LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

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\SOMVLM060320WMA.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	1.113	3	7	21	rVB	286960	263757	0.07%	0.042%
2	1.222	34	41	58	rVB	473159	444271	0.12%	0.070%
3	1.312	59	69	78	rVV3	2910548	3571665	0.97%	0.566%
4	1.361	78	84	95	rVV	2074054	2008709	0.54%	0.318%
5	1.422	95	103	112	rVV	2160510	1988695	0.54%	0.315%
6	1.553	134	144	159	rBV2	300001	484314	0.13%	0.077%
7	1.631	159	168	189	rVB	1345523	1755143	0.47%	0.278%
8	1.769	202	211	217	rBV	388043	488110	0.13%	0.077%
9	1.811	217	224	243	rVV	1114370	1505067	0.41%	0.238%
10	1.907	244	254	269	rVV	1697419	2213887	0.60%	0.351%
11	1.988	269	279	286	rVV	1057405	1457713	0.39%	0.231%
12	2.033	286	293	309	rVV	789111	1129325	0.31%	0.179%
13	2.116	309	319	332	rVV	298804	454703	0.12%	0.072%
14	2.447	409	422	424	rBV2	173983	247739	0.07%	0.039%
15	2.489	425	435	447	rVB	2554556	4277076	1.16%	0.678%
16	2.589	455	466	503	rVB	3151295	6321317	1.71%	1.001%
17	2.775	504	524	538	rVB2	121824	317842	0.09%	0.050%
18	3.058	600	612	628	rVB2	85141	169950	0.05%	0.027%
19	3.174	633	648	657	rBV2	69699	147721	0.04%	0.023%
20	3.238	657	668	677	rVV	151387	329950	0.09%	0.052%
21	3.290	678	684	700	rVB2	90386	180961	0.05%	0.029%
22	3.383	701	713	721	rBV3	45314	98472	0.03%	0.016%
23	3.454	721	735	749	rVV2	626012	1613060	0.44%	0.256%
24	3.524	749	757	773	rVV	262470	611146	0.17%	0.097%
25	3.788	820	839	860	rVV	1418745	3667610	0.99%	0.581%
26	3.897	863	873	901	rVB	106700	297882	0.08%	0.047%
27	4.377	999	1022	1040	rBV	234580	631892	0.17%	0.100%
28	4.483	1042	1055	1076	rVB	70366	186726	0.05%	0.030%
29	4.704	1095	1124	1153	rBV	2508420	6529525	1.76%	1.034%
30	5.193	1220	1276	1290	rVV6	87336664	369984134	100.00%	58.613%
31	5.267	1291	1299	1315	rVV	2194056	4286612	1.16%	0.679%
32	5.393	1317	1338	1359	rVB	2127570	4507853	1.22%	0.714%
33	5.643	1404	1416	1452	rVB	491912	1044349	0.28%	0.165%
34	5.968	1501	1517	1537	rBV2	136808	281839	0.08%	0.045%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

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\SOMVLM060320WMA.M
Title : VOC Analysis

35	6.097	1537	1557	1566	rBV	319581	655863	0.18%	0.104%
36	6.155	1566	1575	1600	rVV2	404427	907272	0.25%	0.144%
37	6.389	1634	1648	1669	rBV5	40395	91954	0.02%	0.015%
38	6.573	1691	1705	1708	rBV2	210924	363973	0.10%	0.058%
39	6.827	1767	1784	1795	rBV	248817	454119	0.12%	0.072%
40	7.010	1828	1841	1856	rBV2	295524	553112	0.15%	0.088%
41	7.161	1878	1888	1892	rBV	160262	269428	0.07%	0.043%
42	7.341	1932	1944	1953	rBV	676916	1196467	0.32%	0.190%
43	7.418	1953	1968	1983	rVV2	25612782	47057077	12.72%	7.455%
44	7.544	1985	2007	2021	rVB	1748593	3138562	0.85%	0.497%
45	7.643	2030	2038	2048	rVB	116992	171758	0.05%	0.027%
46	7.717	2050	2061	2073	rBV	979614	1567988	0.42%	0.248%
47	7.875	2099	2110	2129	rVB4	78448	173307	0.05%	0.027%
48	8.106	2172	2182	2195	rBV	419044	689159	0.19%	0.109%
49	8.238	2212	2223	2235	rBV	555786	939606	0.25%	0.149%
50	8.302	2235	2243	2253	rVV3	91285	167359	0.05%	0.027%
51	8.791	2371	2395	2403	rBV9	61990	178521	0.05%	0.028%
52	8.875	2411	2421	2426	rBV	728765	1091689	0.30%	0.173%
53	8.920	2426	2435	2457	rVB	2771852	4609225	1.25%	0.730%
54	9.045	2457	2474	2491	rBV2	31629055	55424627	14.98%	8.780%
55	9.164	2491	2511	2534	rVB2	8586278	15780851	4.27%	2.500%
56	9.283	2534	2548	2555	rBV	1029614	1683988	0.46%	0.267%
57	9.328	2555	2562	2576	rVB3	1612981	2742245	0.74%	0.434%
58	9.408	2576	2587	2597	rBV	857185	1346940	0.36%	0.213%
59	9.473	2597	2607	2615	rBV3	934289	1653513	0.45%	0.262%
60	9.521	2615	2622	2627	rVV	751141	989229	0.27%	0.157%
61	9.569	2627	2637	2660	rVB	13498562	21312830	5.76%	3.376%
62	9.740	2675	2690	2700	rBV2	477533	841444	0.23%	0.133%
63	9.801	2700	2709	2711	rBV	338507	429681	0.12%	0.068%
64	9.884	2726	2735	2746	rVB	573479	892826	0.24%	0.141%
65	9.952	2746	2756	2766	rBV	1168485	1752687	0.47%	0.278%
66	10.103	2786	2803	2819	rVB	624432	1047342	0.28%	0.166%
67	10.187	2820	2829	2834	rBV3	60288	104638	0.03%	0.017%
68	10.241	2836	2846	2858	rVB3	731822	1228136	0.33%	0.195%
69	10.309	2858	2867	2873	rBV3	124822	196294	0.05%	0.031%
70	10.376	2873	2888	2897	rBV	1111097	1965210	0.53%	0.311%
71	10.431	2897	2905	2911	rBV	893276	1213569	0.33%	0.192%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

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\SOMVLM060320WMA.M
Title : VOC Analysis

72	10.470	2911	2917	2921	rBV2	980945	1299207	0.35%	0.206%
73	10.563	2939	2946	2957	rVB	269143	450765	0.12%	0.071%
74	10.624	2957	2965	2971	rBV2	100827	146392	0.04%	0.023%
75	10.679	2971	2982	2989	rVV	135450	295865	0.08%	0.047%
76	10.759	2997	3007	3029	rVV	2781273	5303719	1.43%	0.840%
77	10.862	3029	3039	3051	rVB4	510790	912682	0.25%	0.145%
78	10.936	3051	3062	3072	rBV	2768988	4092573	1.11%	0.648%
79	11.116	3109	3118	3133	rBV7	168125	392304	0.11%	0.062%
80	11.267	3154	3165	3177	rVB2	1062651	1892381	0.51%	0.300%
81	11.357	3183	3193	3204	rBV	2484293	3642538	0.98%	0.577%
82	11.415	3204	3211	3221	rVB2	144932	225095	0.06%	0.036%
83	11.550	3243	3253	3265	rBV	1395235	2271122	0.61%	0.360%
84	11.646	3274	3283	3293	rBV	716700	1088830	0.29%	0.172%
85	11.768	3310	3321	3332	rVB	732765	1156621	0.31%	0.183%
86	11.839	3333	3343	3351	rBV2	118750	201123	0.05%	0.032%
87	11.936	3365	3373	3378	rBV2	92185	134954	0.04%	0.021%
88	12.039	3398	3405	3411	rBV2	183375	247932	0.07%	0.039%
89	12.138	3422	3436	3455	rVB2	423886	848039	0.23%	0.134%
90	12.338	3490	3498	3507	rVB	146540	222863	0.06%	0.035%
91	12.434	3522	3528	3538	rVV2	78042	153578	0.04%	0.024%
92	12.489	3538	3545	3563	rVB3	161990	285322	0.08%	0.045%
93	12.746	3618	3625	3634	rBV	115525	166914	0.05%	0.026%
94	12.903	3664	3674	3686	rBV2	599068	950963	0.26%	0.151%
95	12.971	3686	3695	3709	rVB	257578	413347	0.11%	0.065%
96	13.077	3715	3728	3739	rBV2	369226	624556	0.17%	0.099%
97	13.524	3855	3867	3889	rVB	2601955	4019760	1.09%	0.637%
98	13.646	3893	3905	3925	rVB	479482	785780	0.21%	0.124%
99	14.659	4210	4220	4237	rBV2	128836	277901	0.08%	0.044%
100	14.846	4264	4278	4295	rBV2	190011	348314	0.09%	0.055%

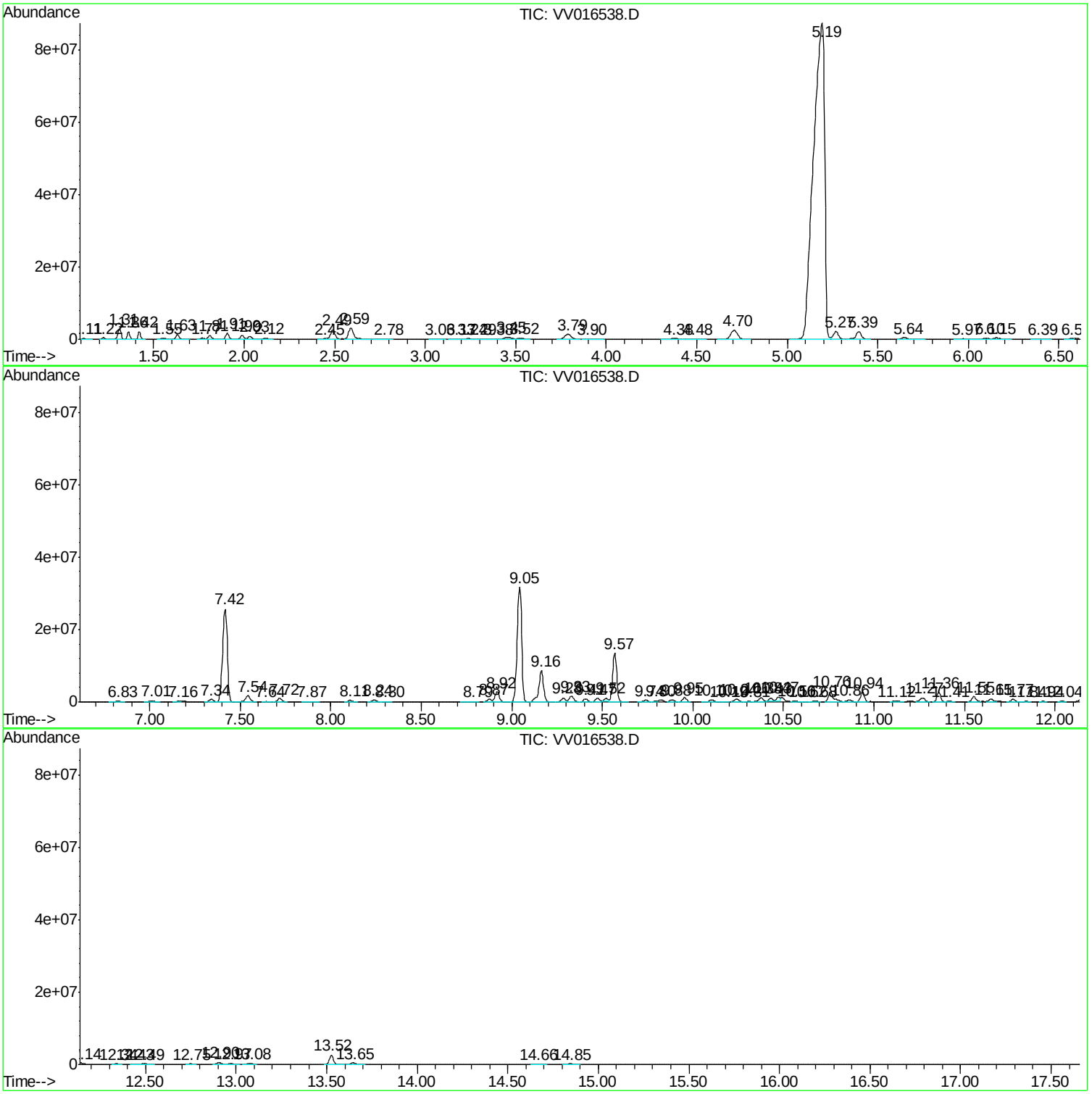
Sum of corrected areas: 631232944

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

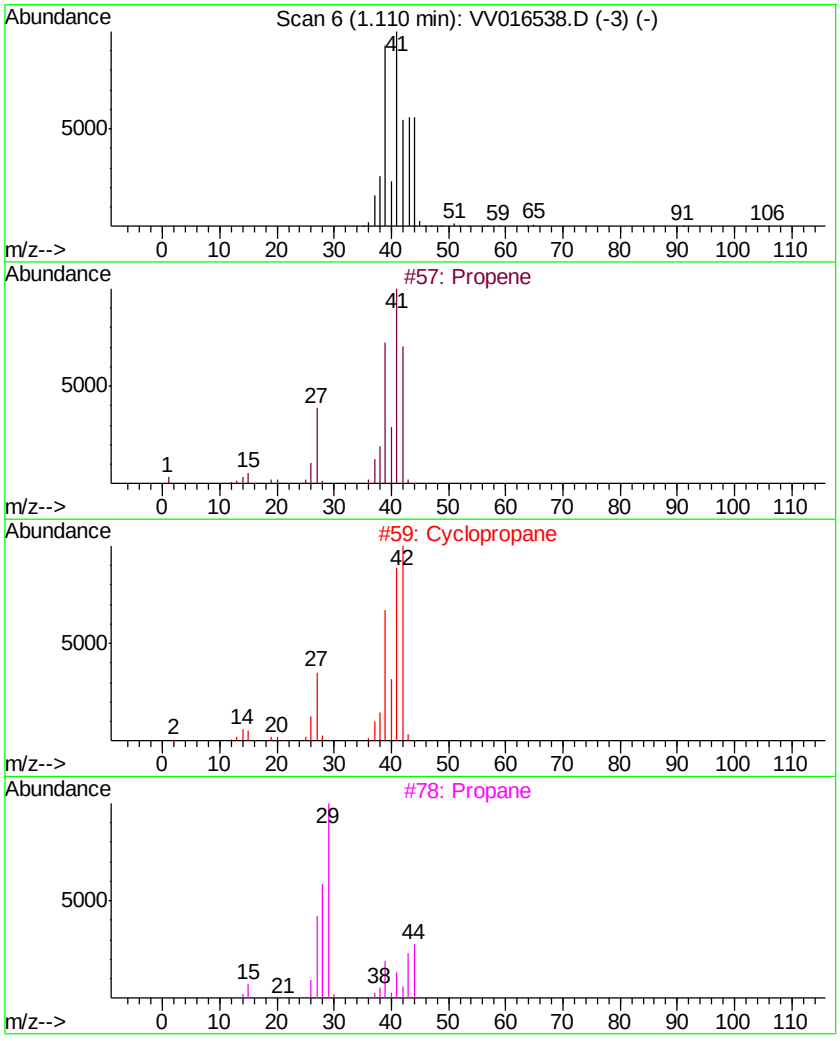
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

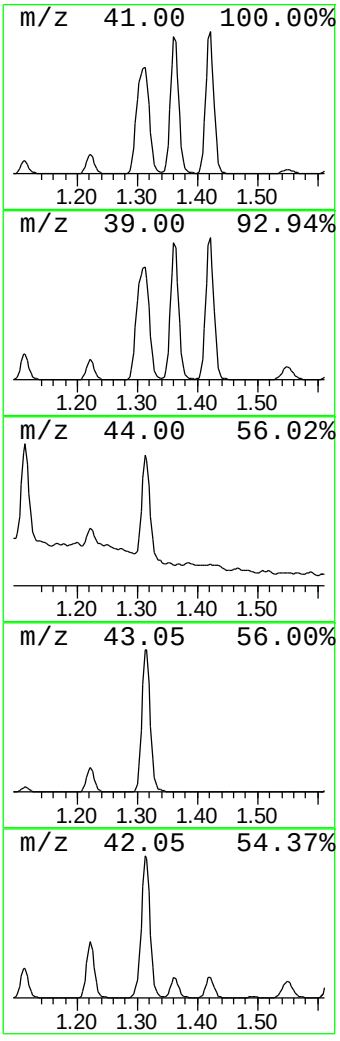
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.11	12.63 ug/L	263757	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	7
2	Cyclopropane	42	C3H6	000075-19-4	4
3	Propane	44	C3H8	000074-98-6	4
4	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	4
5	Cyclopropane	42	C3H6	000075-19-4	4





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

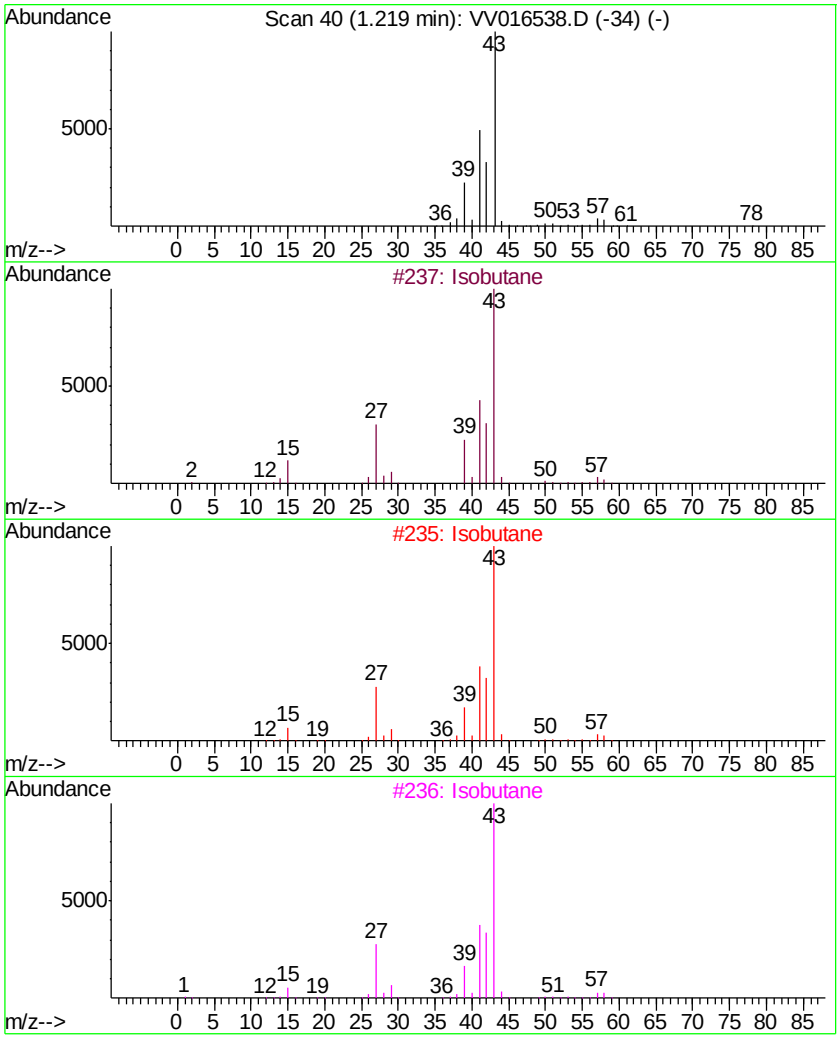
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

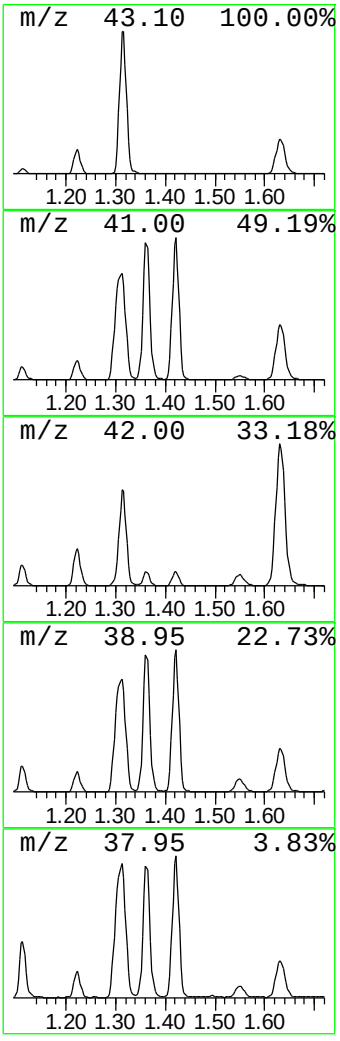
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	21.27 ug/L	444271	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	64
2	Isobutane	58	C4H10	000075-28-5	53
3	Isobutane	58	C4H10	000075-28-5	53
4	Isobutane	58	C4H10	000075-28-5	53
5	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	4





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

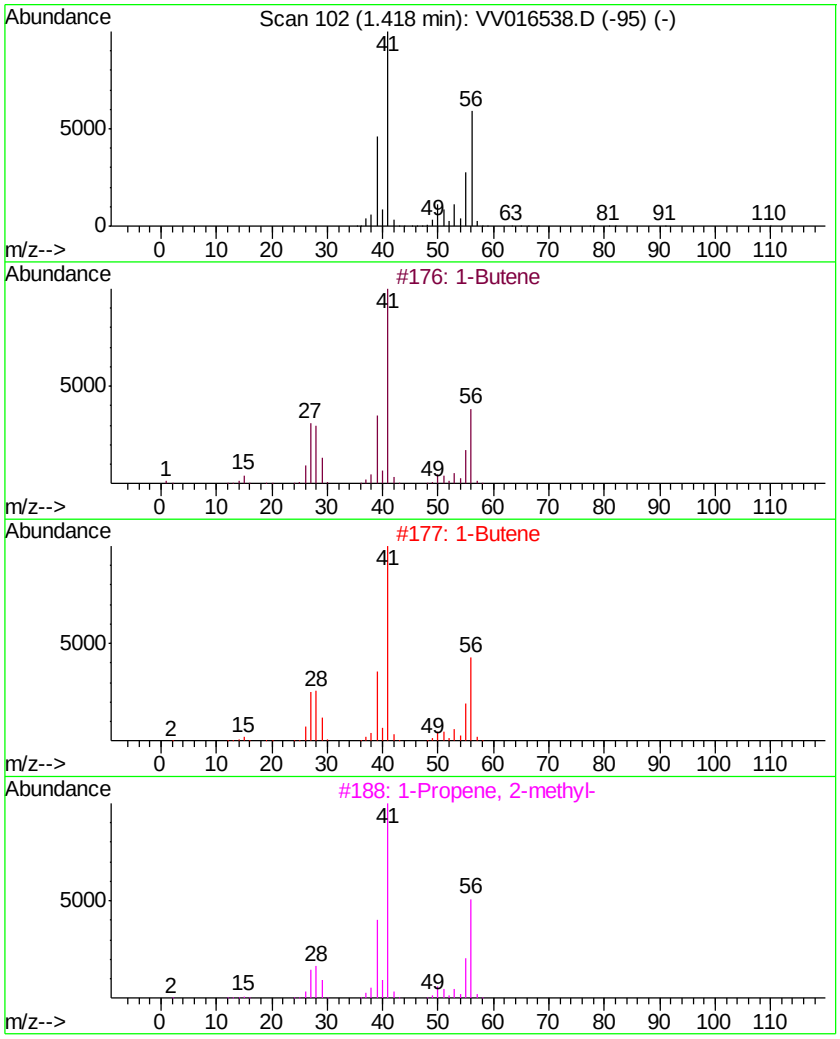
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

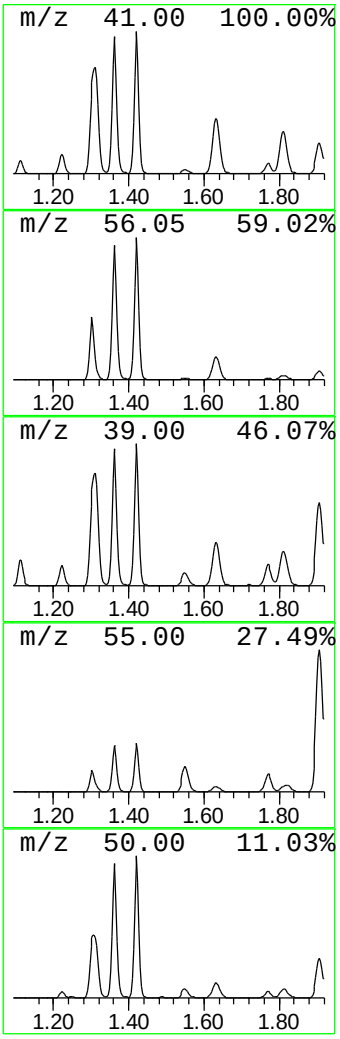
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.42	95.21 ug/L	1988700	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene	56	C4H8	000106-98-9	90
2	1-Butene	56	C4H8	000106-98-9	87
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	87
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	87
5	2-Butene, (Z)-	56	C4H8	000590-18-1	74





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

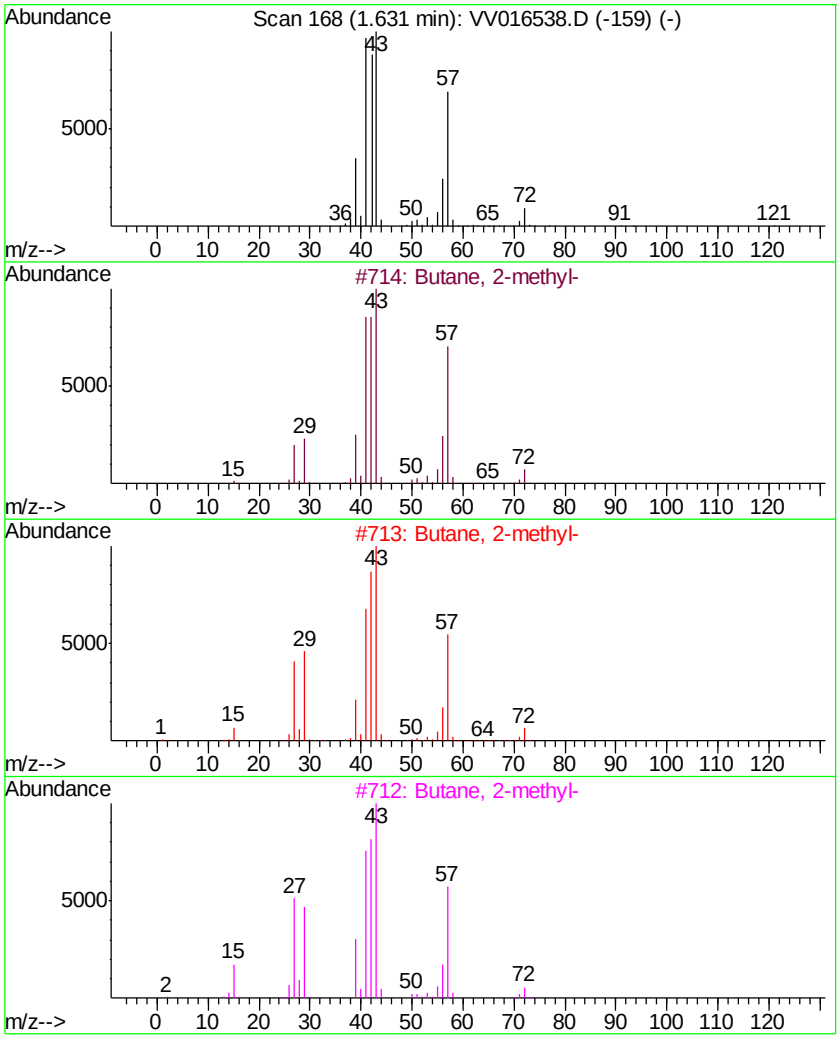
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

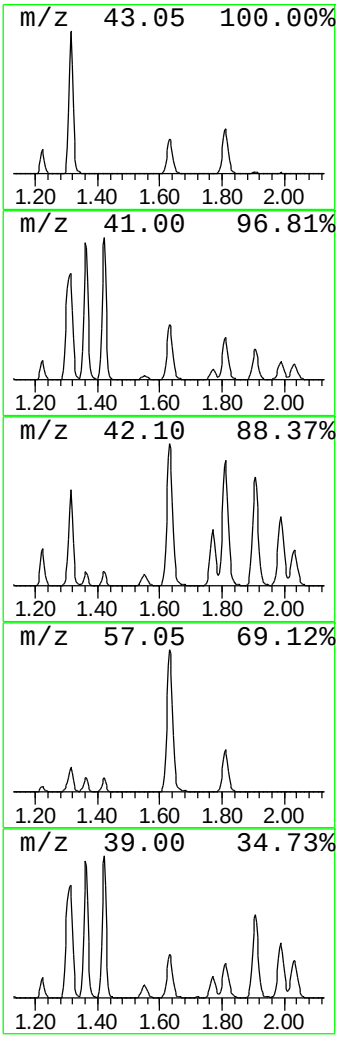
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.63	84.03 ug/L	1755140	1,4-Difluorobenzene	5.64

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	86
4	3-Buten-1-ol	72	C4H8O	000627-27-0	47
5	Pentane	72	C5H12	000109-66-0	42





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

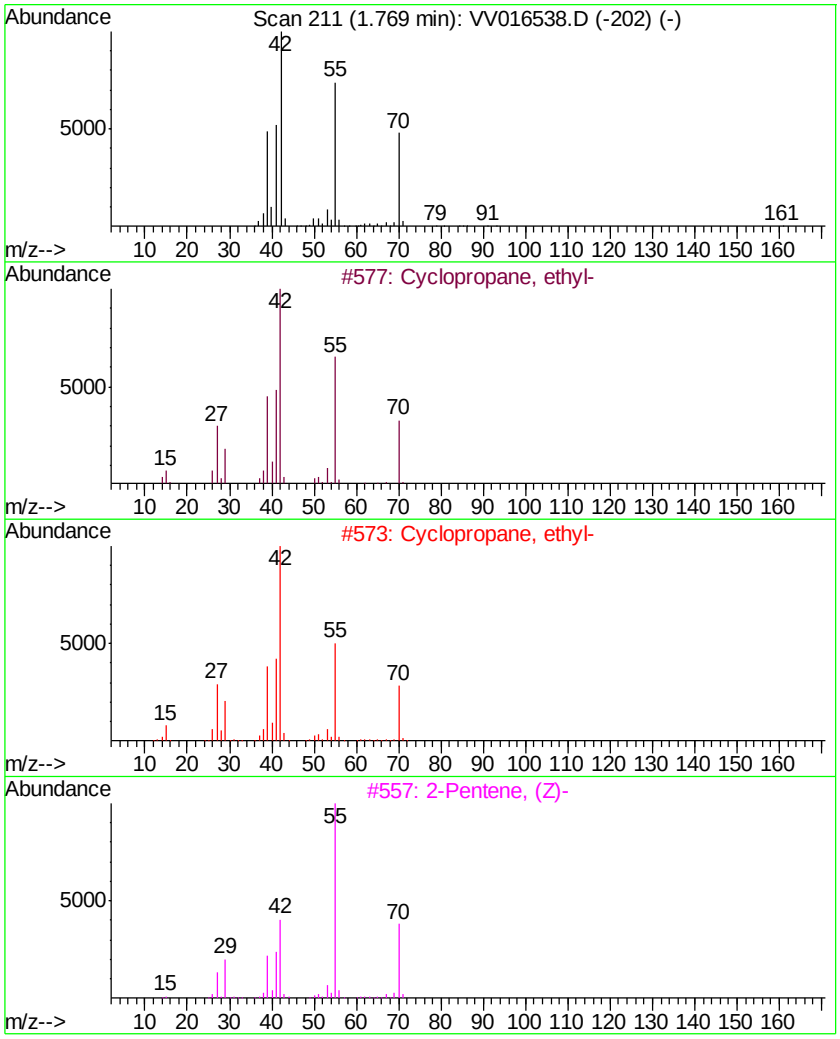
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

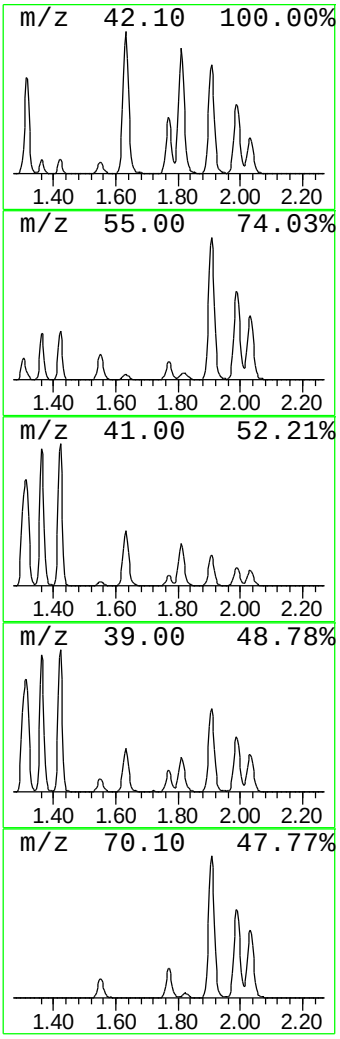
****

Peak Number 5 (DEL) Alkane: Cyclic1.77 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.77	23.37 ug/L	488110	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	87
2	Cyclopropane, ethyl-	70	C5H10	001191-96-4	76
3	2-Pentene, (Z)-	70	C5H10	000627-20-3	74
4	2-Pentene	70	C5H10	000109-68-2	72
5	1-Pentene	70	C5H10	000109-67-1	68





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Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

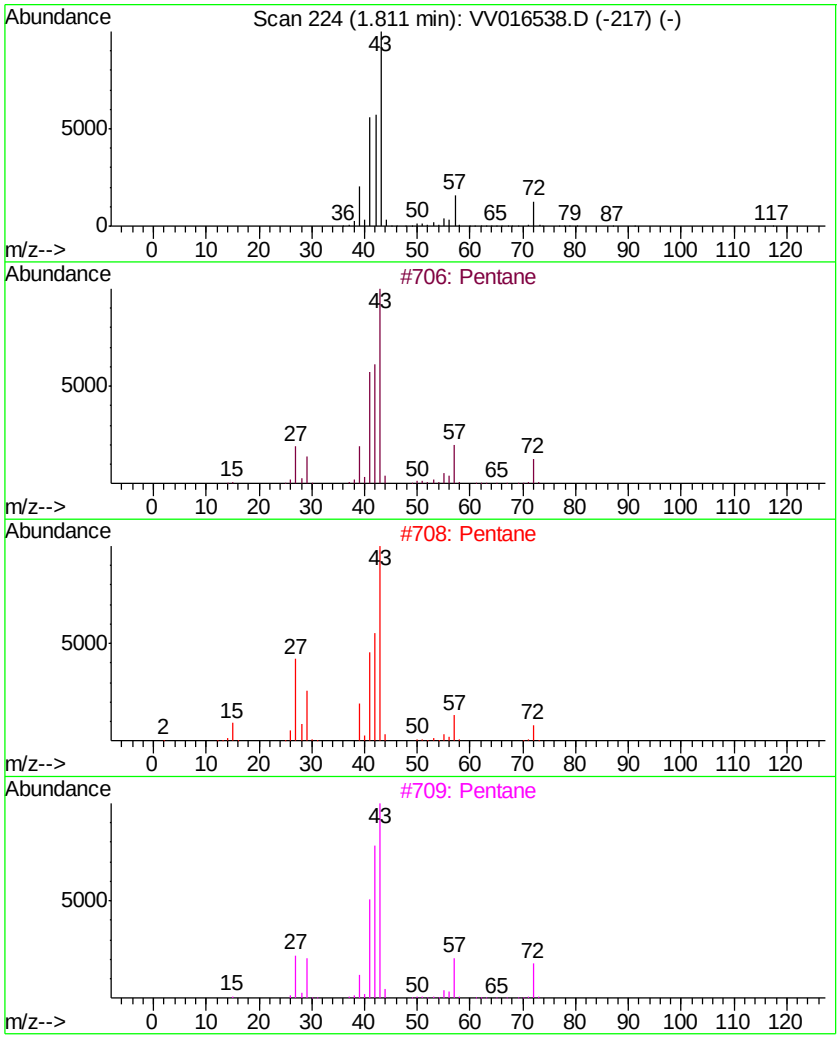
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

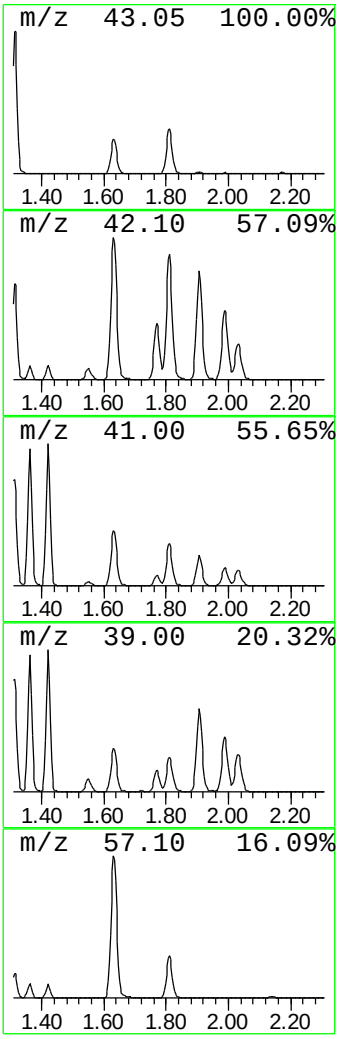
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.81	72.06 ug/L	1505070	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Pentane	72	C5H12	000109-66-0	90
3	Pentane	72	C5H12	000109-66-0	86
4	Pentane	72	C5H12	000109-66-0	86
5	Oxirane, ethyl-	72	C4H8O	000106-88-7	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

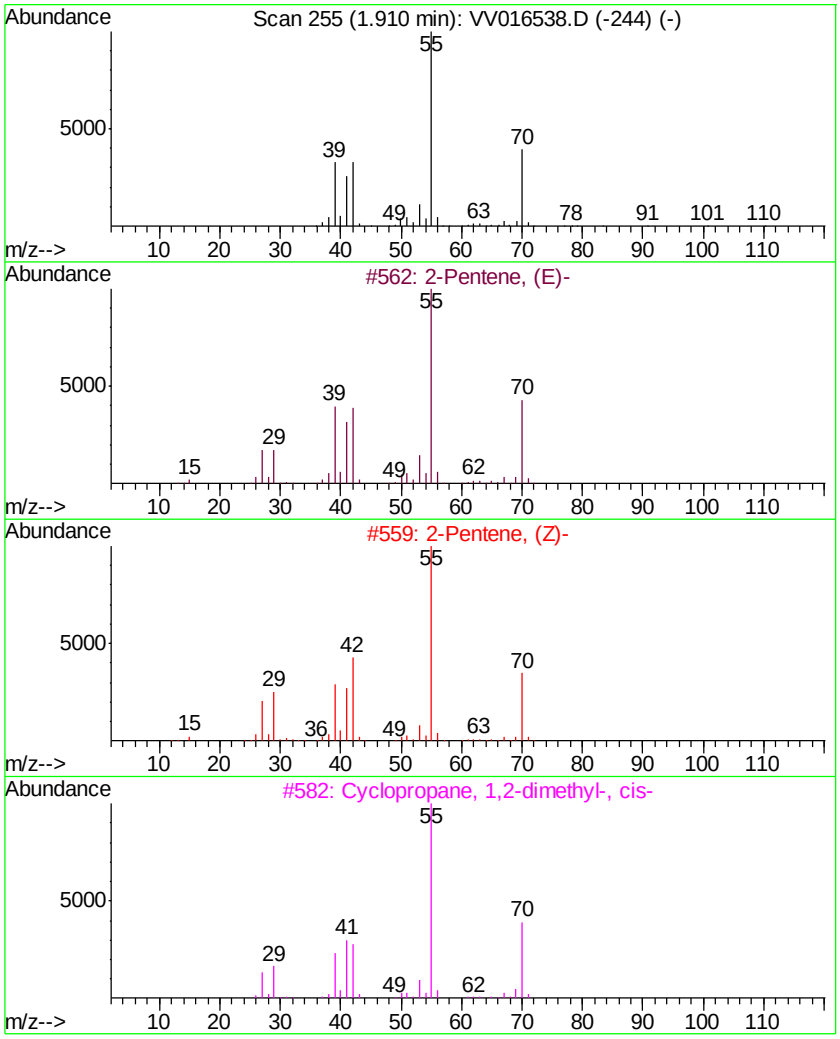
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

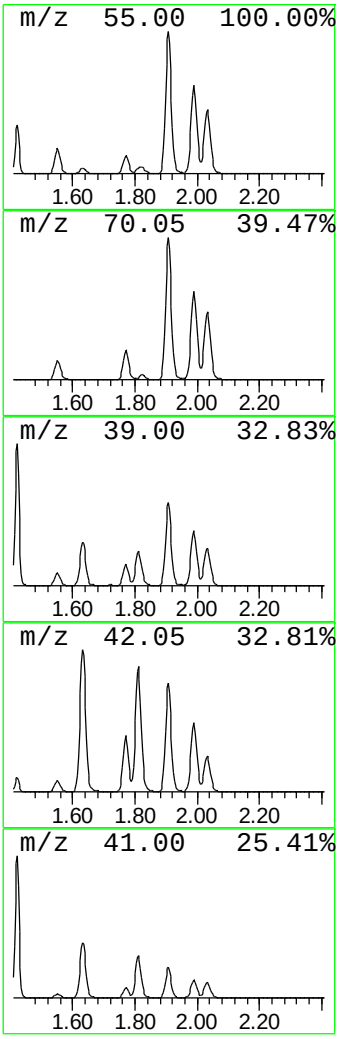
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.91	105.99 ug/L	2213890	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (E)-	70	C5H10	000646-04-8	93
2	2-Pentene, (Z)-	70	C5H10	000627-20-3	90
3	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
4	2-Methyl-1-butene	70	C5H10	000563-46-2	90
5	2-Methyl-1-butene	70	C5H10	000563-46-2	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

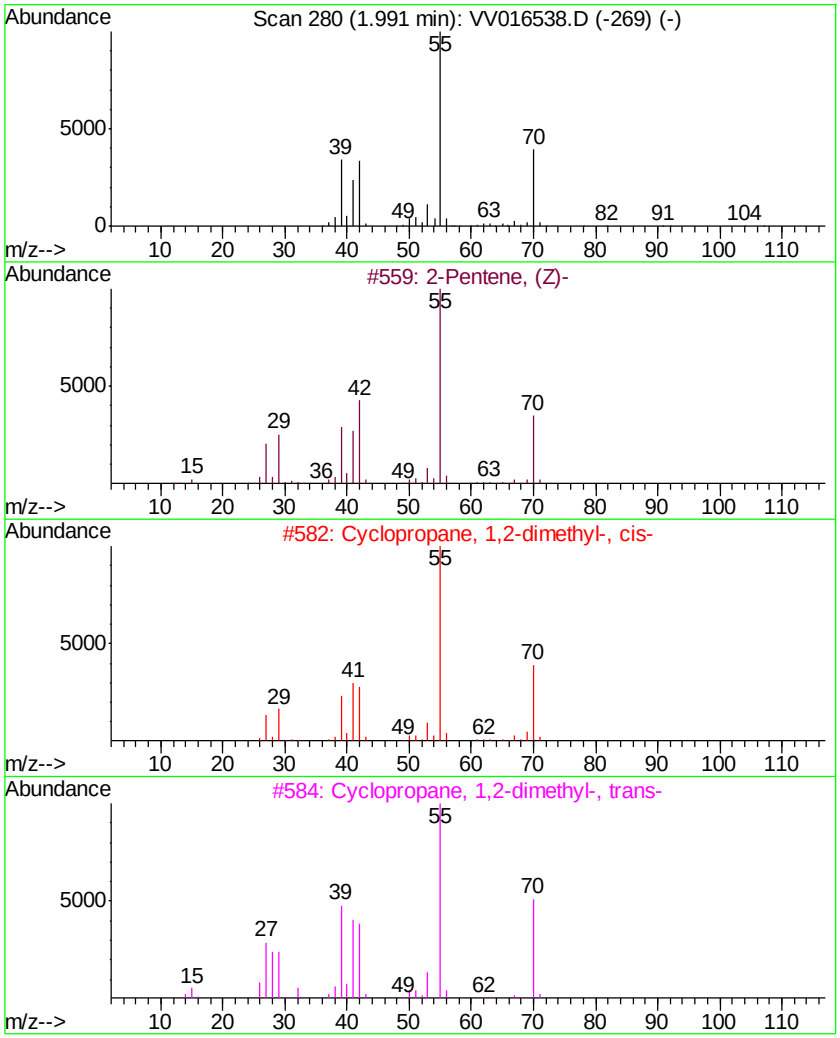
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

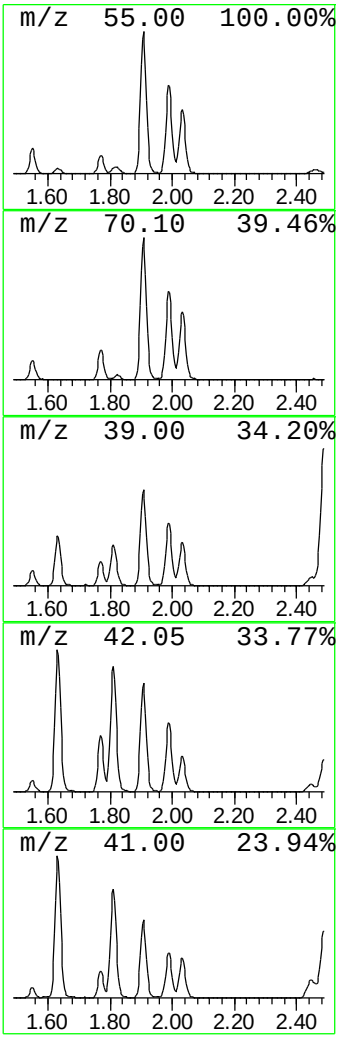
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.99	69.79 ug/L	1457710	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (Z)-	70	C5H10	000627-20-3	90
2	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	87
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	87
4	2-Pentene, (E)-	70	C5H10	000646-04-8	87
5	2-Butene, 2-methyl-	70	C5H10	000513-35-9	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

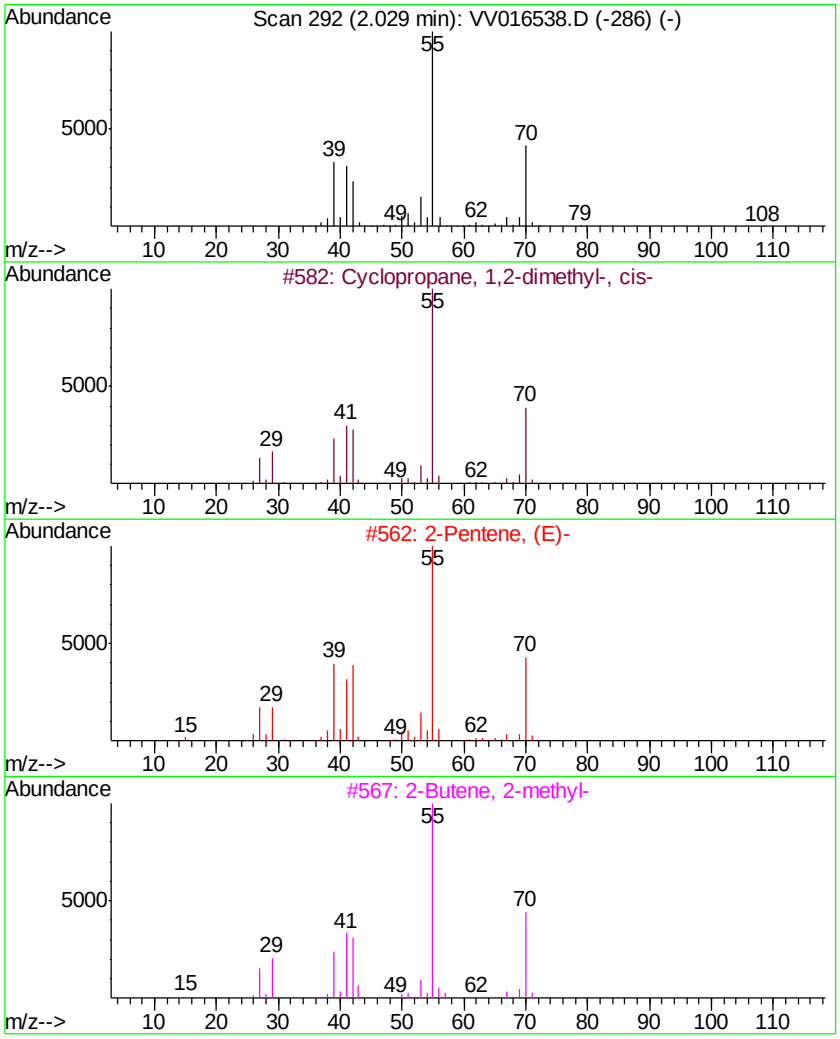
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

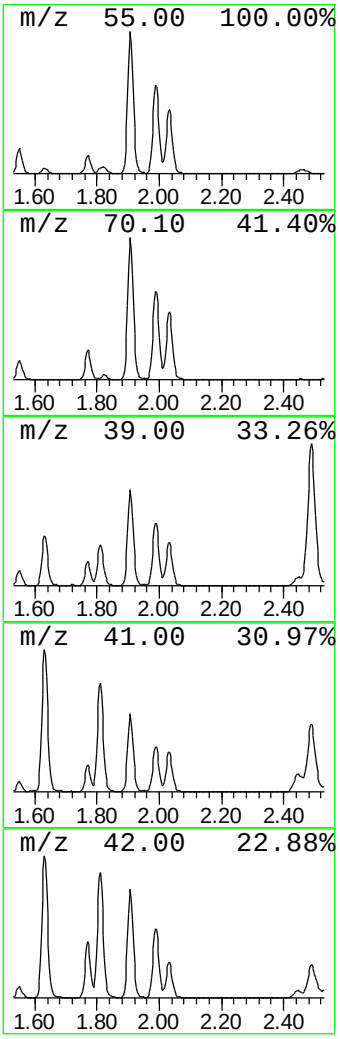
****

Peak Number 9 (DEL) Alkane: Cyclic2.03 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.03	54.07 ug/L	1129330	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
2	2-Pentene, (E)-	70	C5H10	000646-04-8	87
3	2-Butene, 2-methyl-	70	C5H10	000513-35-9	86
4	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	83
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

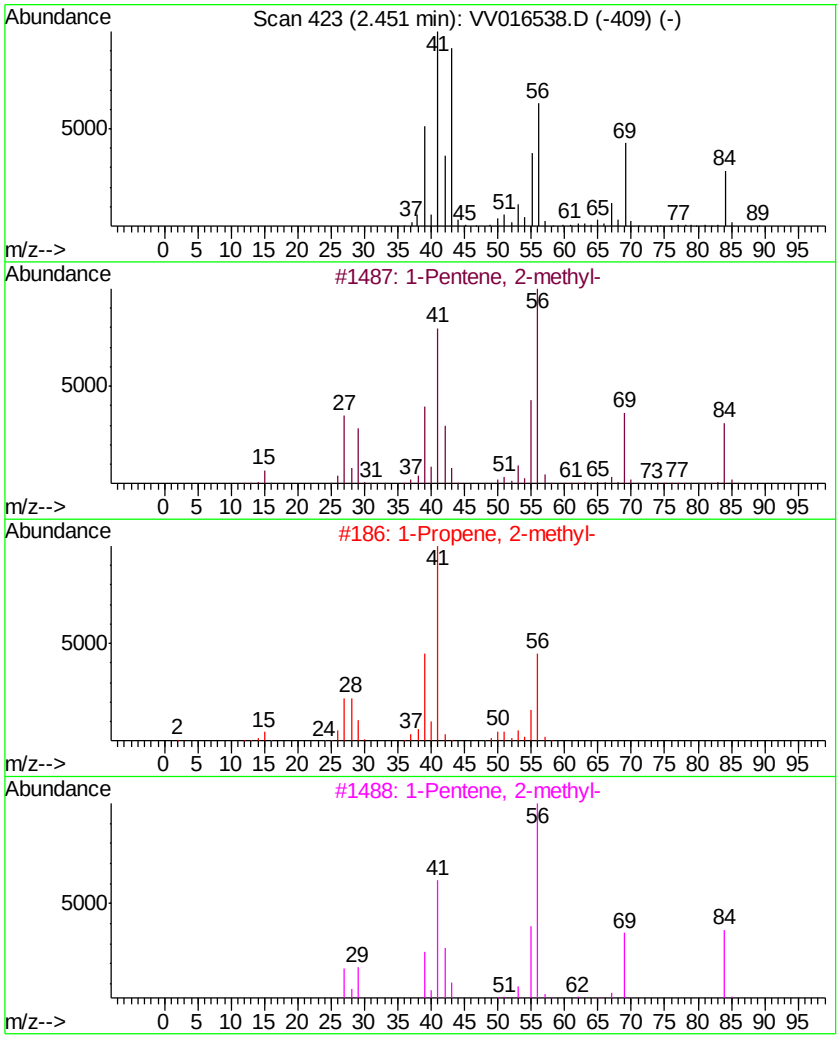
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

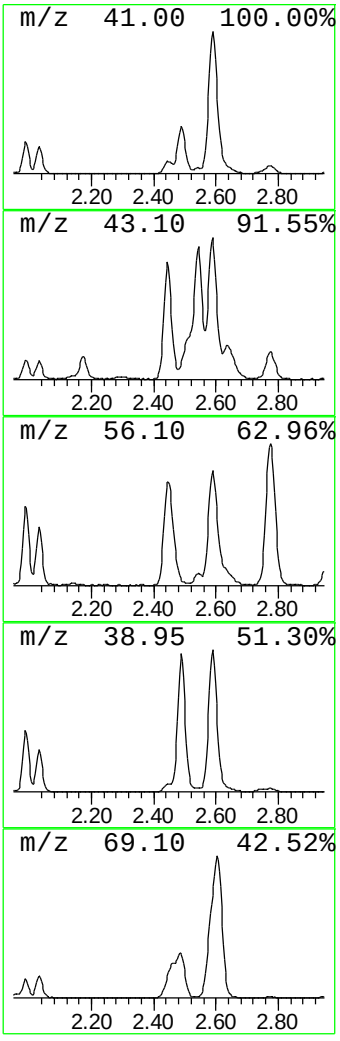
****

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	11.86 ug/L	247739	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	50
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	49
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	46
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	46
5	2-Butene, (Z)-	56	C4H8	000590-18-1	46





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Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

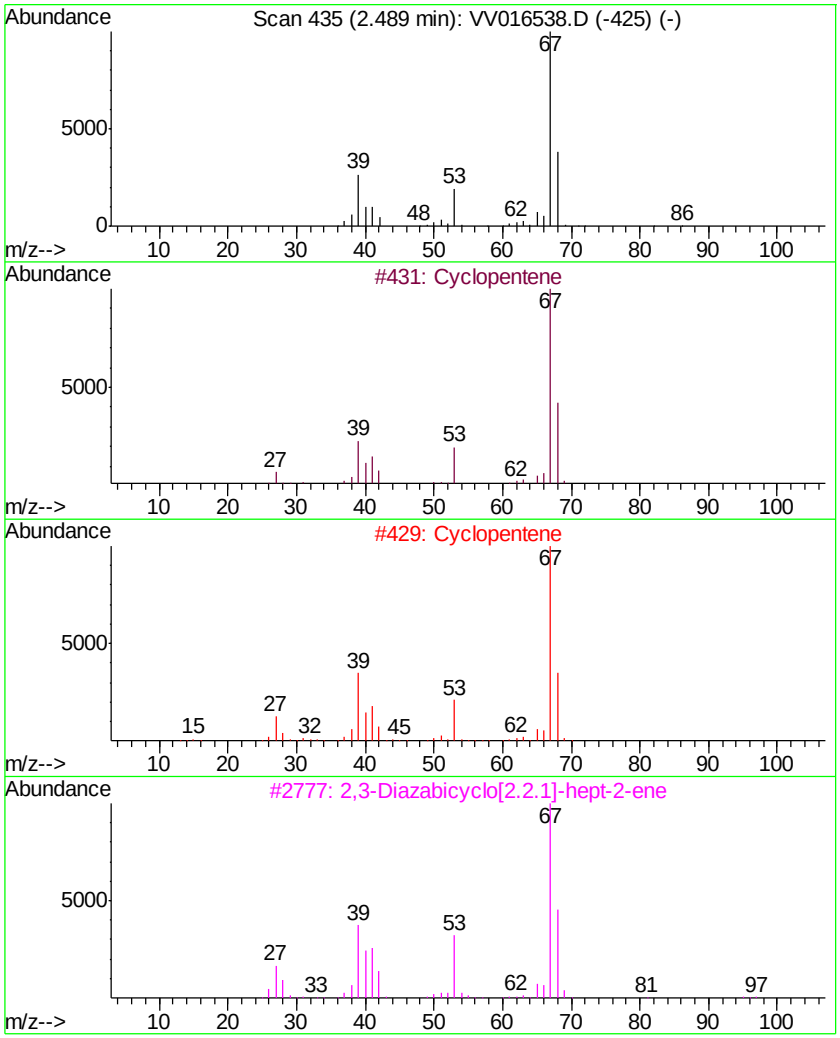
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

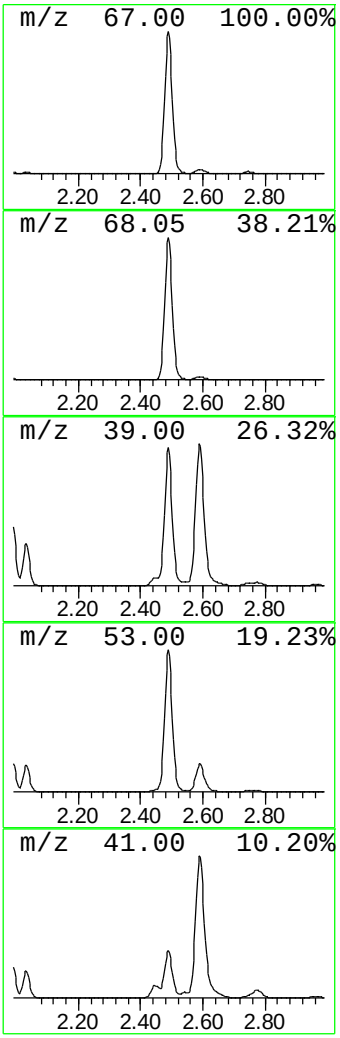
****

Peak Number 11 Cyclopentene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.49	204.77 ug/L	4277080	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene	68	C5H8	000142-29-0	91
2	Cyclopentene	68	C5H8	000142-29-0	91
3	2,3-Diazabicyclo[2.2.1]-hept-2-ene	96	C5H8N2	002721-32-6	83
4	1,3-Pentadiene, (E)-	68	C5H8	002004-70-8	59
5	1-Butyne, 3-methyl-	68	C5H8	000598-23-2	59





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Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

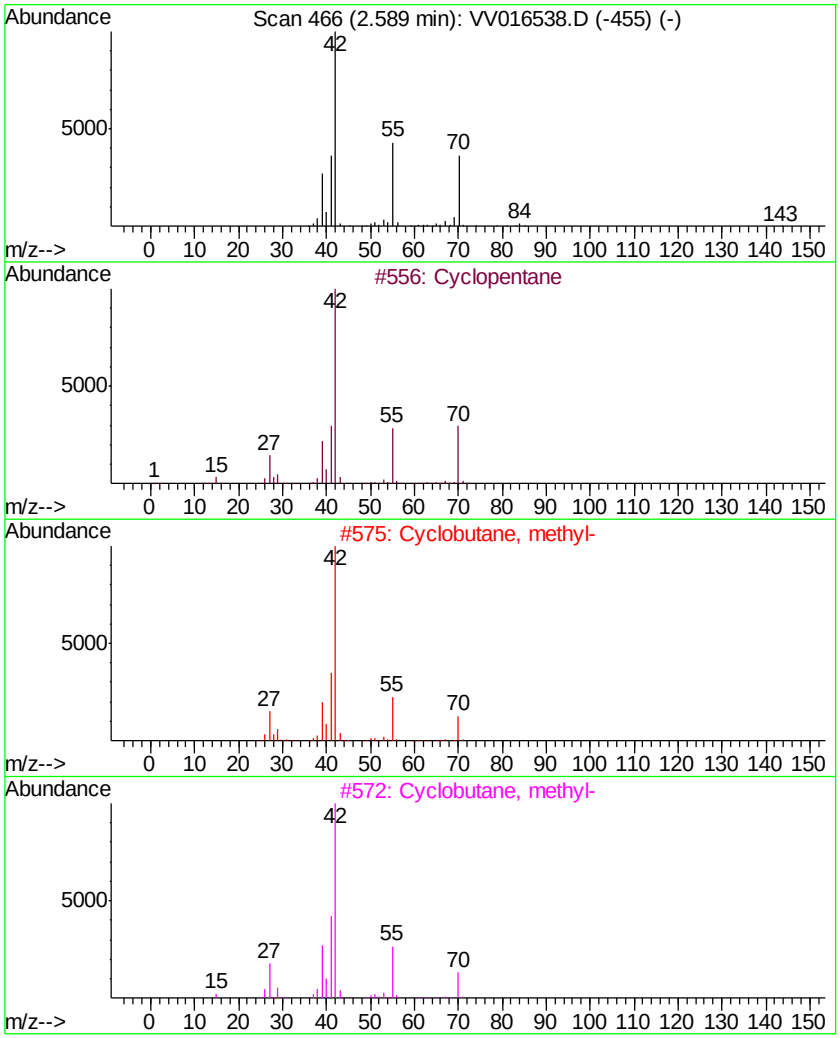
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

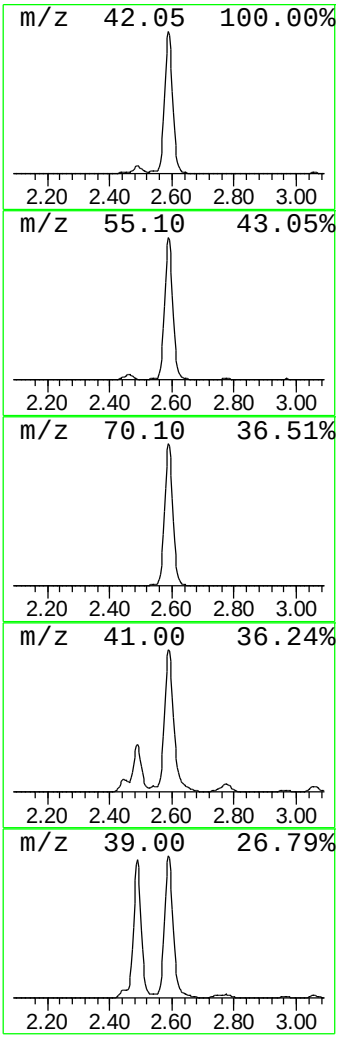
****

Peak Number 12 (DEL) Alkane: Cyclic2.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.59	302.64 ug/L	6321320	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	86
2	Cyclobutane, methyl-	70	C5H10	000598-61-8	78
3	Cyclobutane, methyl-	70	C5H10	000598-61-8	78
4	Cyclopentane	70	C5H10	000287-92-3	72
5	1-Pentene	70	C5H10	000109-67-1	49





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Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

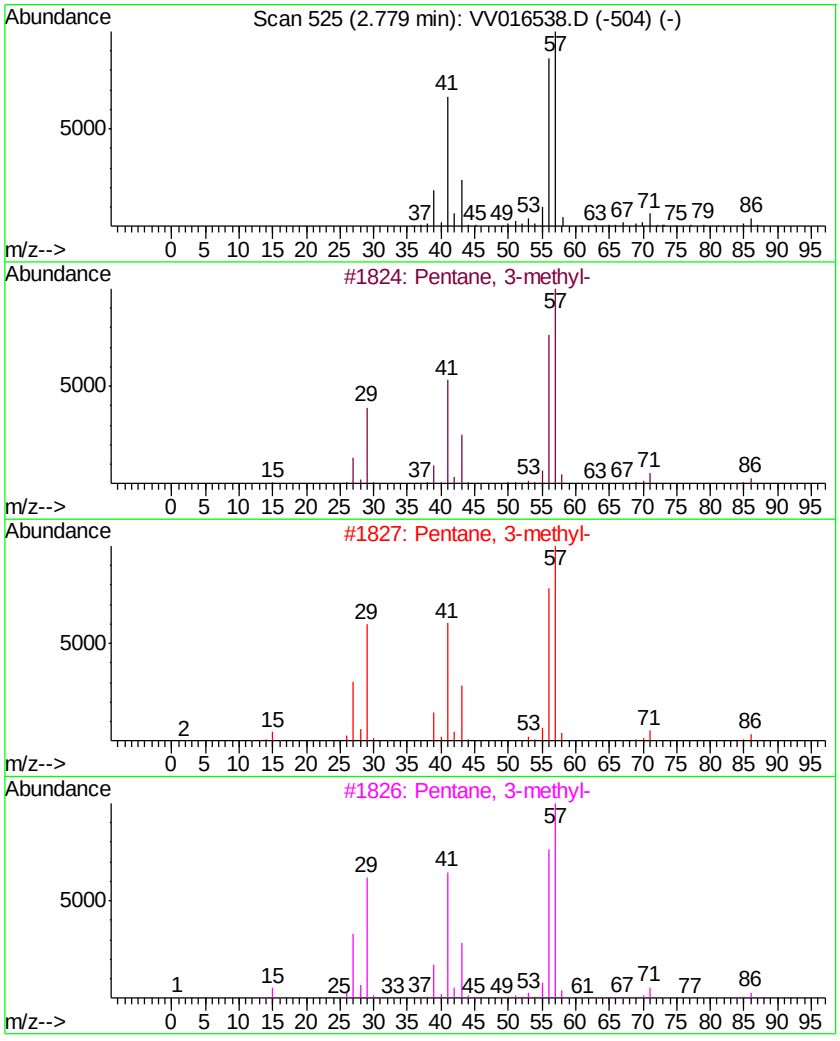
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

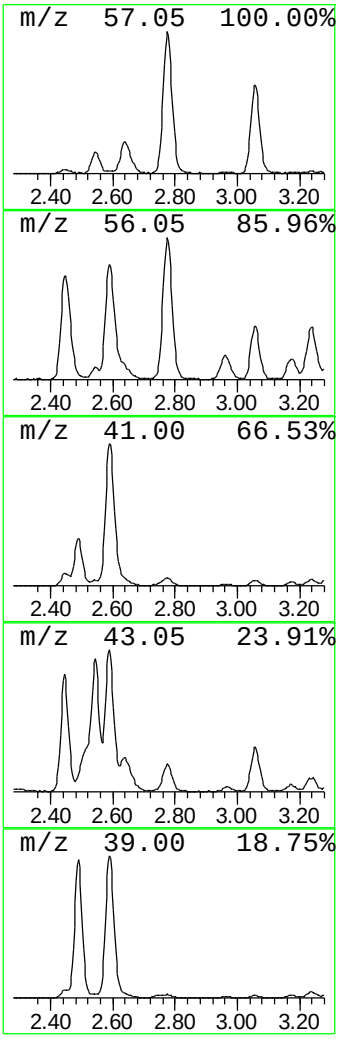
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	15.22 ug/L	317842	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	87
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	72
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	56





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

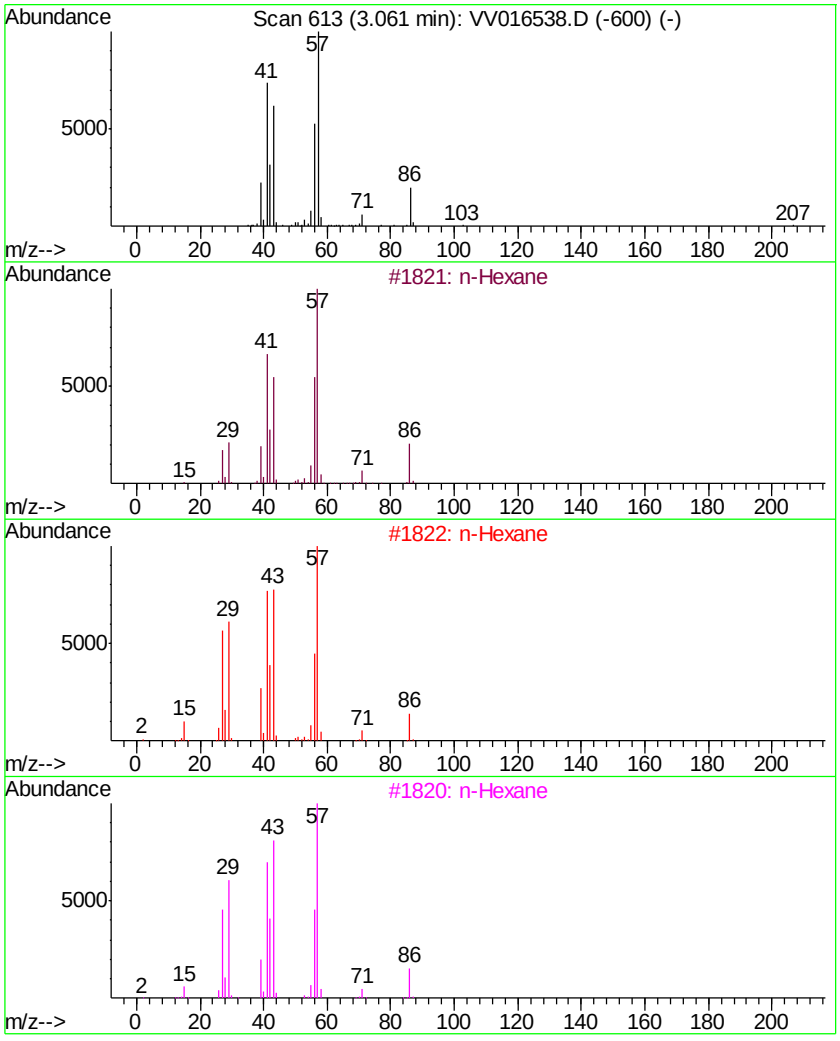
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

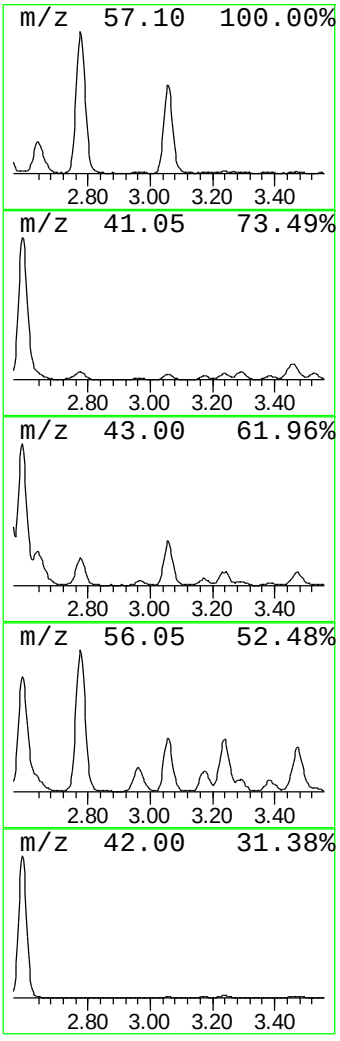
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	8.14 ug/L	169950	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	n-Hexane	86	C6H14	000110-54-3	72
3	n-Hexane	86	C6H14	000110-54-3	64
4	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	43
5	Pentane, 3-methyl-	86	C6H14	000096-14-0	42





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

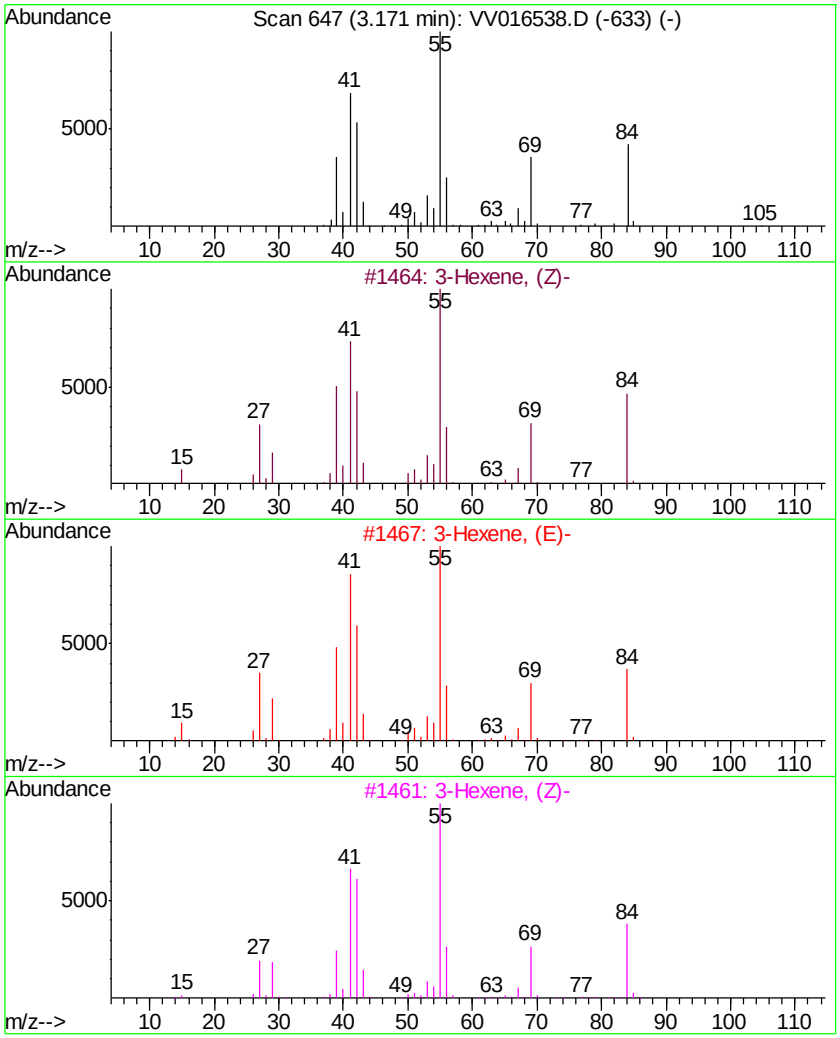
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

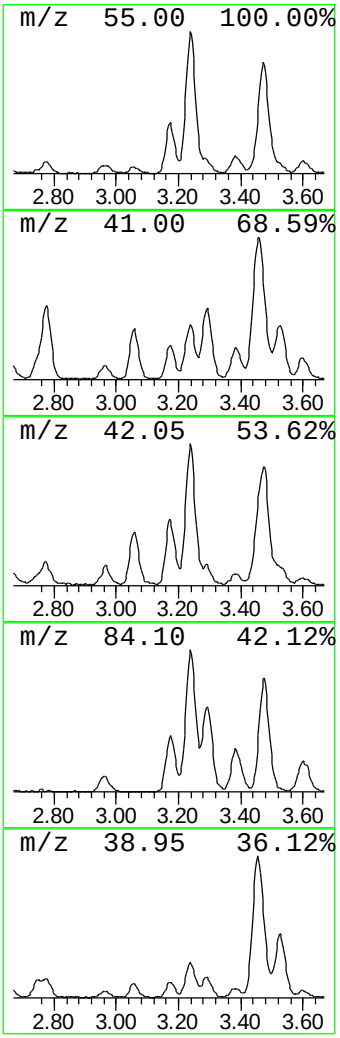
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	7.07 ug/L	147721	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, (Z)-	84	C6H12	007642-09-3	94
2	3-Hexene, (E)-	84	C6H12	013269-52-8	91
3	3-Hexene, (Z)-	84	C6H12	007642-09-3	91
4	3-Hexene	84	C6H12	000592-47-2	91
5	3-Hexene, (Z)-	84	C6H12	007642-09-3	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

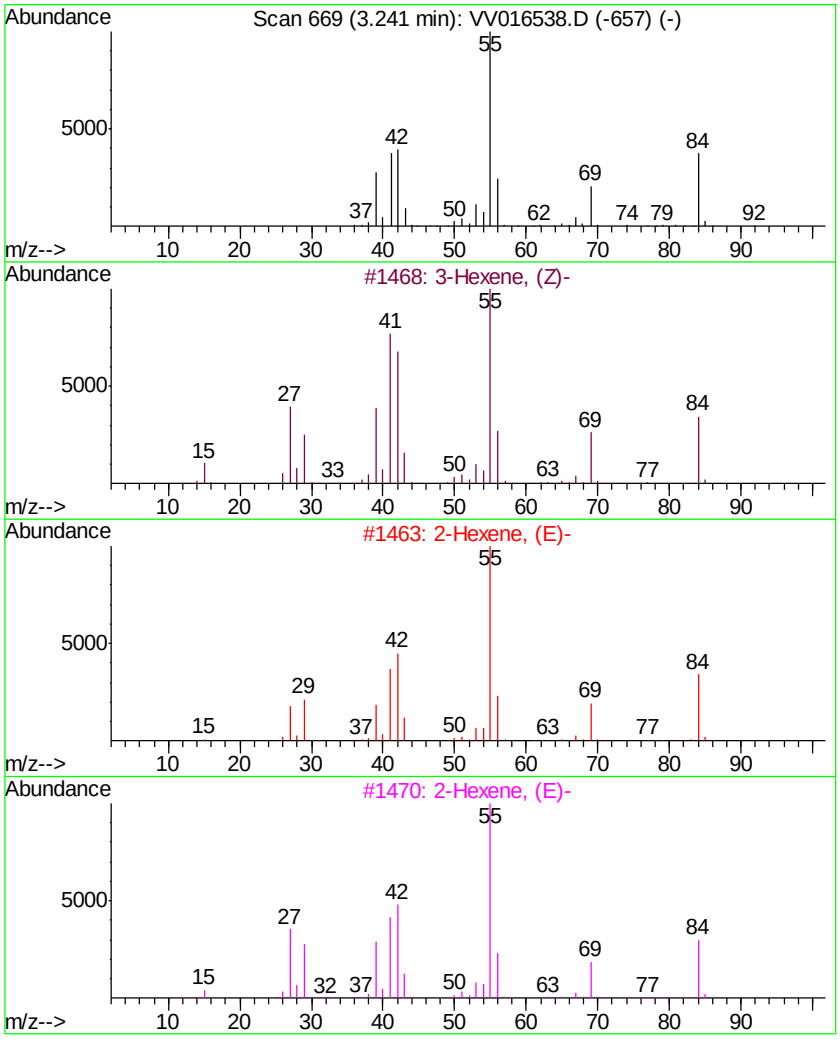
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

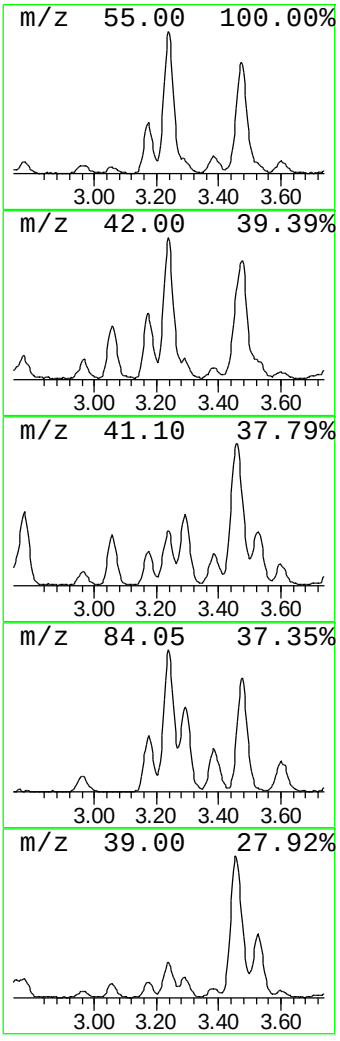
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	15.80 ug/L	329950	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, (Z)-	84	C6H12	007642-09-3	91
2	2-Hexene, (E)-	84	C6H12	004050-45-7	91
3	2-Hexene, (E)-	84	C6H12	004050-45-7	91
4	3-Hexene, (Z)-	84	C6H12	007642-09-3	91
5	2-Hexene	84	C6H12	000592-43-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

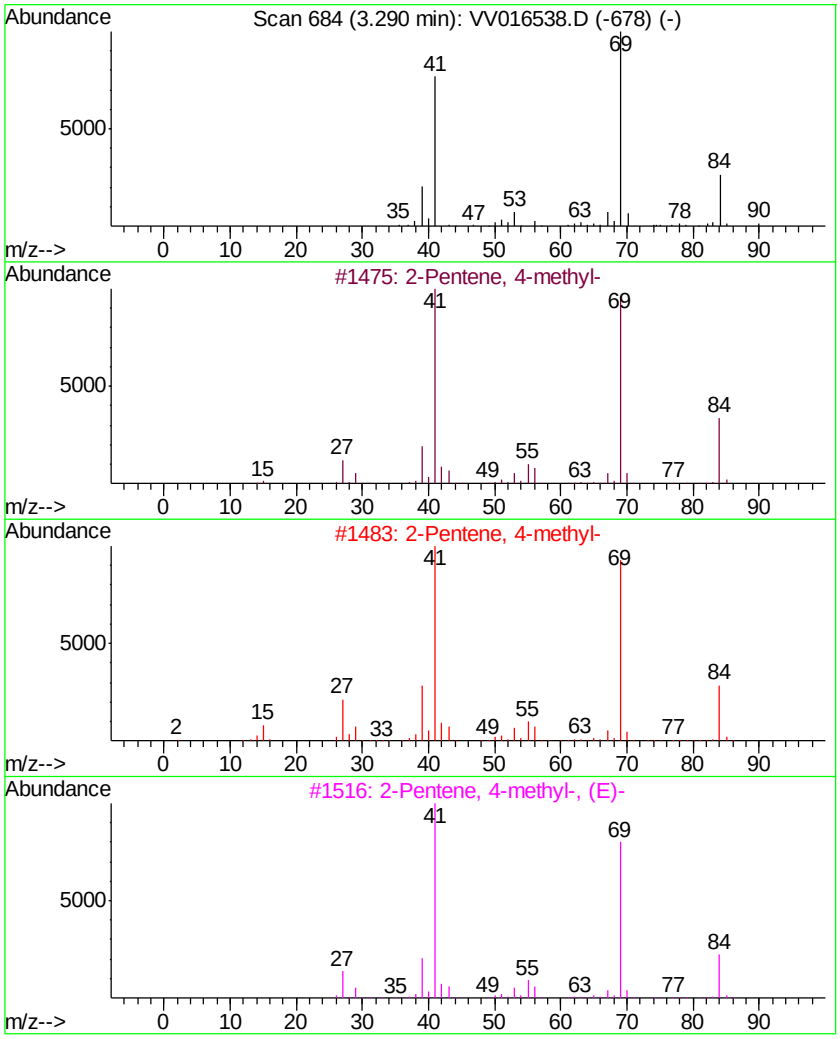
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

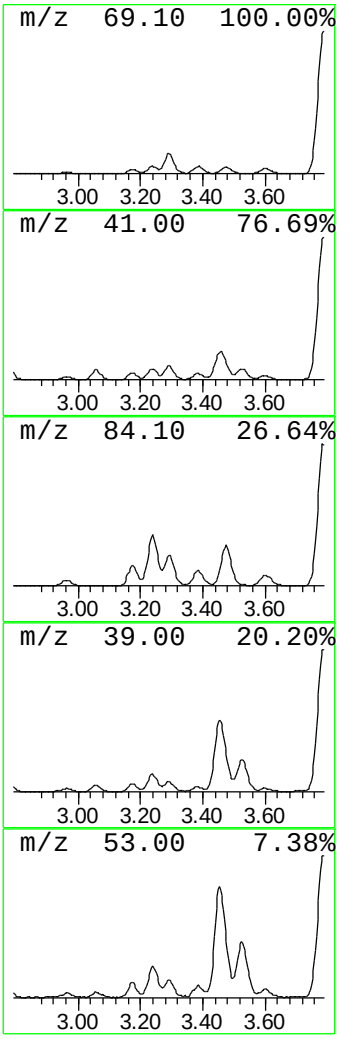
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	8.66 ug/L	180961	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	86
2	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	86
3	2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	86
4	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	86
5	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	86





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Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

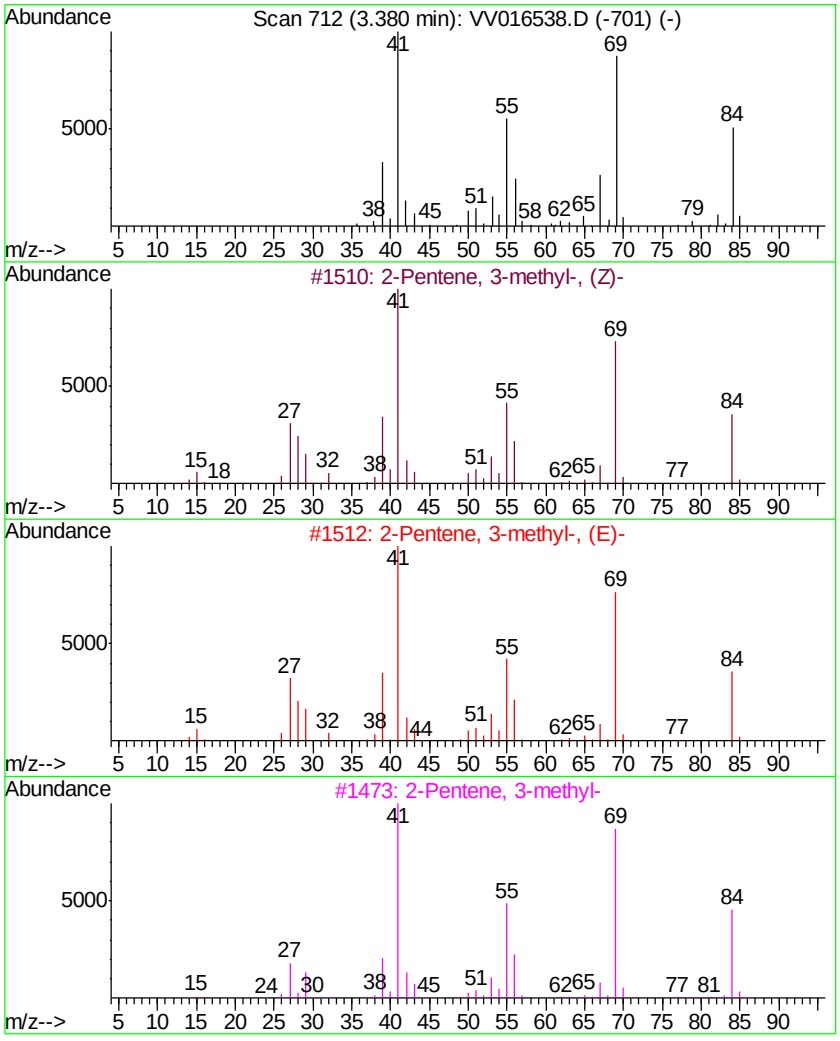
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

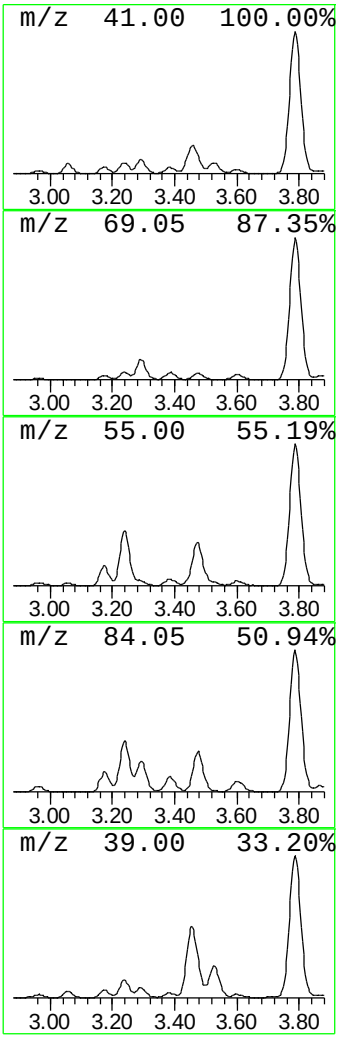
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.38	4.71 ug/L	98472	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	90
2	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	90
3	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	90
4	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	87
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	83





Library Search Compound Report

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Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

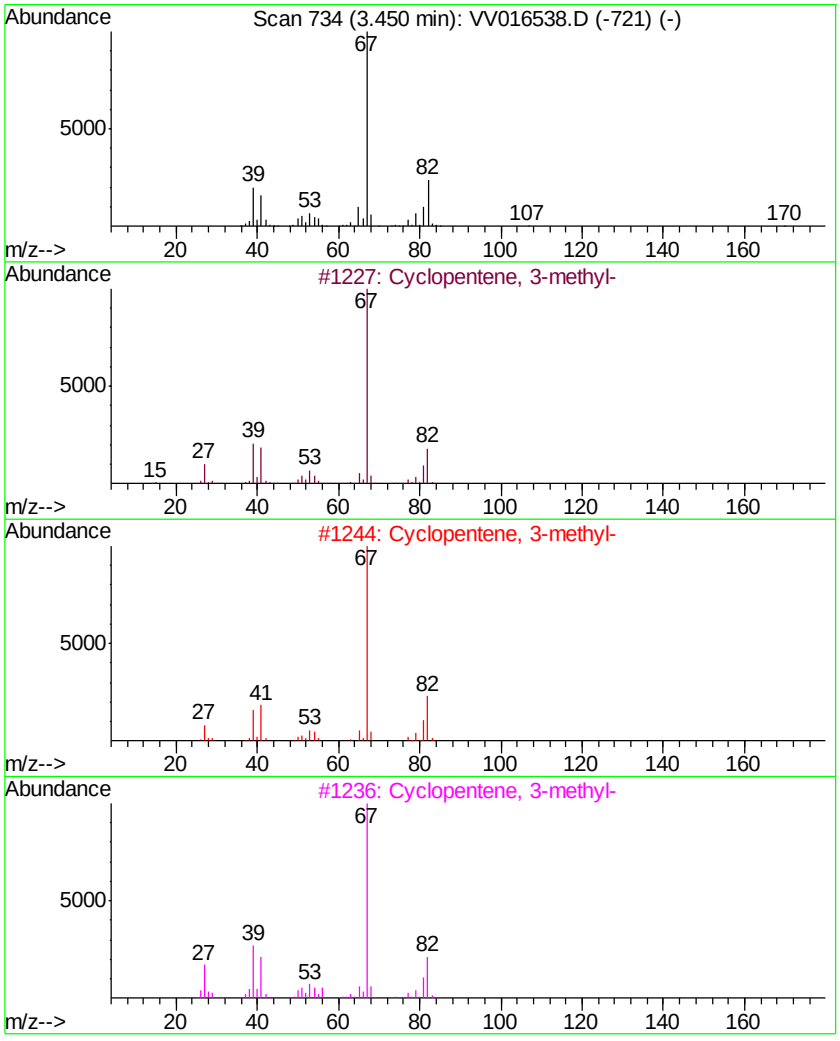
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

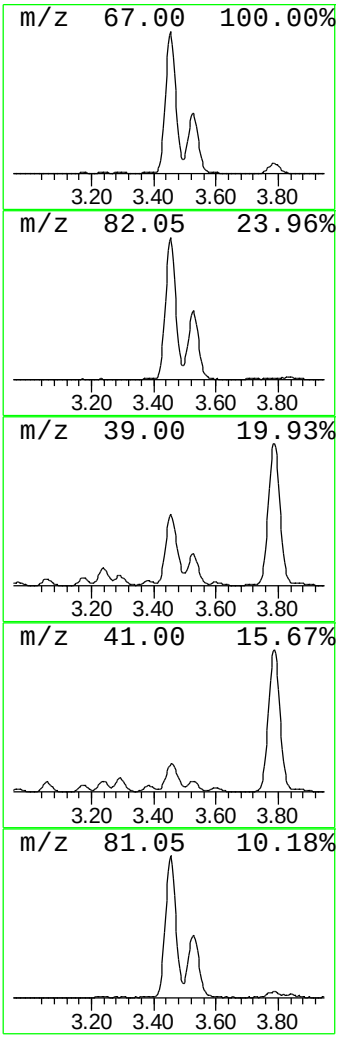
****

Peak Number 19 Cyclopentene, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.45	77.23 ug/L	1613060	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	91
2	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	91
3	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	91
4	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	90
5	1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	90





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Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

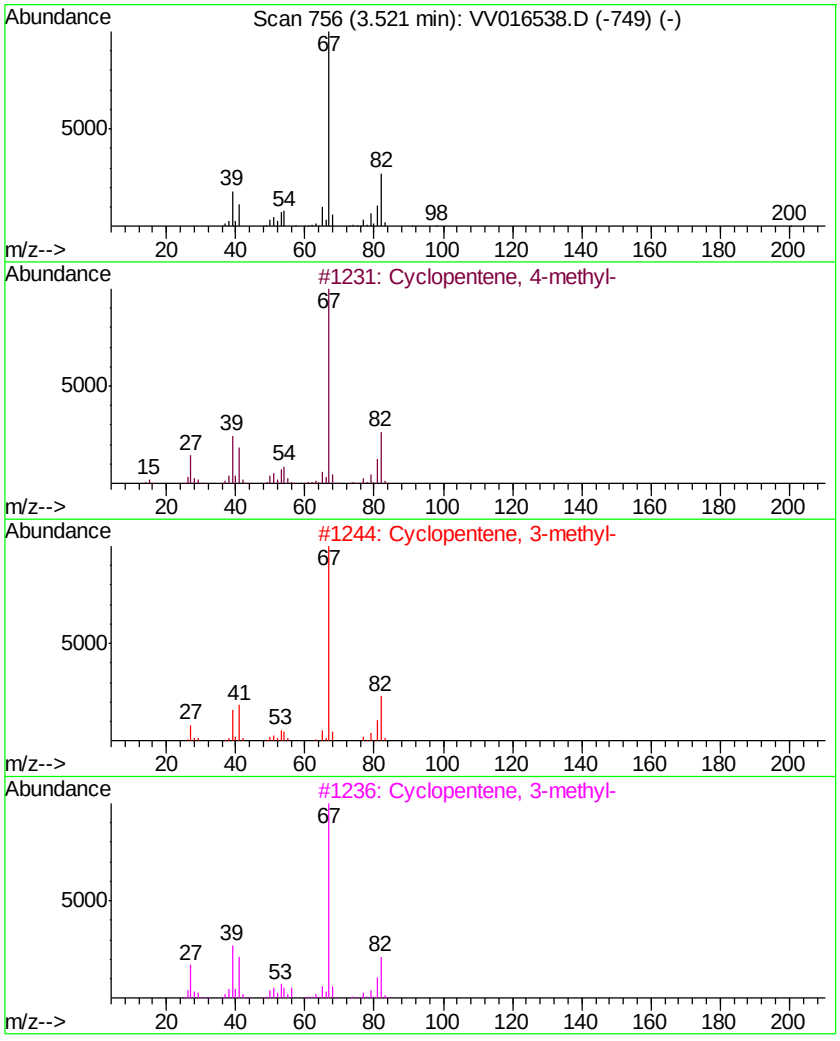
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

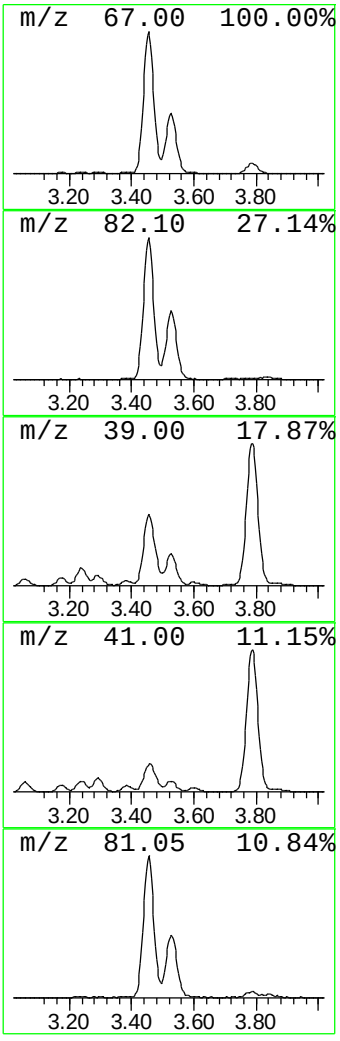
****

Peak Number 20 Cyclopentene, 4-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.52	29.26 ug/L	611146	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	91
2	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	91
3	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	90
4	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	86
5	1,4-Hexadiene	82	C6H10	000592-45-0	86





Library Search Compound Report

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Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

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

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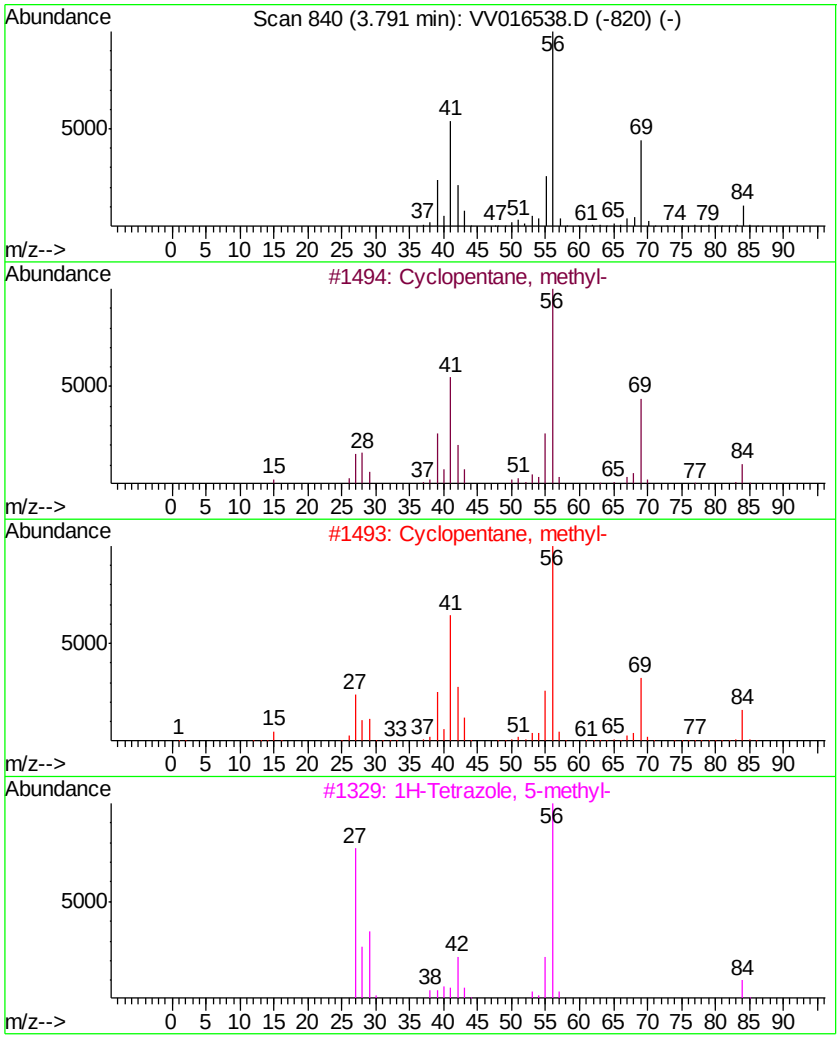
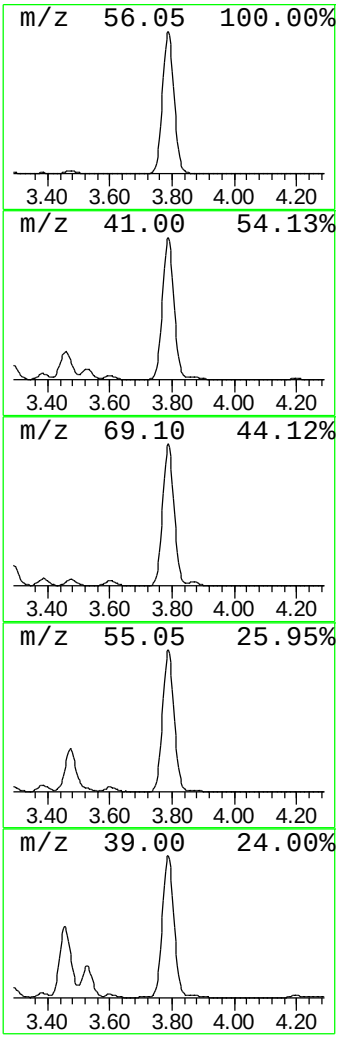
Peak Number 21 (DEL) Alkane: Cyclic3.79 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.79	175.59 ug/L	3667610	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	80
5	Cyclohexane	84	C6H12	000110-82-7	78





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Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

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

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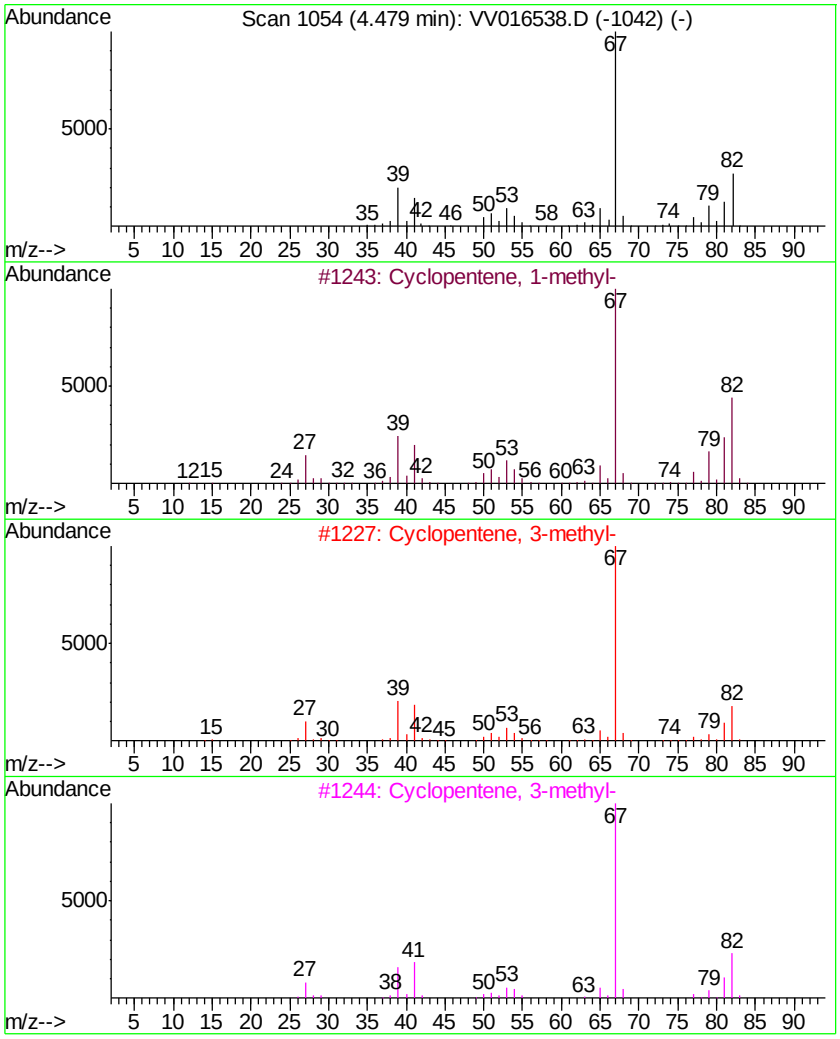
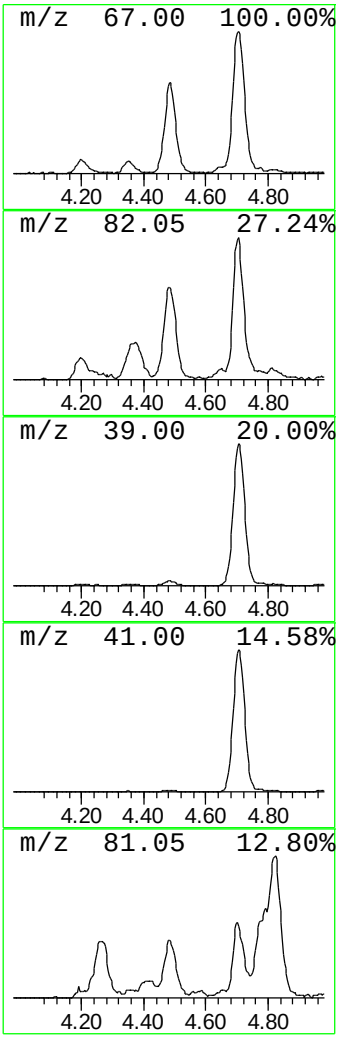
Peak Number 22 Cyclopentene, 1-methyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.48	8.94 ug/L	186726	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	87
2	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	87
3	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	86
4	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	86
5	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	86





Library Search Compound Report

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Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

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

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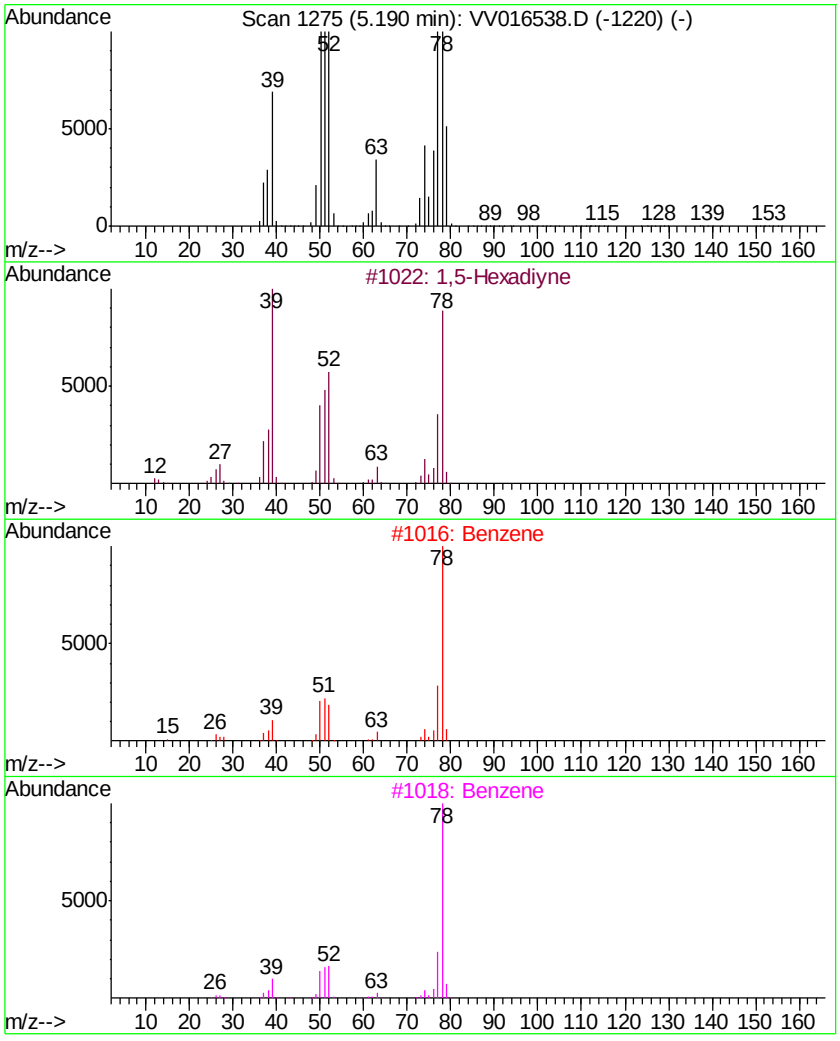
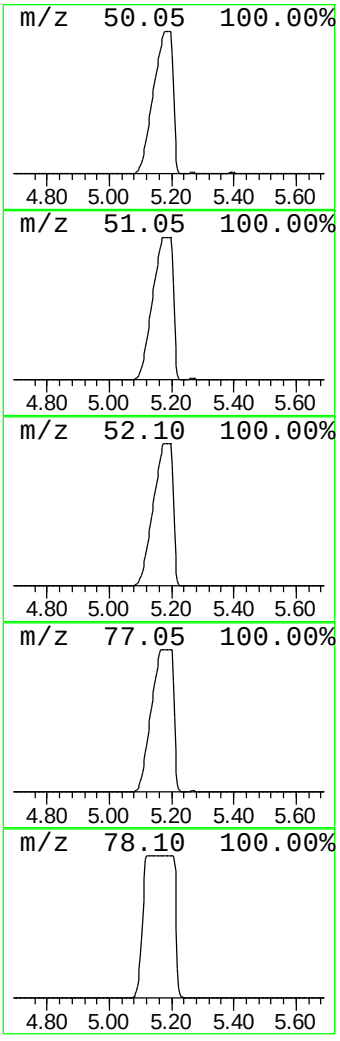
Peak Number 23 1,5-Hexadiyne Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	17713.60 ug/L	369984000	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Hexadiyne	78	C6H6	000628-16-0	90
2	Benzene	78	C6H6	000071-43-2	74
3	Benzene	78	C6H6	000071-43-2	72
4	Benzene	78	C6H6	000071-43-2	64
5	Benzene	78	C6H6	000071-43-2	64





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Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

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

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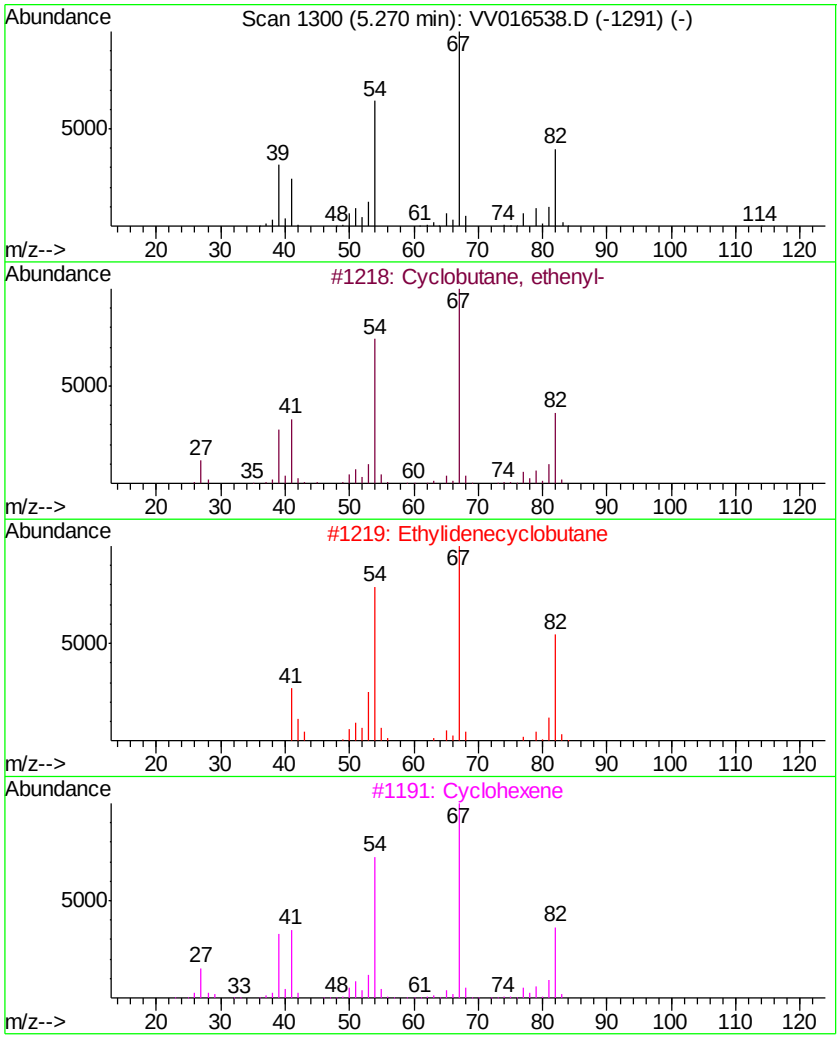
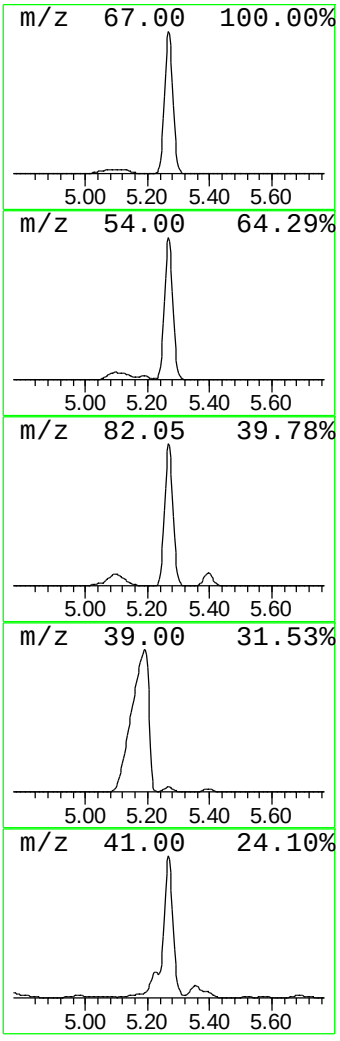
Peak Number 24 Cyclobutane, ethenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.27	205.23 ug/L	4286610	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	90
2	Ethylidenecyclobutane	82	C6H10	001528-21-8	90
3	Cyclohexene	82	C6H10	000110-83-8	90
4	Cyclohexene	82	C6H10	000110-83-8	80
5	C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	76





Library Search Compound Report

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Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

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

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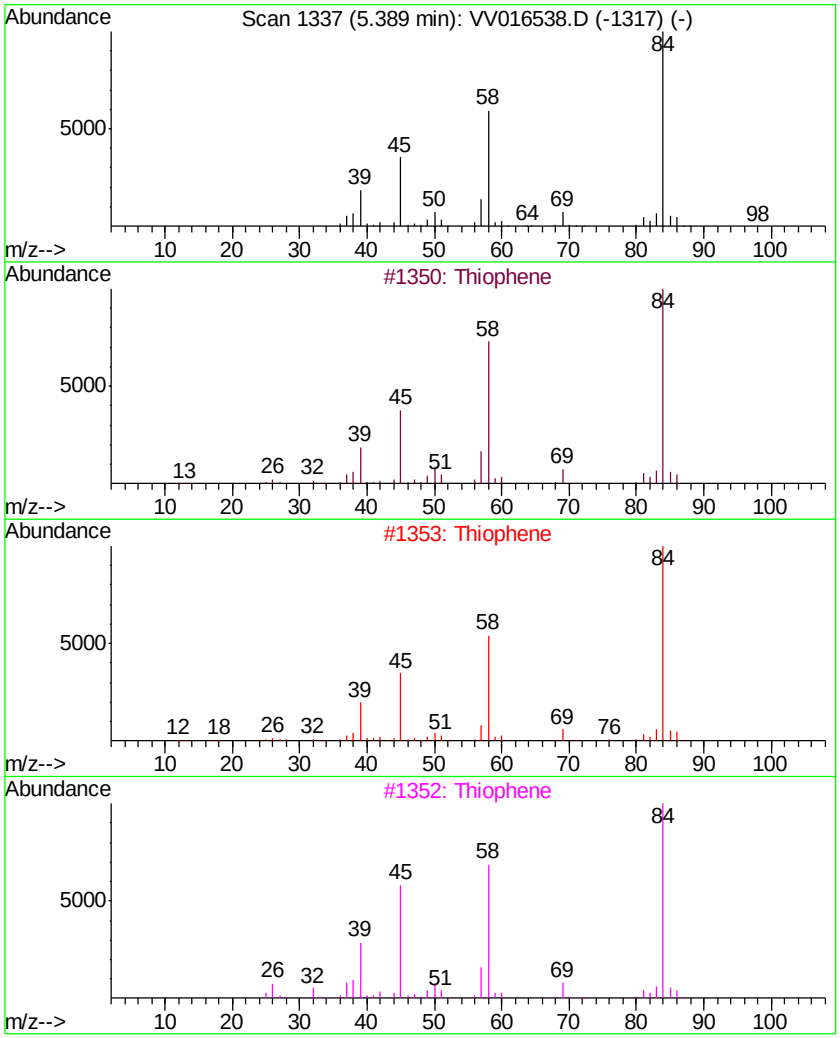
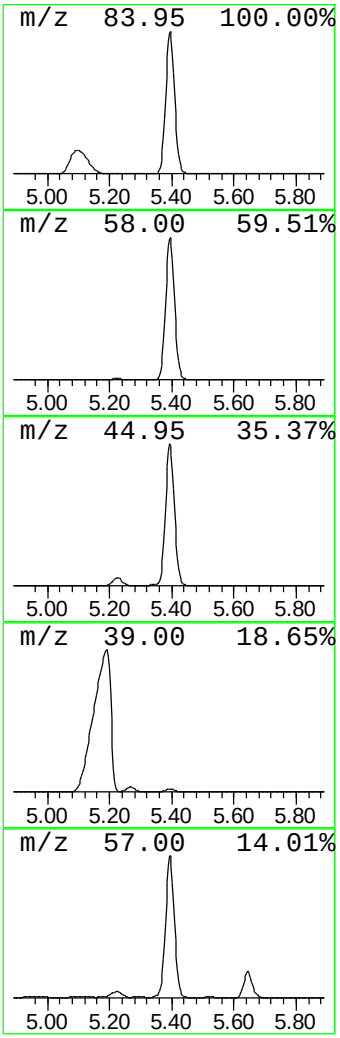
Peak Number 25 Thiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	215.82 ug/L	4507850	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene	84	C4H4S	000110-02-1	97
2	Thiophene	84	C4H4S	000110-02-1	95
3	Thiophene	84	C4H4S	000110-02-1	91
4	Thiophene	84	C4H4S	000110-02-1	91
5	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	37





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Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

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

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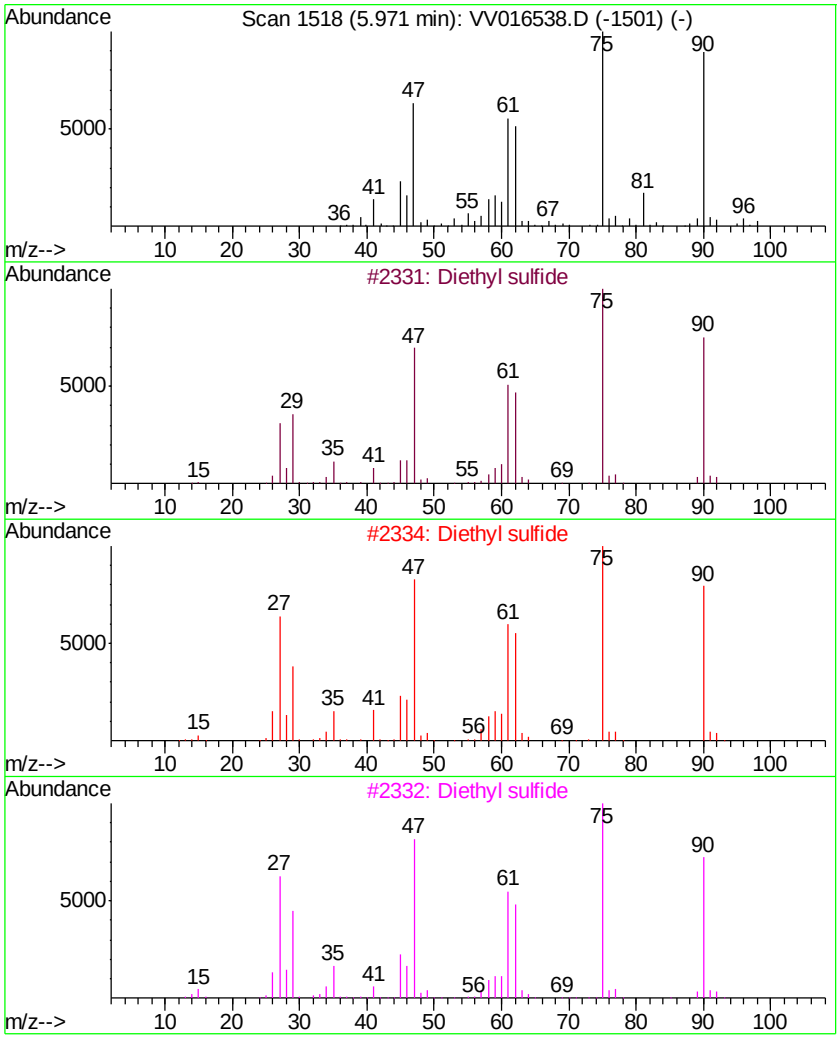
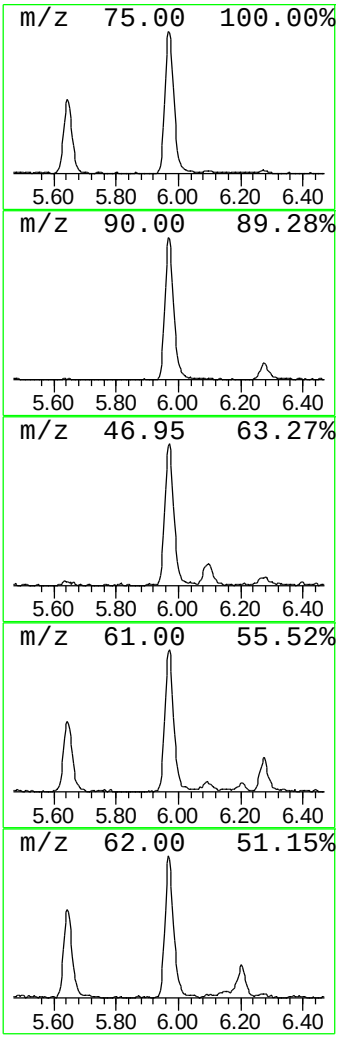
Peak Number 26 Diethyl sulfide Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	13.49 ug/L	281839	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl sulfide	90	C4H10S	000352-93-2	96
2	Diethyl sulfide	90	C4H10S	000352-93-2	95
3	Diethyl sulfide	90	C4H10S	000352-93-2	94
4	Diethyl sulfide	90	C4H10S	000352-93-2	94
5	Phosphine, diethyl-	90	C4H11P	000627-49-6	45





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Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

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

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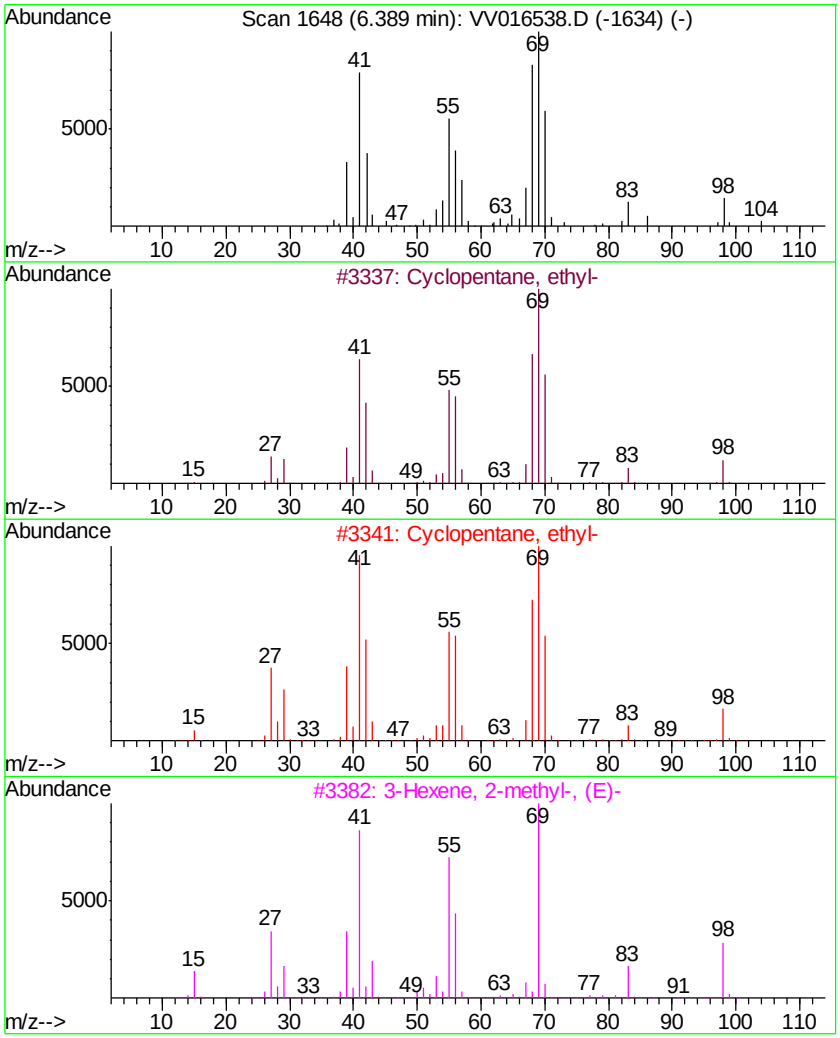
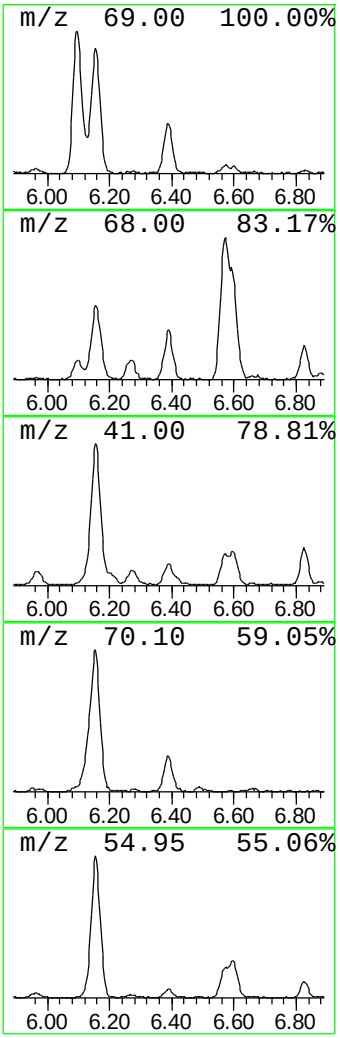
Peak Number 27 (DEL) Alkane: Cyclic6.39 Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	4.40 ug/L	91954	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	93
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	72
3	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	43
4	(R)-(+)-3-Methylcyclopentanone	98	C6H10O	006672-30-6	38
5	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	38





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Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

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

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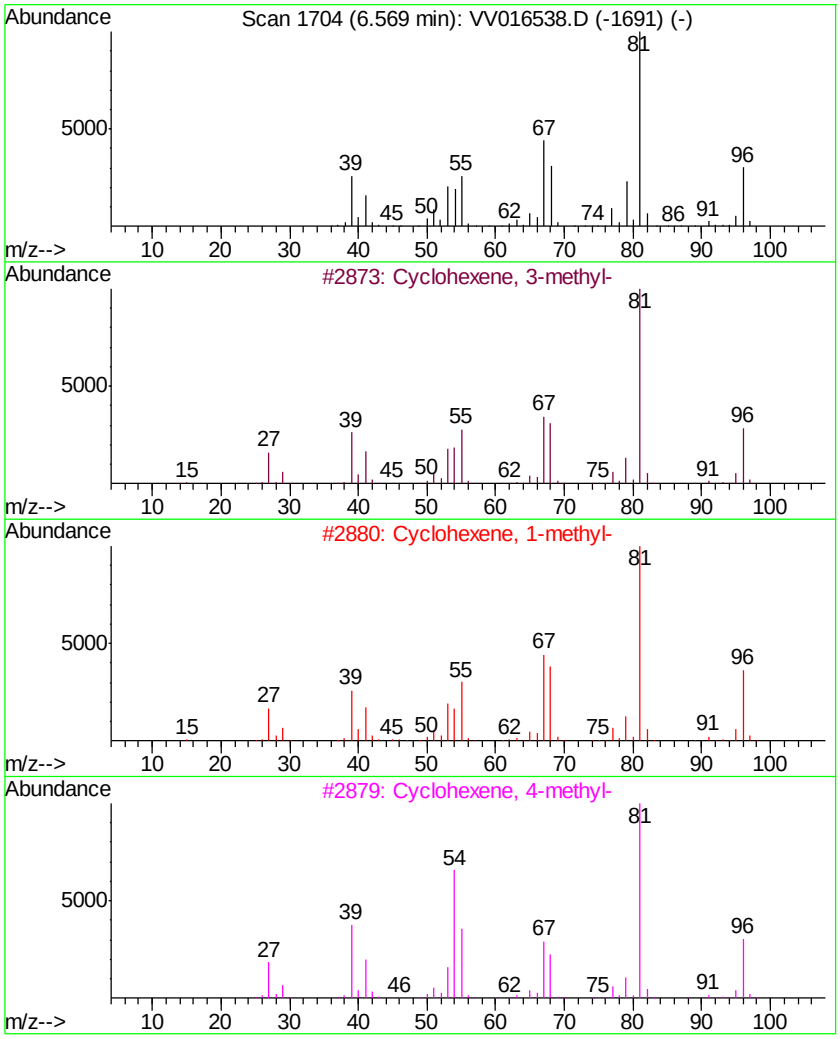
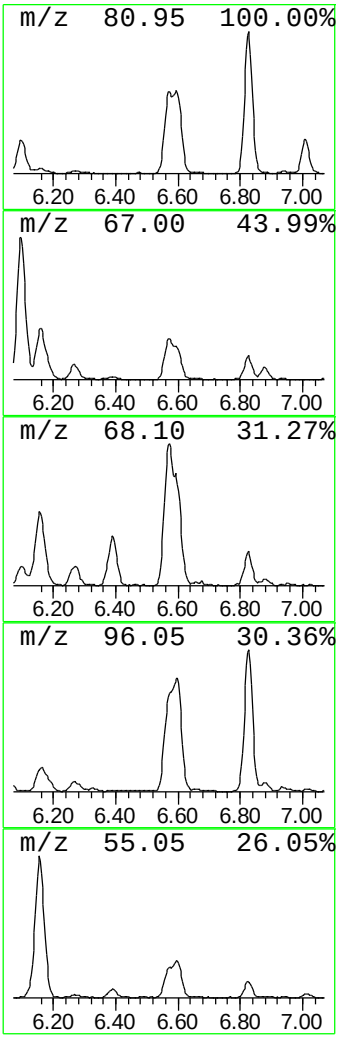
Peak Number 28 Cyclohexene, 3-methyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	17.43 ug/L	363973	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	95
2	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	93
3	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	87
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	87
5	2-Heptyne	96	C7H12	001119-65-9	81





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Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

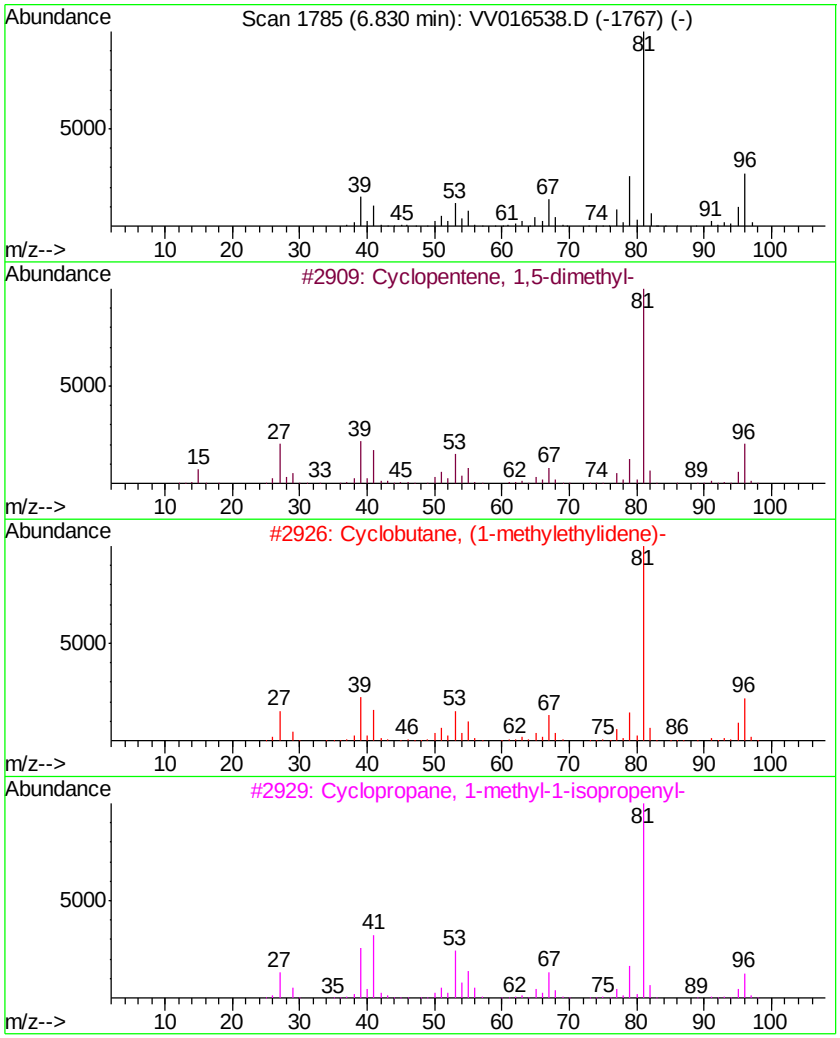
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

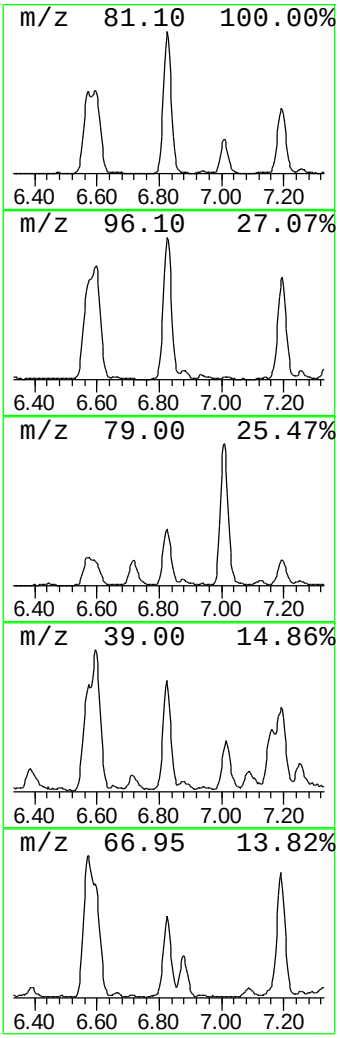
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Cyclopentene, 1,5-dimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	21.74 ug/L	454119	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	90
2	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	87
3	Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	86
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	72
5	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	72





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Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

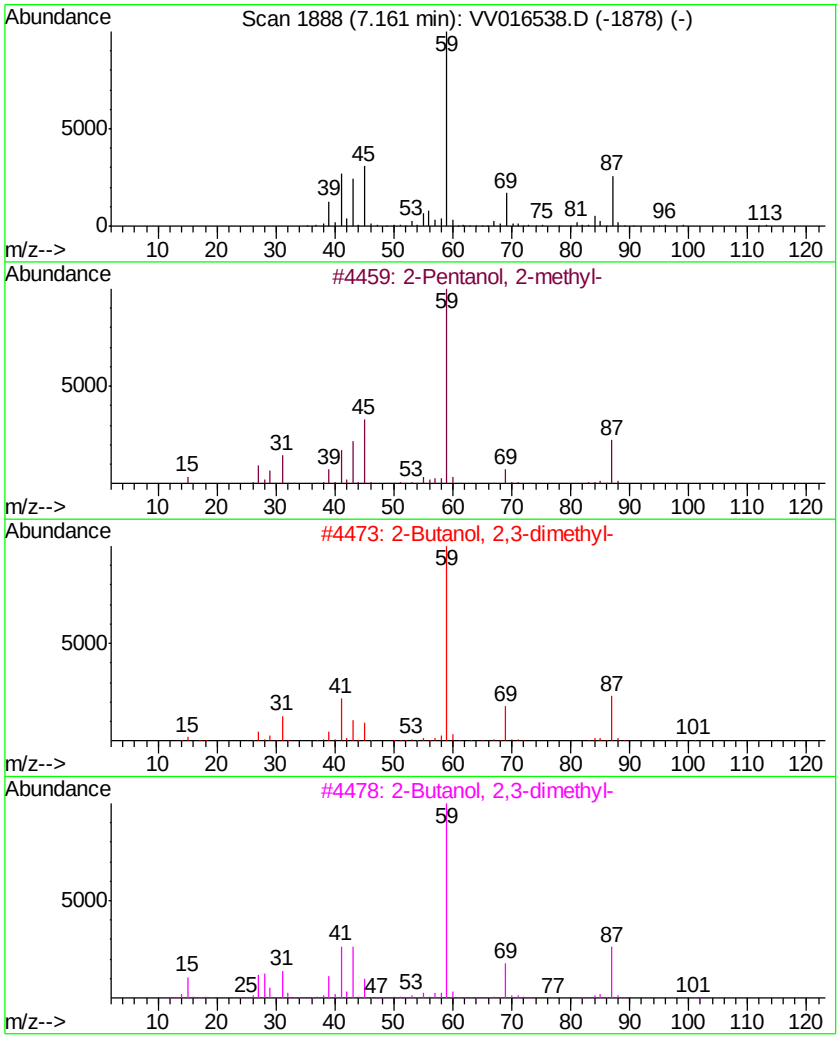
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

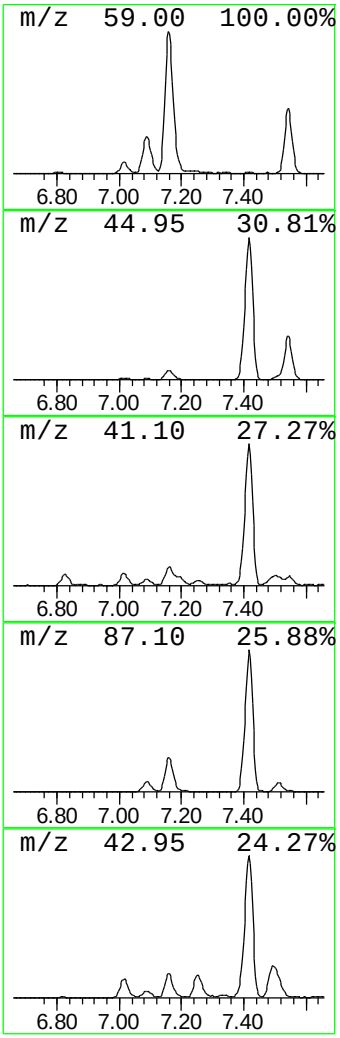
****

Peak Number 31 2-Pentanol, 2-methyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	12.90 ug/L	269428	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	78
2	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	72
3	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	72
4	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	72
5	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	64





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Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

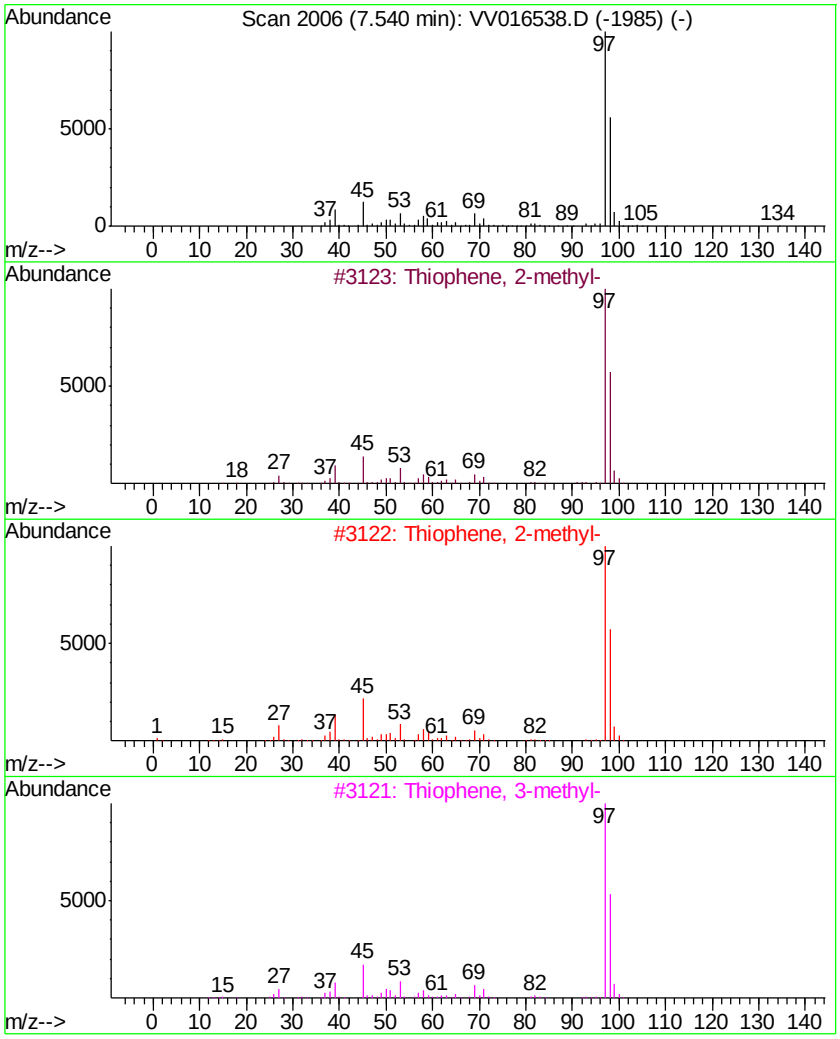
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

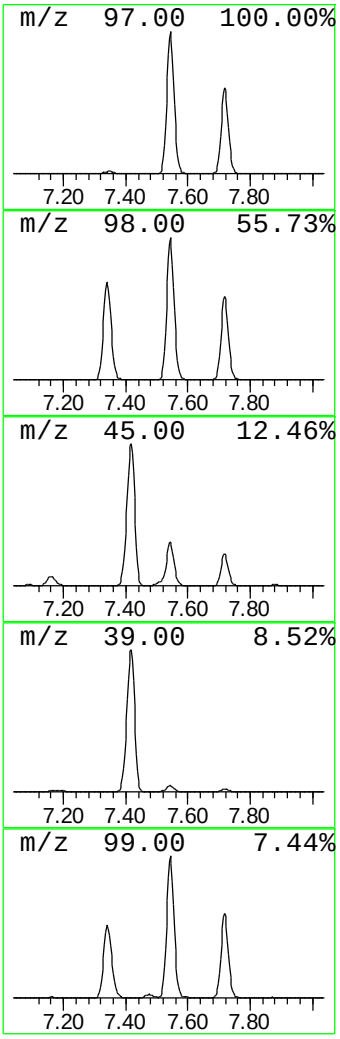
****

Peak Number 32 Thiophene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	143.75 ug/L	3138560	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	95
2	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	91
3	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91
4	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	91
5	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91





Library Search Compound Report

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Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

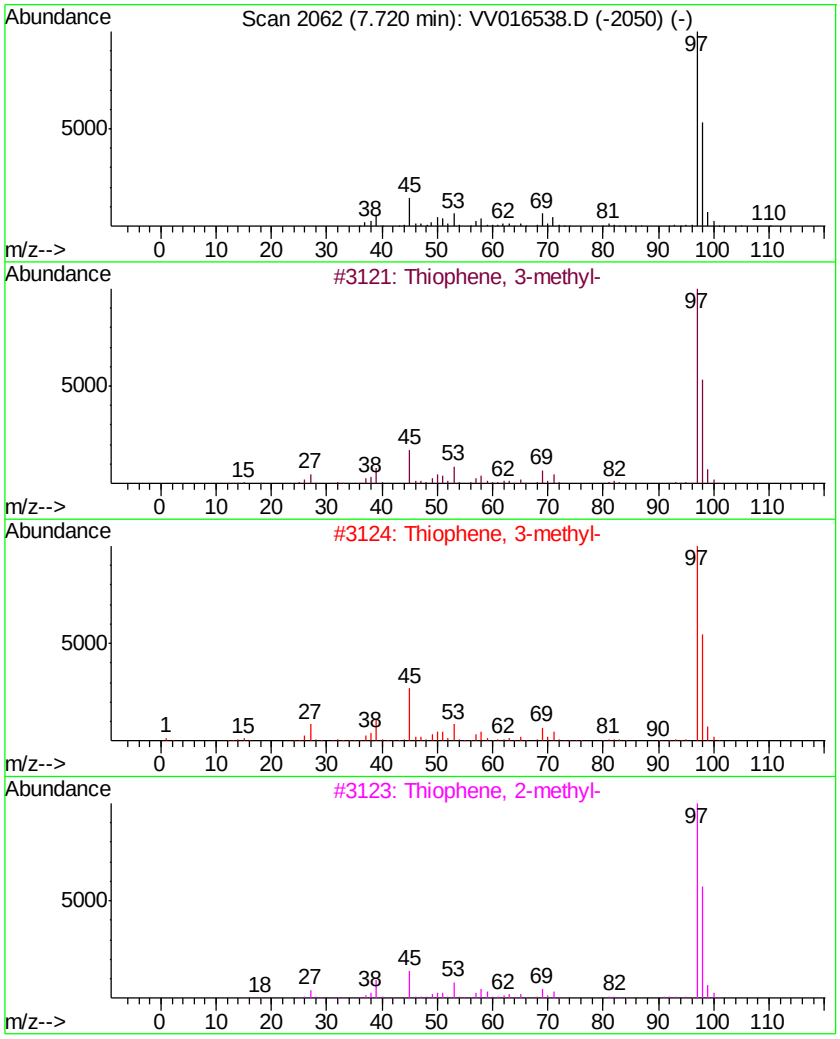
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

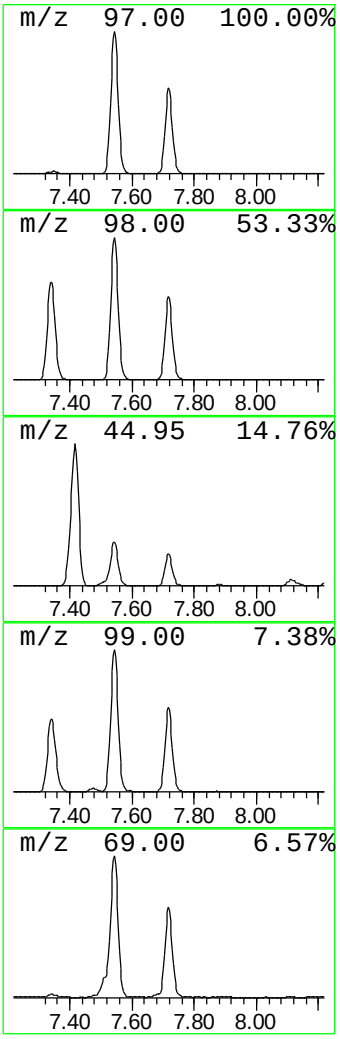
****

Peak Number 33 Thiophene, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	71.81 ug/L	1567990	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	95
2	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	94
3	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	93
4	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91
5	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	91





Library Search Compound Report

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Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

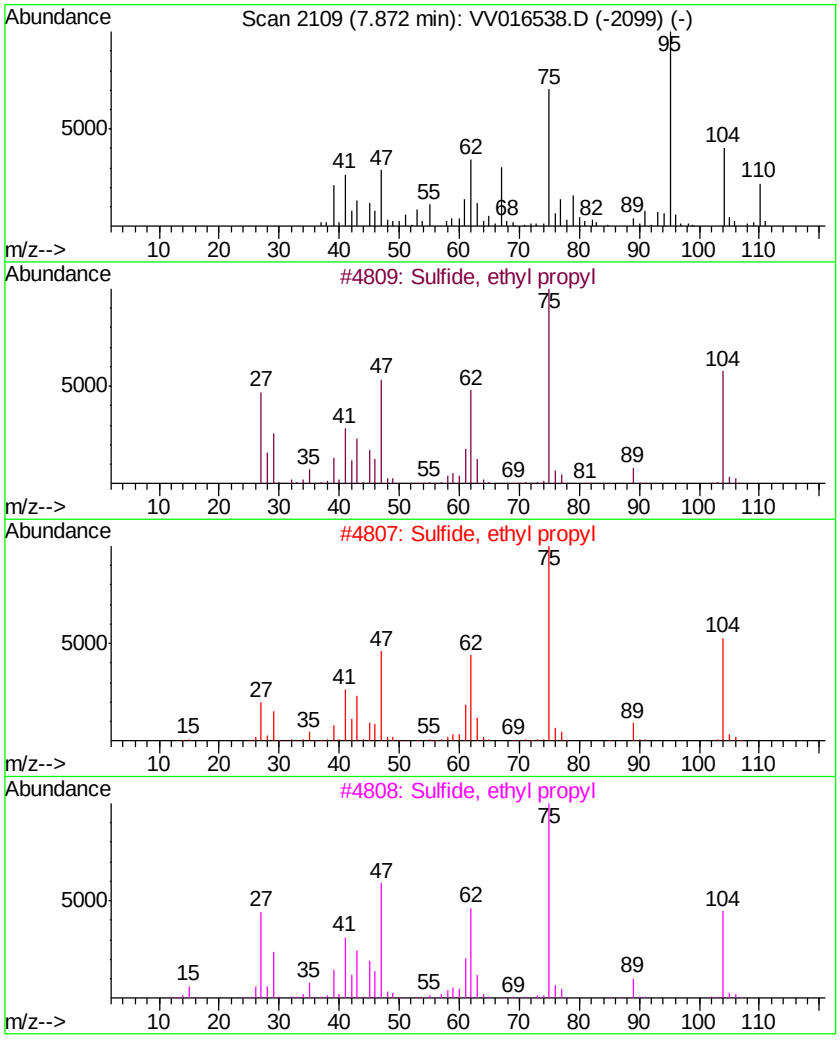
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

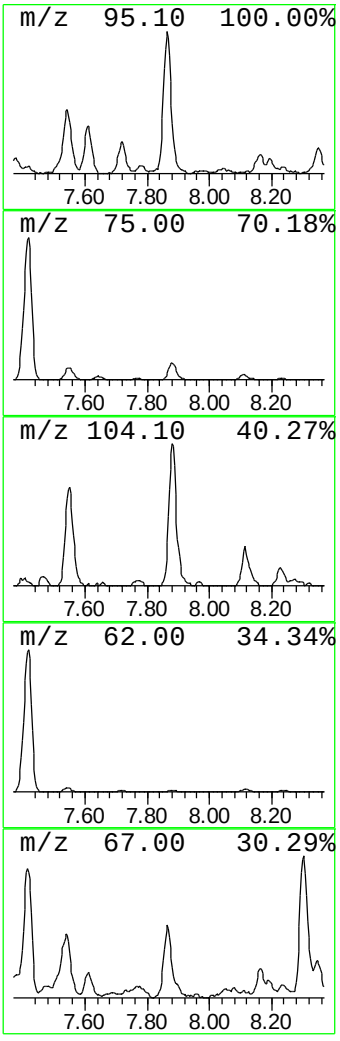
****

Peak Number 34 Sulfide, ethyl propyl Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	7.94 ug/L	173307	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfide, ethyl propyl	104	C5H12S	004110-50-3	95
2	Sulfide, ethyl propyl	104	C5H12S	004110-50-3	89
3	Sulfide, ethyl propyl	104	C5H12S	004110-50-3	83
4	Ethanethiol	62	C2H6S	000075-08-1	38
5	Ethanethiol	62	C2H6S	000075-08-1	38





Library Search Compound Report

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Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

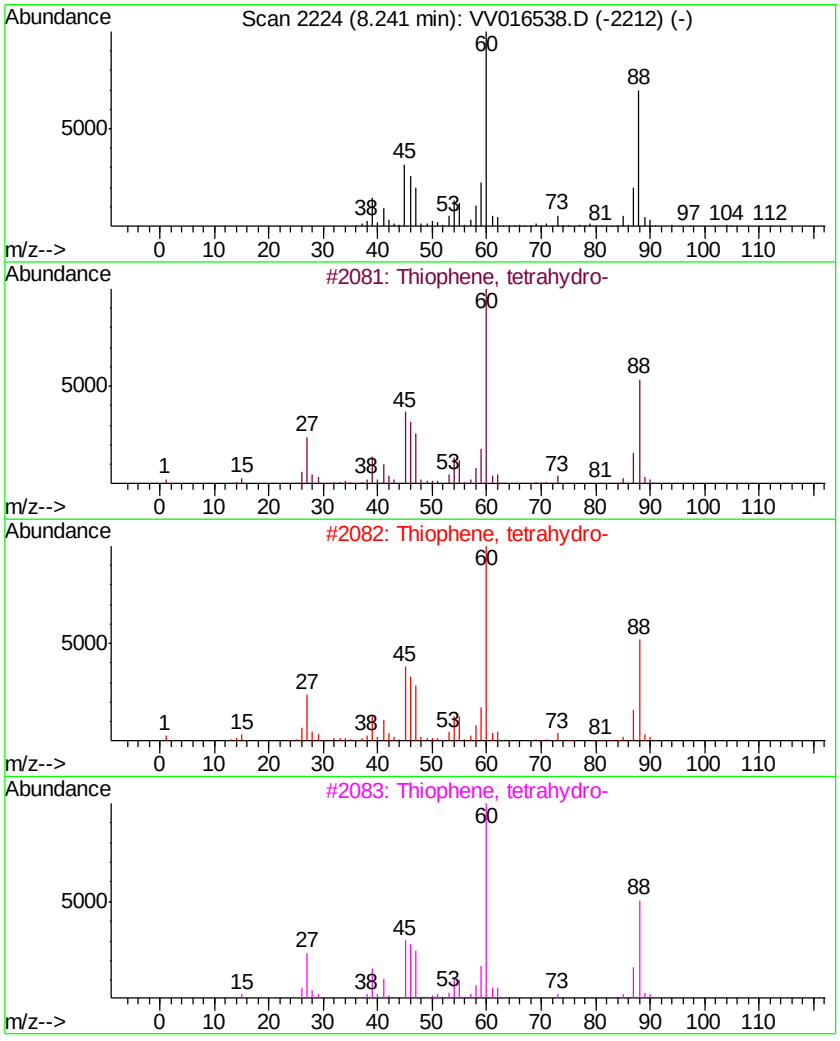
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

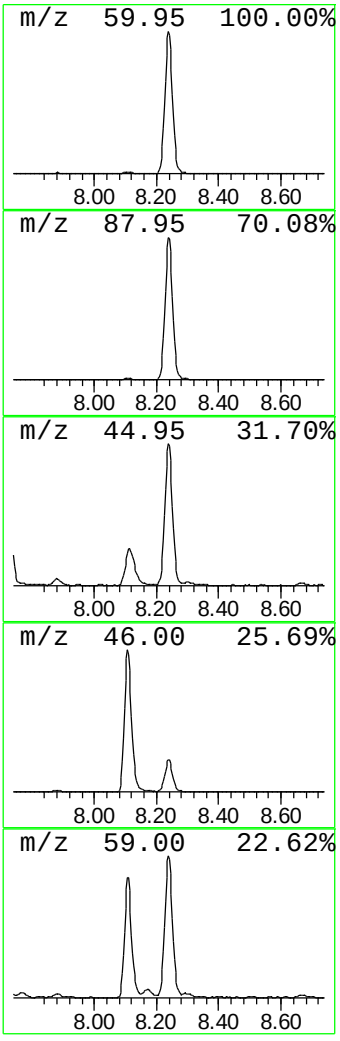
****

Peak Number 35 Thiophene, tetrahydro- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	43.03 ug/L	939606	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	97
2	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	96
3	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	94
4	Thietane, 2-methyl-	88	C4H8S	017837-41-1	74
5	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	50





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Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

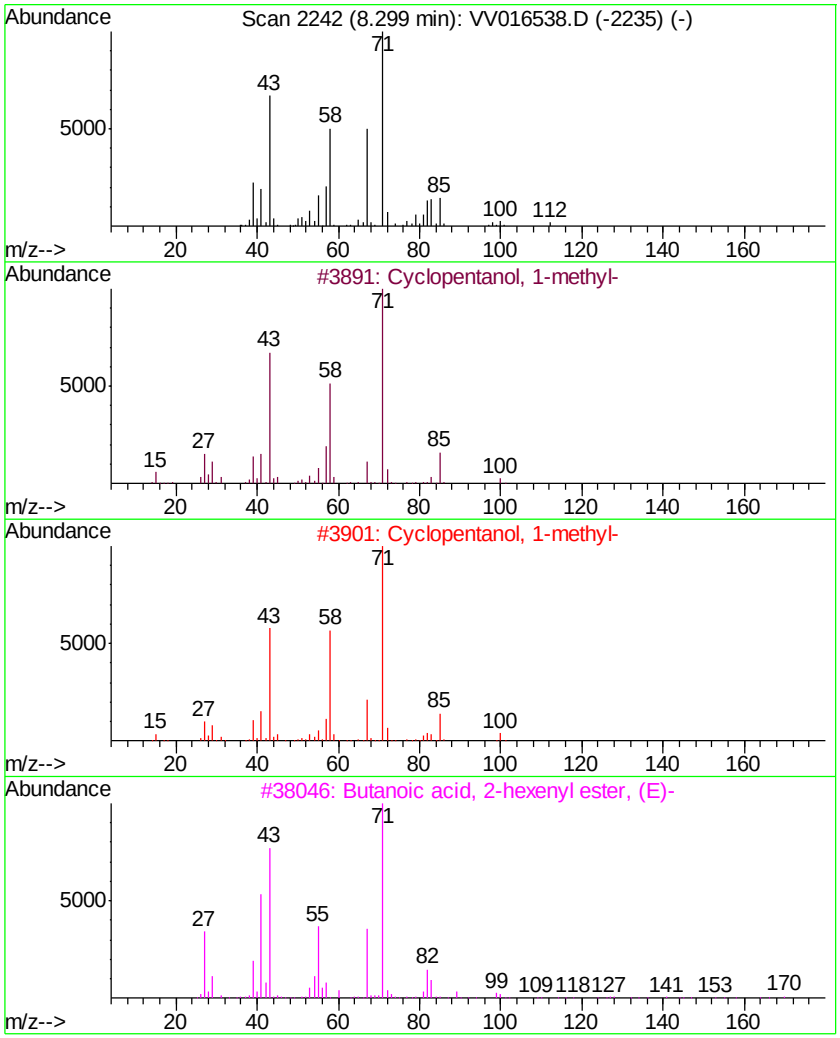
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

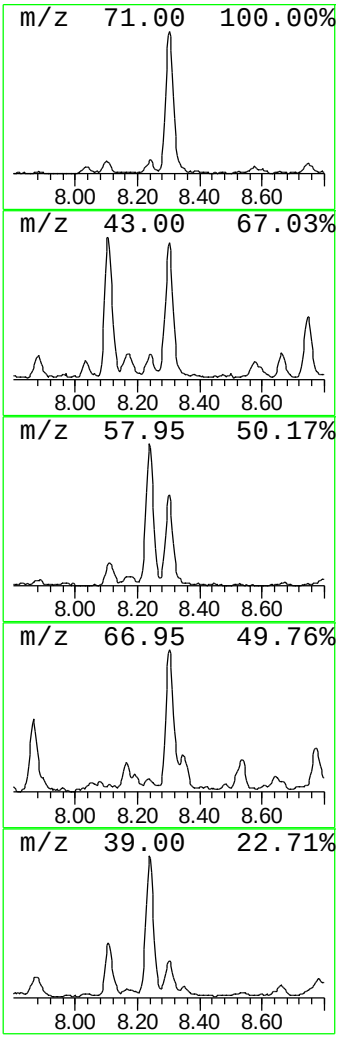
****

Peak Number 36 Cyclopentanol, 1-methyl- Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	7.67 ug/L	167359	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	68
2	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	64
3	Butanoic acid, 2-hexenyl ester, ...	170	C10H18O2	053398-83-7	53
4	1,5,7-Octatrien-3-ol, 3,7-dimethyl-	152	C10H16O	029957-43-5	43
5	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	37





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Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

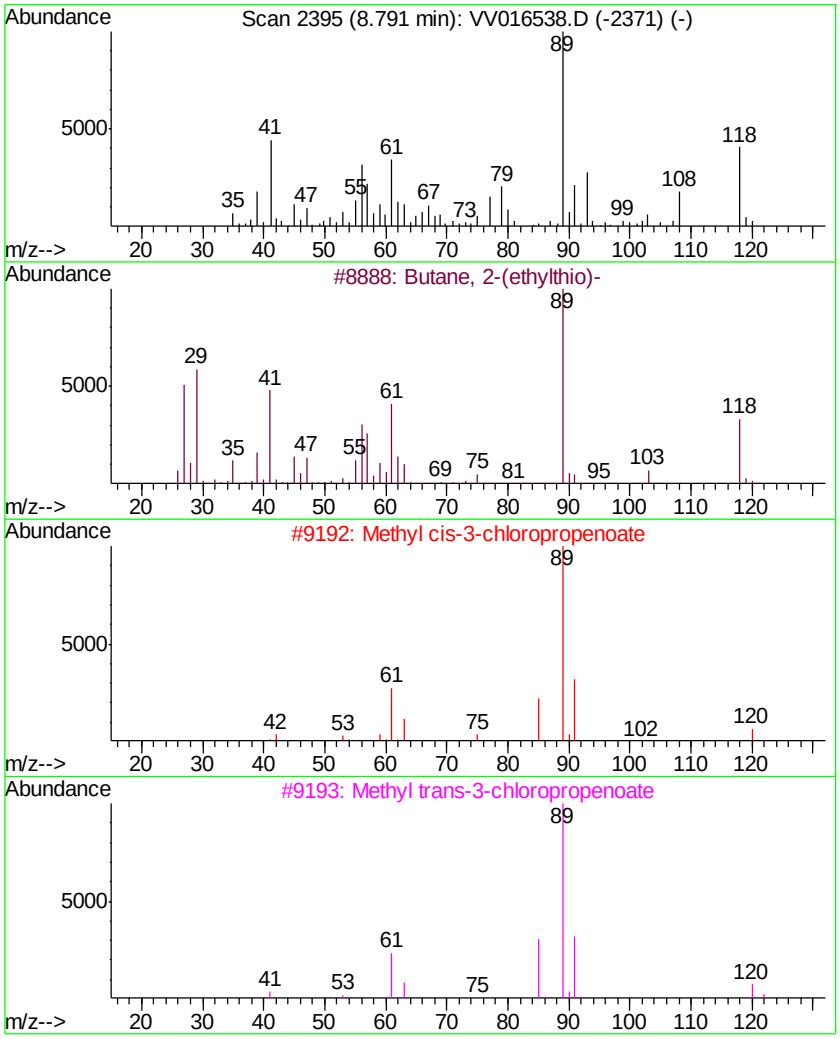
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

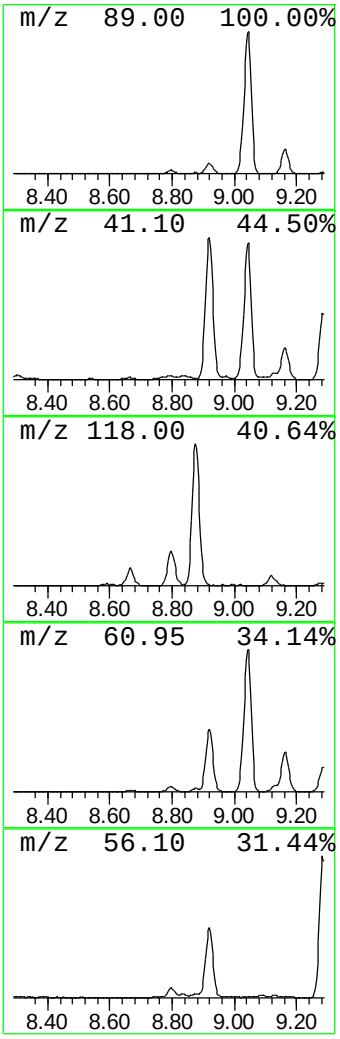
****

Peak Number 37 Butane, 2-(ethylthio)- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	8.18 ug/L	178521	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-(ethylthio)-	118	C6H14S	005008-72-0	90
2	Methyl cis-3-chloropropenoate	120	C4H5ClO2	1000144-78-7	53
3	Methyl trans-3-chloropropenoate	120	C4H5ClO2	1000144-78-8	42
4	Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	40
5	2,3-Dihydrothiophene 1,1-dioxide	118	C4H6O2S	001192-16-1	39





Library Search Compound Report

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Data File : VV016538.D
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Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

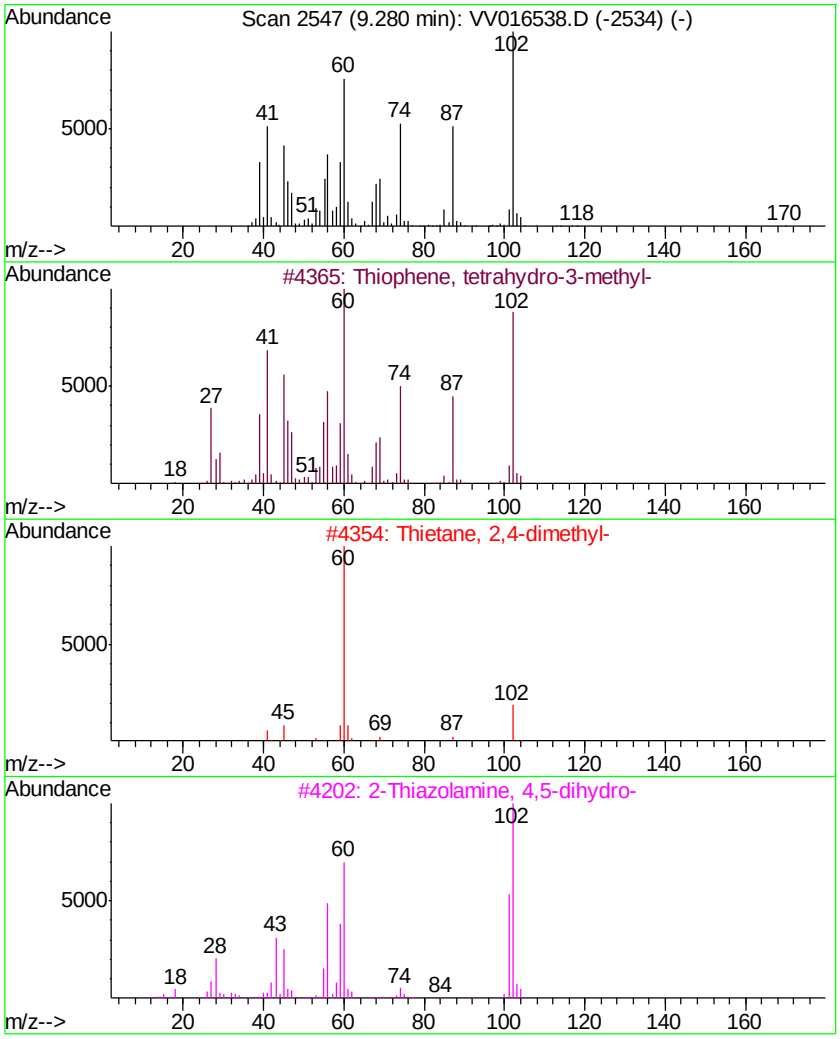
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

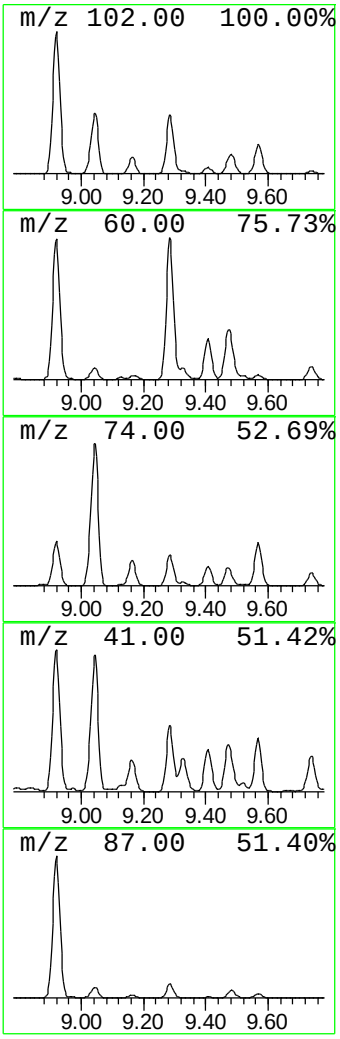
****

Peak Number 38 Thiophene, tetrahydro-3-met... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	77.13 ug/L	1683990	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-3-methyl-	102	C5H10S	004740-00-5	97
2	Thietane, 2,4-dimethyl-	102	C5H10S	043044-24-2	47
3	2-Thiazolamine, 4,5-dihydro-	102	C3H6N2S	001779-81-3	46
4	Thiophene, tetrahydro-2-methyl-	102	C5H10S	001795-09-1	43
5	1-Butene, 1-(methylthio)-, (Z)-	102	C5H10S	017414-15-2	41





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Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

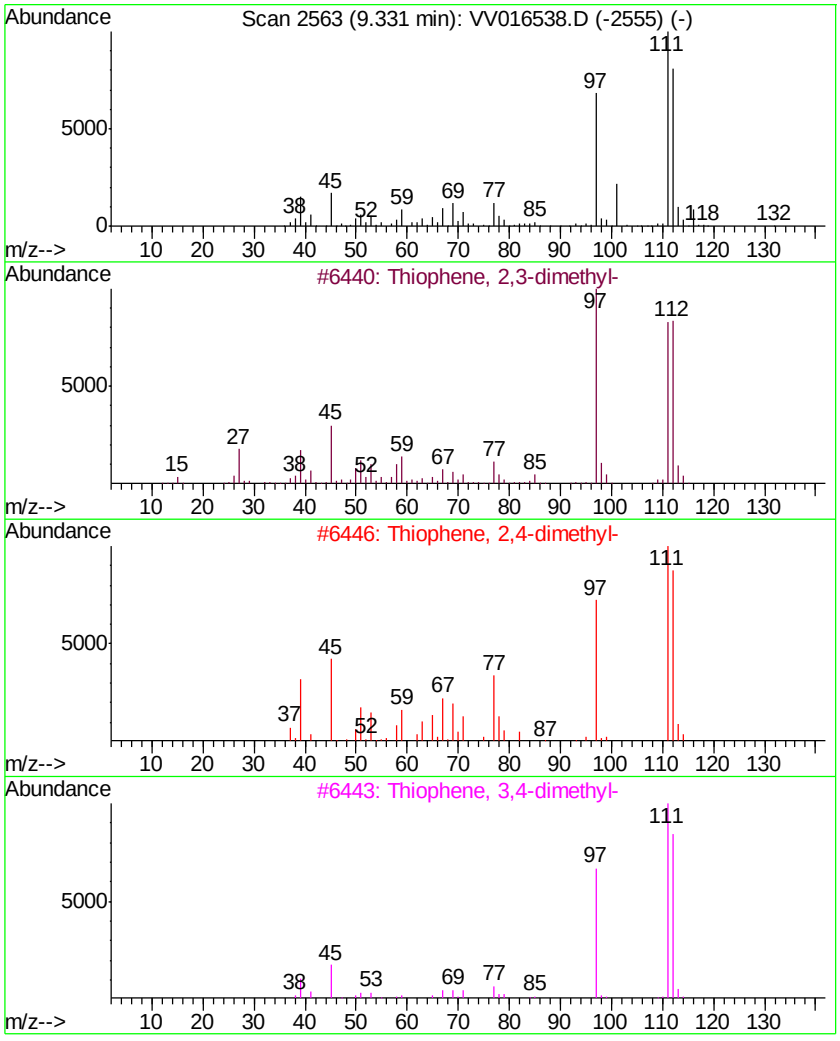
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

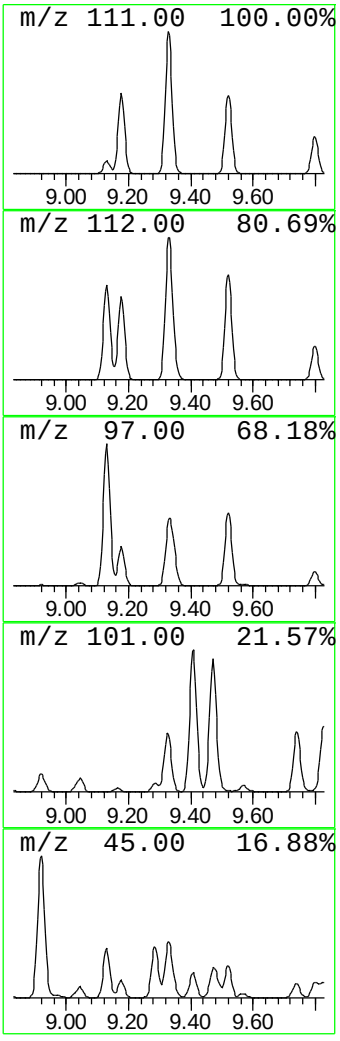
****

Peak Number 39 Thiophene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	125.60 ug/L	2742250	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2,3-dimethyl-	112	C6H8S	000632-16-6	81
2	Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	81
3	Thiophene, 3,4-dimethyl-	112	C6H8S	000632-15-5	81
4	Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	81
5	Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	74





Library Search Compound Report

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Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

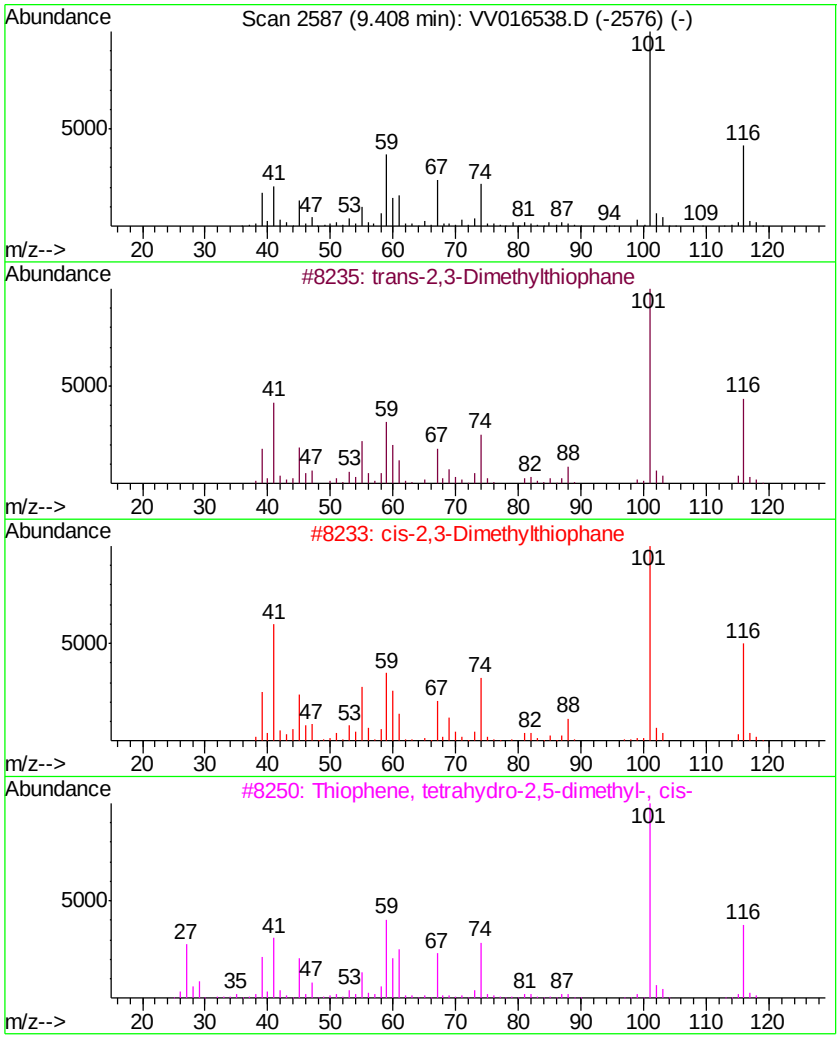
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

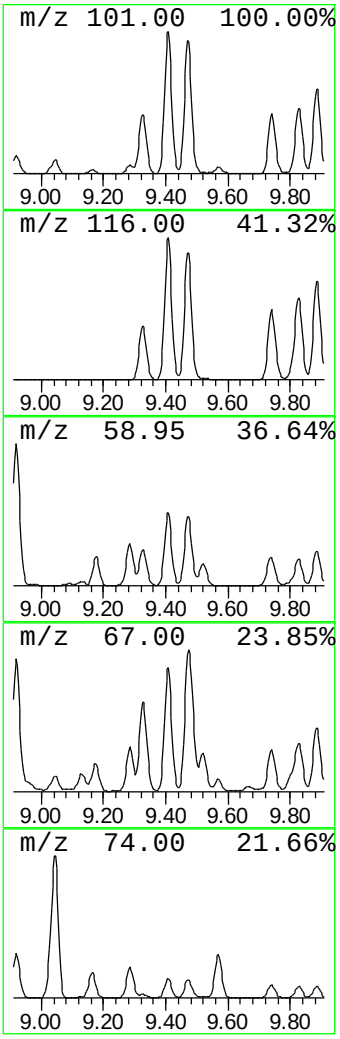
****

Peak Number 40 trans-2,3-Dimethylthiophane Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	61.69 ug/L	1346940	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	93
2	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	90
3	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	87
4	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	74
5	Thiazole, 4,5-dihydro-4-methyl-2...	116	C4H8N2S	010416-81-6	64





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Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

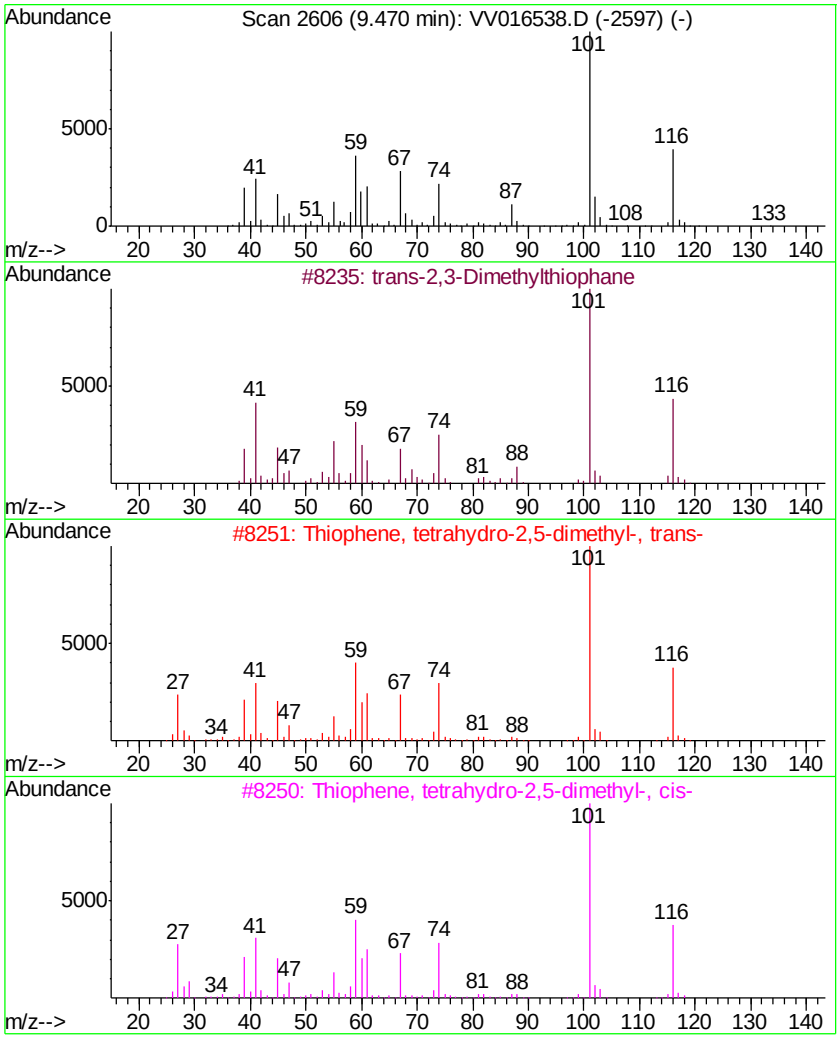
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

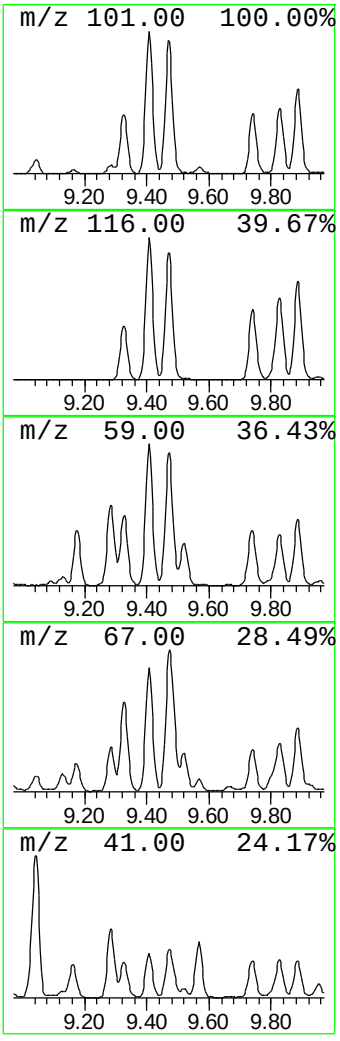
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 Thiophene, tetrahydro-2,5-d... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	75.73 ug/L	1653510	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	90
2	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	87
3	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	87
4	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	81
5	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	58





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

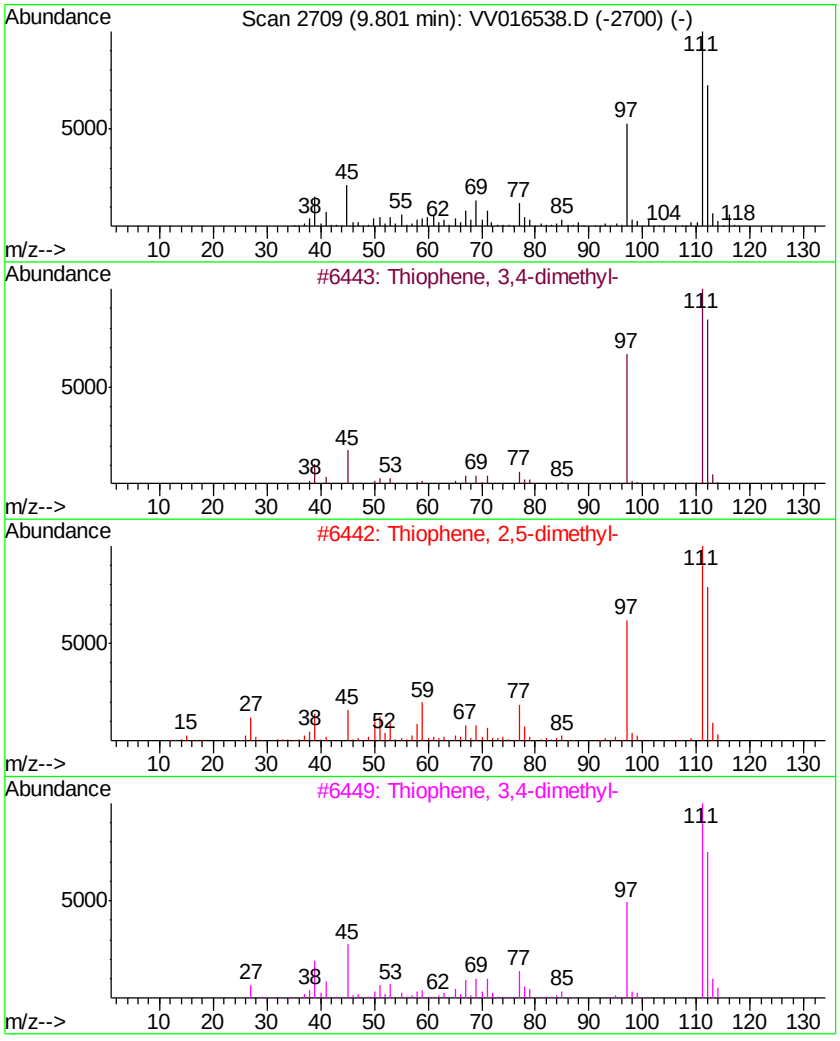
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

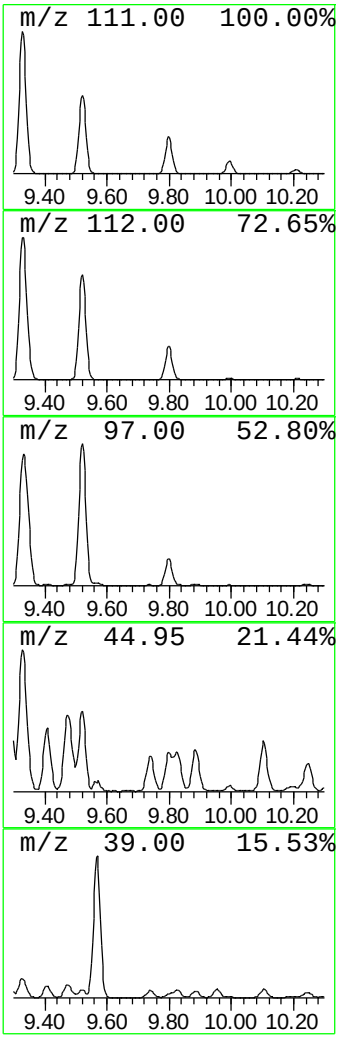
****

Peak Number 43 Thiophene, 3,4-dimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	19.68 ug/L	429681	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 3,4-dimethyl-	112	C6H8S	000632-15-5	78
2	Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	74
3	Thiophene, 3,4-dimethyl-	112	C6H8S	000632-15-5	72
4	Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	72
5	Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

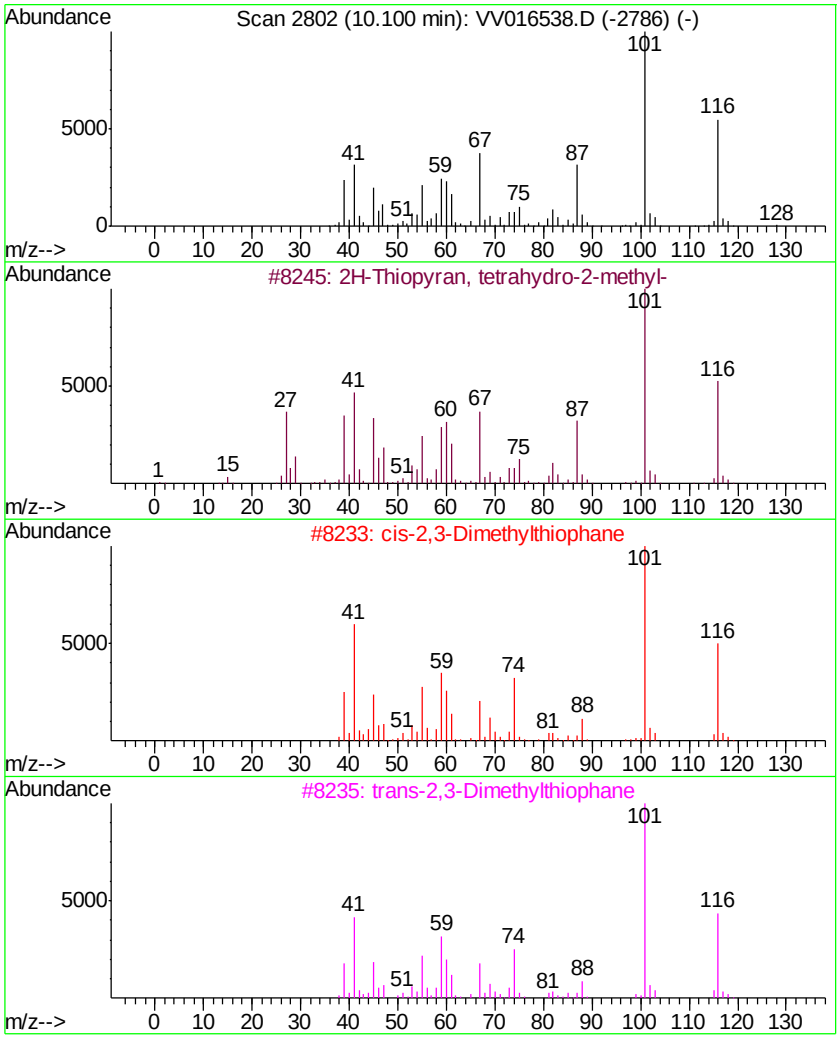
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

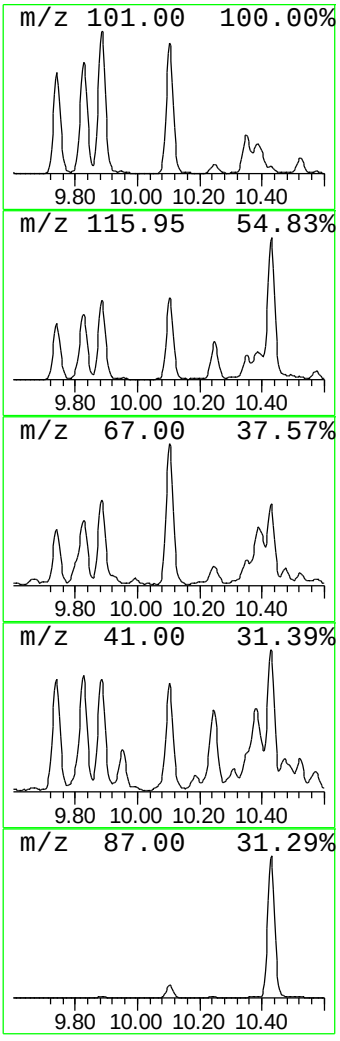
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 2H-Thiopyran, tetrahydro-2-... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	27.67 ug/L	1047340	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	95
2	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	87
3	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	81
4	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	45
5	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	45





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

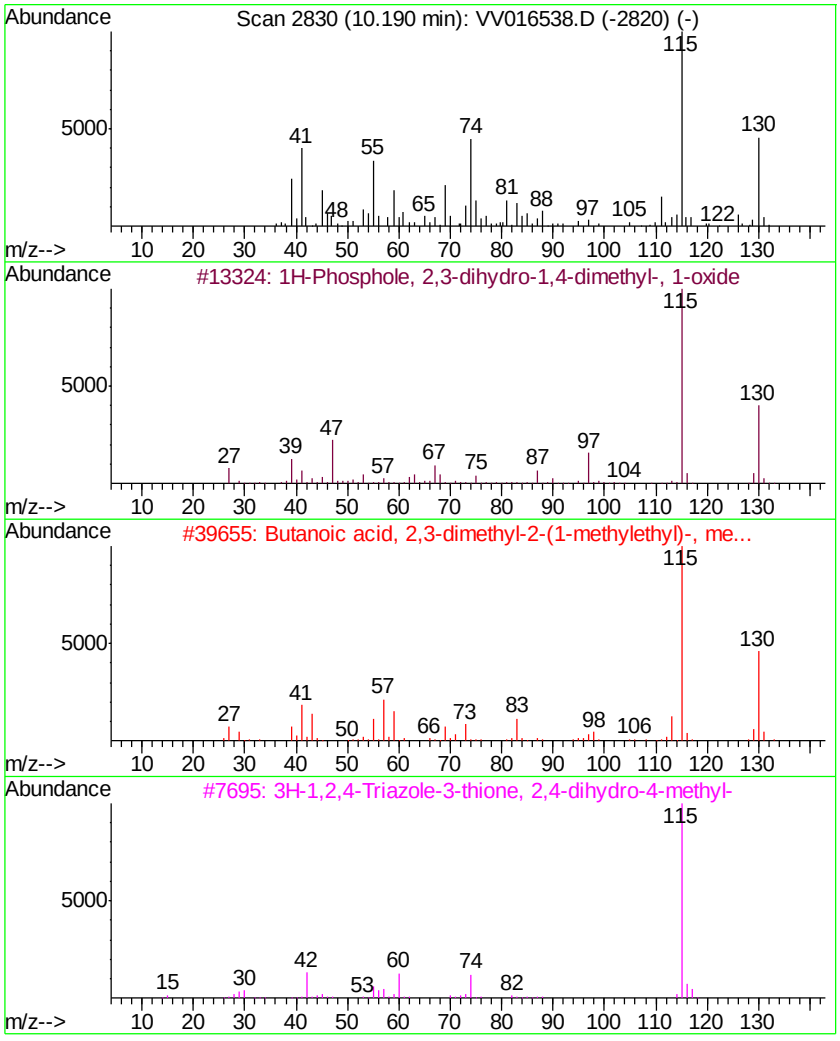
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

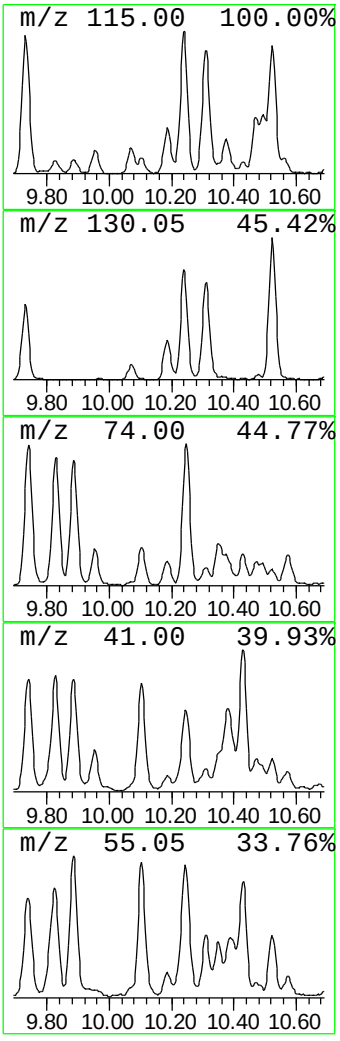
****

Peak Number 46 unknown-01 Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	2.76 ug/L	104638	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phosphole, 2,3-dihydro-1,4-di...	130	C6H11OP	015450-68-7	47
2	Butanoic acid, 2,3-dimethyl-2-(1...	172	C10H20O2	055519-33-0	42
3	3H-1,2,4-Triazole-3-thione, 2,4-...	115	C3H5N3S	024854-43-1	42
4	Butanedioyl dihydrazide	146	C4H10N4O2	004146-43-4	38
5	Butanedioyl dihydrazide	146	C4H10N4O2	004146-43-4	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

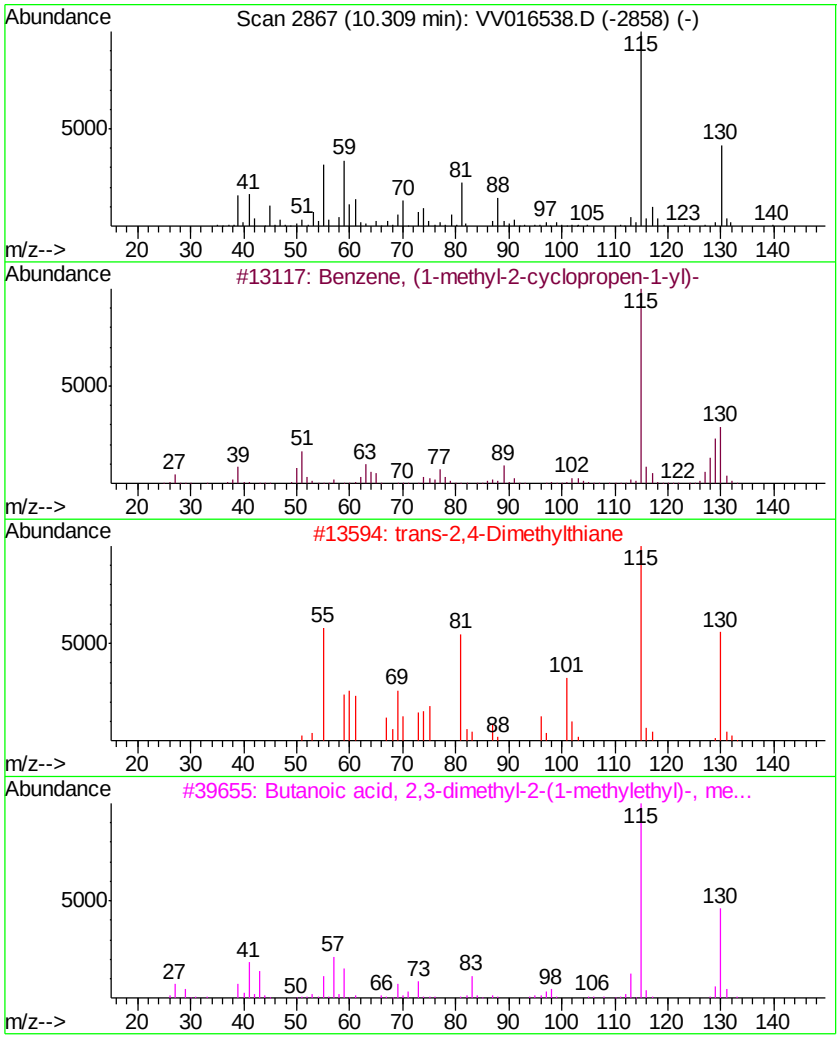
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

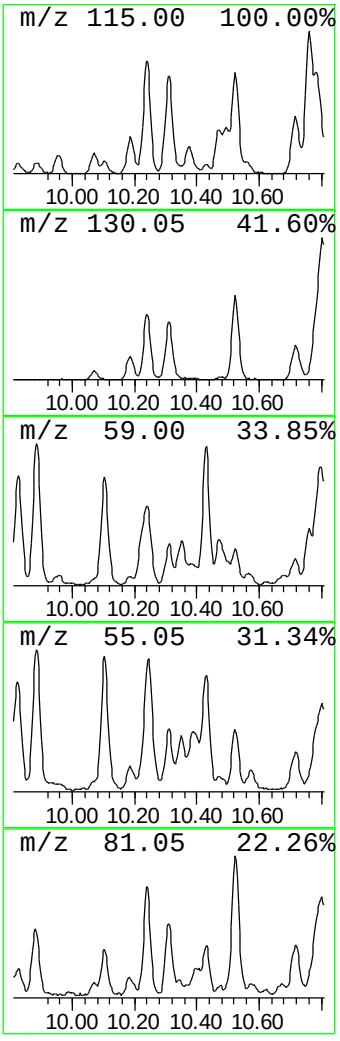
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 Benzene, (1-methyl-2-cyclop... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	5.19 ug/L	196294	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	50
2	trans-2,4-Dimethylthiane	130	C7H14S	061568-42-1	43
3	Butanoic acid, 2,3-dimethyl-2-(1...	172	C10H20O2	055519-33-0	36
4	4-(3,4-Dihydro-2H-quinolin-1-yl)...	247	C13H17N3O2	315673-61-1	35
5	Allyloxytrimethylsilane	130	C6H14OSi	018146-00-4	34





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

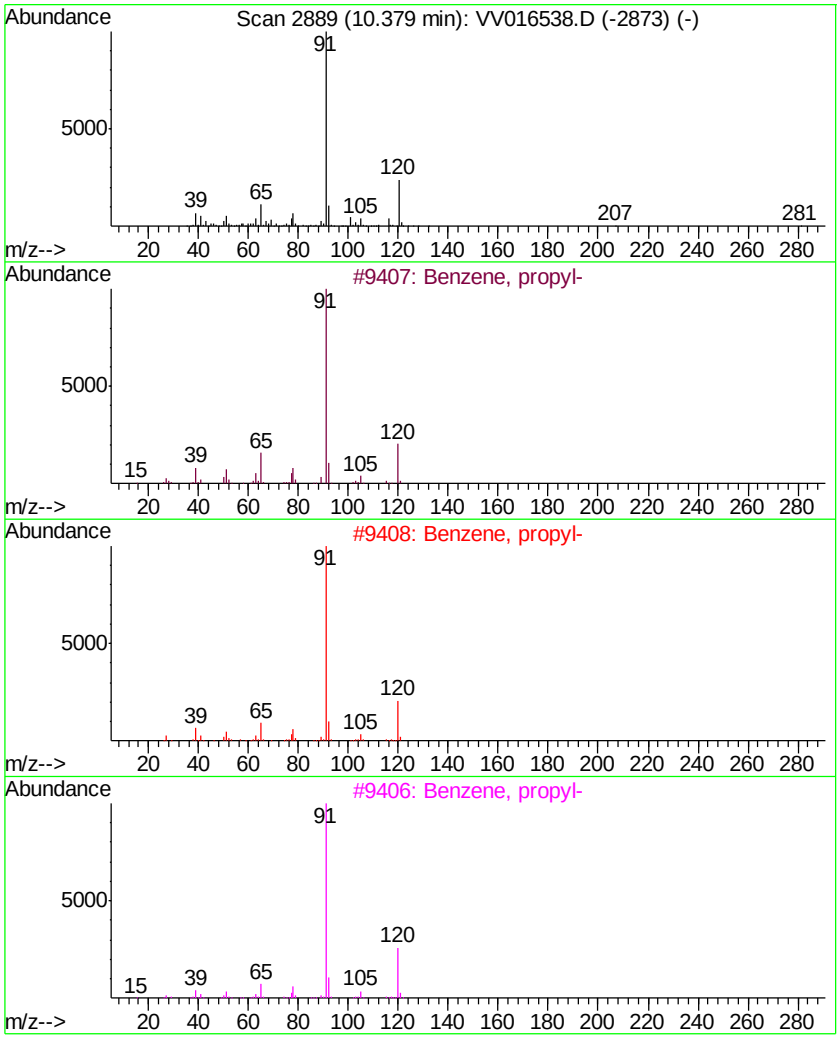
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

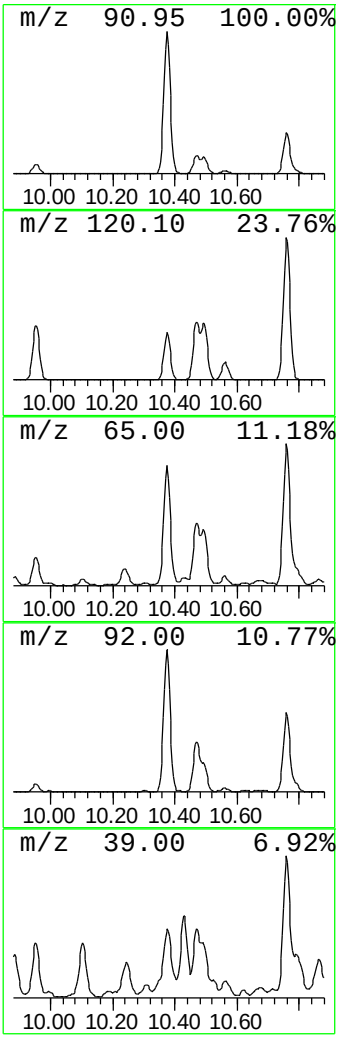
****

Peak Number 48 Benzene, propyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	51.92 ug/L	1965210	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	83
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

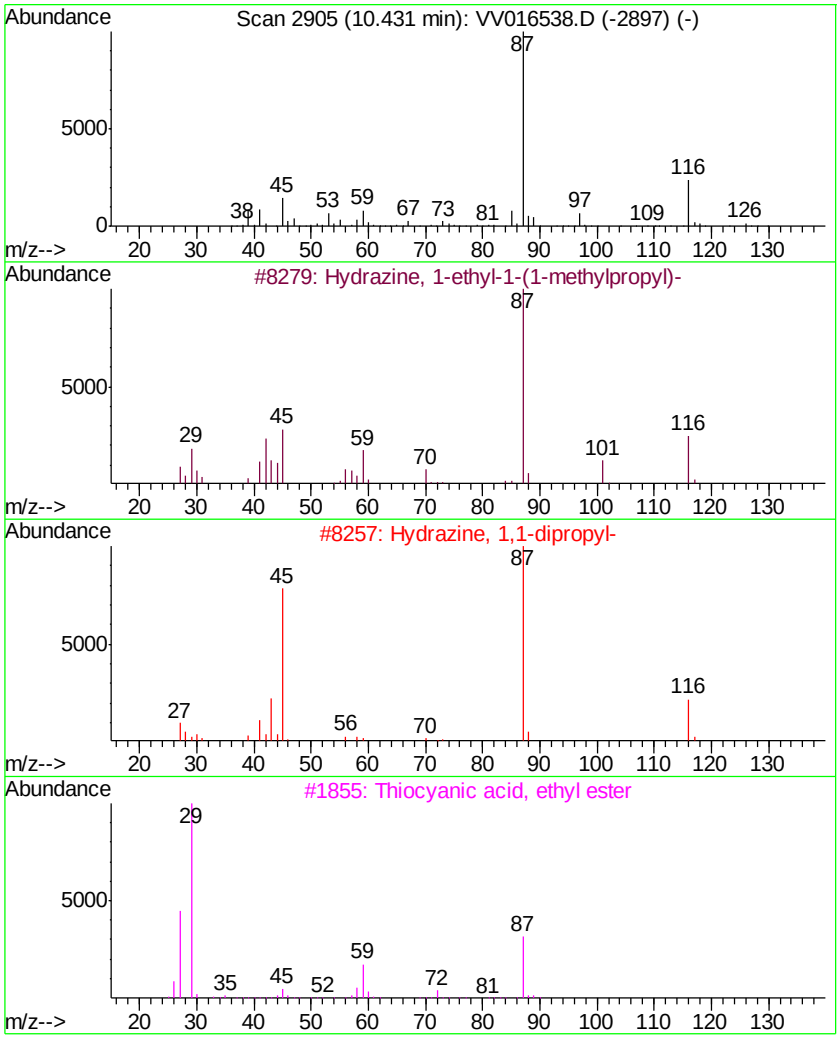
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

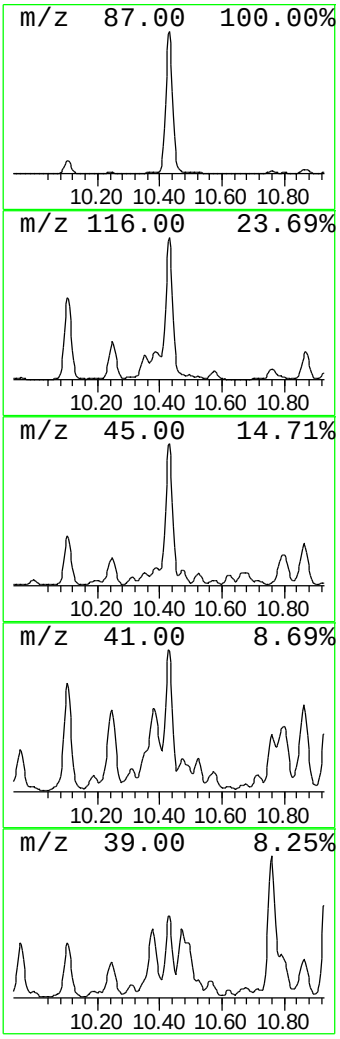
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 Hydrazine, 1-ethyl-1-(1-met... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	32.06 ug/L	1213570	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1-ethyl-1-(1-methylpr...	116	C6H16N2	020325-97-7	64
2	Hydrazine, 1,1-dipropyl-	116	C6H16N2	004986-50-9	59
3	Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	52
4	Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	50
5	Diazene, butyl[1-(2,2-dimethylhy...	172	C8H20N4	061940-95-2	36





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

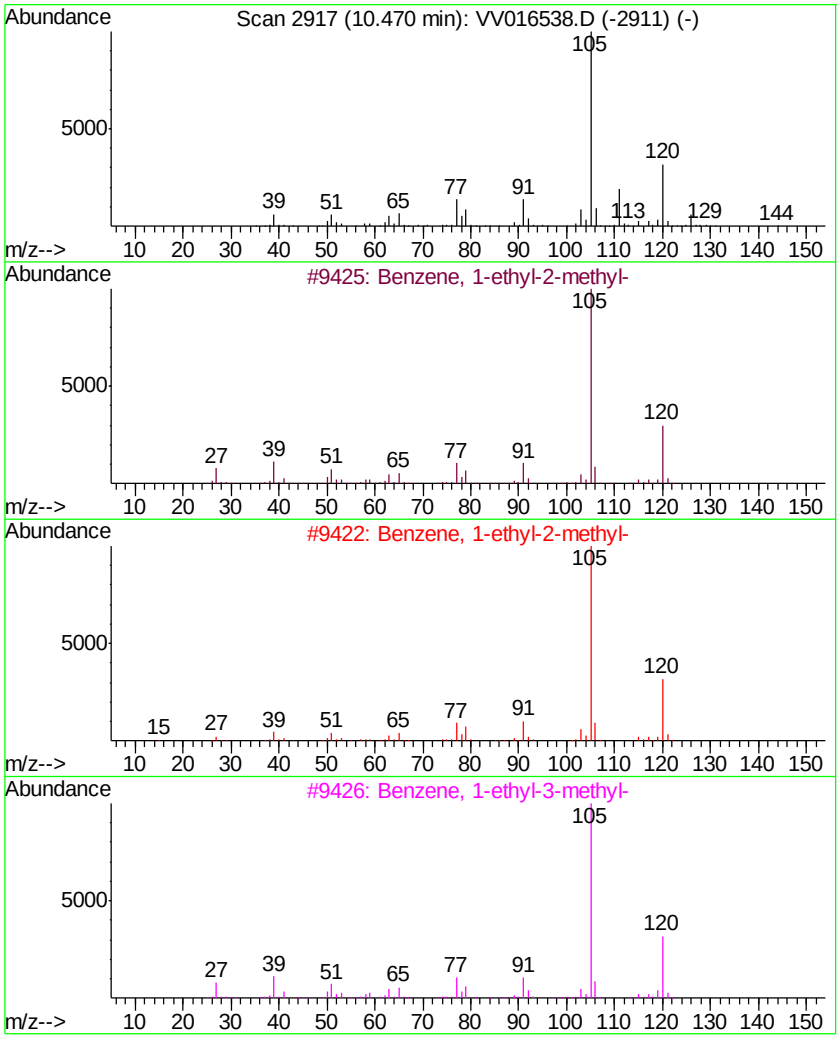
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

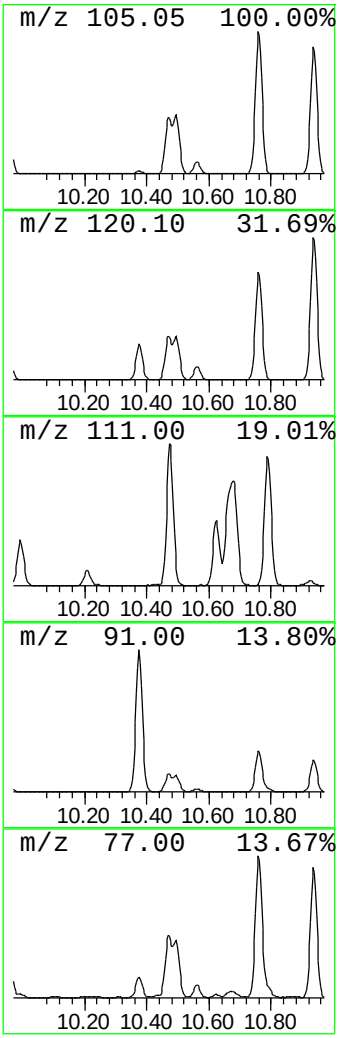
****

Peak Number 50 Benzene, 1-ethyl-2-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	34.33 ug/L	1299210	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
5	Mesitylene	120	C9H12	000108-67-8	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

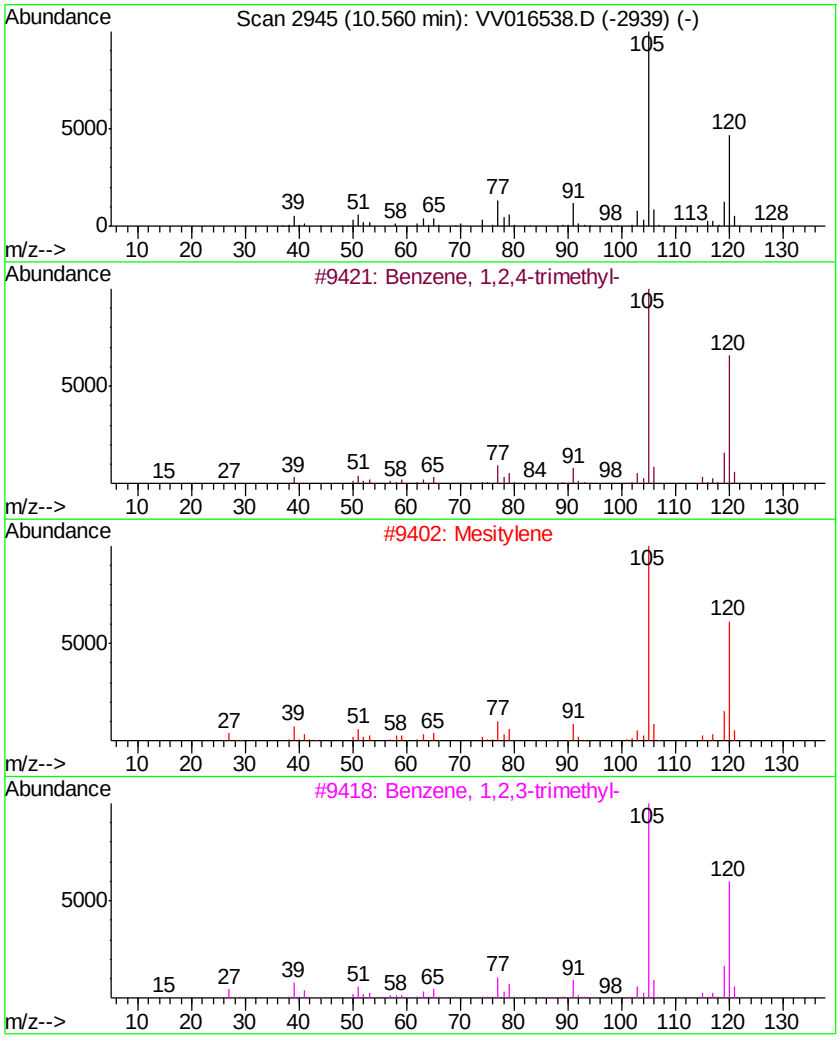
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

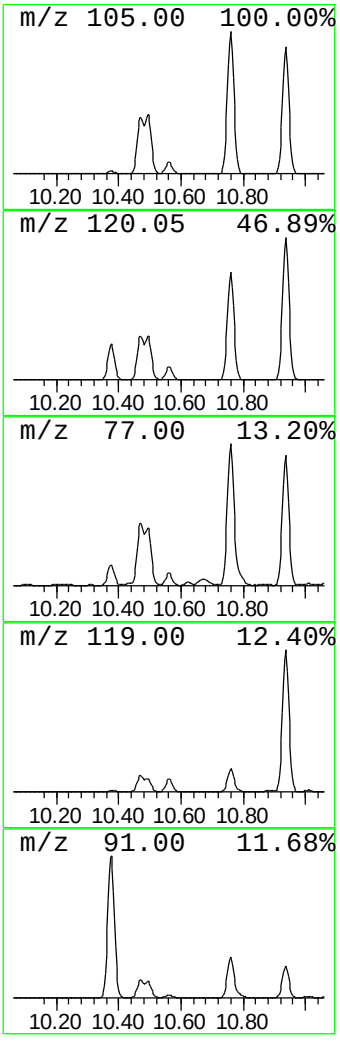
****

Peak Number 51 Benzene, 1,2,4-trimethyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	11.91 ug/L	450765	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

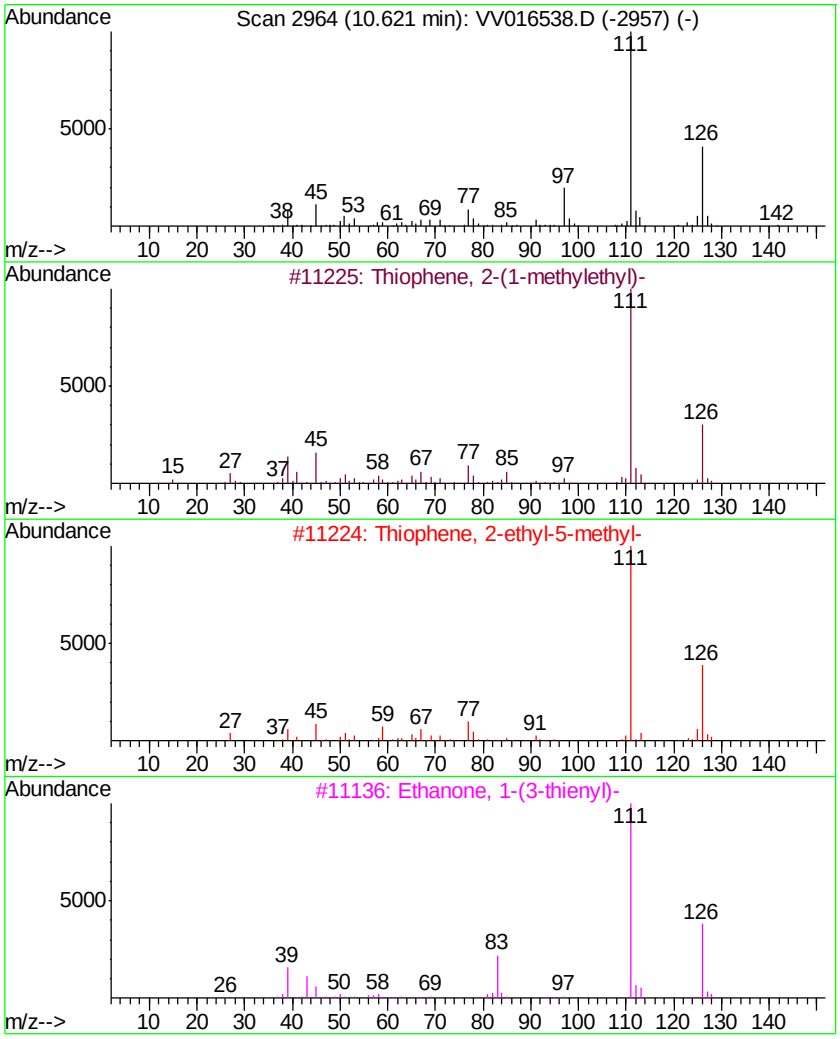
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

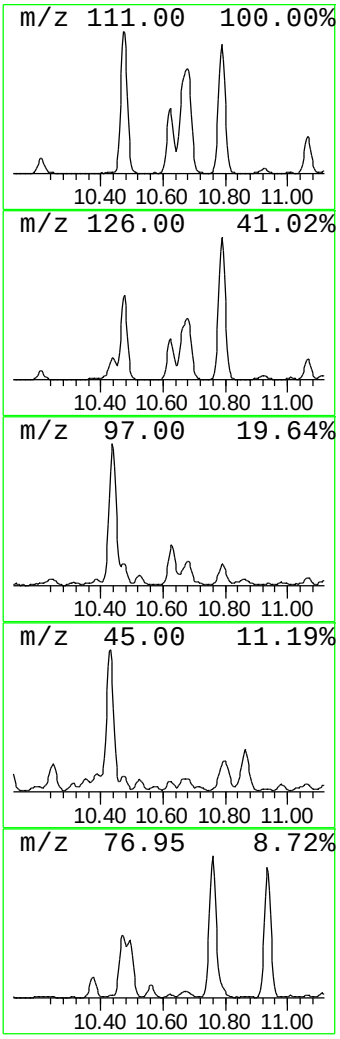
****

Peak Number 52 Thiophene, 2-(1-methylethyl)- Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	3.87 ug/L	146392	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-(1-methylethyl)-	126	C7H10S	004095-22-1	72
2	Thiophene, 2-ethyl-5-methyl-	126	C7H10S	040323-88-4	70
3	Ethanone, 1-(3-thienyl)-	126	C6H6OS	001468-83-3	64
4	Ethanone, 1-(3-thienyl)-	126	C6H6OS	001468-83-3	64
5	Ethanone, 1-(2-thienyl)-	126	C6H6OS	000088-15-3	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016538.D
Acq On : 05 Jun 2020 16:05
Operator : SY/MD
Sample : L2861-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E42

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	1.11	12.6	ug/L	263757	1	5.64	1044350	50.0
(DEL) Alkane: Str...	1.22	21.3	ug/L	444271	1	5.64	1044350	50.0
(DEL) Alkane: Str...	1.42	95.2	ug/L	1988700	1	5.64	1044350	50.0
(DEL) Alkane: Str...	1.63	84.0	ug/L	1755140	1	5.64	1044350	50.0
(DEL) Alkane: Cyc...	1.77	23.4	ug/L	488110	1	5.64	1044350	50.0
(DEL) Alkane: Str...	1.81	72.1	ug/L	1505070	1	5.64	1044350	50.0
(DEL) Alkane: Str...	1.91	106.0	ug/L	2213890	1	5.64	1044350	50.0
(DEL) Alkane: Str...	1.99	69.8	ug/L	1457710	1	5.64	1044350	50.0
(DEL) Alkane: Cyc...	2.03	54.1	ug/L	1129330	1	5.64	1044350	50.0
(DEL) Alkane: Str...	2.45	11.9	ug/L	247739	1	5.64	1044350	50.0
Cyclopentene	2.49	204.8	ug/L	4277080	1	5.64	1044350	50.0
(DEL) Alkane: Cyc...	2.59	302.6	ug/L	6321320	1	5.64	1044350	50.0
(DEL) Alkane: Str...	2.78	15.2	ug/L	317842	1	5.64	1044350	50.0
(DEL) Alkane: Str...	3.06	8.1	ug/L	169950	1	5.64	1044350	50.0
(DEL) Alkane: Str...	3.17	7.1	ug/L	147721	1	5.64	1044350	50.0
(DEL) Alkane: Str...	3.24	15.8	ug/L	329950	1	5.64	1044350	50.0
(DEL) Alkane: Str...	3.29	8.7	ug/L	180961	1	5.64	1044350	50.0
(DEL) Alkane: Str...	3.38	4.7	ug/L	98472	1	5.64	1044350	50.0
Cyclopentene, 3-m...	3.45	77.2	ug/L	1613060	1	5.64	1044350	50.0
Cyclopentene, 4-m...	3.52	29.3	ug/L	611146	1	5.64	1044350	50.0
(DEL) Alkane: Cyc...	3.79	175.6	ug/L	3667610	1	5.64	1044350	50.0
Cyclopentene, 1-m...	4.48	8.9	ug/L	186726	1	5.64	1044350	50.0
1,5-Hexadiyne	5.19	17713.6	ug/L	369984000	1	5.64	1044350	50.0
Cyclobutane, ethe...	5.27	205.2	ug/L	4286610	1	5.64	1044350	50.0
Thiophene	5.39	215.8	ug/L	4507850	1	5.64	1044350	50.0
Diethyl sulfide	5.97	13.5	ug/L	281839	1	5.64	1044350	50.0
(DEL) Alkane: Cyc...	6.39	4.4	ug/L	91954	1	5.64	1044350	50.0
Cyclohexene, 3-me...	6.57	17.4	ug/L	363973	1	5.64	1044350	50.0
Cyclopentene, 1,5...	6.83	21.7	ug/L	454119	1	5.64	1044350	50.0
2-Pentanol, 2-met...	7.16	12.9	ug/L	269428	1	5.64	1044350	50.0
Thiophene, 2-methyl-	7.54	143.8	ug/L	3138560	2	8.87	1091690	50.0
Thiophene, 3-methyl-	7.72	71.8	ug/L	1567990	2	8.87	1091690	50.0
Sulfide, ethyl pr...	7.87	7.9	ug/L	173307	2	8.87	1091690	50.0
Thiophene, tetrah...	8.24	43.0	ug/L	939606	2	8.87	1091690	50.0
Cyclopentanol, 1-...	8.30	7.7	ug/L	167359	2	8.87	1091690	50.0
Butane, 2-(ethylt...	8.79	8.2	ug/L	178521	2	8.87	1091690	50.0
Thiophene, tetrah...	9.28	77.1	ug/L	1683990	2	8.87	1091690	50.0
Thiophene, 2,3-di...	9.33	125.6	ug/L	2742250	2	8.87	1091690	50.0
trans-2,3-Dimethy...	9.41	61.7	ug/L	1346940	2	8.87	1091690	50.0
Thiophene, tetrah...	9.47	75.7	ug/L	1653510	2	8.87	1091690	50.0
Thiophene, 3,4-di...	9.80	19.7	ug/L	429681	2	8.87	1091690	50.0
2H-Thiopyran, tet...	10.10	27.7	ug/L	1047340	3	11.27	1892380	50.0
unknown-01	10.19	2.8	ug/L	104638	3	11.27	1892380	50.0
Benzene, (1-methy...	10.31	5.2	ug/L	196294	3	11.27	1892380	50.0
Benzene, propyl-	10.38	51.9	ug/L	1965210	3	11.27	1892380	50.0
Hydrazine, 1-ethy...	10.43	32.1	ug/L	1213570	3	11.27	1892380	50.0
Benzene, 1-ethyl-...	10.47	34.3	ug/L	1299210	3	11.27	1892380	50.0
Benzene, 1,2,4-tr...	10.56	11.9	ug/L	450765	3	11.27	1892380	50.0
Thiophene, 2-(1-m...	10.62	3.9	ug/L	146392	3	11.27	1892380	50.0