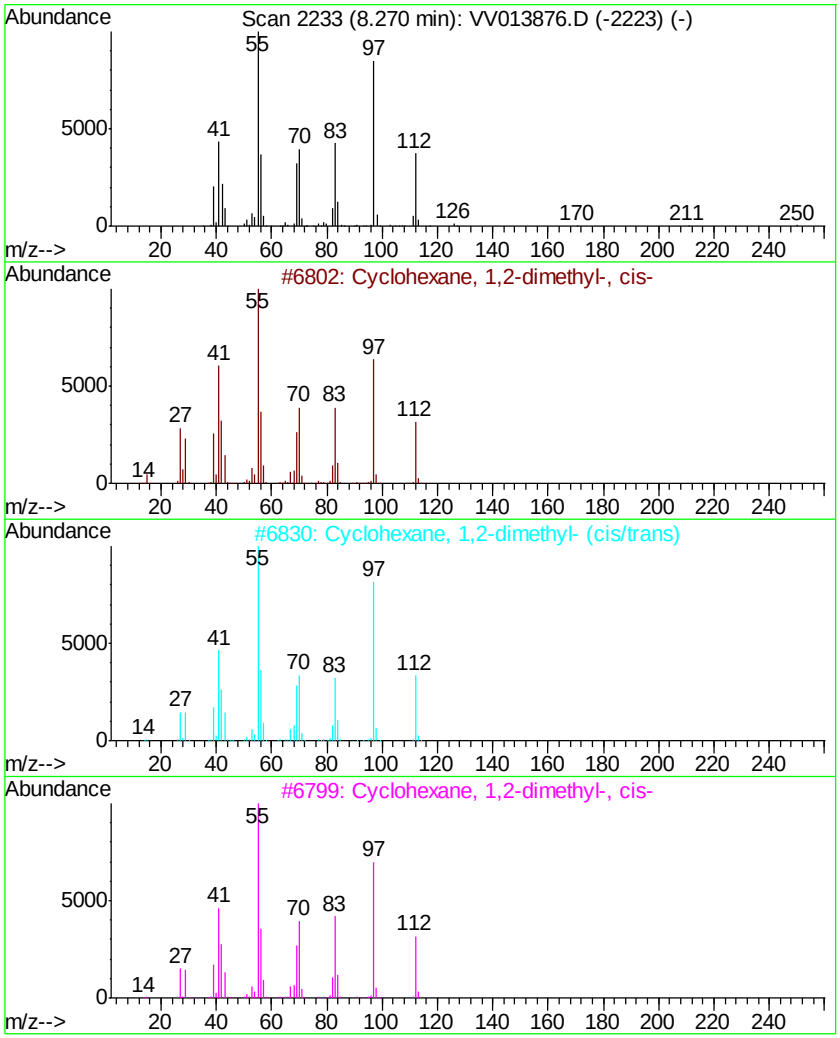
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

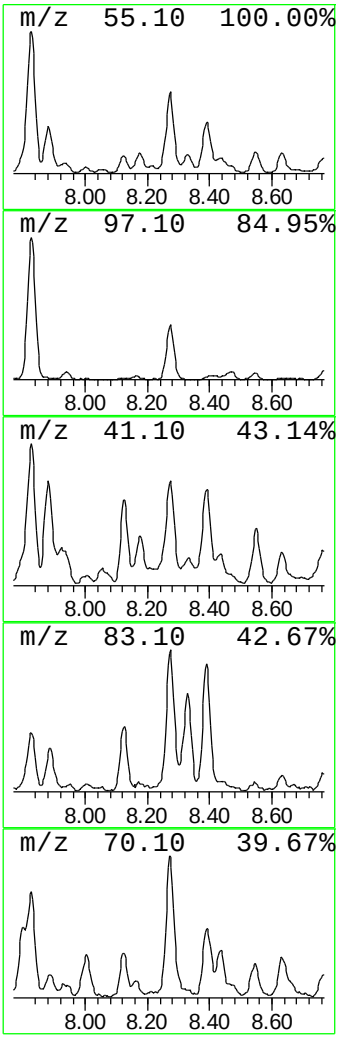
****

Peak Number 31 (DEL) Alkane: Cyclic8.27 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	14.63 ug/L	495722	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	93
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90
3	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	90
4	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	90
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

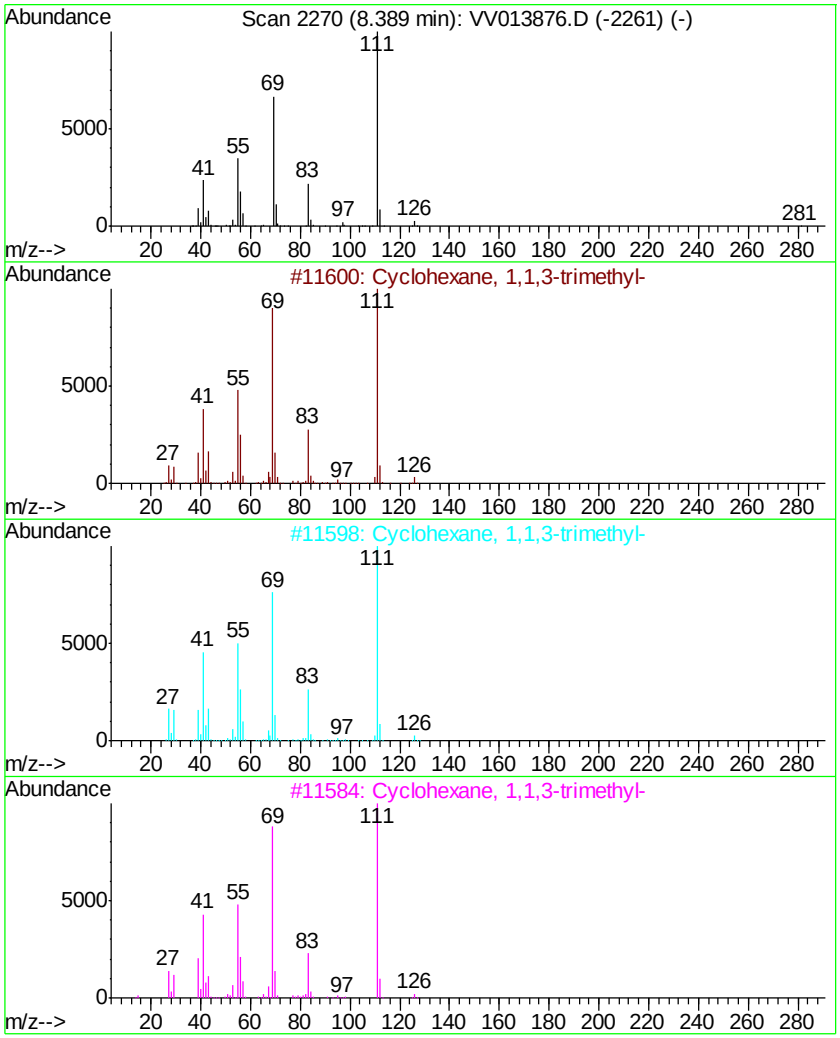
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

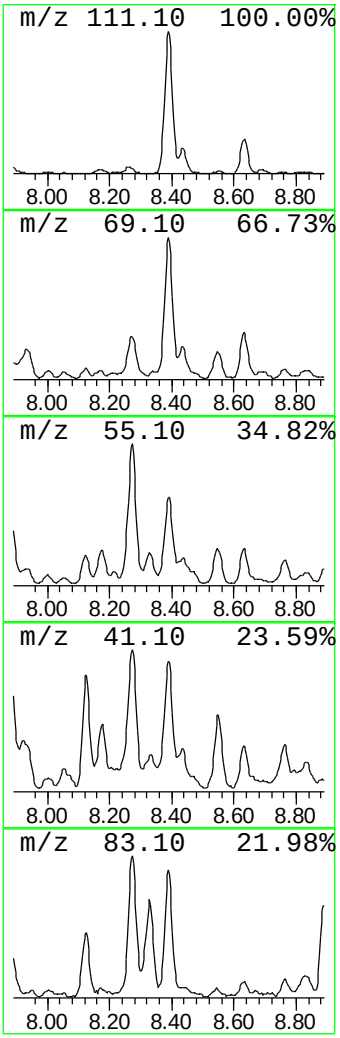
****

Peak Number 32 (DEL) Alkane: Cyclic8.39 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	10.88 ug/L	368709	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	70
5	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

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

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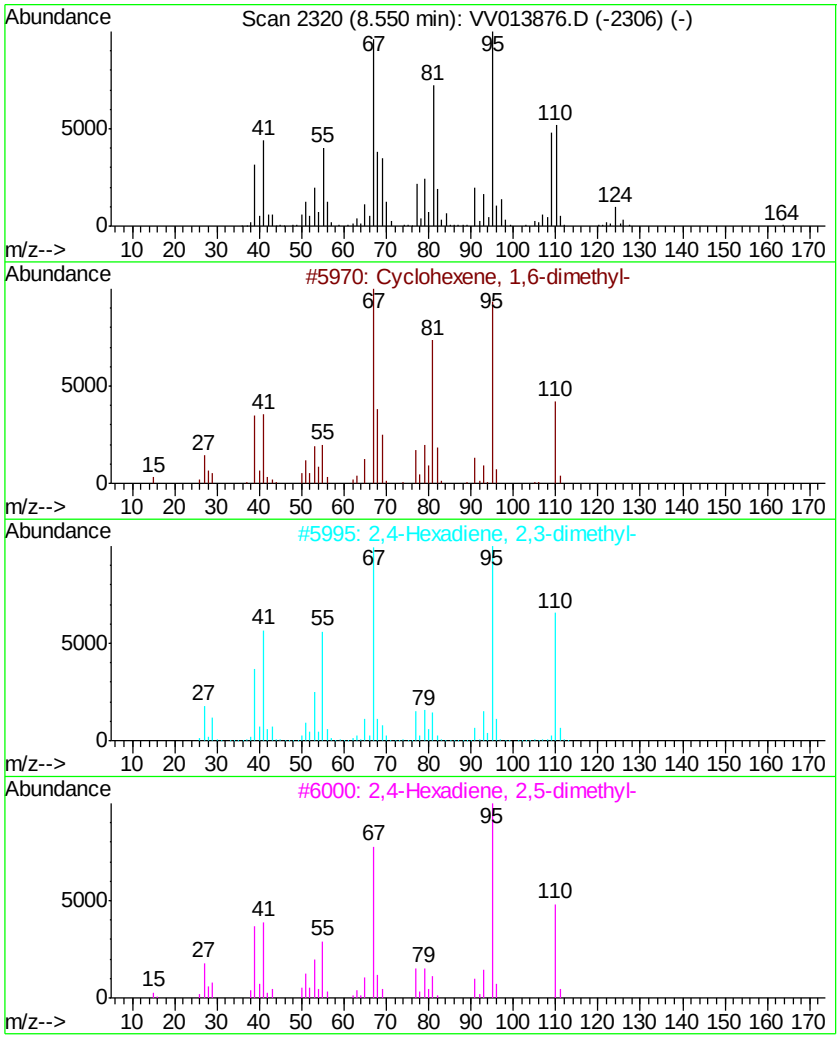
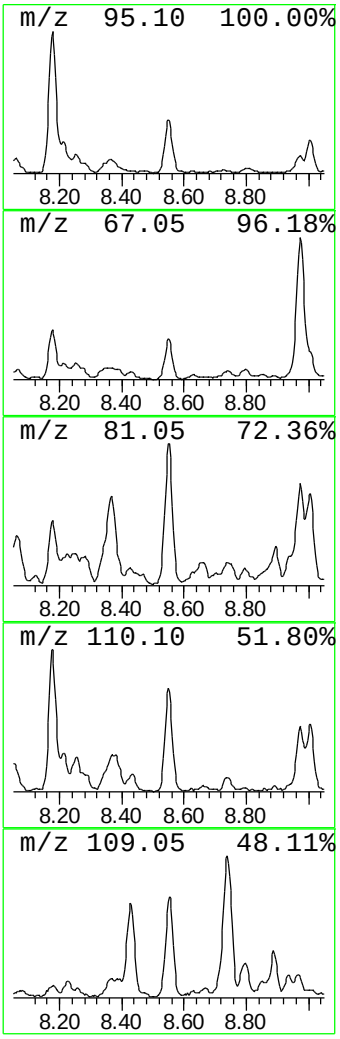
Peak Number 33 Cyclohexene, 1,6-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.55	13.34 ug/L	451961	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1,6-dimethyl-	110	C8H14	001759-64-4	96
2	2,4-Hexadiene, 2,3-dimethyl-	110	C8H14	005678-98-8	94
3	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	93
4	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	93
5	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	76





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

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

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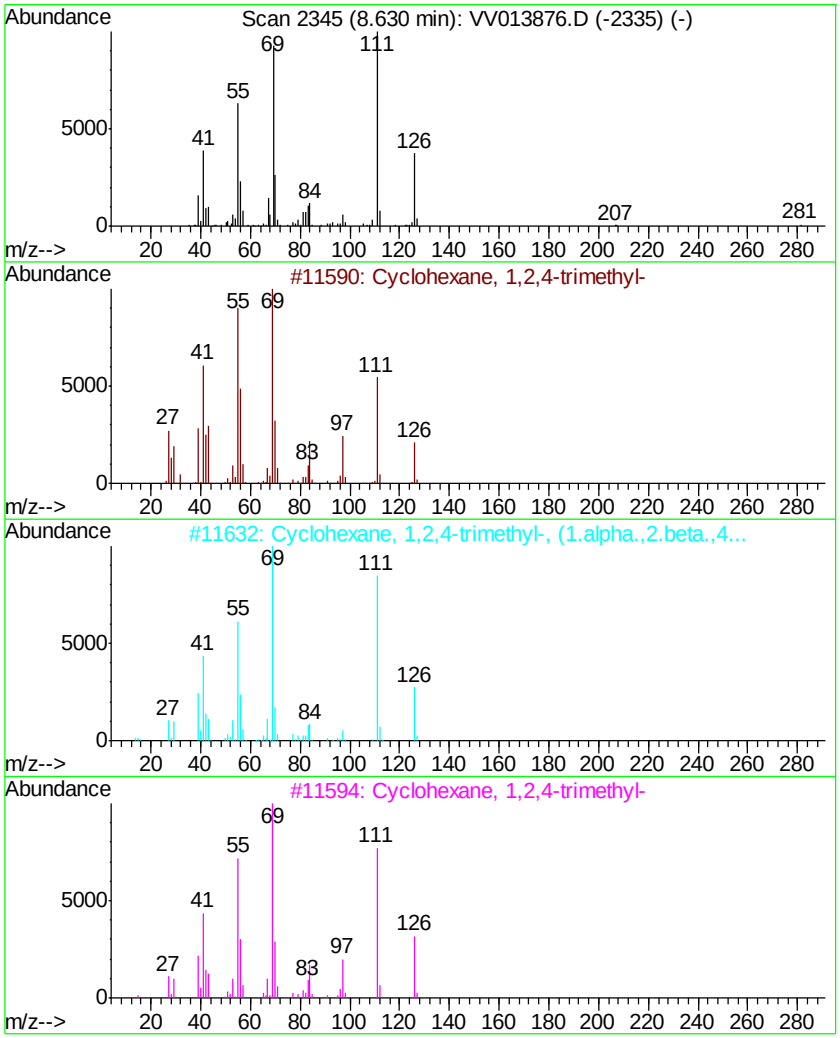
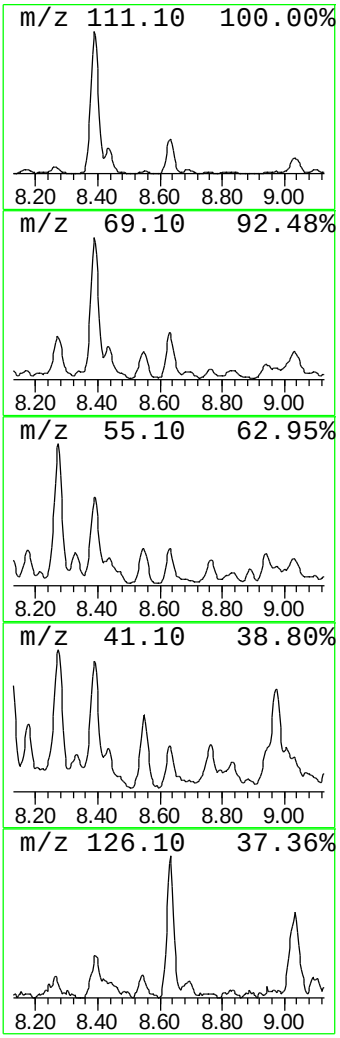
Peak Number 34 (DEL) Alkane: Cyclic8.63 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	6.55 ug/L	221937	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	90
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	90
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	87
4	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	86
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

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

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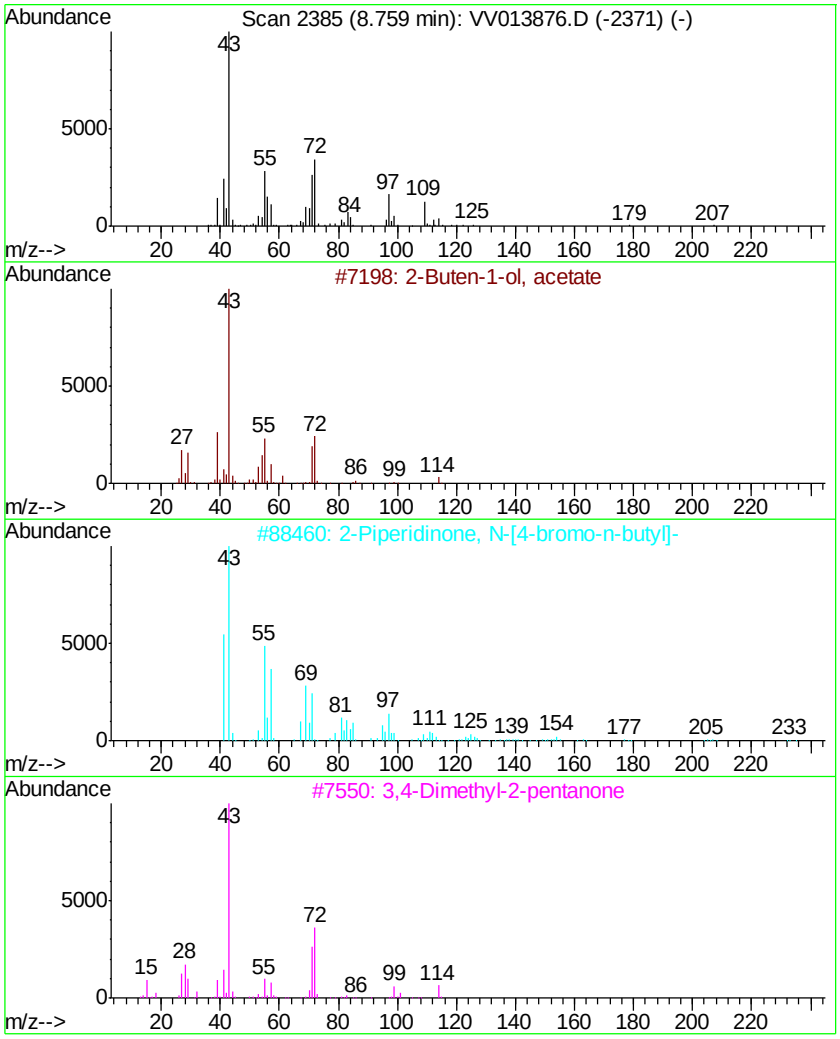
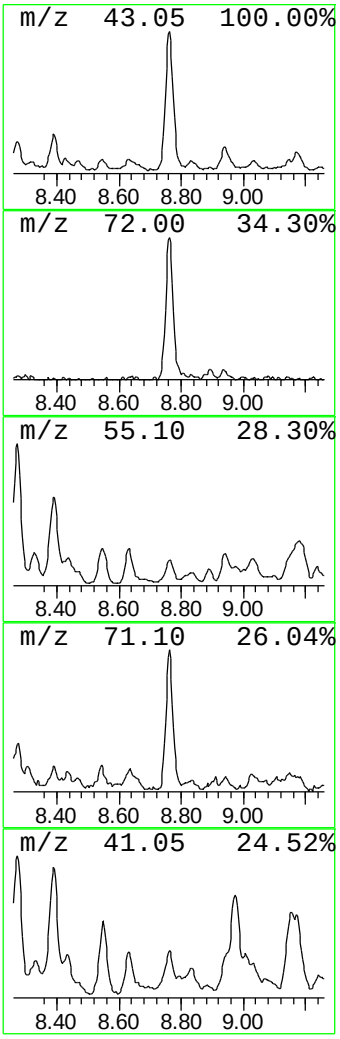
Peak Number 35 unknown-01 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	6.16 ug/L	208842	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Buten-1-ol, acetate	114	C6H10O2	000628-08-0	38
2	2-Piperidinone, N-[4-bromo-n-but...	233	C9H16BrNO	195194-80-0	37
3	3,4-Dimethyl-2-pentanone	114	C7H14O	1000202-23-1	32
4	Muscimol	114	C4H6N2O2	002763-96-4	27
5	2-Hexanone, 3-methyl-	114	C7H14O	002550-21-2	27





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

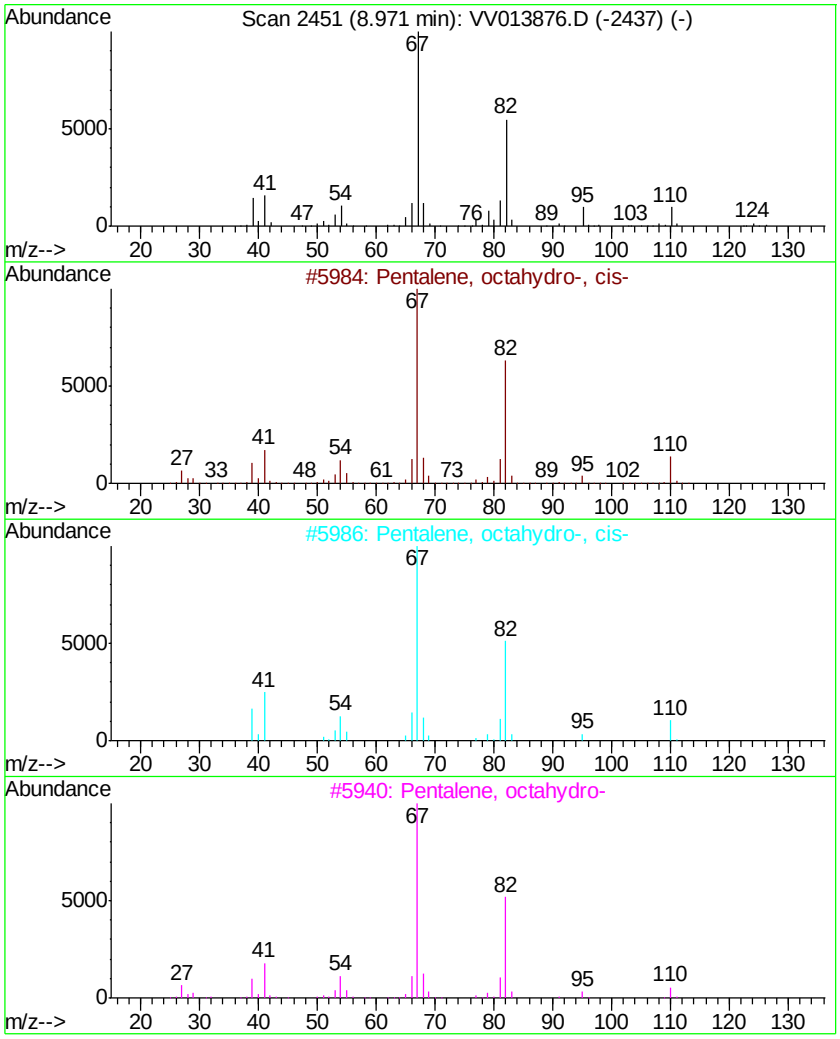
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

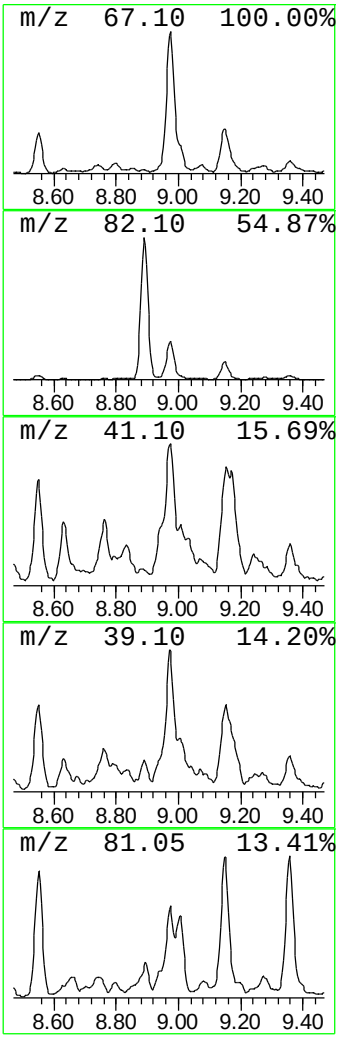
****

Peak Number 36 Pentalene, octahydro-, cis- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	13.93 ug/L	471759	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	91
2	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	90
3	Pentalene, octahydro-	110	C8H14	000694-72-4	87
4	Bicyclo[2.2.2]octane	110	C8H14	000280-33-1	72
5	Carbonic acid, 3-hexenyl methyl ...	158	C8H14O3	067633-96-9	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

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

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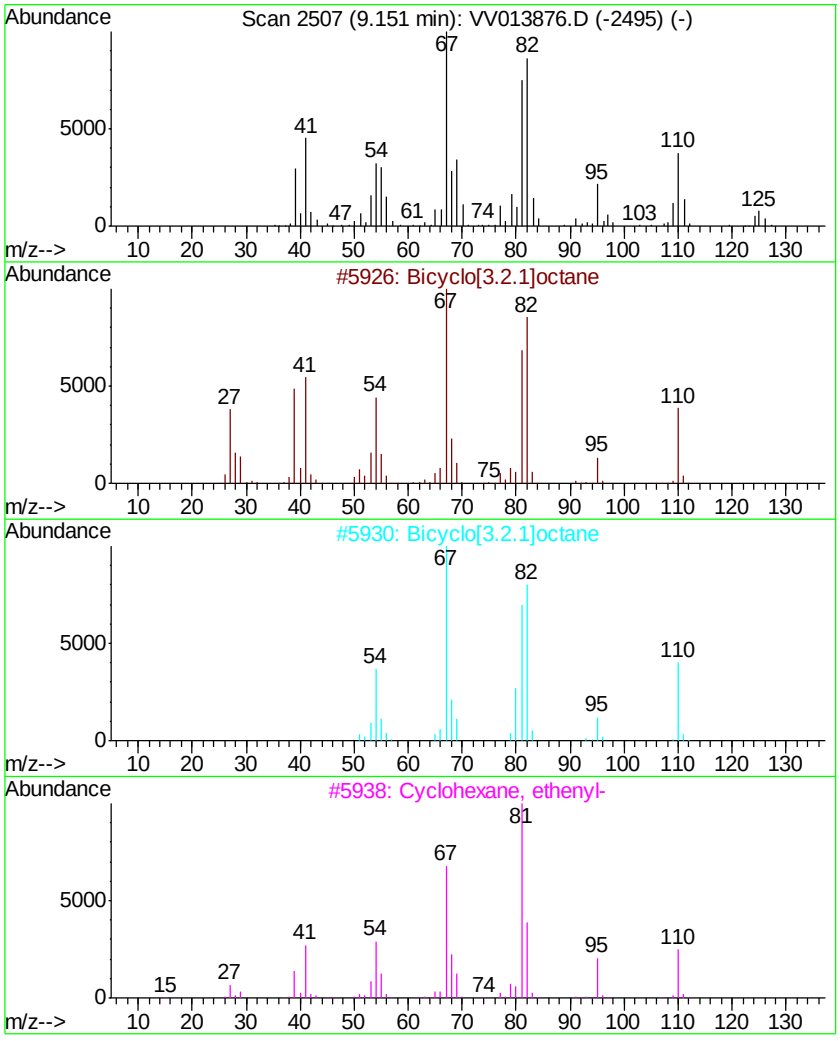
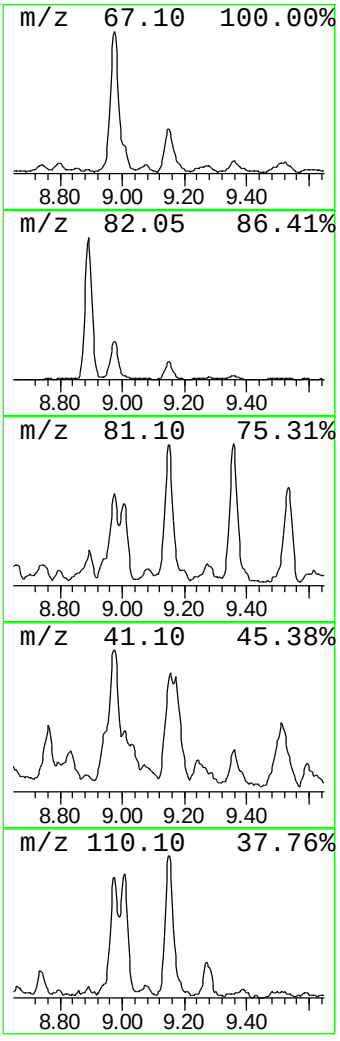
Peak Number 37 Bicyclo[3.2.1]octane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	20.18 ug/L	683668	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	87
2	Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	72
3	Cyclohexane, ethenyl-	110	C8H14	000695-12-5	68
4	Cyclooctene	110	C8H14	000931-88-4	64
5	Pentalene, octahydro-, cis-	110	C8H14	001755-05-1	64





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Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

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

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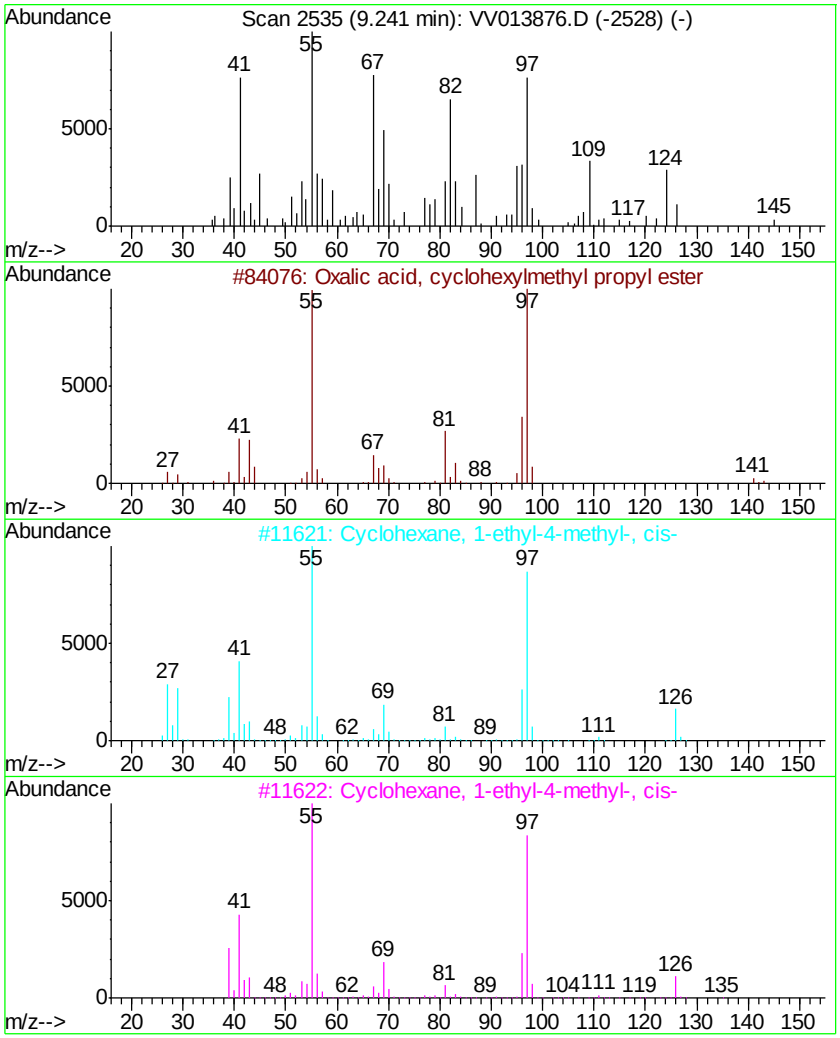
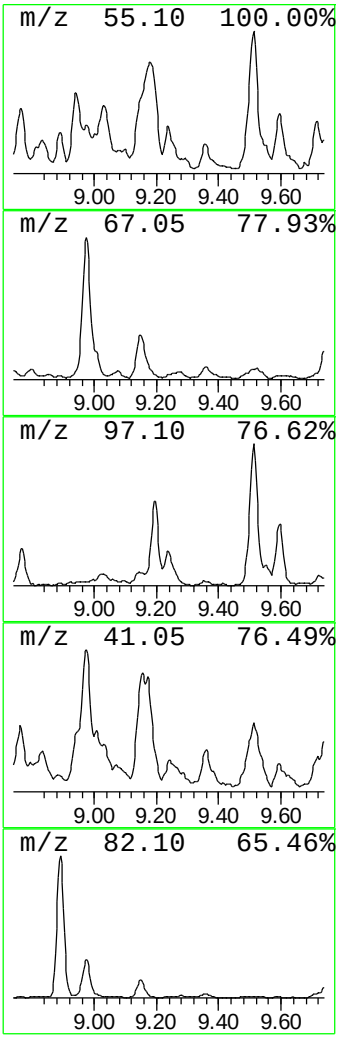
Peak Number 38 unknown-02 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	3.59 ug/L	121660	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclohexylmethyl pr...	228	C12H20O4	1000309-68-1	38
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	38
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	35
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	35
5	Cyclohexanemethanol, 2-methyl-	128	C8H16O	002105-40-0	35





Library Search Compound Report

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Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

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

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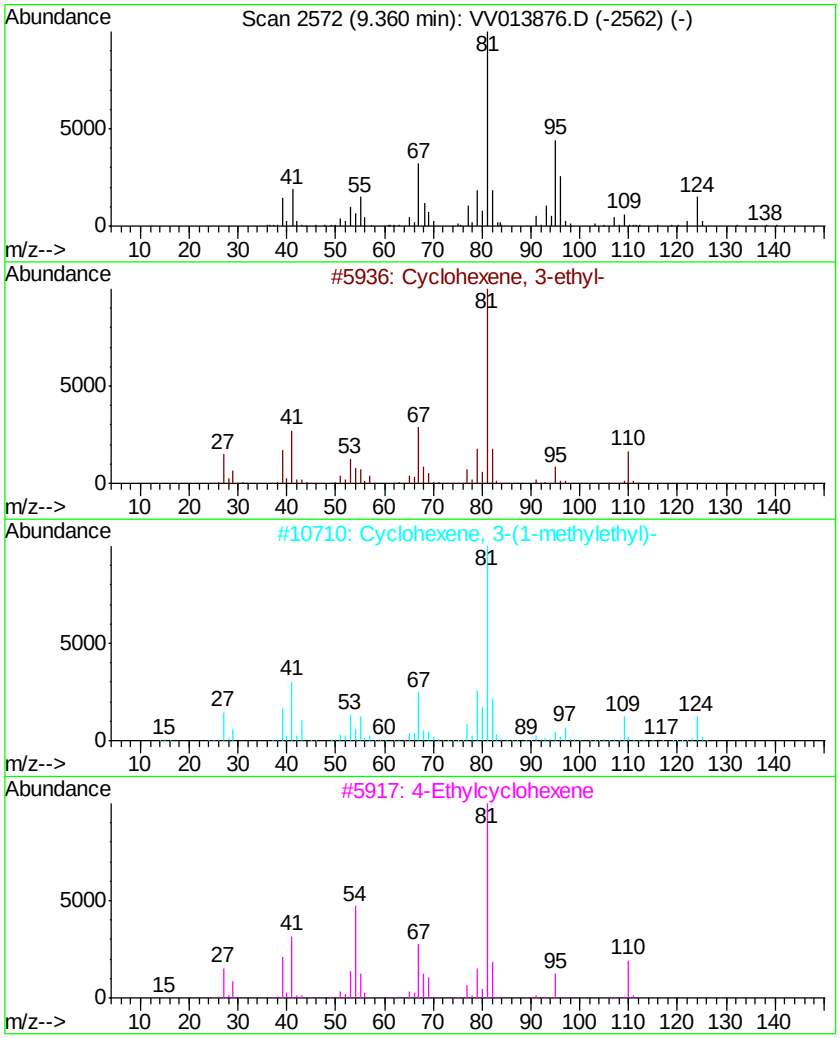
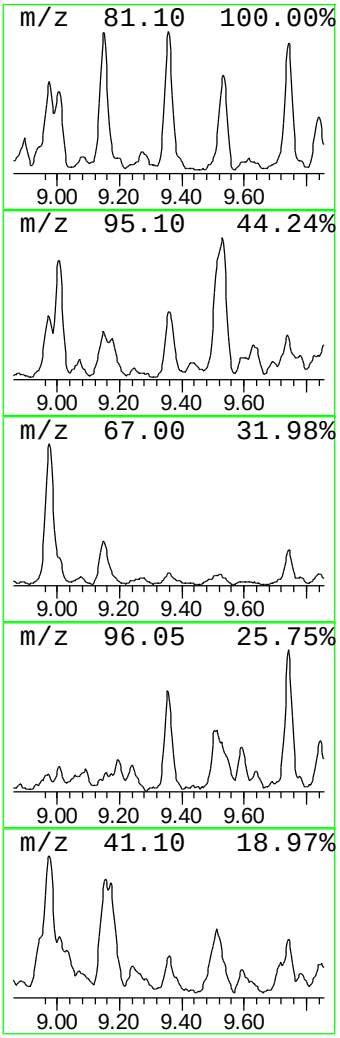
Peak Number 39 unknown-03 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	6.19 ug/L	209731	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	47
2	Cyclohexene, 3-(1-methylethyl)-	124	C9H16	003983-08-2	47
3	4-Ethylcyclohexene	110	C8H14	003742-42-5	47
4	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	46
5	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	43





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Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

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

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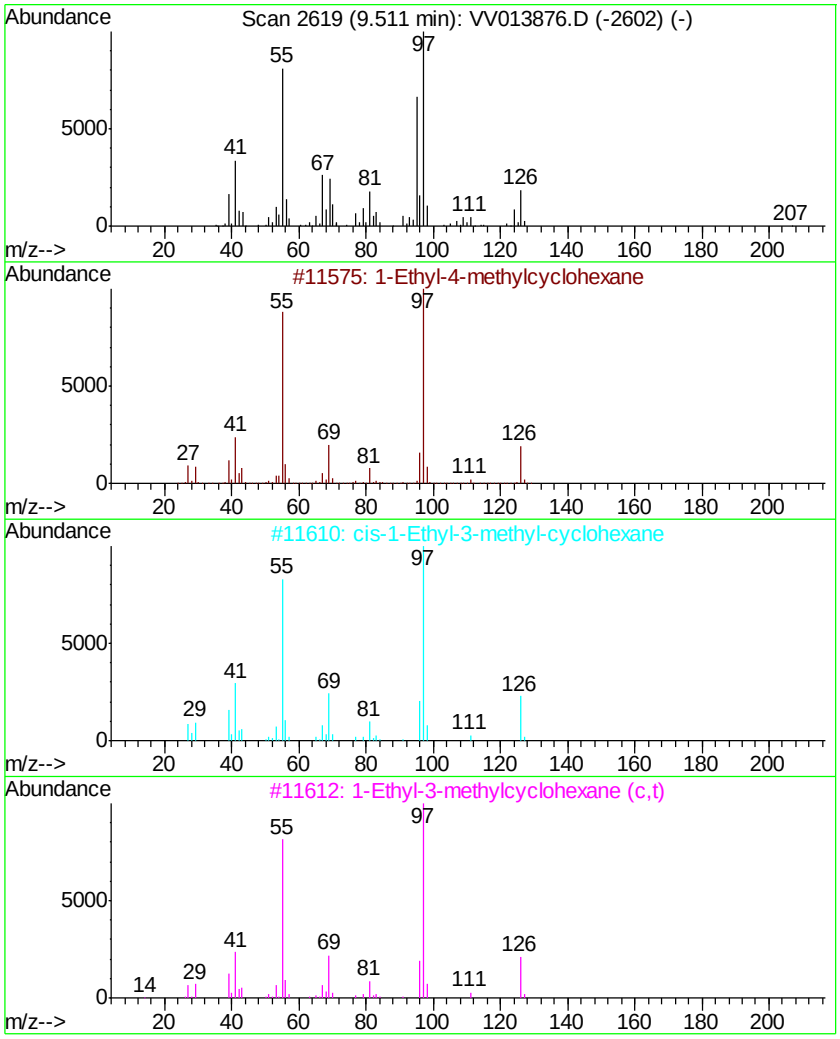
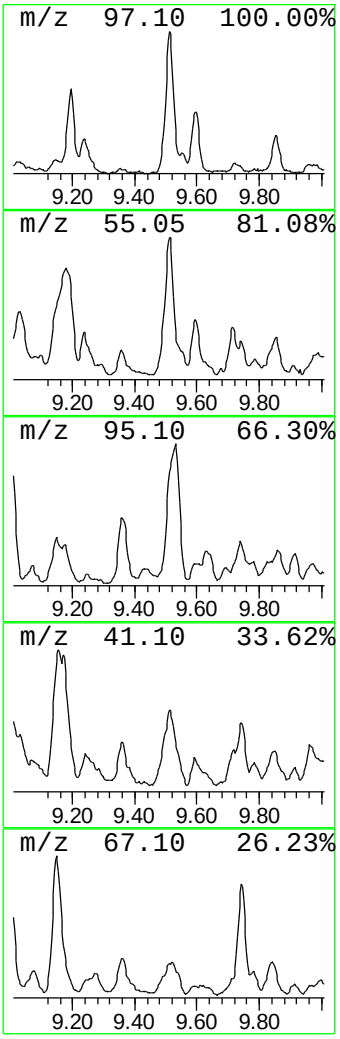
Peak Number 40 (DEL) Alkane: Cyclic9.51 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	12.03 ug/L	407376	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	70
2	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	64
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	64
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	60
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	53





Library Search Compound Report

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Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

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

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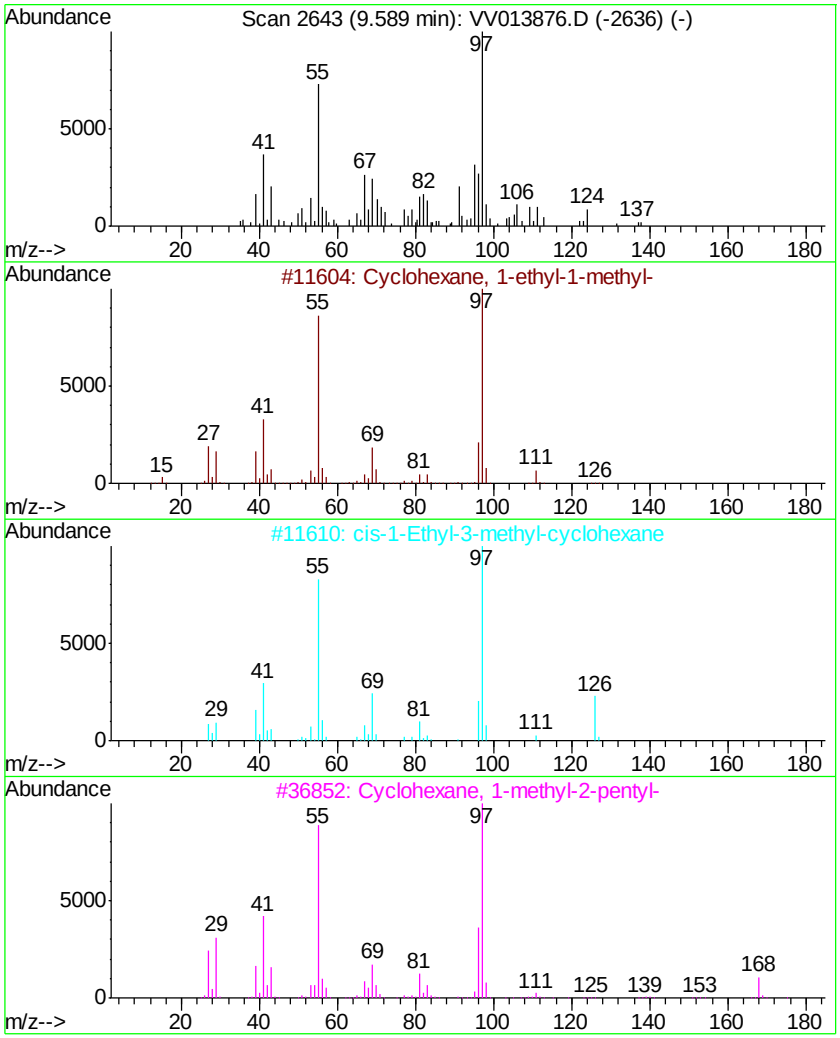
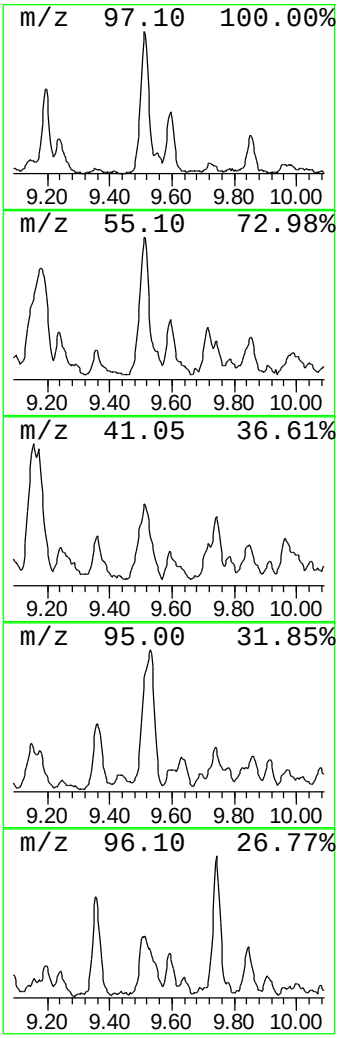
Peak Number 41 (DEL) Alkane: Cyclic9.59 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	4.53 ug/L	153435	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	53
2	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	53
3	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	53
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	53
5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	53





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Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

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

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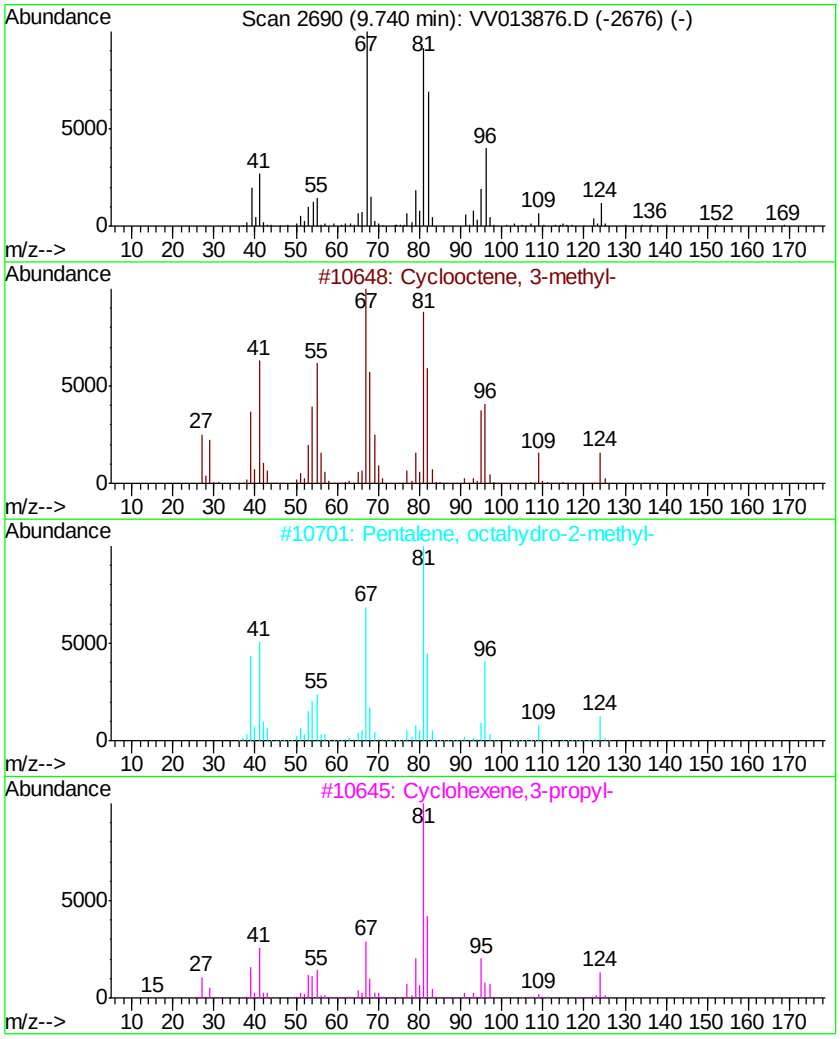
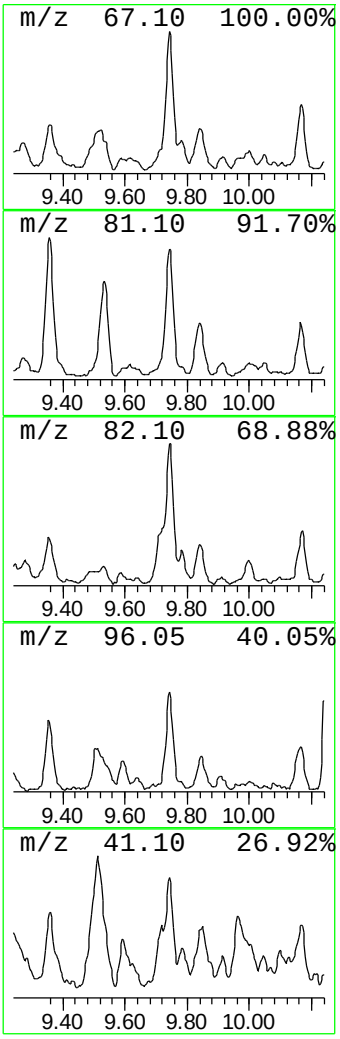
Peak Number 42 Cyclooctene, 3-methyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	6.69 ug/L	226663	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	91
2	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	74
3	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	55
4	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	55
5	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	46





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Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

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

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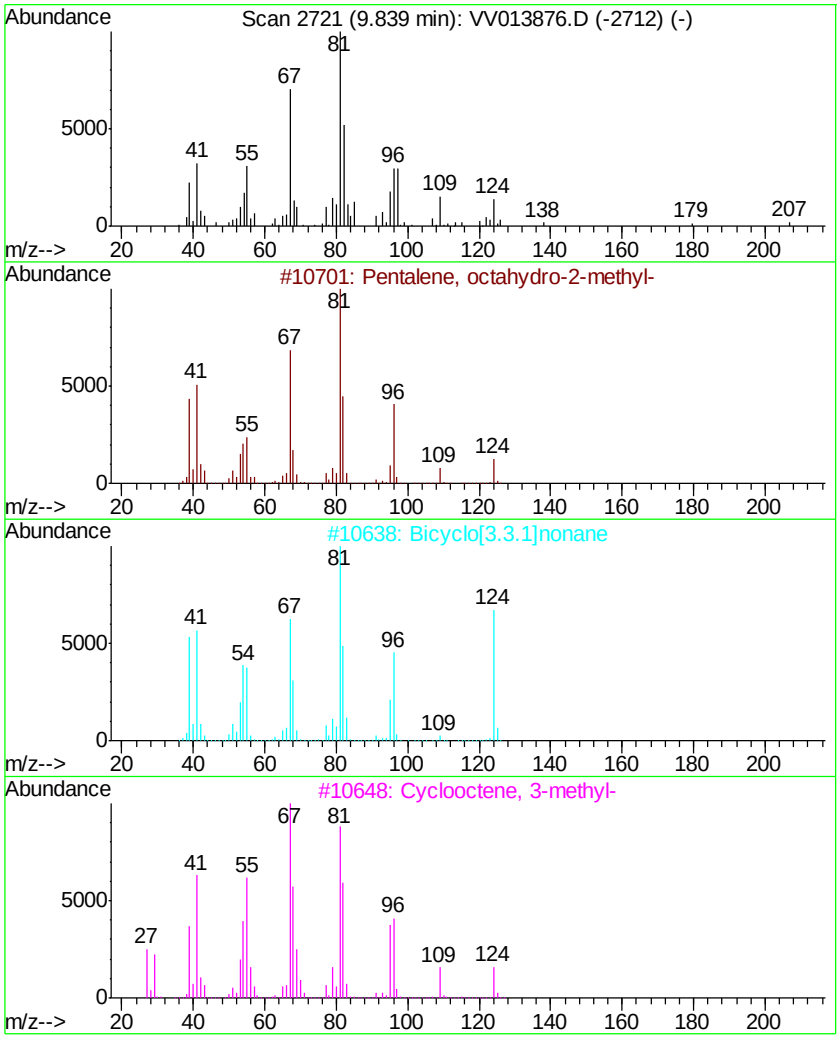
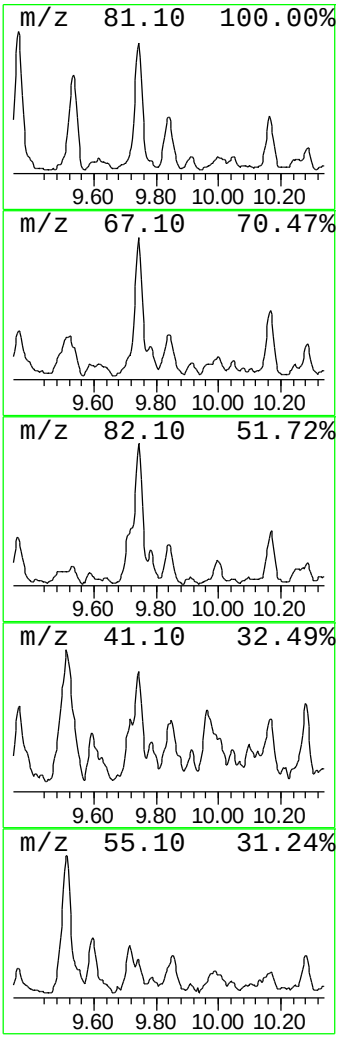
Peak Number 43 Pentalene, octahydro-2-methyl- Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	3.83 ug/L	129654	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	93
2	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	74
3	Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	64
4	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	52
5	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	52





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Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

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

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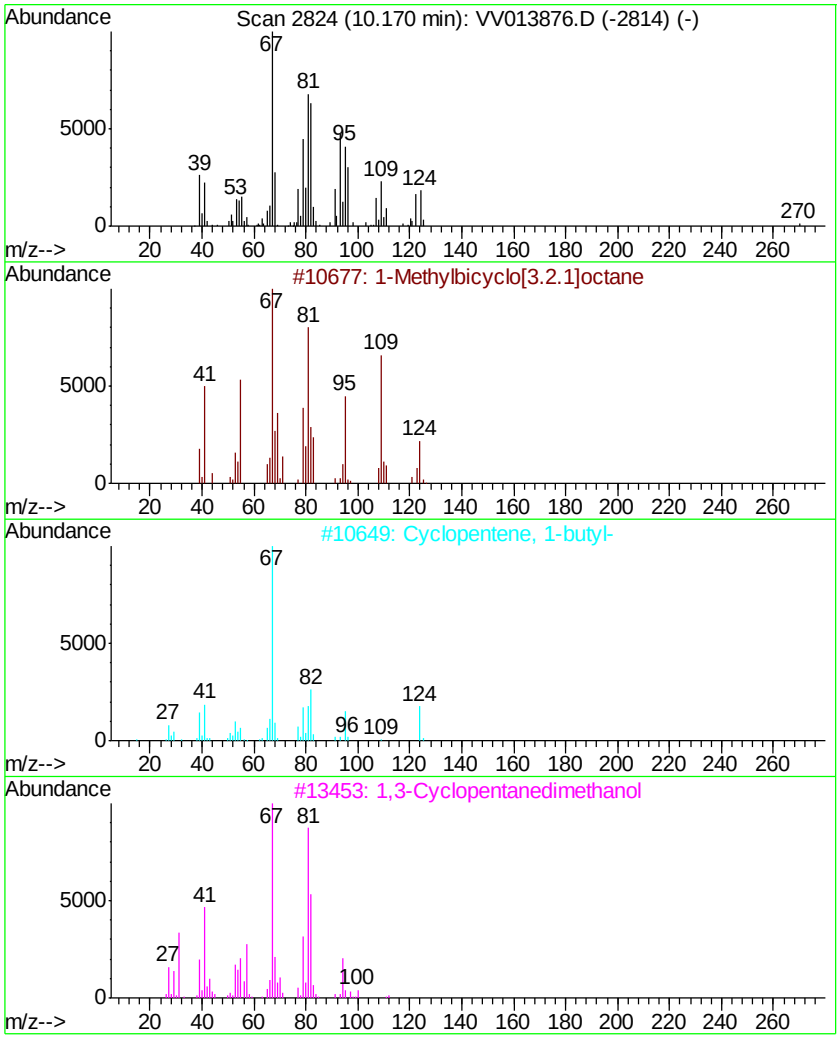
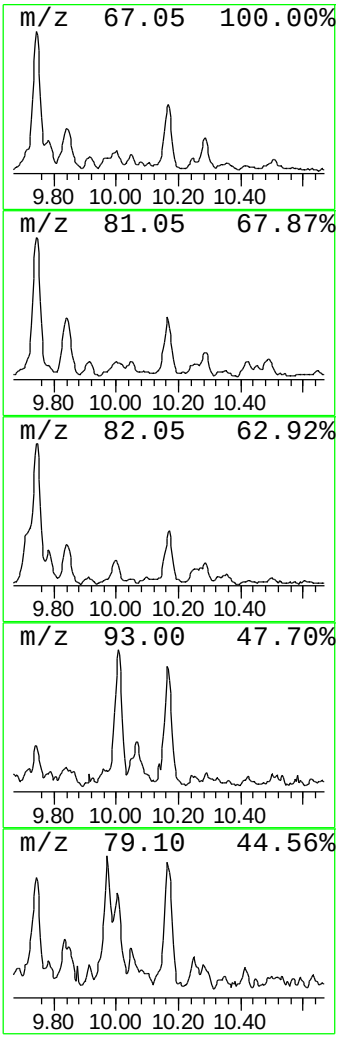
Peak Number 44 1-Methylbicyclo[3.2.1]octane Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	4.17 ug/L	155088	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	76
2	Cyclopentene, 1-butyl-	124	C9H16	002423-01-0	46
3	1,3-Cyclopentanedimethanol	130	C7H14O2	034957-72-7	43
4	1-Octadecyne	250	C18H34	000629-89-0	43
5	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	38





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Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

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Quant Title : VOC Analysis

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

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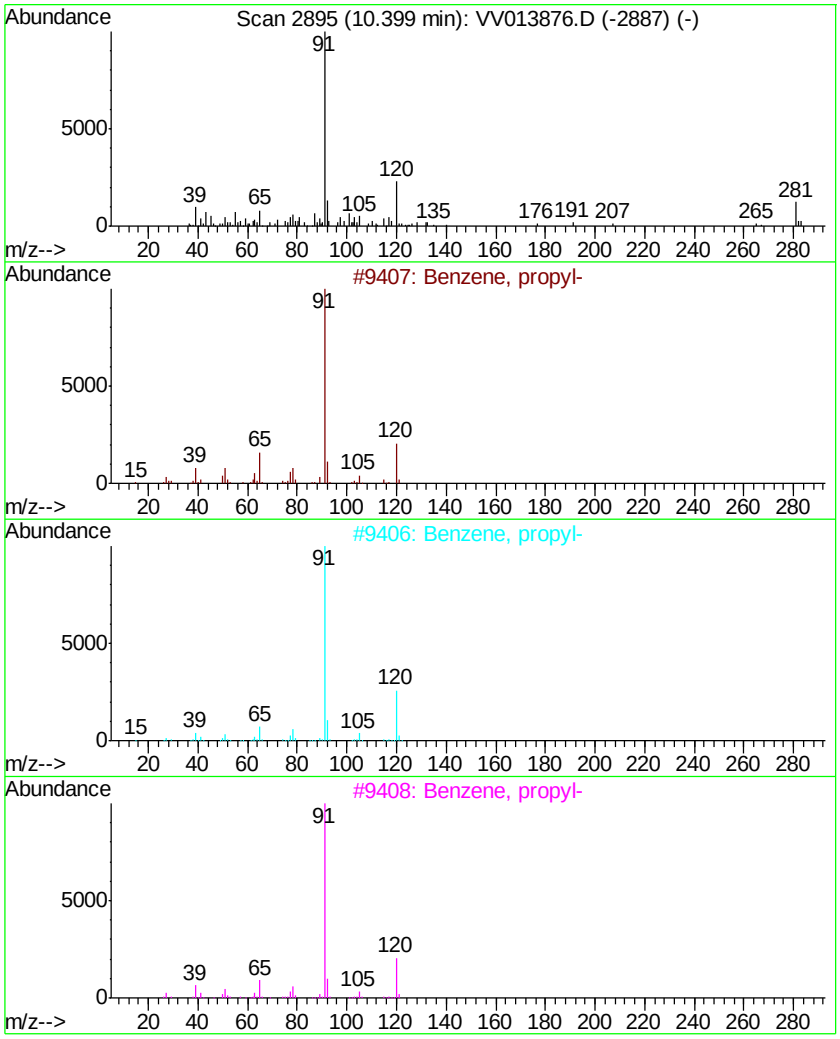
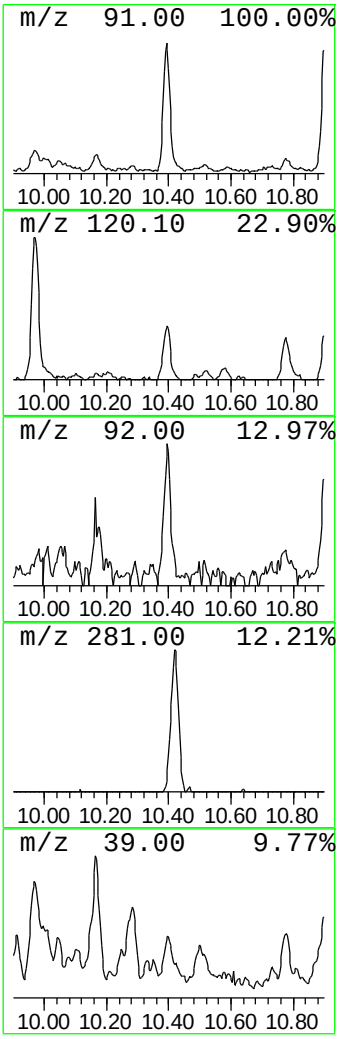
Peak Number 45 unknown-04 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	3.50 ug/L	130110	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	49
2	Benzene, propyl-	120	C9H12	000103-65-1	46
3	Benzene, propyl-	120	C9H12	000103-65-1	46
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	43
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	43





Library Search Compound Report

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Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

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

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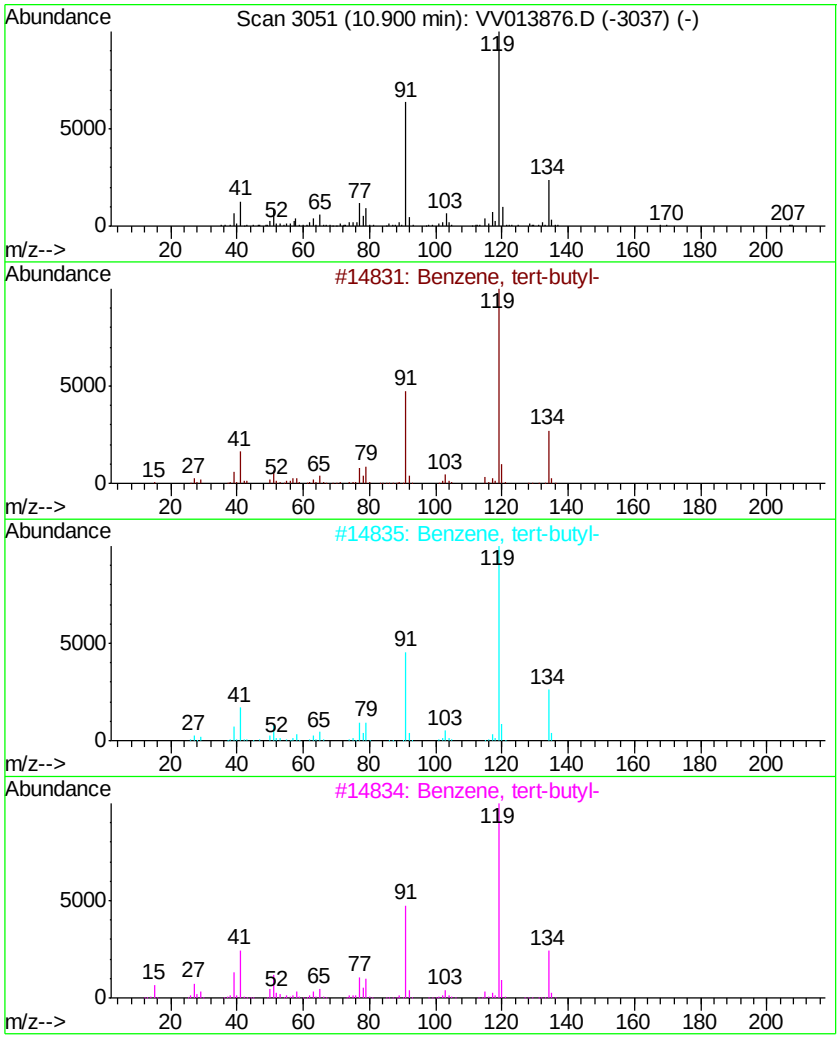
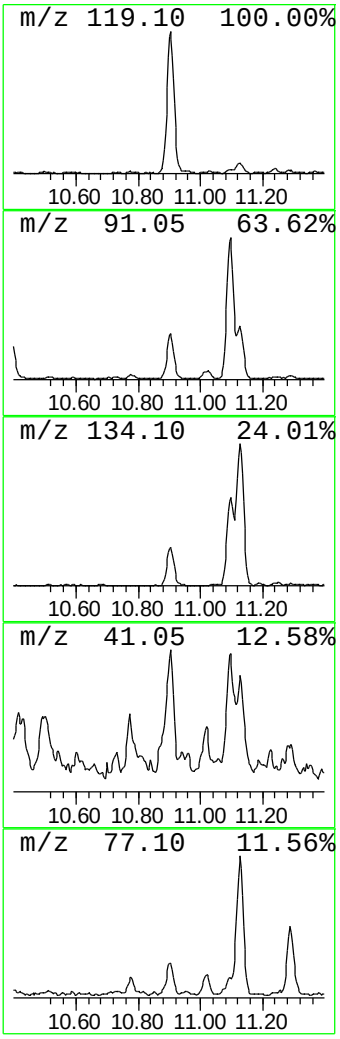
Peak Number 46 Benzene, tert-butyl- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	4.80 ug/L	178702	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, tert-butyl-	134	C10H14	000098-06-6	94
2	Benzene, tert-butyl-	134	C10H14	000098-06-6	94
3	Benzene, tert-butyl-	134	C10H14	000098-06-6	91
4	p-Cymene	134	C10H14	000099-87-6	90
5	o-Cymene	134	C10H14	000527-84-4	87





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Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

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

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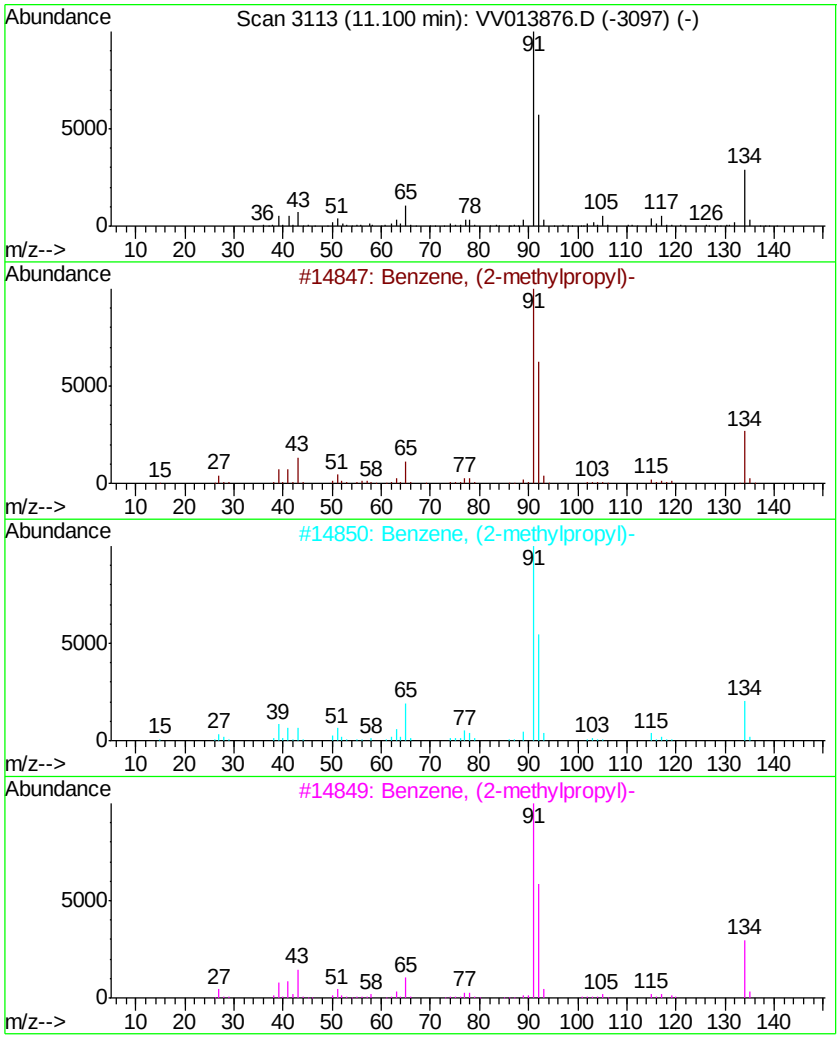
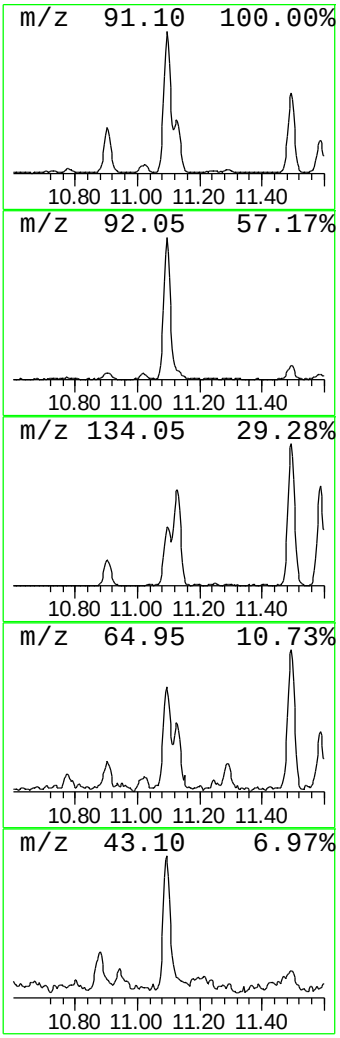
Peak Number 47 Benzene, (2-methylpropyl)- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	6.43 ug/L	239283	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	90
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	87
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	83
4	Benzene, butyl-	134	C10H14	000104-51-8	80
5	Benzene, butyl-	134	C10H14	000104-51-8	80





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Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

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

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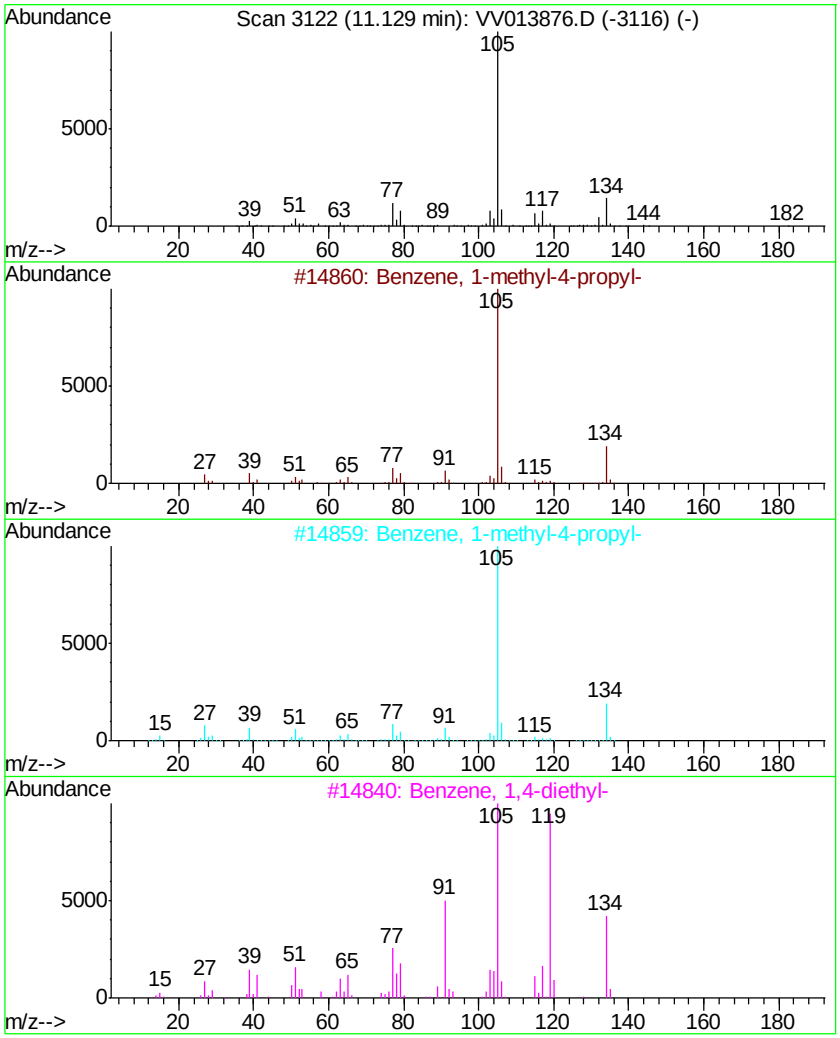
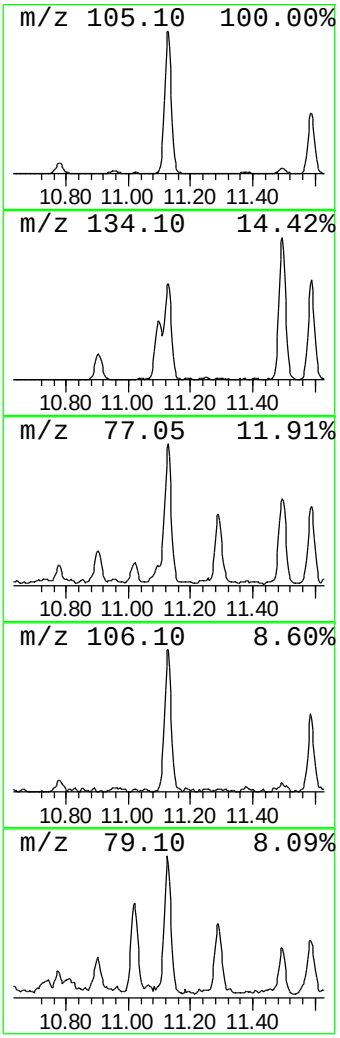
Peak Number 48 Benzene, 1-methyl-4-propyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	12.85 ug/L	477869	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	72
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	72
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	72
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	68
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

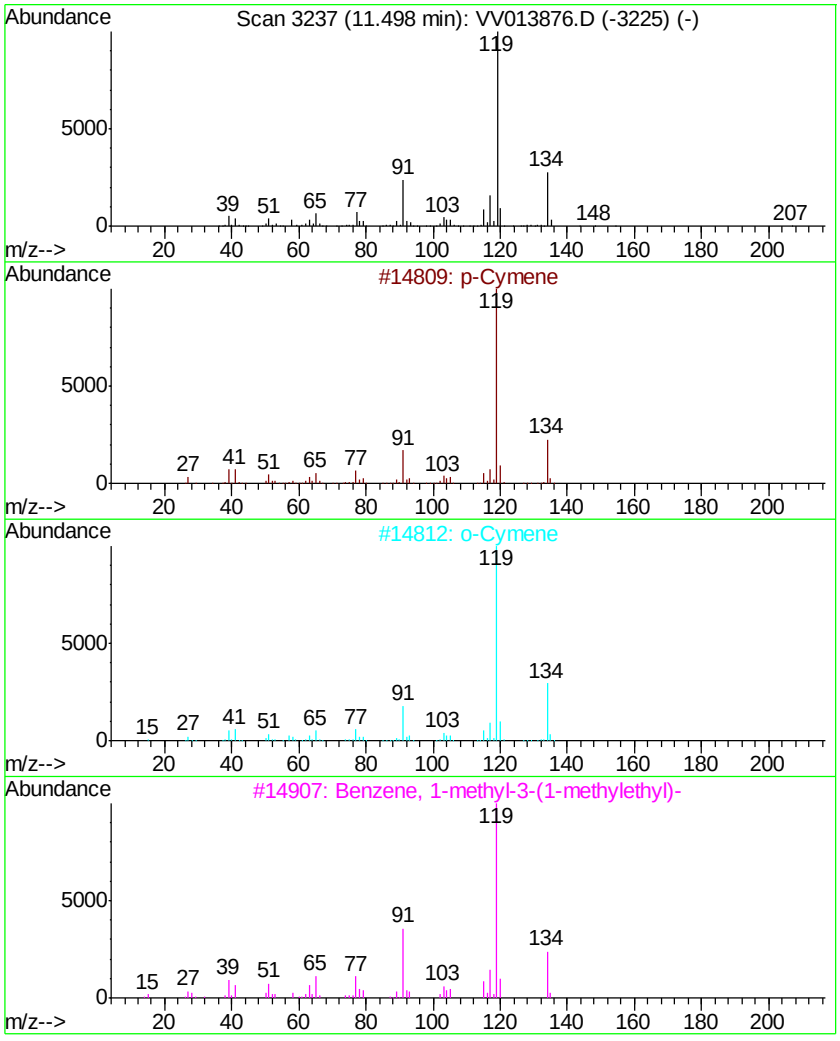
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

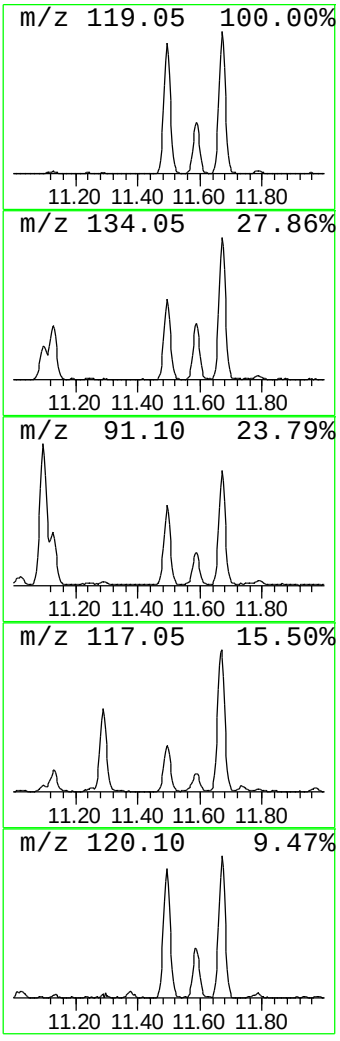
****

Peak Number 49 p-Cymene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	15.62 ug/L	580857	1,4-Dichlorobenzene-d4	11.29

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	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

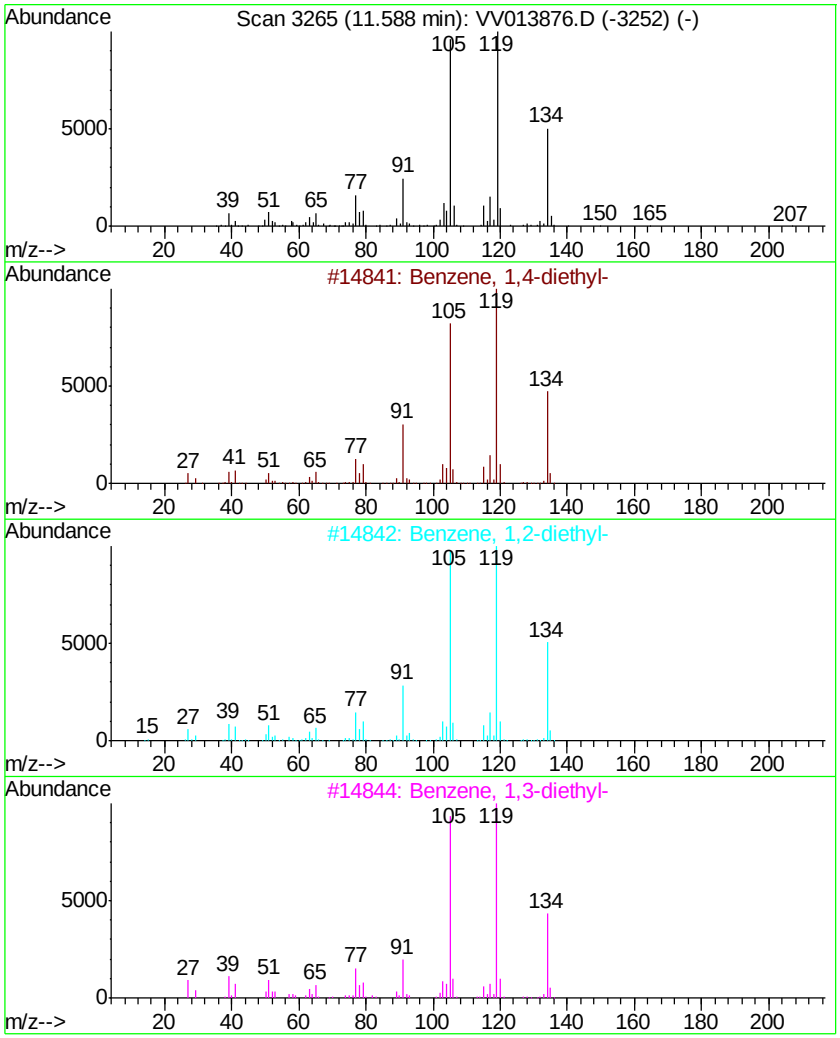
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

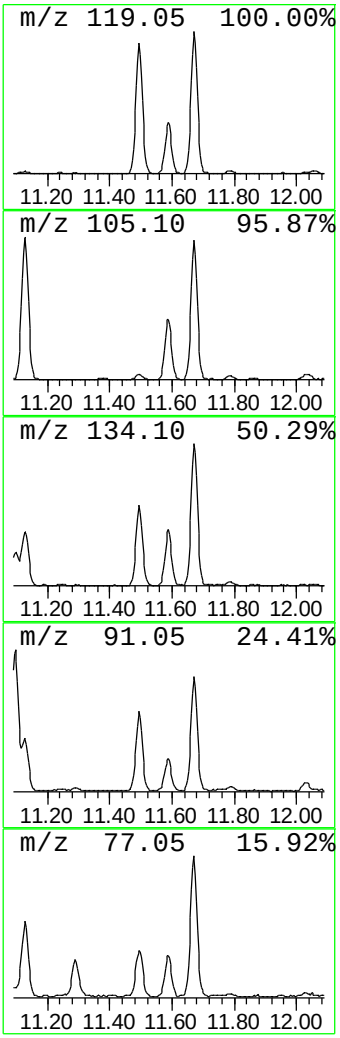
****

Peak Number 50 Benzene, 1,4-diethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	10.39 ug/L	386556	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

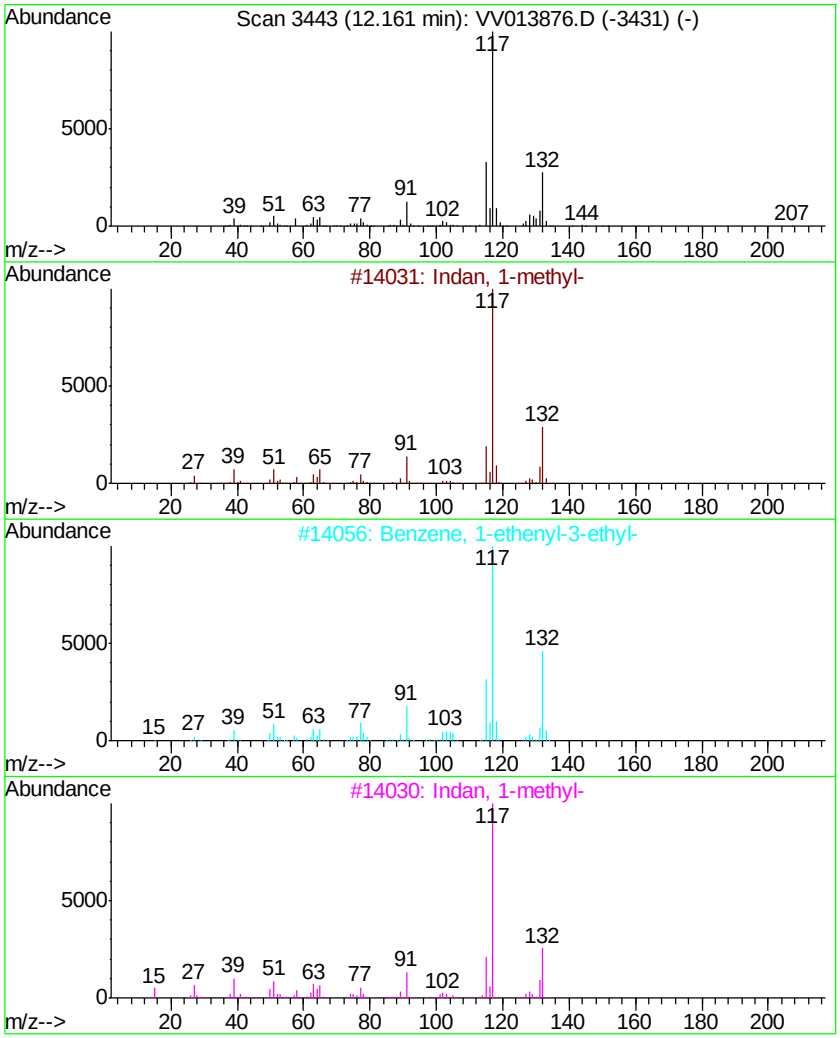
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

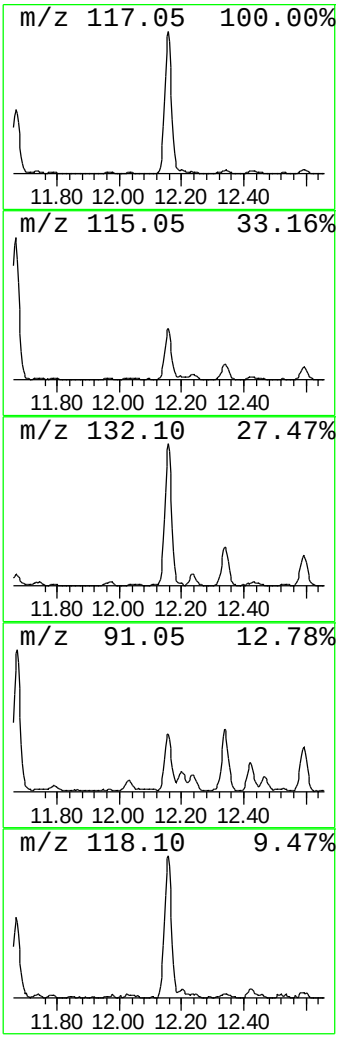
****

Peak Number 51 Indan, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	17.45 ug/L	649001	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	83
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
3	Indan, 1-methyl-	132	C10H12	000767-58-8	81
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	80
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

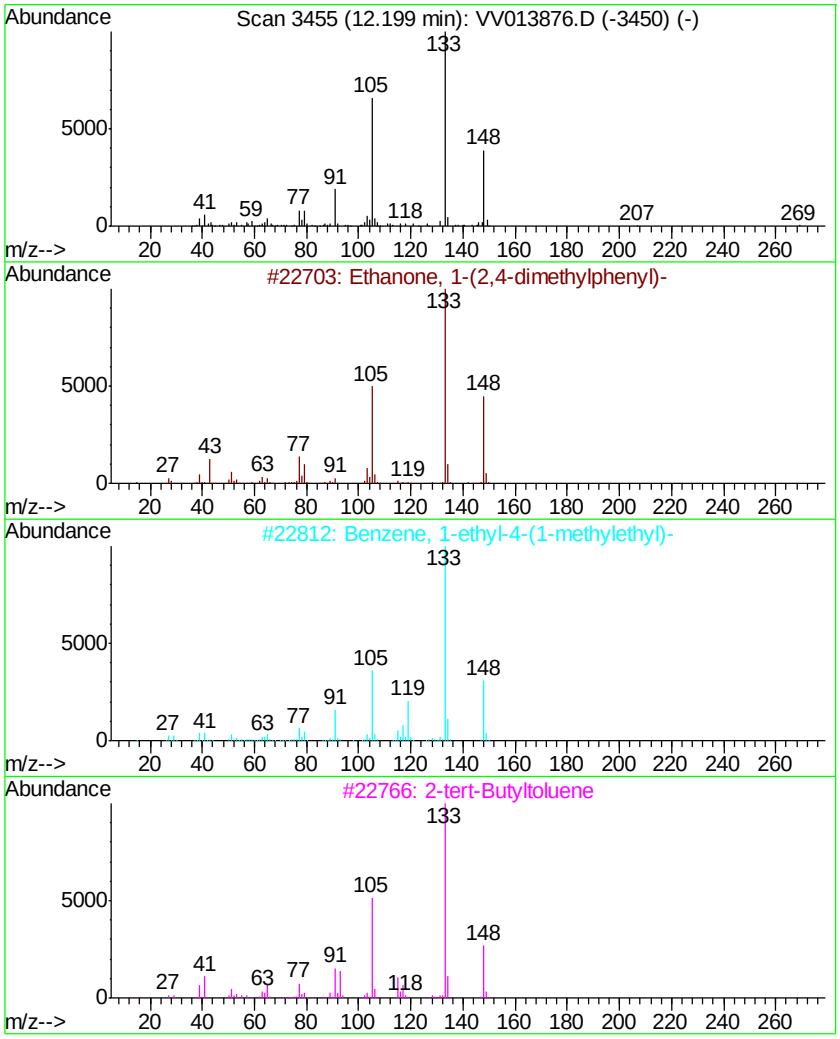
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

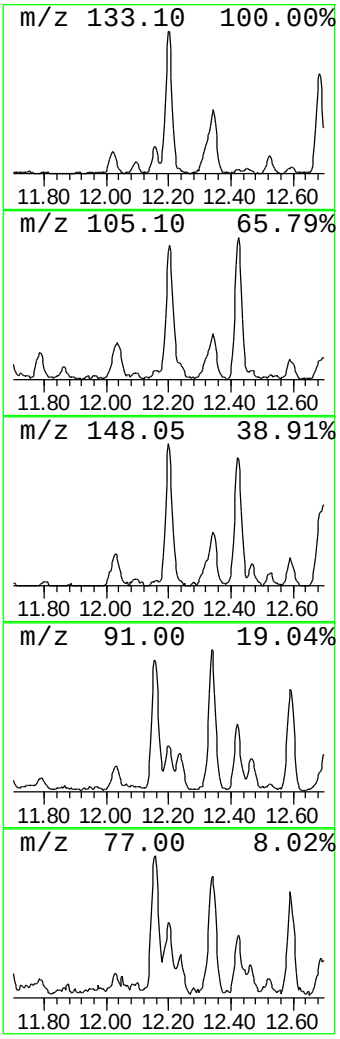
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 Ethanone, 1-(2,4-dimethylph... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	4.50 ug/L	167408	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	90
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	83
3	2-tert-Butyltoluene	148	C11H16	001074-92-6	78
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	78
5	4-tert-Butyltoluene	148	C11H16	000098-51-1	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

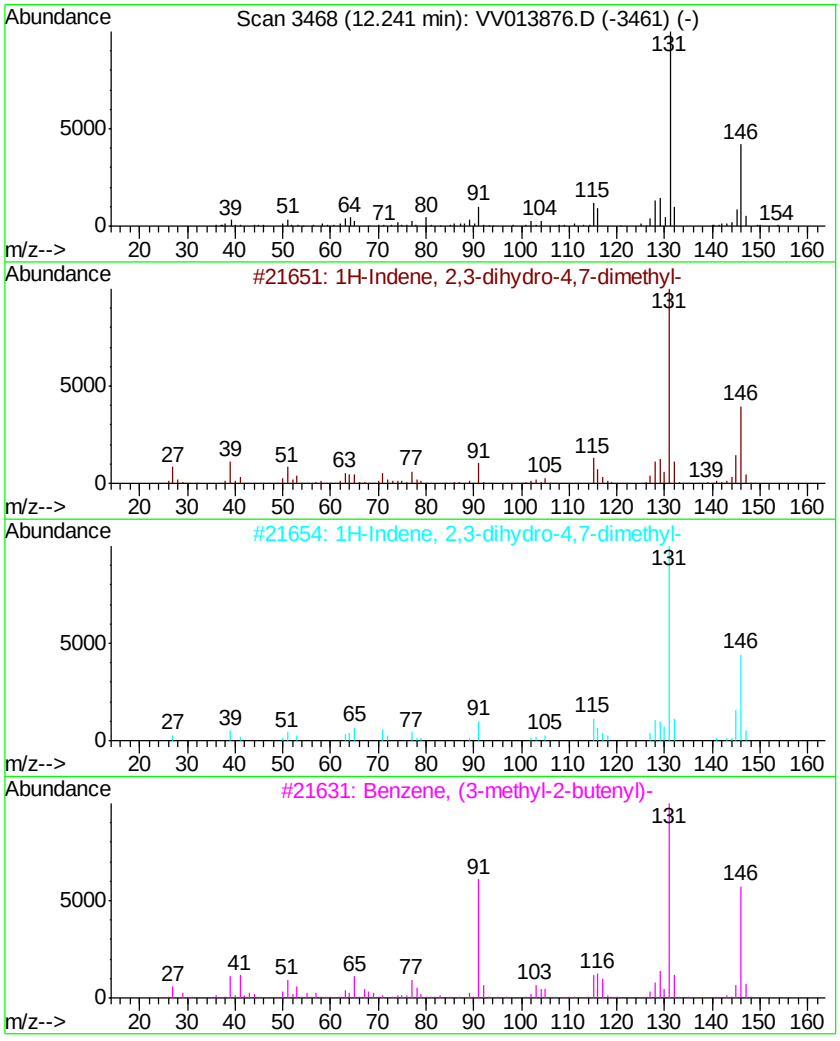
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

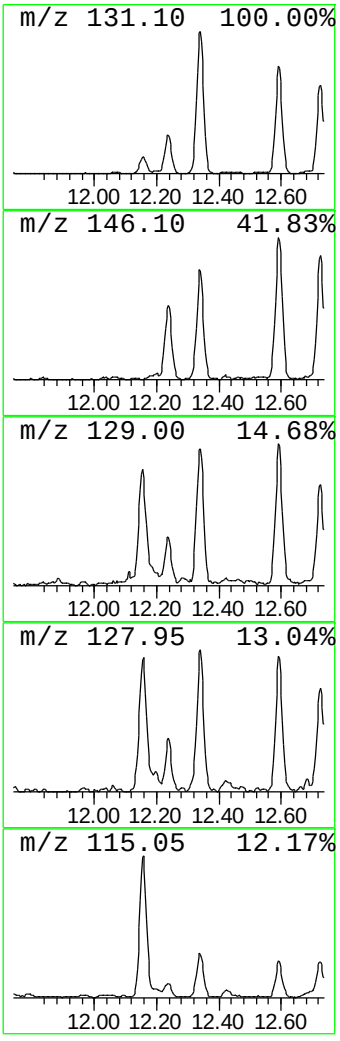
****

Peak Number 53 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	3.93 ug/L	146197	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

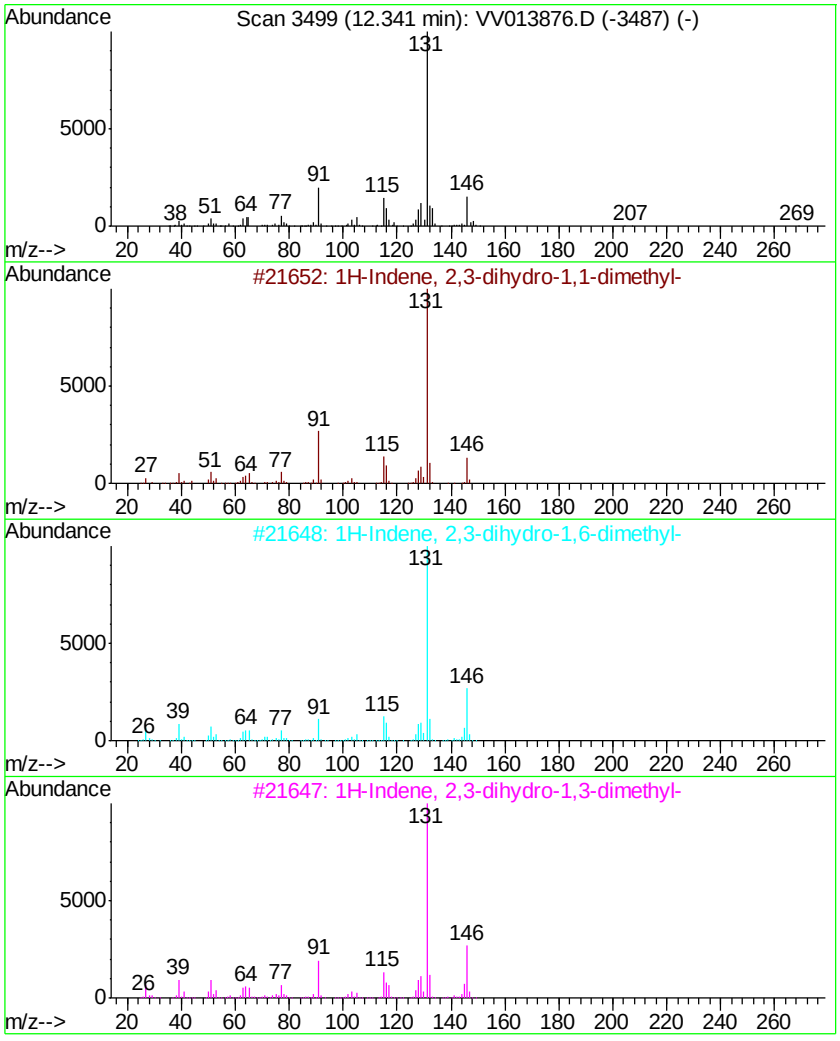
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

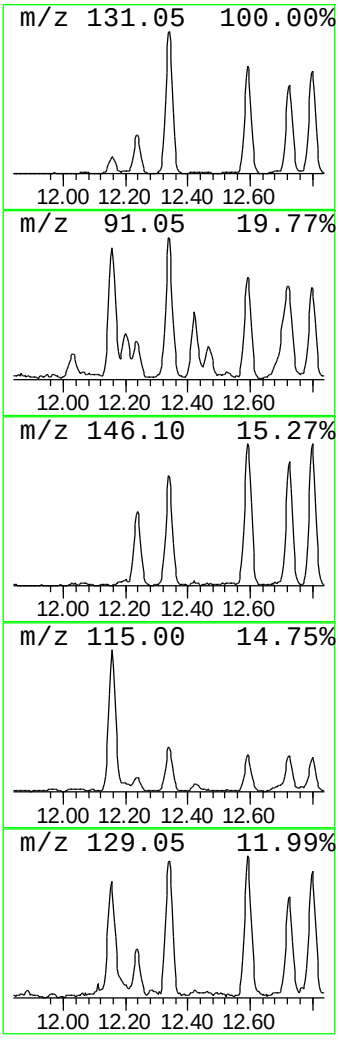
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	13.10 ug/L	487228	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	93
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

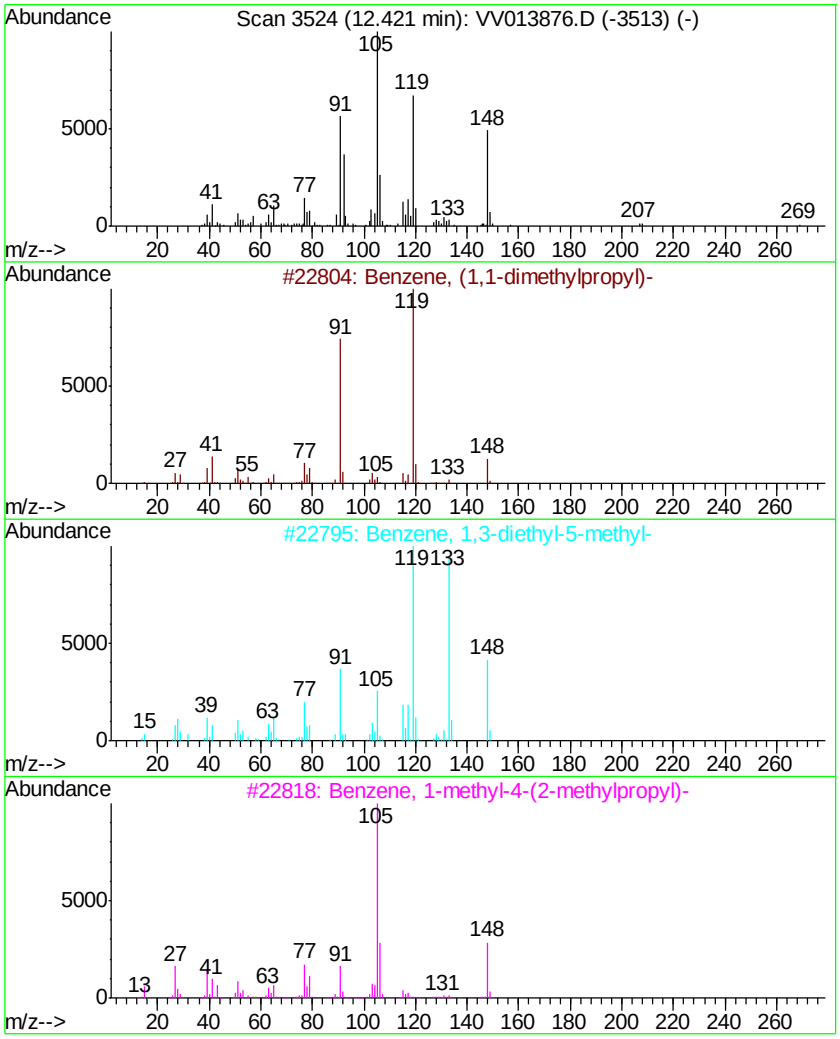
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

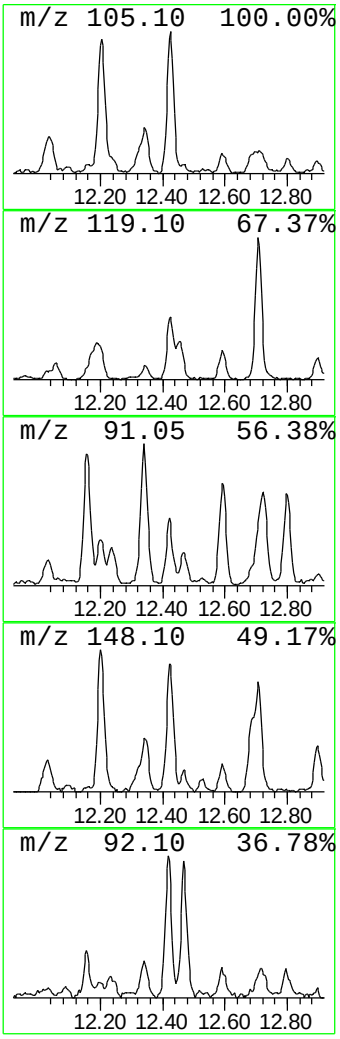
****

Peak Number 55 unknown-05 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	4.39 ug/L	163293	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	46
2	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	43
3	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	43
4	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	35
5	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	30





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

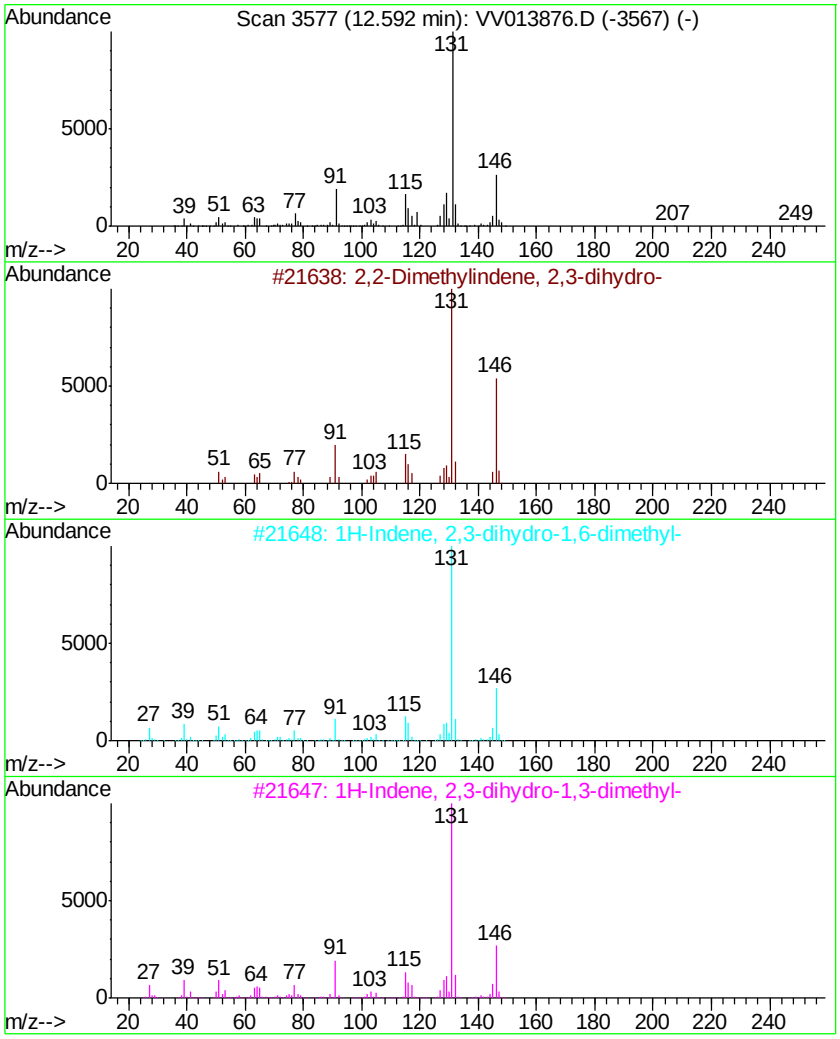
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

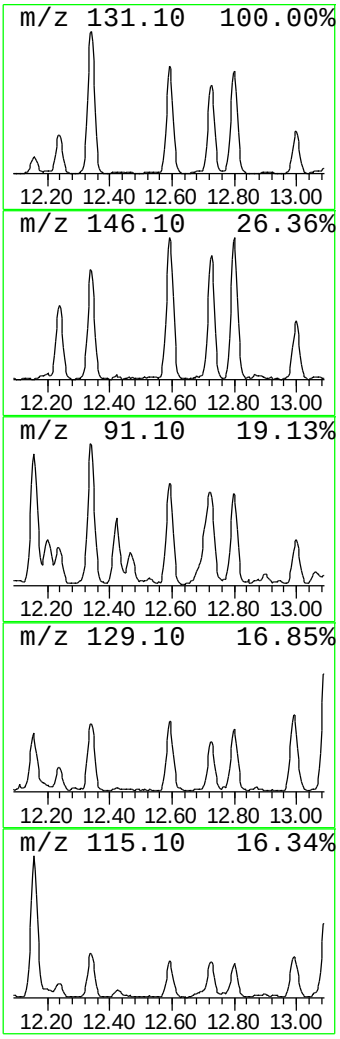
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 2,2-Dimethylindene, 2,3-dih... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	9.87 ug/L	367218	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	94
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	94
4	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	90
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

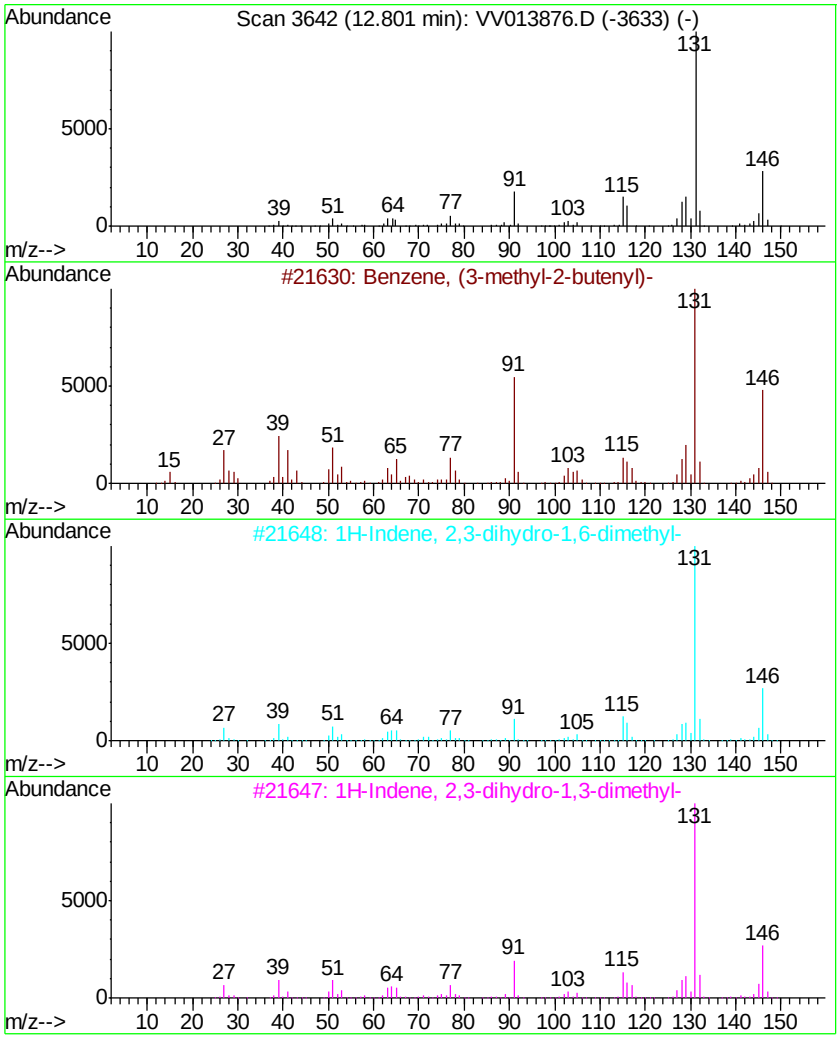
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

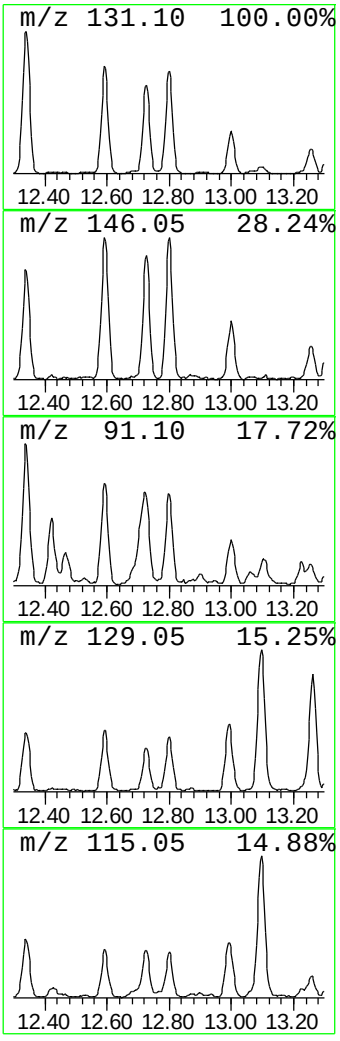
****

Peak Number 58 Benzene, (3-methyl-2-butenyl)- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	9.28 ug/L	345087	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

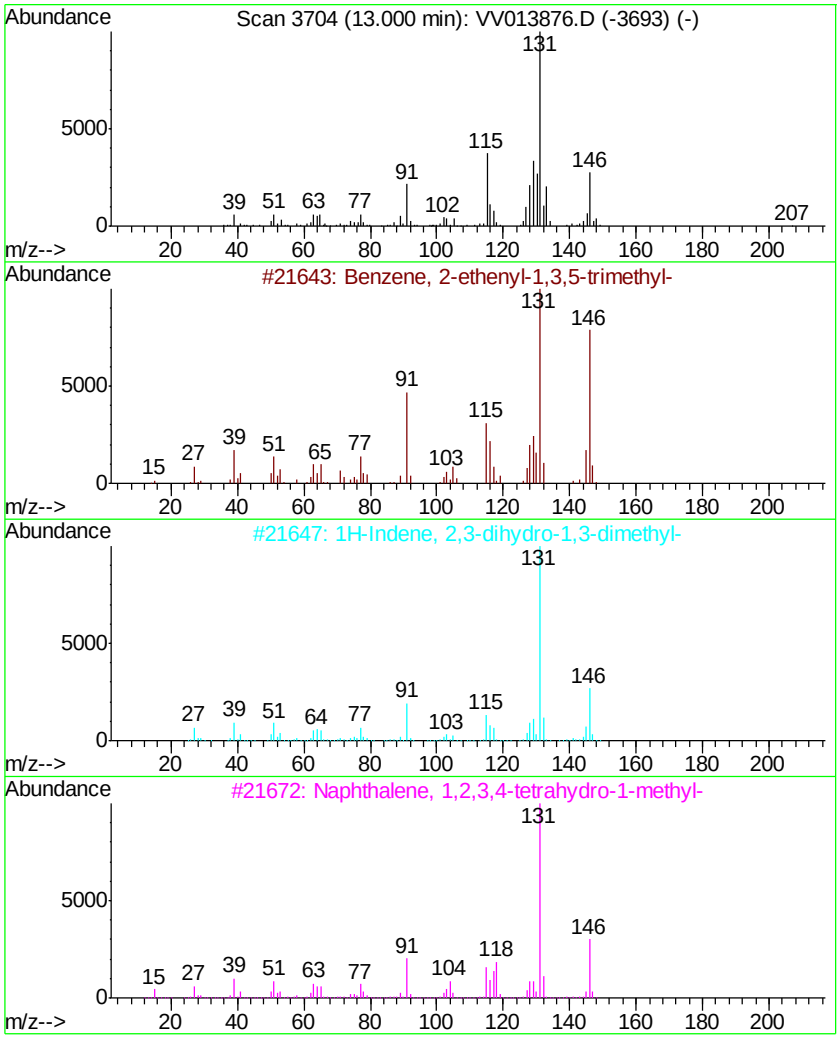
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

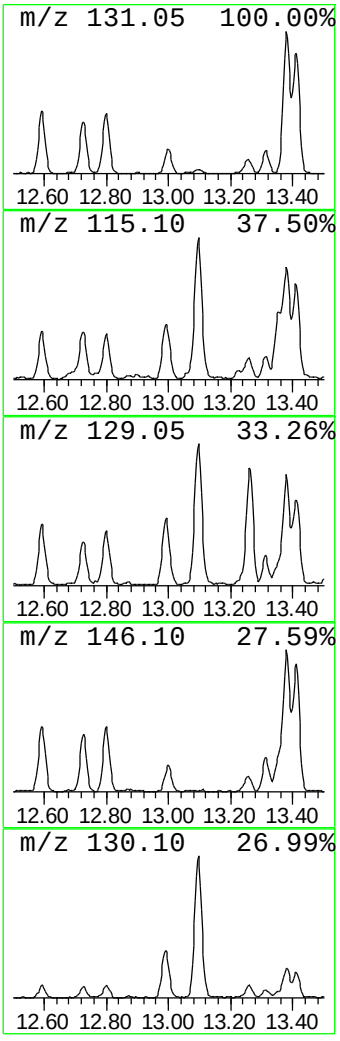
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	6.92 ug/L	257411	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	74
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	55
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	46
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	46
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

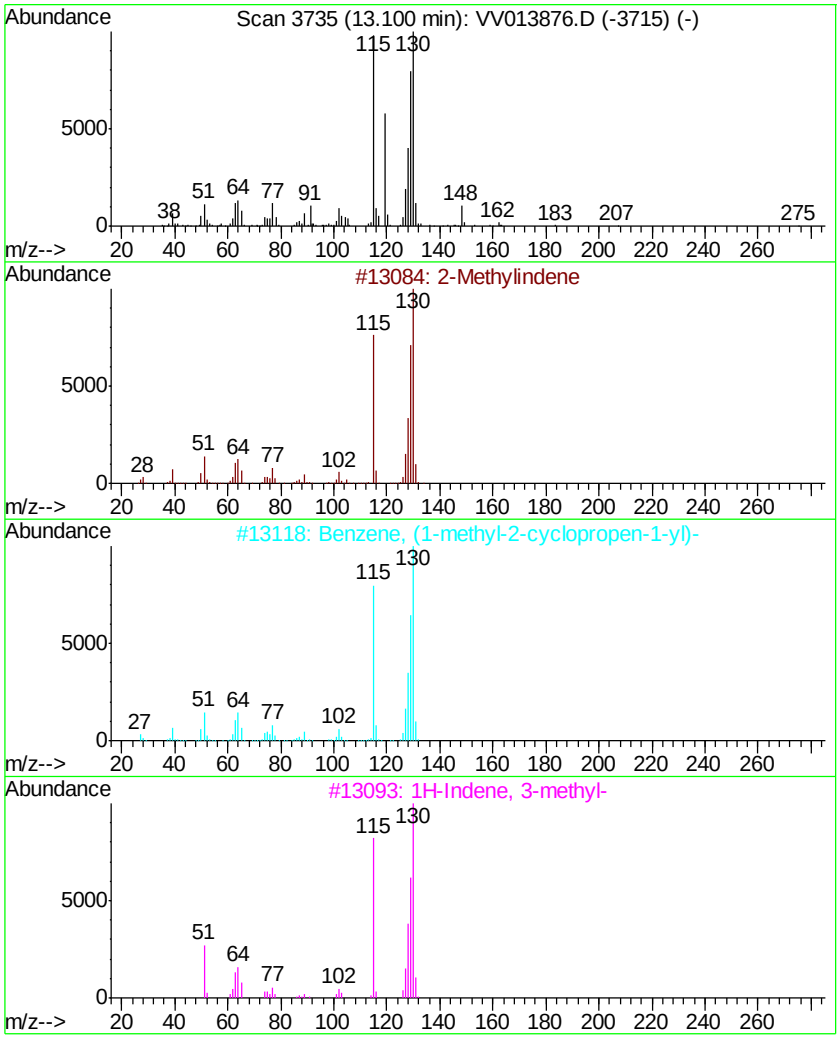
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

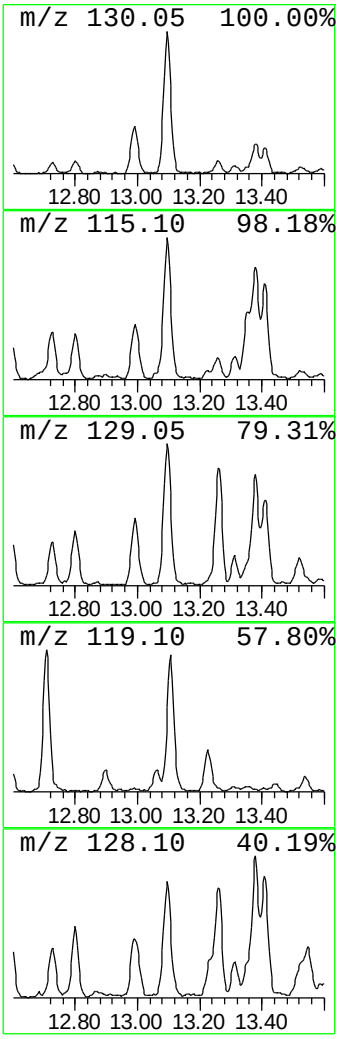
****

Peak Number 60 2-Methylindene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	12.34 ug/L	459148	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	95
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94
3	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	94
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	92





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

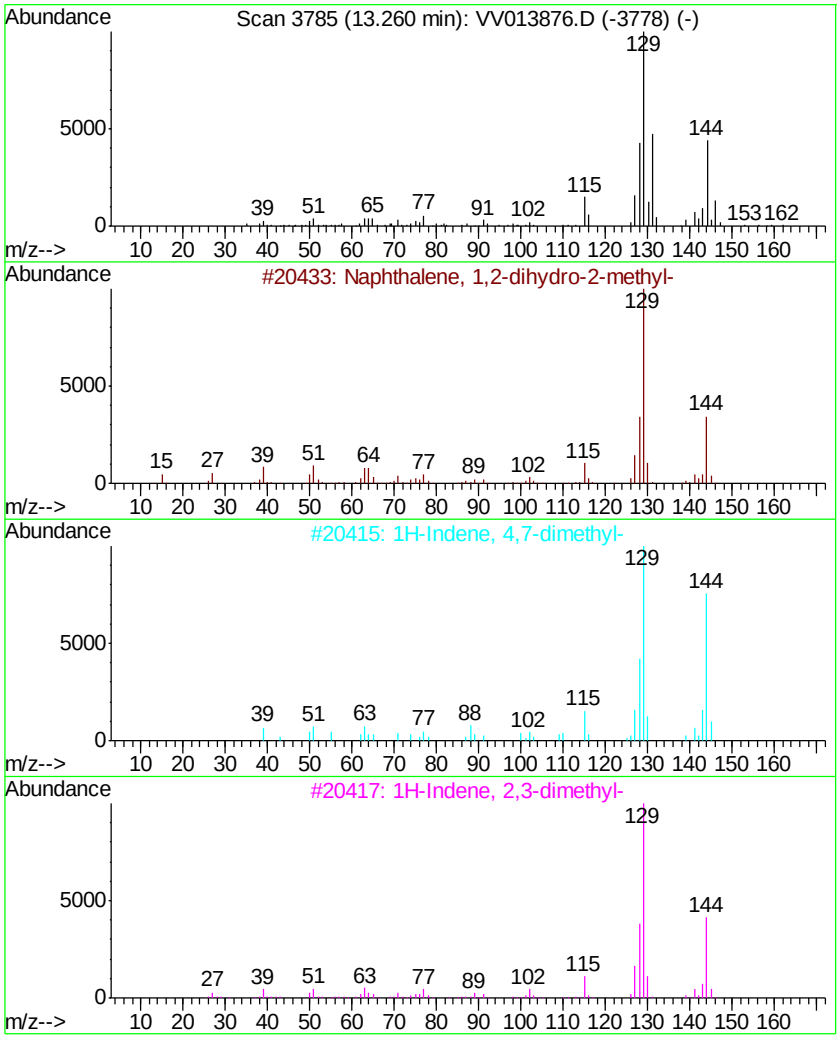
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

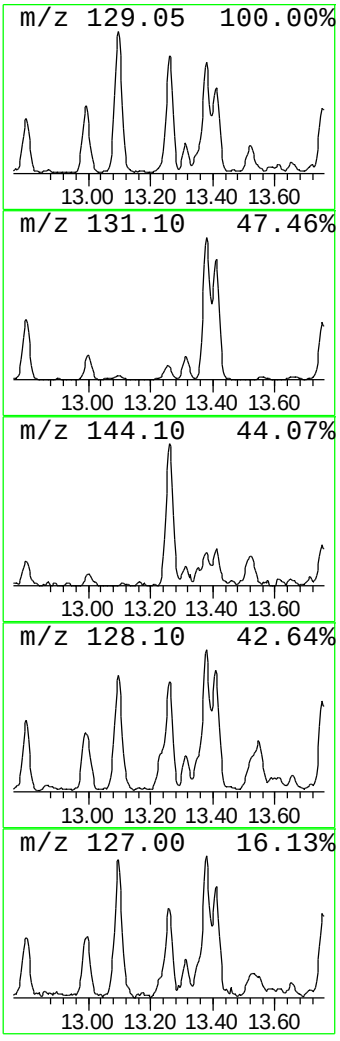
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 Naphthalene, 1,2-dihydro-2-... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	5.64 ug/L	209745	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-2-methyl-	144	C11H12	021564-79-4	90
2	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	76
3	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	76
4	Naphthalene, 1,2-dihydro-4-methyl-	144	C11H12	004373-13-1	70
5	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	68





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

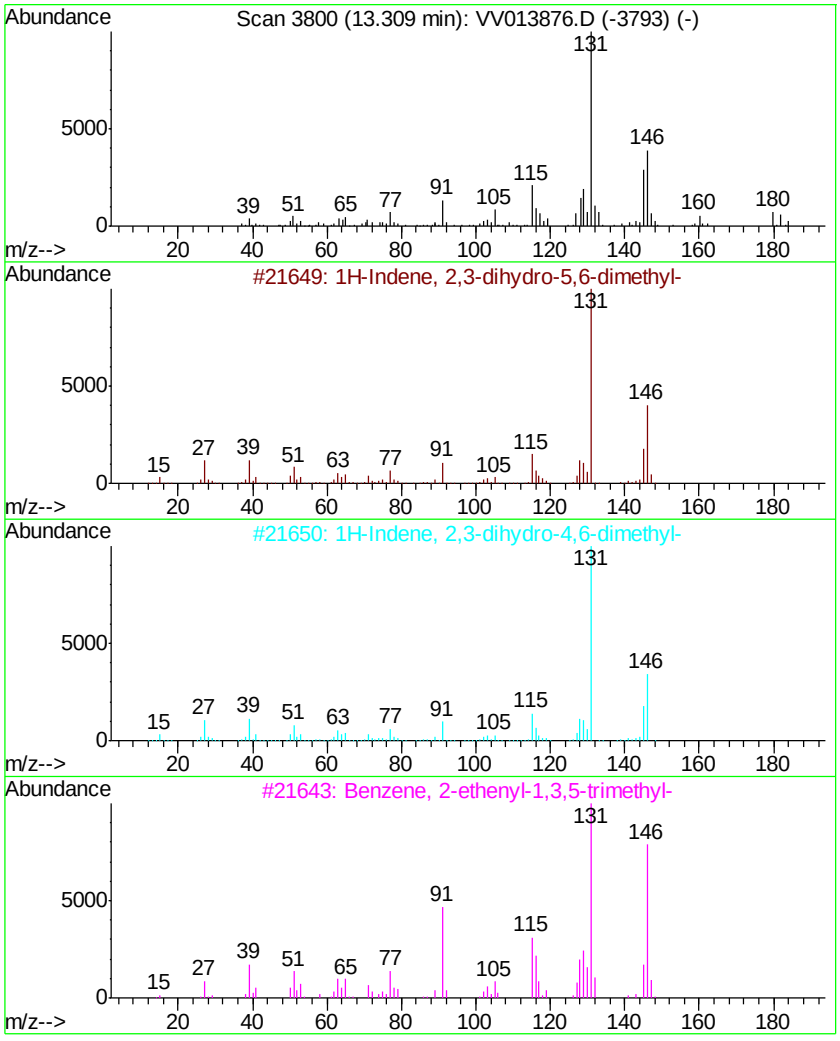
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

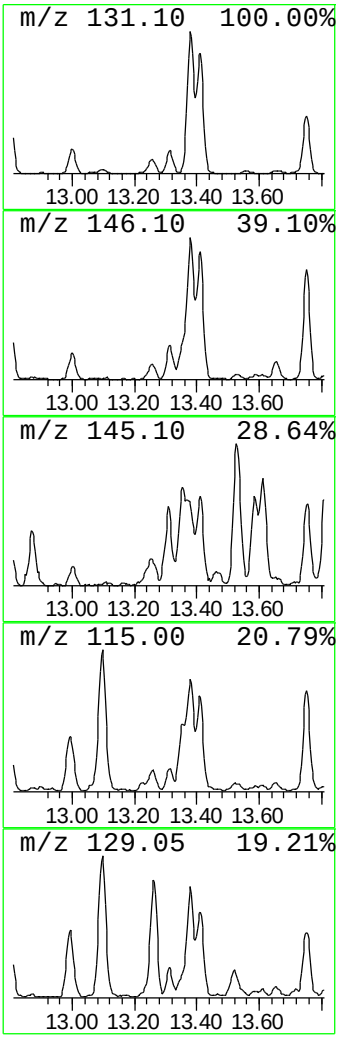
****

Peak Number 62 1H-Indene, 2,3-dihydro-5,6-... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	4.87 ug/L	181272	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	95
2	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	90
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	87
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

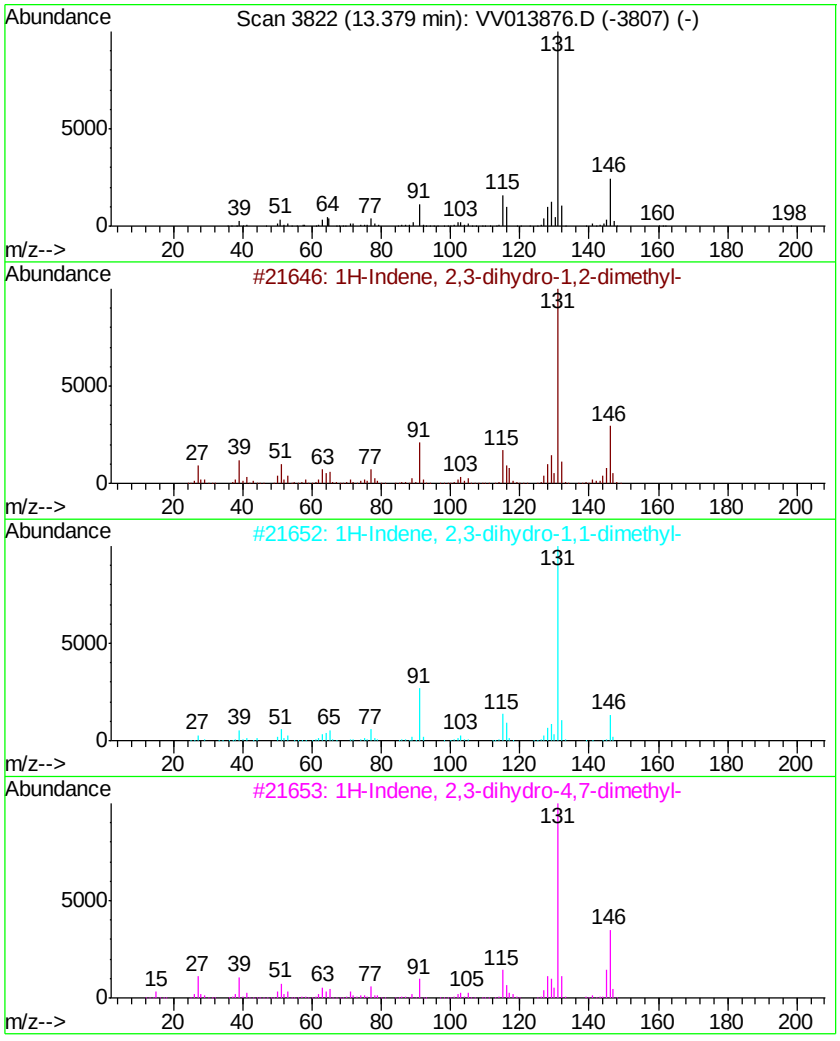
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

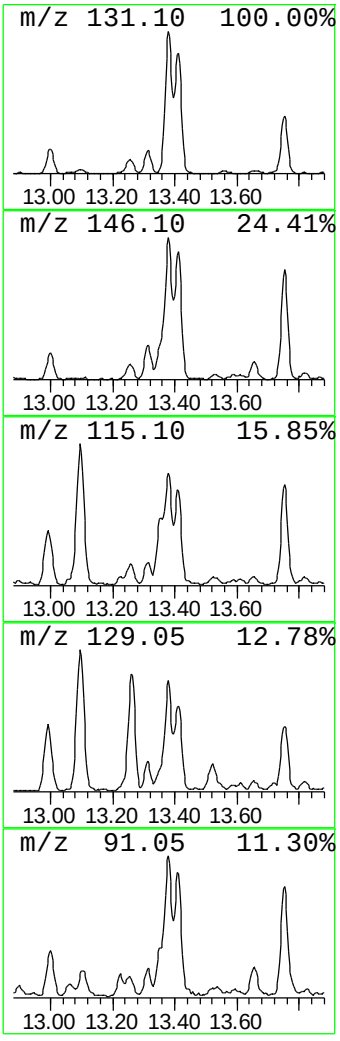
****

Peak Number 63 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	26.96 ug/L	1002950	1,4-Dichlorobenzene-d4	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013876.D
Acq On : 02 Dec 2019 17:12
Operator : SY/MD
Sample : K6028-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.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	1.23	14.1	ug/L	452772	1	5.66	1605770	50.0
(DEL) Alkane: Str...	1.64	473.1	ug/L	15195000	1	5.66	1605770	50.0
(DEL) Alkane: Str...	1.82	2.8	ug/L	89608	1	5.66	1605770	50.0
(DEL) Alkane: Cyc...	1.97	6.8	ug/L	216796	1	5.66	1605770	50.0
(DEL) Alkane: Str...	2.52	478.4	ug/L	15363800	1	5.66	1605770	50.0
(DEL) Alkane: Cyc...	2.60	20.2	ug/L	649370	1	5.66	1605770	50.0
(DEL) Alkane: Str...	2.79	89.7	ug/L	2879930	1	5.66	1605770	50.0
(DEL) Alkane: Cyc...	3.31	3.1	ug/L	99502	1	5.66	1605770	50.0
(DEL) Alkane: Cyc...	3.40	5.6	ug/L	180569	1	5.66	1605770	50.0
(DEL) Alkane: Str...	3.58	13.9	ug/L	447227	1	5.66	1605770	50.0
(DEL) Alkane: Str...	3.71	32.0	ug/L	1028980	1	5.66	1605770	50.0
(DEL) Alkane: Cyc...	3.80	30.3	ug/L	972758	1	5.66	1605770	50.0
(DEL) Alkane: Cyc...	4.20	3.1	ug/L	100331	1	5.66	1605770	50.0
(DEL) Alkane: Str...	4.81	124.8	ug/L	4006400	1	5.66	1605770	50.0
(DEL) Alkane: Cyc...	4.99	26.9	ug/L	864049	1	5.66	1605770	50.0
(DEL) Alkane: Str...	5.22	44.3	ug/L	1423860	1	5.66	1605770	50.0
(DEL) Alkane: Cyc...	5.29	26.7	ug/L	856318	1	5.66	1605770	50.0
(DEL) Alkane: Cyc...	5.36	13.3	ug/L	427764	1	5.66	1605770	50.0
(DEL) Alkane: Cyc...	5.81	2.6	ug/L	85010	1	5.66	1605770	50.0
(DEL) Alkane: Str...	6.24	5.7	ug/L	181591	1	5.66	1605770	50.0
(DEL) Alkane: Str...	6.30	6.4	ug/L	205872	1	5.66	1605770	50.0
(DEL) Alkane: Cyc...	6.50	33.6	ug/L	1078320	1	5.66	1605770	50.0
(DEL) Alkane: Cyc...	6.67	10.1	ug/L	322859	1	5.66	1605770	50.0
Cyclopentene, 1,2...	6.82	10.0	ug/L	322066	1	5.66	1605770	50.0
(DEL) Alkane: Cyc...	7.22	7.4	ug/L	238374	1	5.66	1605770	50.0
(DEL) Alkane: Cyc...	7.49	43.5	ug/L	1473250	2	8.89	1693820	50.0
(DEL) Alkane: Cyc...	7.83	27.9	ug/L	944625	2	8.89	1693820	50.0
1,3-Dimethyl-1-cy...	8.18	9.0	ug/L	306169	2	8.89	1693820	50.0
(DEL) Alkane: Cyc...	8.27	14.6	ug/L	495722	2	8.89	1693820	50.0
(DEL) Alkane: Cyc...	8.39	10.9	ug/L	368709	2	8.89	1693820	50.0
Cyclohexene, 1,6-...	8.55	13.3	ug/L	451961	2	8.89	1693820	50.0
(DEL) Alkane: Cyc...	8.63	6.5	ug/L	221937	2	8.89	1693820	50.0
unknown-01	8.76	6.2	ug/L	208842	2	8.89	1693820	50.0
Pentalene, octahy...	8.97	13.9	ug/L	471759	2	8.89	1693820	50.0
Bicyclo[3.2.1]octane	9.15	20.2	ug/L	683668	2	8.89	1693820	50.0
unknown-02	9.24	3.6	ug/L	121660	2	8.89	1693820	50.0
unknown-03	9.36	6.2	ug/L	209731	2	8.89	1693820	50.0
(DEL) Alkane: Cyc...	9.51	12.0	ug/L	407376	2	8.89	1693820	50.0
(DEL) Alkane: Cyc...	9.59	4.5	ug/L	153435	2	8.89	1693820	50.0
Cyclooctene, 3-me...	9.74	6.7	ug/L	226663	2	8.89	1693820	50.0
Pentalene, octahy...	9.84	3.8	ug/L	129654	2	8.89	1693820	50.0
1-Methylbicyclo[3...	10.17	4.2	ug/L	155088	3	11.29	1859830	50.0
unknown-04	10.40	3.5	ug/L	130110	3	11.29	1859830	50.0
Benzene, tert-butyl-	10.90	4.8	ug/L	178702	3	11.29	1859830	50.0
Benzene, (2-methy...	11.10	6.4	ug/L	239283	3	11.29	1859830	50.0
Benzene, 1-methyl...	11.13	12.9	ug/L	477869	3	11.29	1859830	50.0
p-Cymene	11.50	15.6	ug/L	580857	3	11.29	1859830	50.0
Benzene, 1,4-diet...	11.59	10.4	ug/L	386556	3	11.29	1859830	50.0
Indan, 1-methyl-	12.16	17.4	ug/L	649001	3	11.29	1859830	50.0

Ethanone, 1-(2,4-...	12.20	4.5	ug/L	167408	3	11.29	1859830	50.0
1H-Indene, 2,3-di...	12.24	3.9	ug/L	146197	3	11.29	1859830	50.0
1H-Indene, 2,3-di...	12.34	13.1	ug/L	487228	3	11.29	1859830	50.0
unknown-05	12.42	4.4	ug/L	163293	3	11.29	1859830	50.0
2,2-Dimethylinden...	12.59	9.9	ug/L	367218	3	11.29	1859830	50.0
Benzene, (3-methy...	12.80	9.3	ug/L	345087	3	11.29	1859830	50.0
Benzene, 2-etheny...	13.00	6.9	ug/L	257411	3	11.29	1859830	50.0
2-Methylindene	13.10	12.3	ug/L	459148	3	11.29	1859830	50.0
Naphthalene, 1,2-...	13.26	5.6	ug/L	209745	3	11.29	1859830	50.0
1H-Indene, 2,3-di...	13.31	4.9	ug/L	181272	3	11.29	1859830	50.0
1H-Indene, 2,3-di...	13.38	27.0	ug/L	1002950	3	11.29	1859830	50.0

Instrument :
MSVOA_V
ClientSampleId :
H0AA7