LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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	1.222	36	41	49	rVB	36249	35392	0.02%	0.006%
2	1.312	60	69	78	rBV2	543264	695778	0.37%	0.117%
3	1.364	78	85	96	rVB	314413	301486	0.16%	0.051%
4	1.422	96	103	110	rBV	354086	319425	0.17%	0.054%
5	1.557	135	145	158	rVB2	153914	256660	0.14%	0.043%
6	1.627	159	167	188	rVB	252085	344383	0.18%	0.058%
7	1.769	202	211	217	rBV	688688	845579	0.45%	0.142%
8	1.807	217	223	241	rVB	403525	551869	0.30%	0.092%
9	1.907	244	254	268	rBV	714302	949055	0.51%	0.159%
10	1.987	269	279	286	rVV	611991	835704	0.45%	0.140%
11	2.032	286	293	309	rVB2	458032	673738	0.36%	0.113%
12	2.116	310	319	331	rBV	333082	502416	0.27%	0.084%
13	2.174	331	337	345	rVV2	48804	69431	0.04%	0.012%
14	2.219	346	351	363	rVB	23659	34483	0.02%	0.006%
15	2.450	413	423	425	rBV	88870	127699	0.07%	0.021%
16	2.492	426	436	447	rVB	1261617	2114007	1.13%	0.354%
17	2.592	457	467	484	rVB	1171940	2183100	1.17%	0.366%
18	2.775	508	524	541	rVB3	74618	195986	0.10%	0.033%
19	2.968	569	584	600	rBV	235548	462252	0.25%	0.077%
20	3.058	601	612	630	rVB	88287	182482	0.10%	0.031%
21	3.174	635	648	658	rBV2	58587	119921	0.06%	0.020%
22	3.241	658	669	679	rBV3	103979	211721	0.11%	0.035%
23	3.386	701	714	721	rBV3	24514	52038	0.03%	0.009%
24	3.457	722	736	749	rBV4	317423	805994	0.43%	0.135%
25	3.704	802	813	822	rVV3	27237	63397	0.03%	0.011%
26	3.788	823	839	860	rVV	772111	1980288	1.06%	0.332%
27	3.894	863	872	897	rVB	103933	267651	0.14%	0.045%
28	4.373	1001	1021	1041	rBV	218334	575285	0.31%	0.096%
29	4.486	1047	1056	1076	rVB3	52826	130333	0.07%	0.022%
30	4.704	1096	1124	1143	rBV	1538722	3872412	2.07%	0.649%
31	5.154	1218	1264	1278	rBV2	52782118	152129730	81.45%	25.492%
32	5.251	1286	1294	1314	rVB	1357947	2809404	1.50%	0.471%
33	5.643	1403	1416	1440	rBV	459578	948924	0.51%	0.159%
34	5.968	1503	1517	1534	rVB8	33959	83785	0.04%	0.014%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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	1538	1557	1566	rBV	296642	622438	0.33%	0.104%
36	6.154	1567	1575	1598	rVB2	345310	730488	0.39%	0.122%
37	6.270	1604	1611	1625	rVB6	30935	58292	0.03%	0.010%
38	6.389	1637	1648	1666	rVB3	35585	76847	0.04%	0.013%
39	6.576	1692	1706	1708	rBV4	110776	185660	0.10%	0.031%
40	6.724	1744	1752	1767	rVB5	13908	35487	0.02%	0.006%
41	6.826	1767	1784	1795	rBV	151916	284195	0.15%	0.048%
42	7.013	1831	1842	1858	rVB3	229541	428189	0.23%	0.072%
43	7.193	1883	1898	1911	rVB5	111514	317760	0.17%	0.053%
44	7.347	1933	1946	1954	rBV	528798	1077154	0.58%	0.180%
45	7.447	1954	1977	1994	rVB3	66888886	186765643	100.00%	31.295%
46	7.550	1999	2009	2024	rVB	3052967	5002003	2.68%	0.838%
47	7.646	2031	2039	2049	rVB	105458	153690	0.08%	0.026%
48	7.720	2051	2062	2075	rBV	1061917	1712538	0.92%	0.287%
49	7.878	2101	2111	2129	rVB5	64204	129498	0.07%	0.022%
50	8.029	2149	2158	2170	rBV2	33219	57932	0.03%	0.010%
51	8.109	2173	2183	2196	rBV	382578	641779	0.34%	0.108%
52	8.305	2235	2244	2255	rBV4	63589	113765	0.06%	0.019%
53	8.743	2368	2380	2386	rBV4	26643	52719	0.03%	0.009%
54	8.875	2406	2421	2428	rBV2	708199	1242255	0.67%	0.208%
55	8.920	2428	2435	2457	rVB	929947	1568120	0.84%	0.263%
56	9.048	2458	2475	2492	rBV2	42026986	79398462	42.51%	13.304%
57	9.170	2492	2513	2534	rVB	23475254	41792795	22.38%	7.003%
58	9.289	2537	2550	2555	rBV	450209	718357	0.38%	0.120%
59	9.331	2555	2563	2577	rVB2	1959622	3221196	1.72%	0.540%
60	9.408	2577	2587	2597	rBV	943733	1470415	0.79%	0.246%
61	9.473	2598	2607	2615	rBV	833598	1381417	0.74%	0.231%
62	9.521	2615	2622	2627	rVV	1251335	1789247	0.96%	0.300%
63	9.572	2628	2638	2651	rVB	21450520	34942833	18.71%	5.855%
64	9.739	2679	2690	2700	rBV4	531046	919855	0.49%	0.154%
65	9.801	2700	2709	2712	rBV	450558	637466	0.34%	0.107%
66	9.884	2727	2735	2746	rVB	599617	928558	0.50%	0.156%
67	9.955	2747	2757	2767	rBV	1325852	1980348	1.06%	0.332%
68	10.103	2791	2803	2818	rVB	730565	1247143	0.67%	0.209%
69	10.241	2837	2846	2856	rBV4	769165	1253885	0.67%	0.210%
70	10.376	2875	2888	2897	rBV	1521586	2529675	1.35%	0.424%
71	10.431	2898	2905	2910	rVV	1278842	1933591	1.04%	0.324%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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	10.469	2910	2917	2938	rVV	3635406	7695571	4.12%	1.290%
73	10.563	2939	2946	2957	rVB	875780	1304152	0.70%	0.219%
74	10.624	2959	2965	2971	rBV2	87568	108654	0.06%	0.018%
75	10.678	2972	2982	2989	rBV	136583	269942	0.14%	0.045%
76	10.762	2998	3008	3029	rVB	2702805	5254008	2.81%	0.880%
77	10.865	3031	3040	3051	rVB4	590757	1028338	0.55%	0.172%
78	10.939	3051	3063	3073	rBV	4018213	6045965	3.24%	1.013%
79	11.119	3111	3119	3125	rBV3	157066	262589	0.14%	0.044%
80	11.270	3155	3166	3177	rVB2	1023846	1827095	0.98%	0.306%
81	11.357	3184	3193	3204	rVB	3158381	4671582	2.50%	0.783%
82	11.550	3244	3253	3264	rBV	1619521	2576419	1.38%	0.432%
83	11.649	3275	3284	3294	rBV2	662838	1051547	0.56%	0.176%
84	11.768	3312	3321	3332	rVB	832792	1314817	0.70%	0.220%
85	12.038	3399	3405	3411	rBV2	160198	208584	0.11%	0.035%
86	12.138	3428	3436	3455	rVB2	330149	667056	0.36%	0.112%
87	12.337	3493	3498	3507	rVB	118908	166446	0.09%	0.028%
88	12.489	3540	3545	3565	rVB3	155676	265264	0.14%	0.044%
89	12.749	3619	3626	3634	rBV	97210	135546	0.07%	0.023%
90	12.903	3665	3674	3686	rBV2	537668	846193	0.45%	0.142%
91	12.971	3687	3695	3714	rVB	238658	380171	0.20%	0.064%
92	13.077	3717	3728	3746	rVB3	366940	623497	0.33%	0.104%
93	13.527	3856	3868	3890	rVB	3517255	5411461	2.90%	0.907%
94	13.646	3895	3905	3926	rVB	494986	786335	0.42%	0.132%
95	13.878	3963	3977	3983	rBV	15202	34027	0.02%	0.006%
96	14.318	4108	4114	4125	rVB2	29536	45400	0.02%	0.008%
97	14.460	4151	4158	4171	rVB5	16767	29224	0.02%	0.005%
98	14.601	4193	4202	4210	rBV	29115	44820	0.02%	0.008%
99	14.659	4210	4220	4237	rVV2	157447	319611	0.17%	0.054%
100	14.842	4265	4277	4295	rBV2	151411	276840	0.15%	0.046%

Sum of corrected areas: 596784657

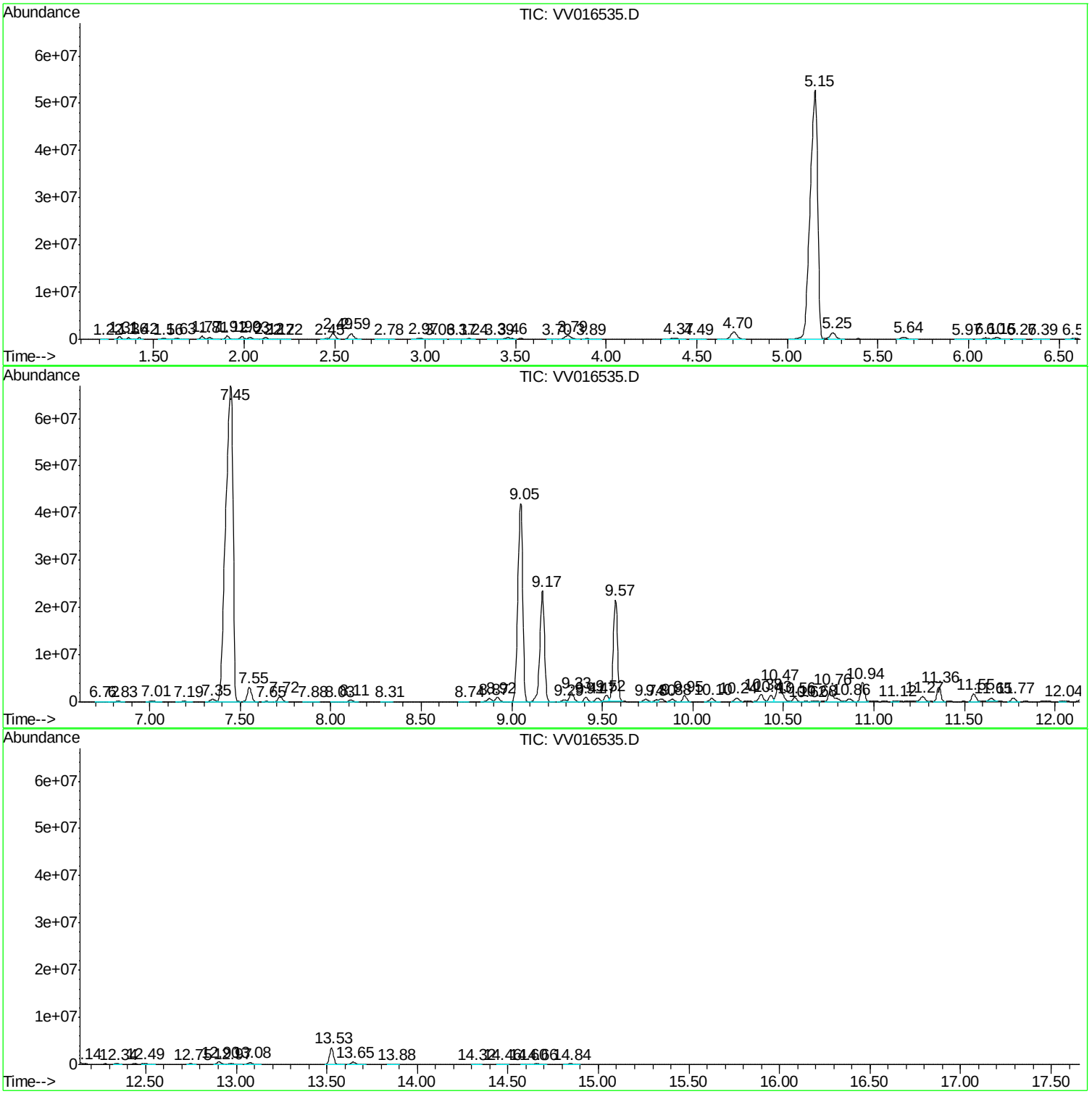
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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

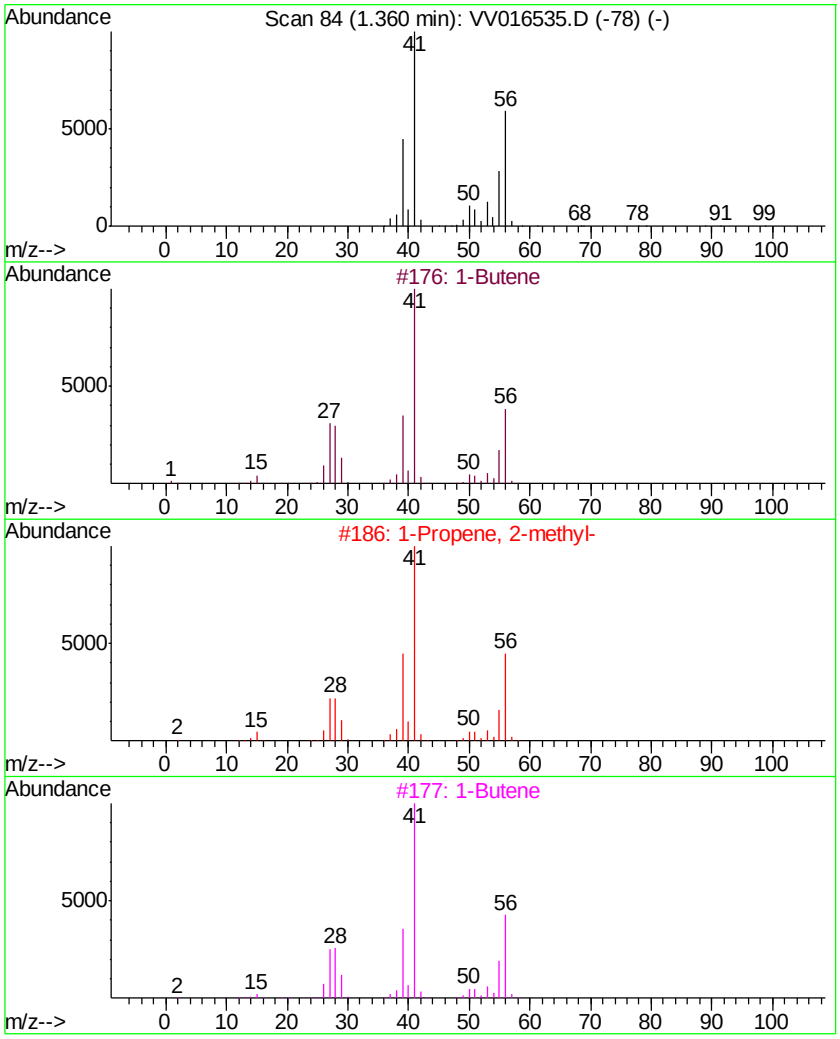
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

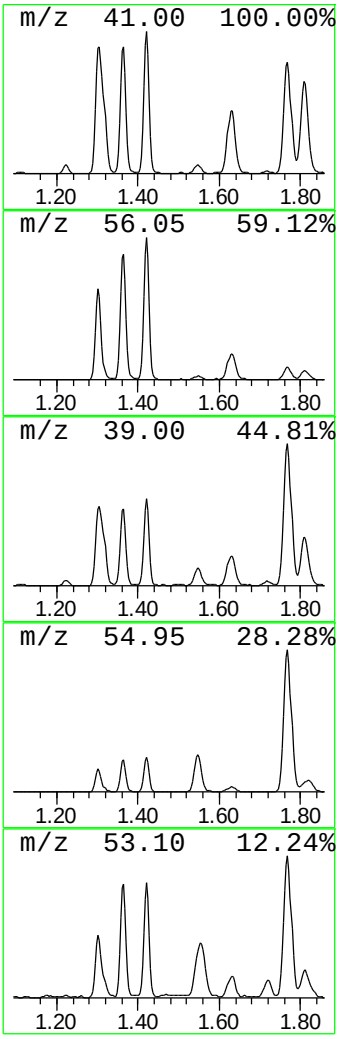
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.36	15.89 ug/L	301486	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene	56	C4H8	000106-98-9	87
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	87
3	1-Butene	56	C4H8	000106-98-9	86
4	2-Butene, (Z)-	56	C4H8	000590-18-1	74
5	2-Butene, (Z)-	56	C4H8	000590-18-1	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

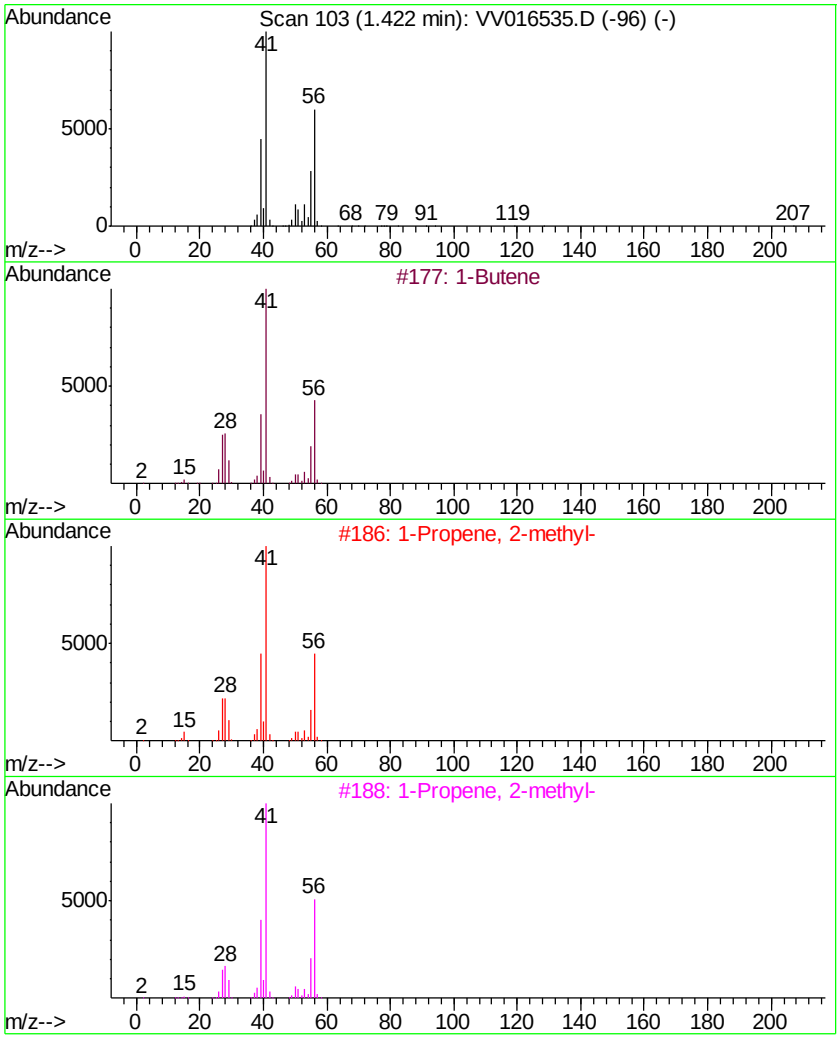
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

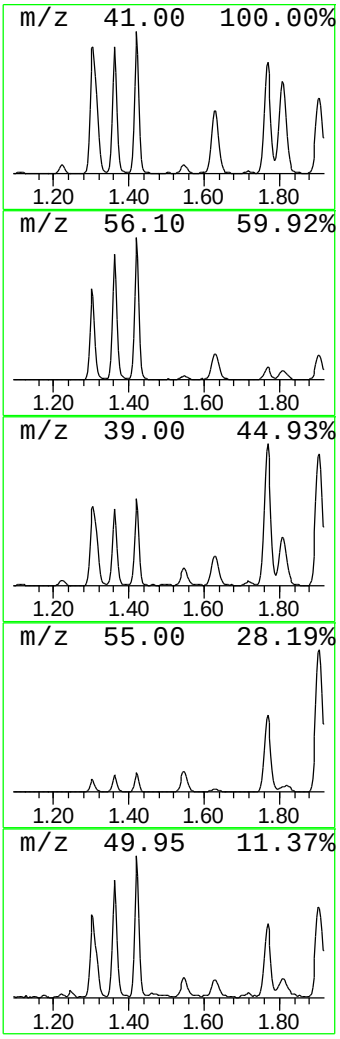
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.42	16.83 ug/L	319425	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene	56	C4H8	000106-98-9	87
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	87
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	87
4	2-Butene, (E)-	56	C4H8	000624-64-6	74
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 : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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

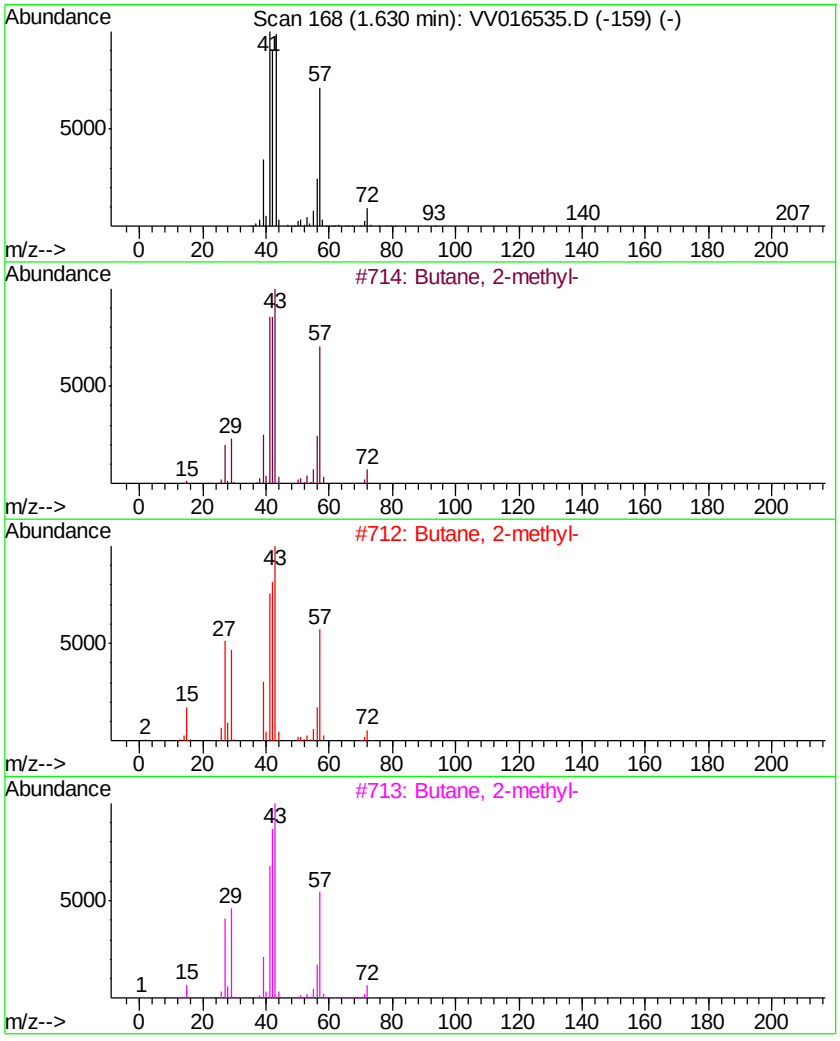
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

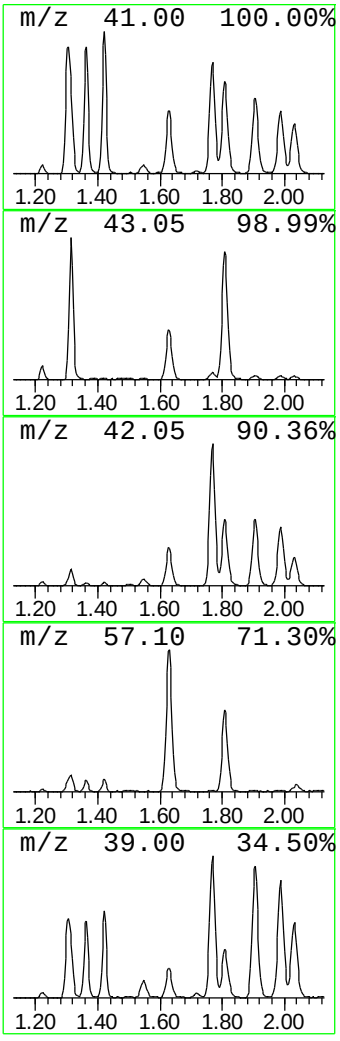
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.63	18.15 ug/L	344383	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	90
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	33





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

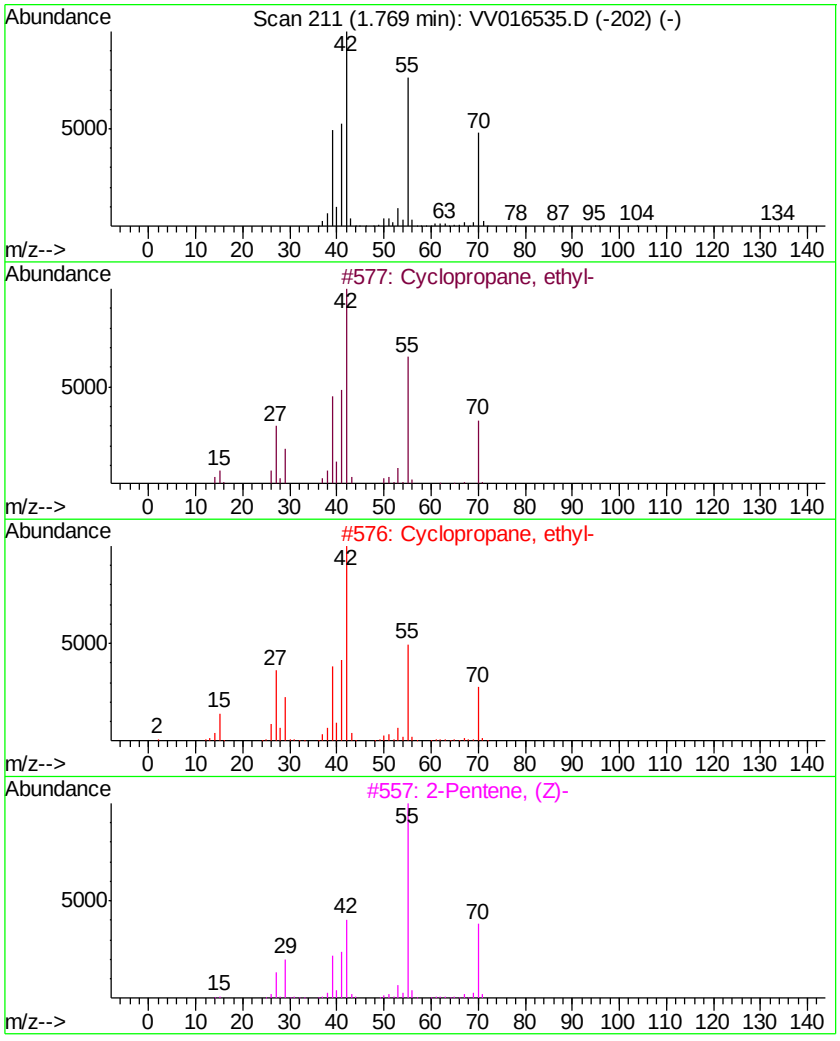
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

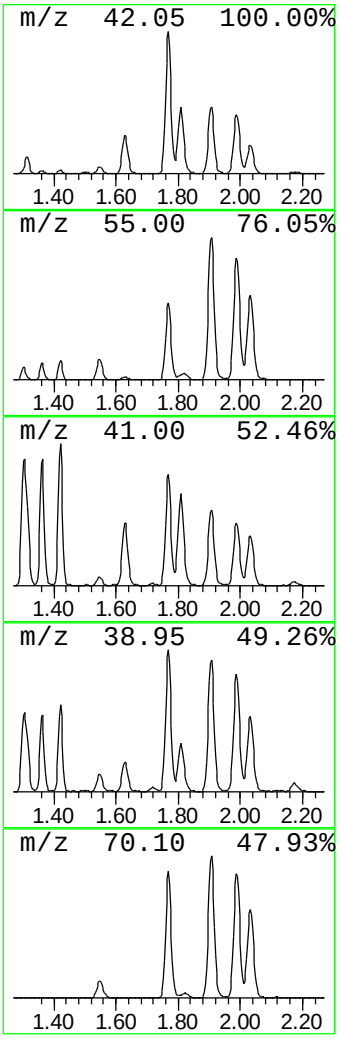
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic1.77 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.77	44.55 ug/L	845579	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	90
2	Cyclopropane, ethyl-	70	C5H10	001191-96-4	78
3	2-Pentene, (Z)-	70	C5H10	000627-20-3	74
4	1-Pentene	70	C5H10	000109-67-1	68
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	62





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

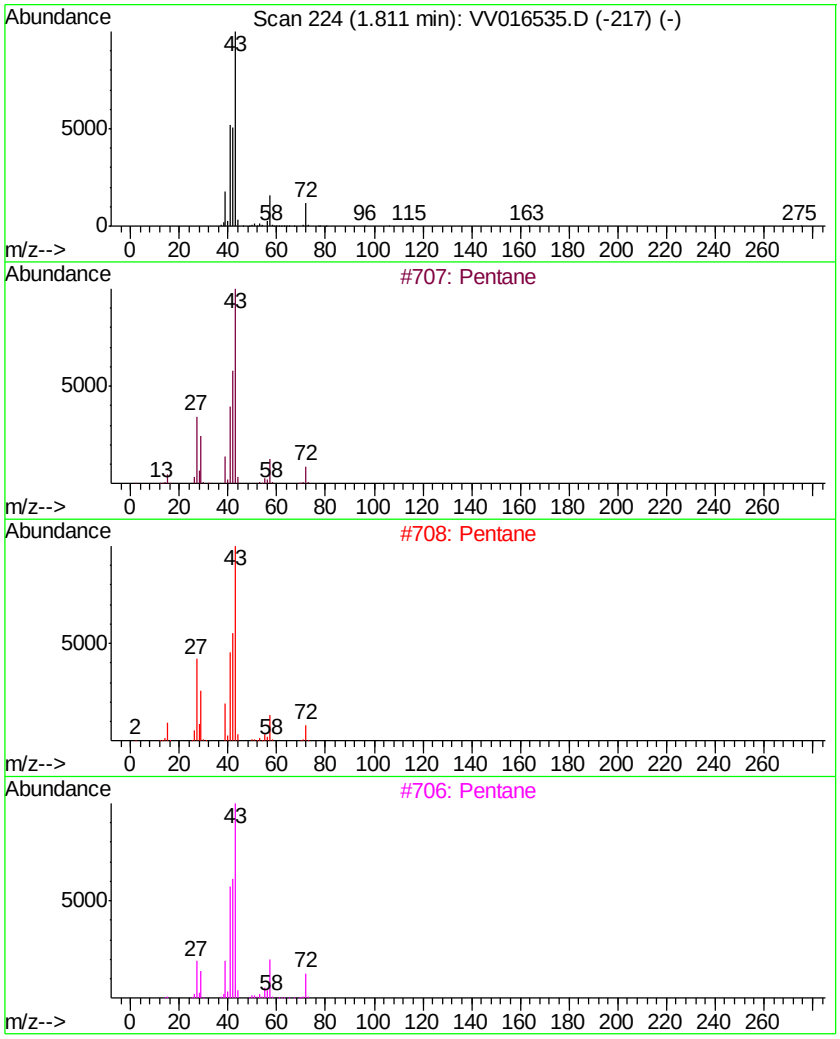
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

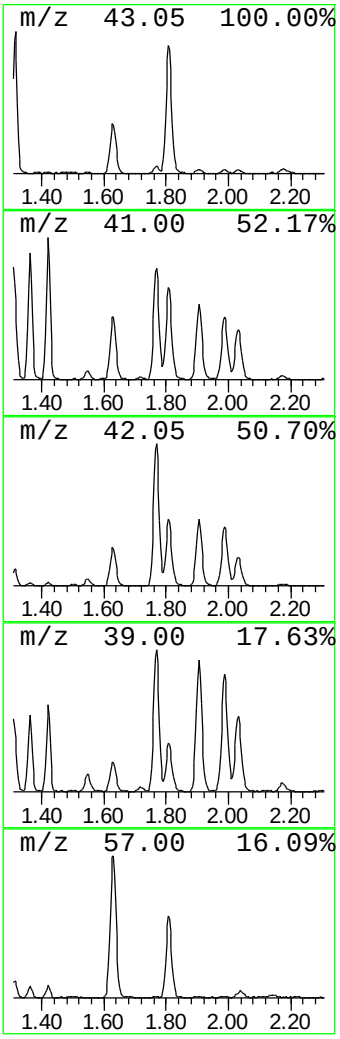
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.81	29.08 ug/L	551869	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	86
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	80
4	Pentane	72	C5H12	000109-66-0	64
5	Oxirane, ethyl-	72	C4H8O	000106-88-7	53





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Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

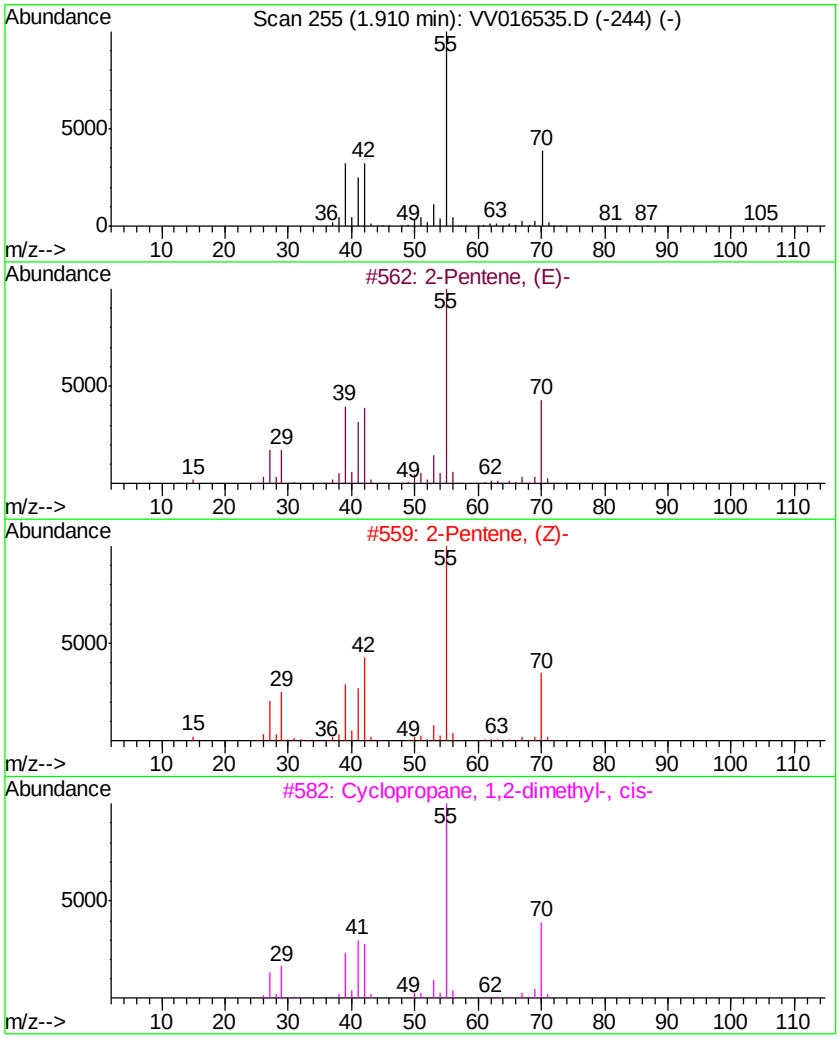
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

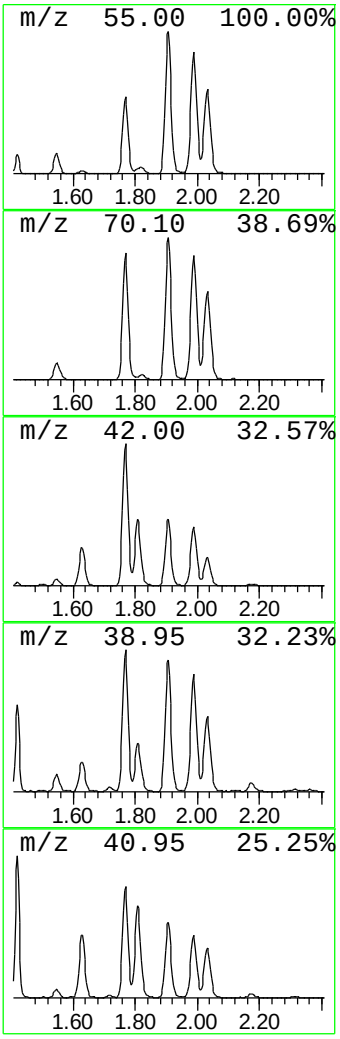
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.91	50.01 ug/L	949055	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (E)-	70	C5H10	000646-04-8	94
2	2-Pentene, (Z)-	70	C5H10	000627-20-3	91
3	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
4	2-Methyl-1-butene	70	C5H10	000563-46-2	91
5	2-Methyl-1-butene	70	C5H10	000563-46-2	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

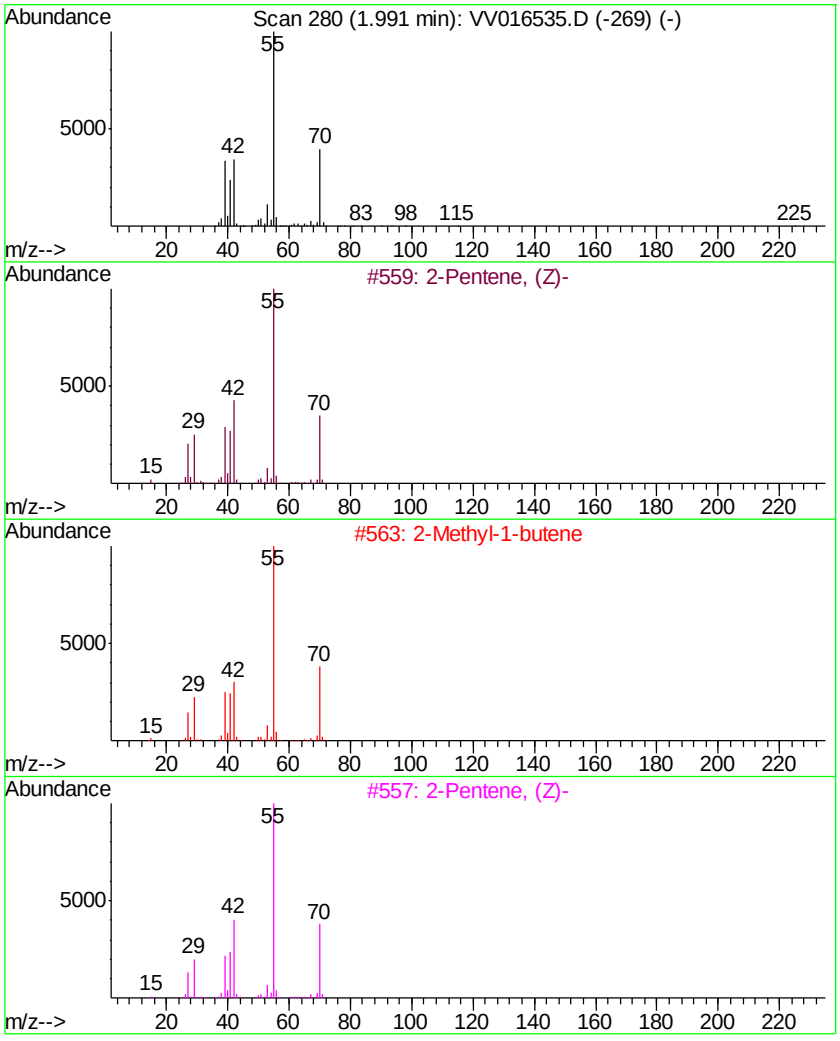
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

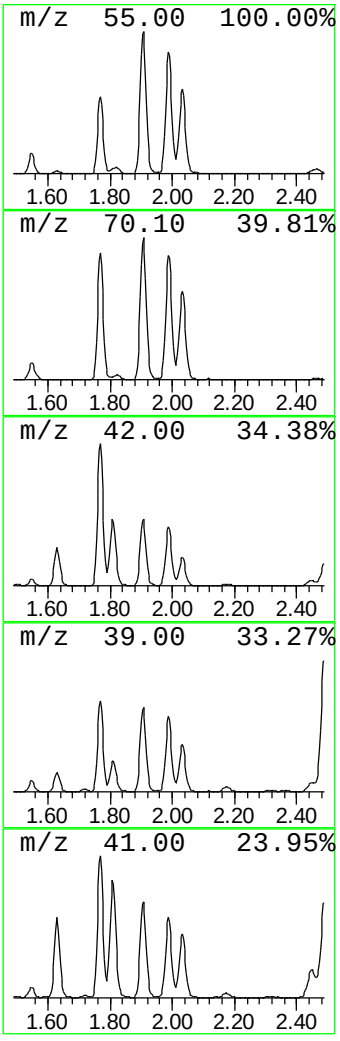
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.99	44.03 ug/L	835704	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (Z)-	70	C5H10	000627-20-3	91
2	2-Methyl-1-butene	70	C5H10	000563-46-2	91
3	2-Pentene, (Z)-	70	C5H10	000627-20-3	90
4	2-Pentene, (E)-	70	C5H10	000646-04-8	90
5	2-Methyl-1-butene	70	C5H10	000563-46-2	90





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Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

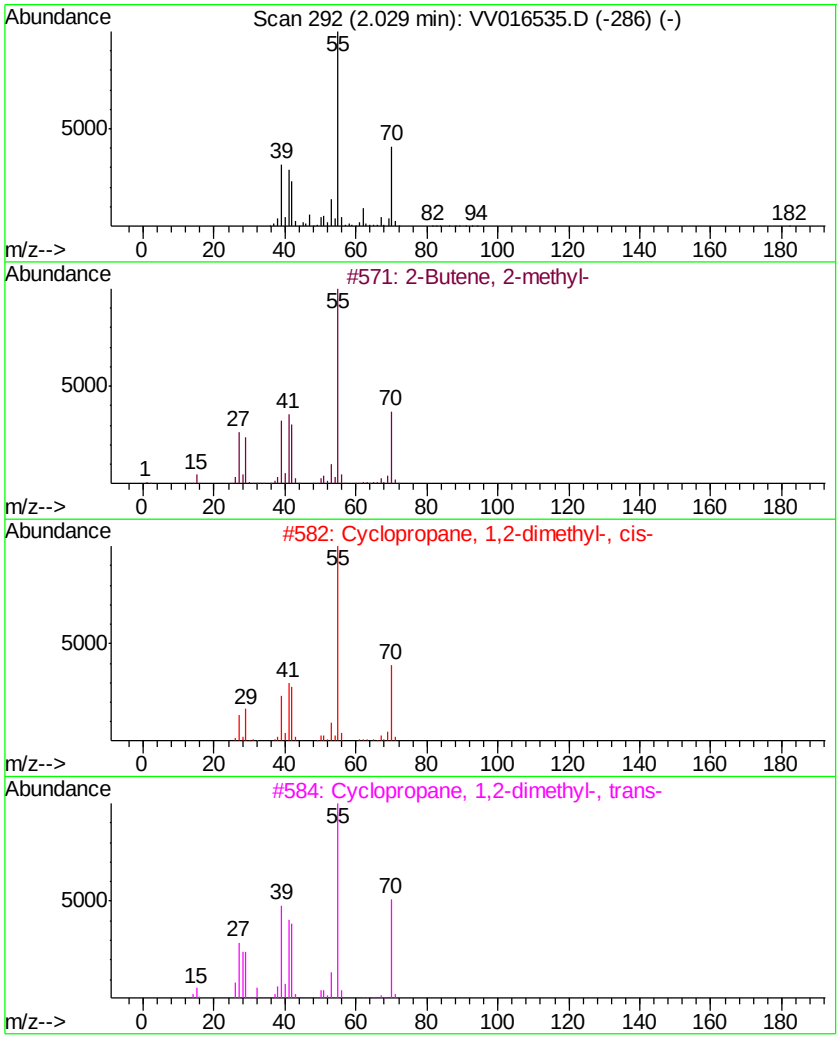
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

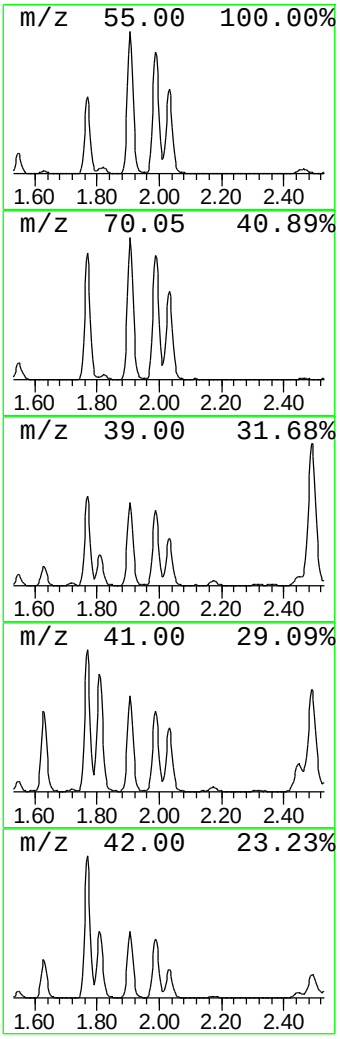
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.03	35.50 ug/L	673738	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2-methyl-	70	C5H10	000513-35-9	64
2	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	64
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	53
4	2-Butene, 2-methyl-	70	C5H10	000513-35-9	52
5	1-Butene, 3-methyl-	70	C5H10	000563-45-1	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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

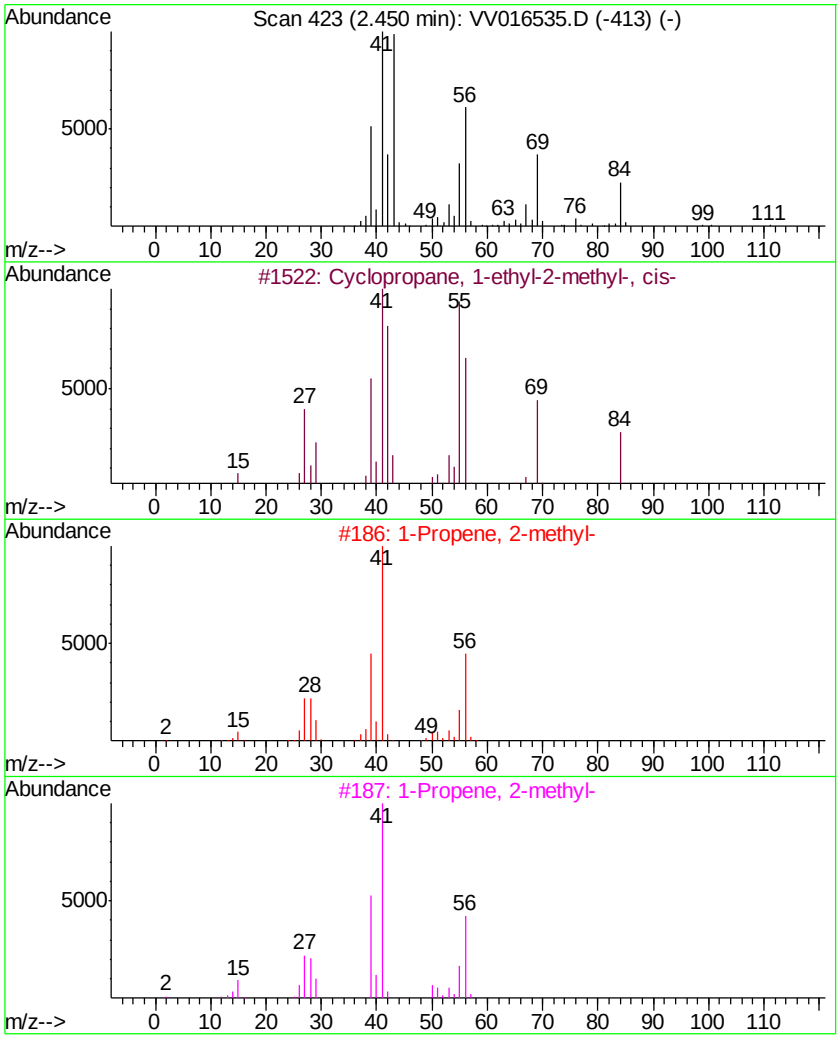
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

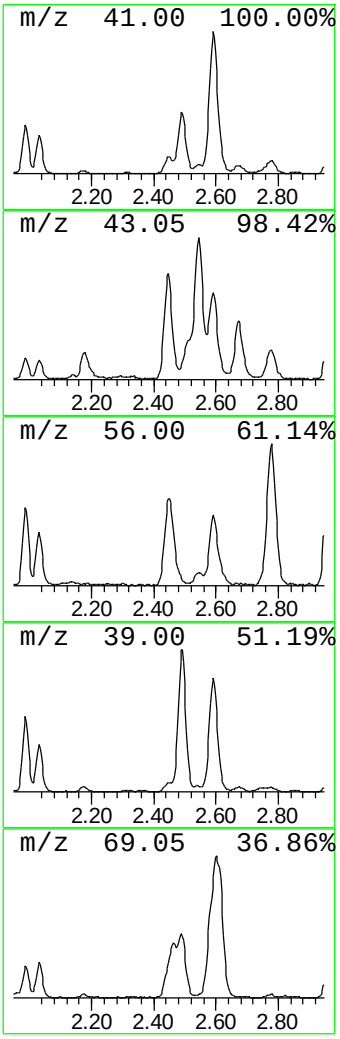
****

Peak Number 9 (DEL) Alkane: Cyclic2.45 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	6.73 ug/L	127699	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	58
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	49
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	47
4	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	47
5	2-Butene, (Z)-	56	C4H8	000590-18-1	46





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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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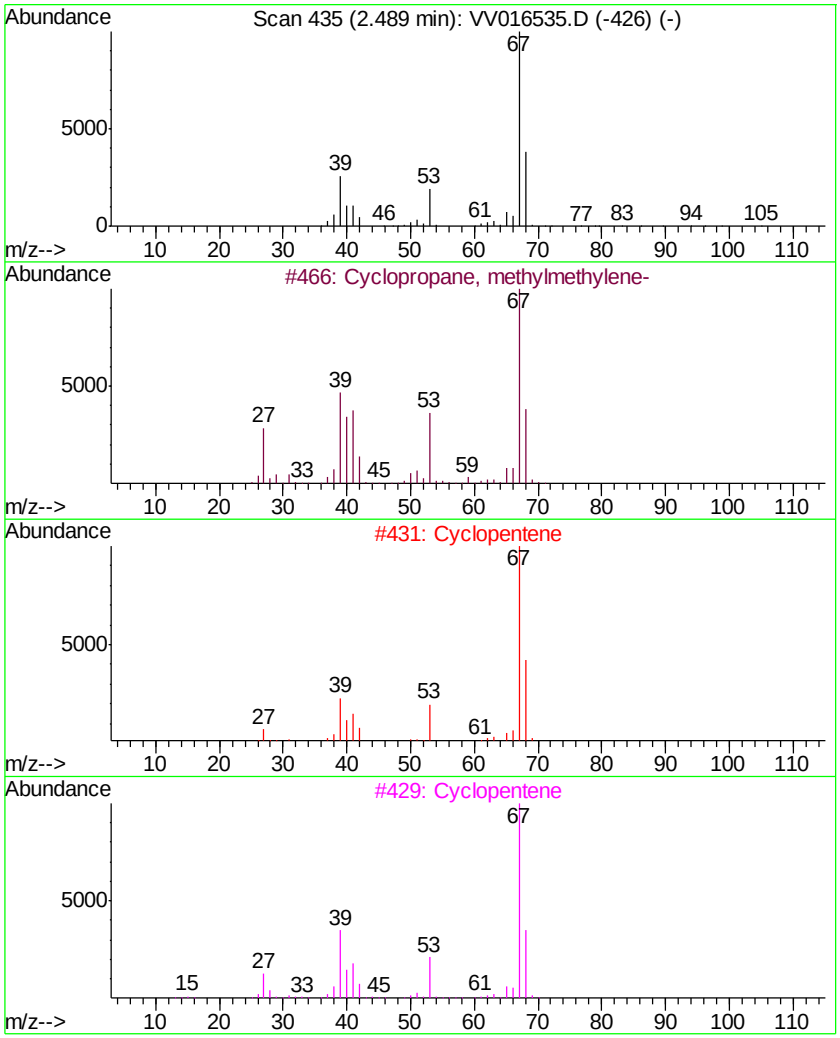
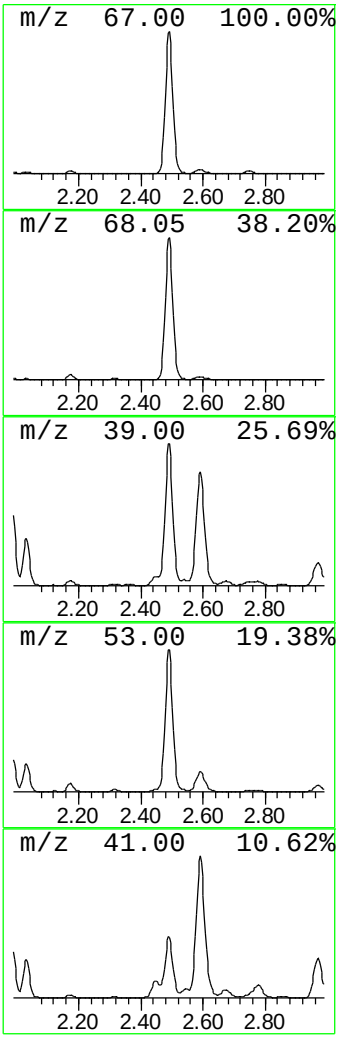
Peak Number 10 Cyclopropane, methylmethylene- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.49	111.39 ug/L	2114010	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, methylmethylene-	68	C5H8	018631-84-0	91
2	Cyclopentene	68	C5H8	000142-29-0	91
3	Cyclopentene	68	C5H8	000142-29-0	91
4	2,3-Diazabicyclo[2.2.1]-hept-2-ene	96	C5H8N2	002721-32-6	83
5	1,3-Pentadiene	68	C5H8	000504-60-9	59





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Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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

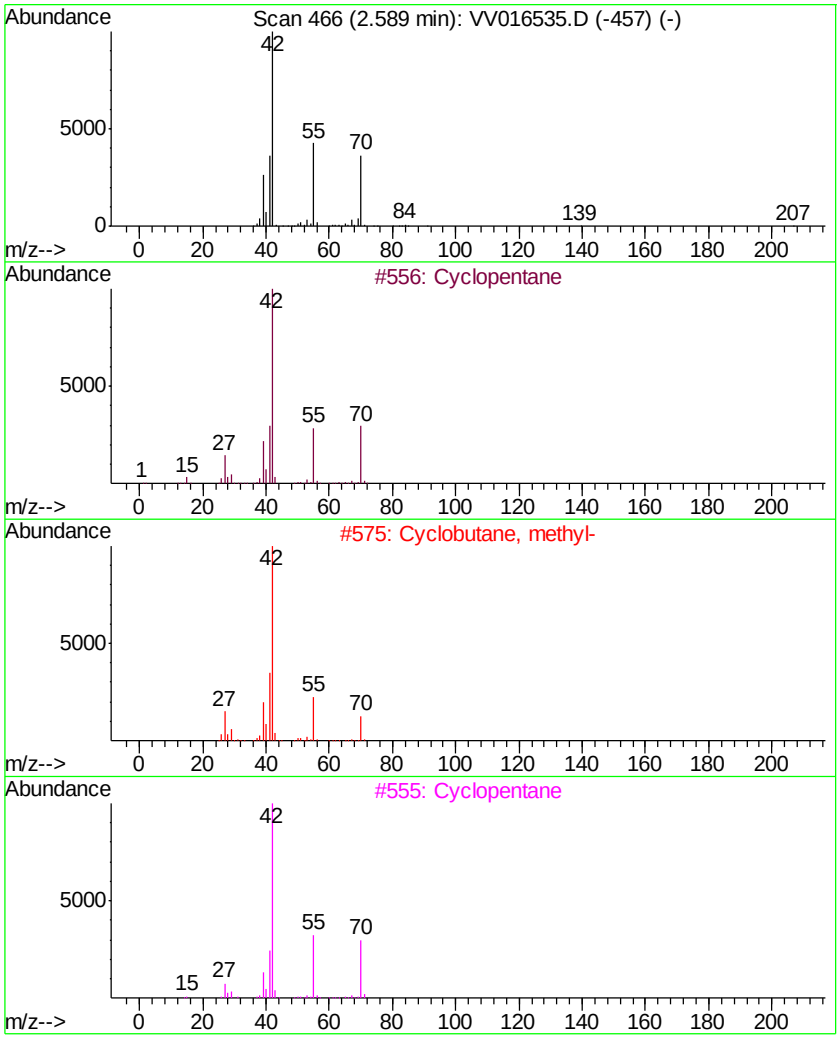
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

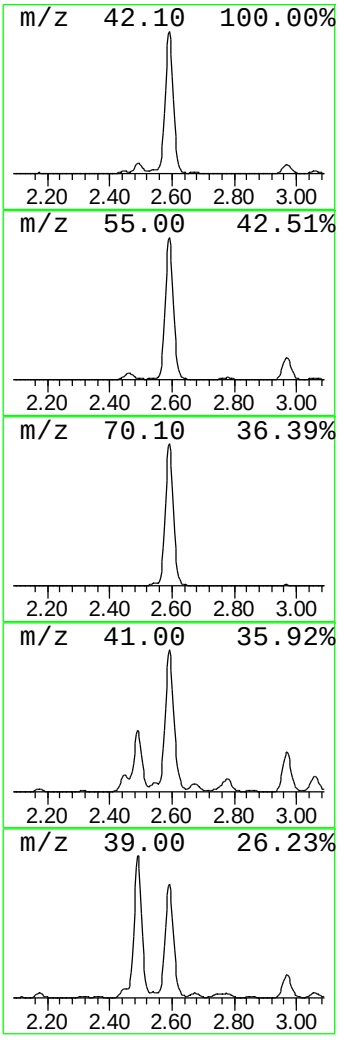
****

Peak Number 11 (DEL) Alkane: Cyclic2.59 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.59	115.03 ug/L	2183100	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	Cyclopentane	70	C5H10	000287-92-3	78
4	1-Pentene	70	C5H10	000109-67-1	78
5	1-Pentene	70	C5H10	000109-67-1	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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

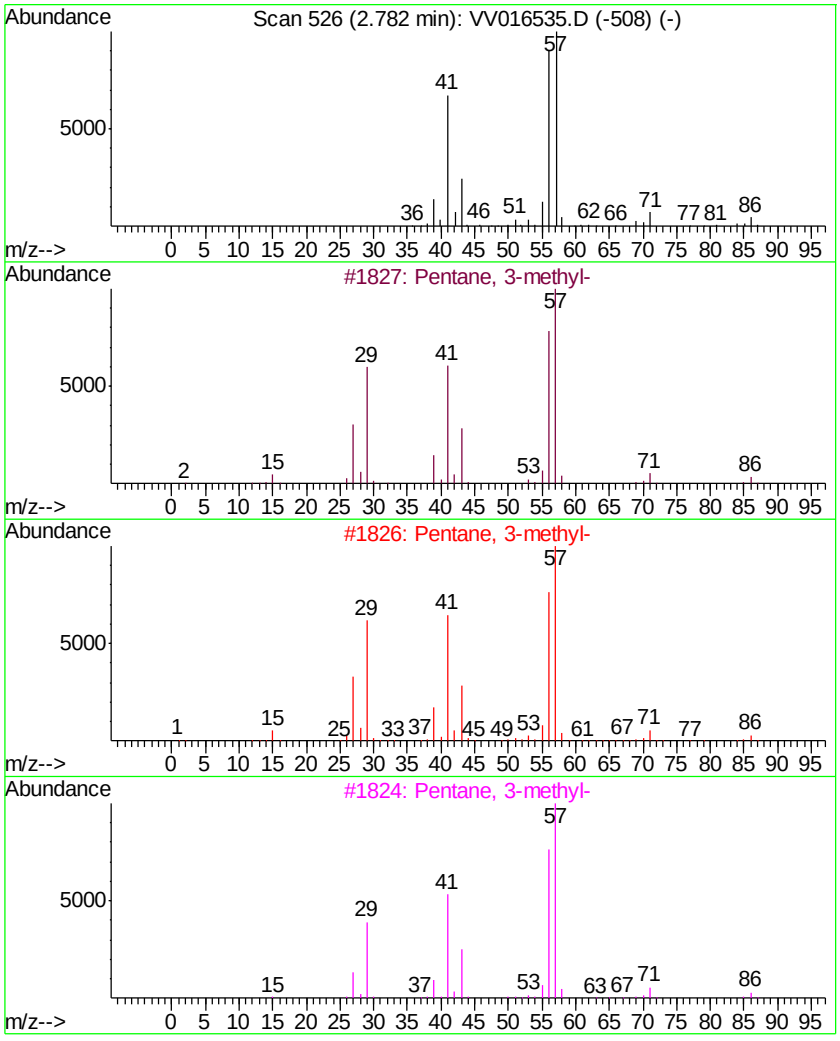
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

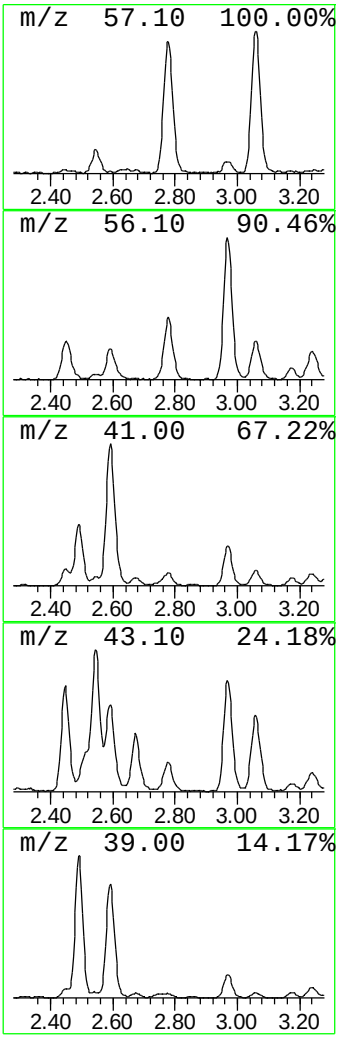
****

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	10.33 ug/L	195986	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	83
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	56
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	56





Library Search Compound Report

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Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

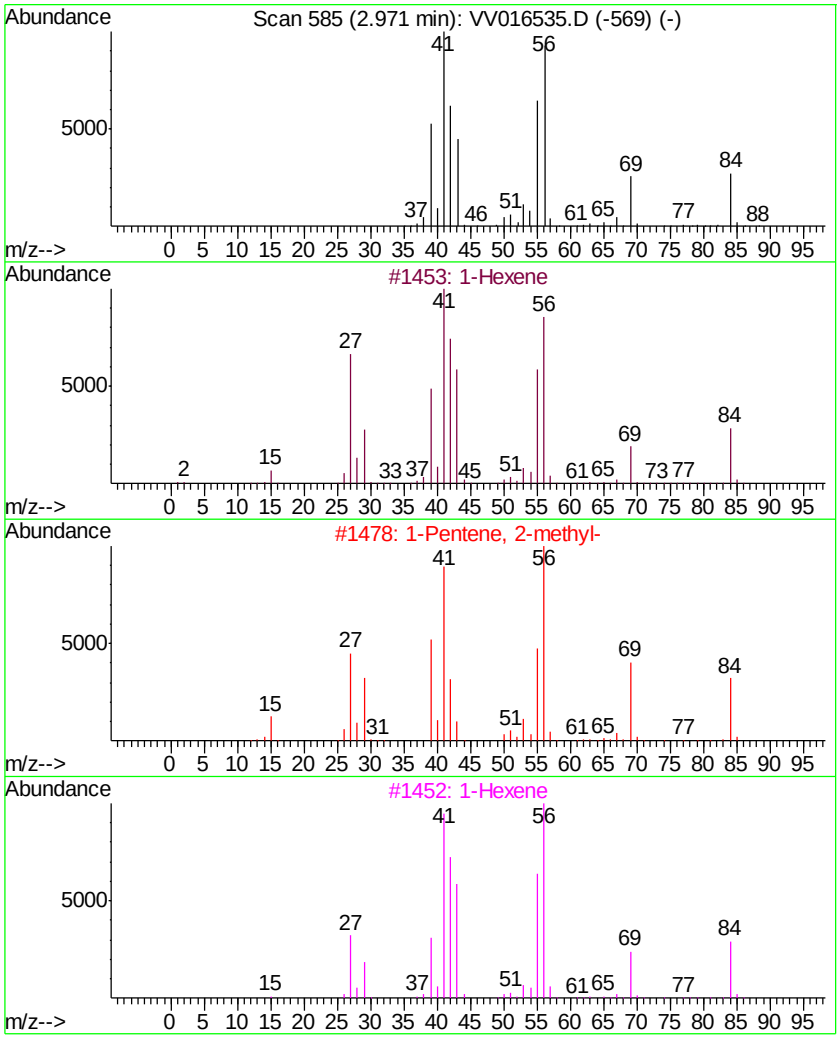
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

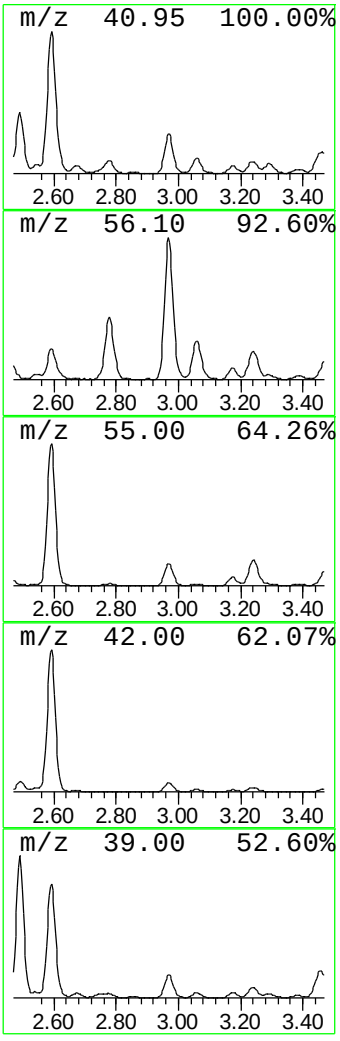
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.97	24.36 ug/L	462252	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene	84	C6H12	000592-41-6	94
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	83
3	1-Hexene	84	C6H12	000592-41-6	81
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	52
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

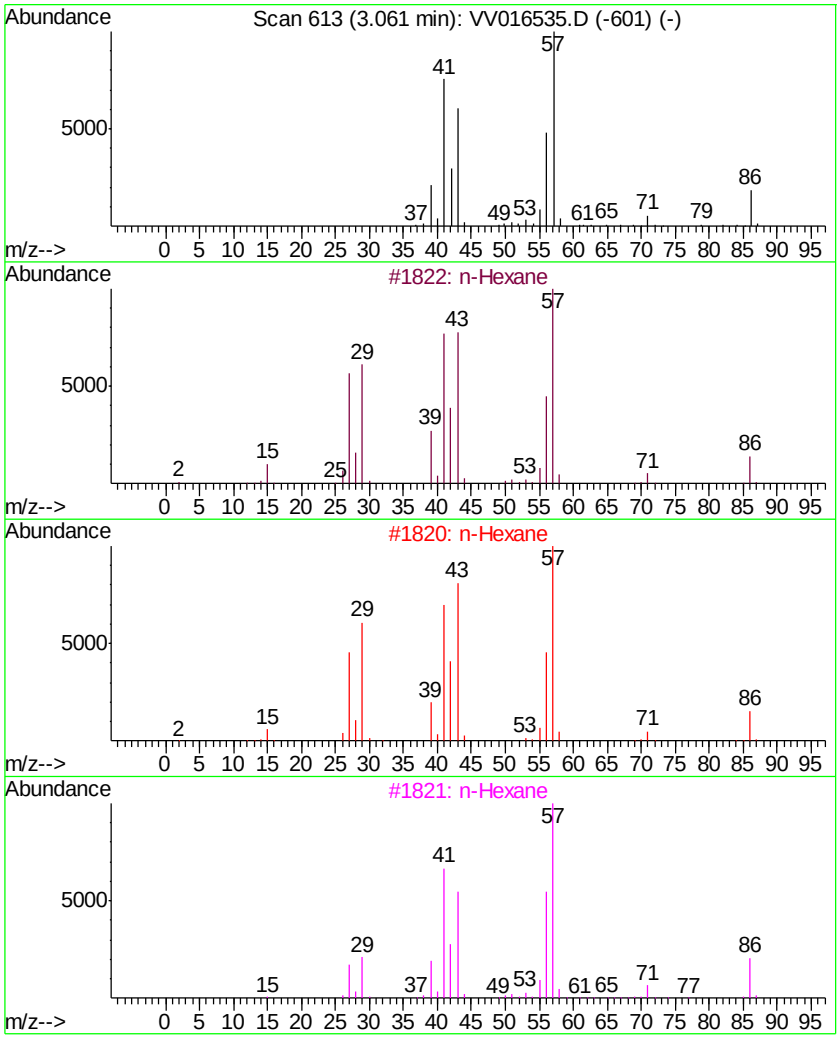
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

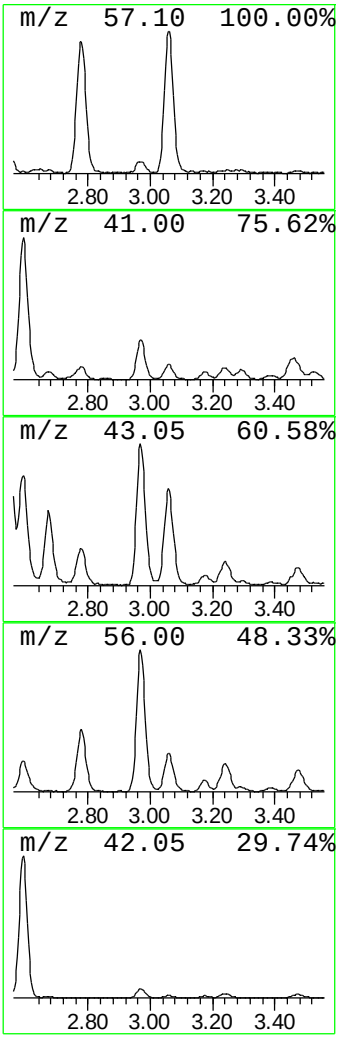
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	9.62 ug/L	182482	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	64
2	n-Hexane	86	C6H14	000110-54-3	59
3	n-Hexane	86	C6H14	000110-54-3	52
4	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	40
5	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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

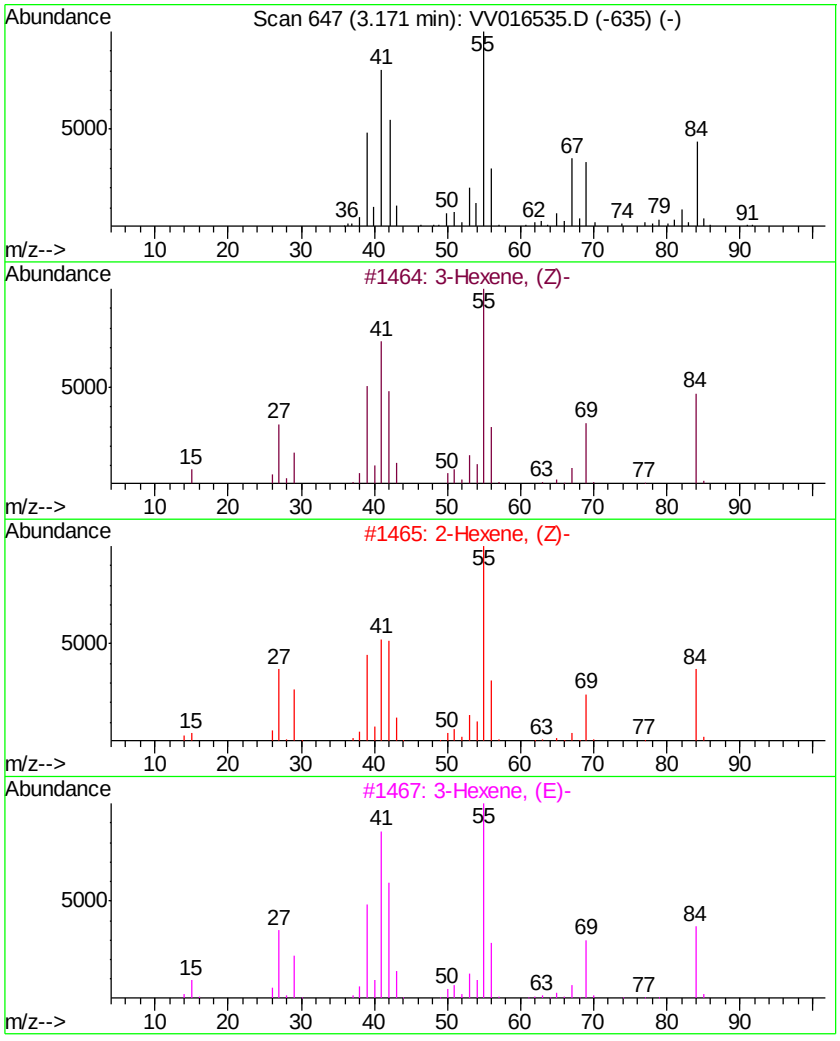
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

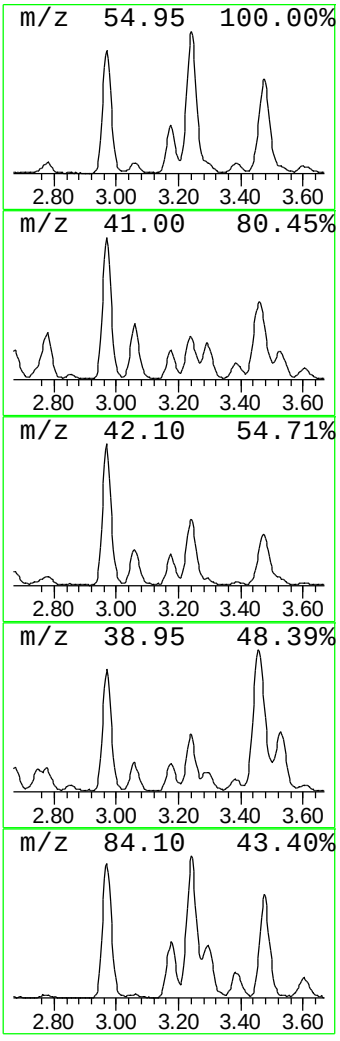
****

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	6.32 ug/L	119921	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	2-Hexene, (Z)-	84	C6H12	007688-21-3	81
3	3-Hexene, (E)-	84	C6H12	013269-52-8	81
4	3-Hexene, (Z)-	84	C6H12	007642-09-3	64
5	2-Hexene	84	C6H12	000592-43-8	60





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

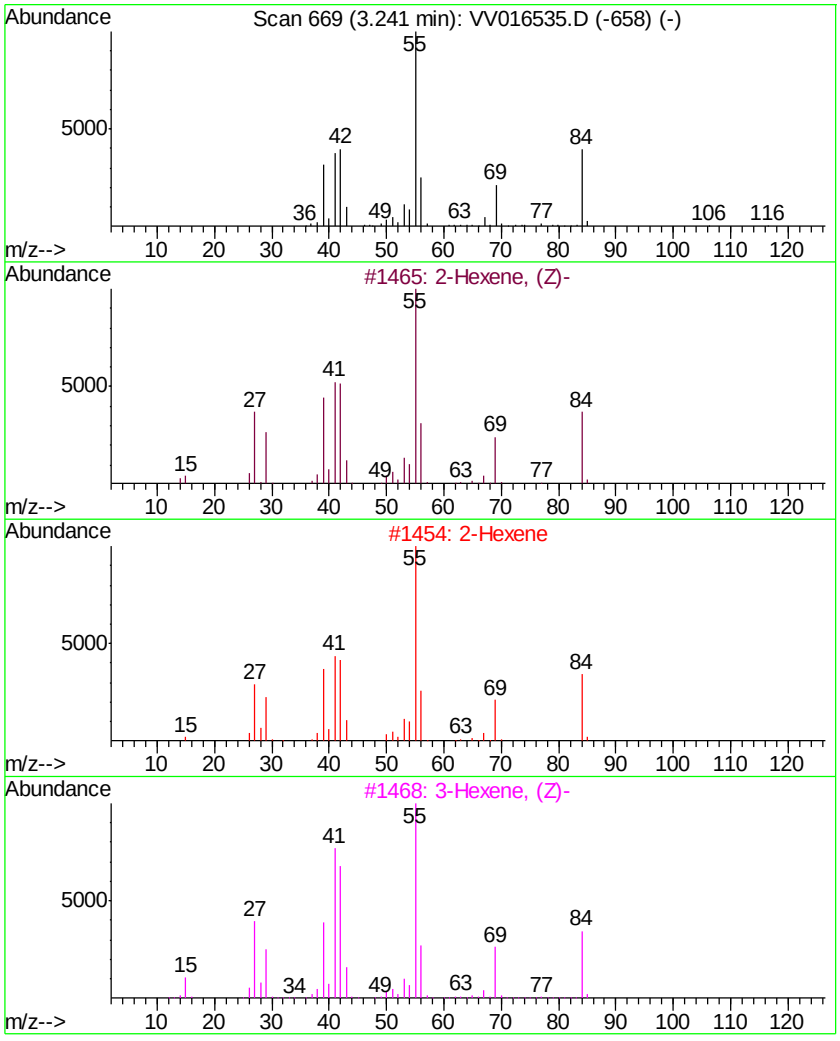
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

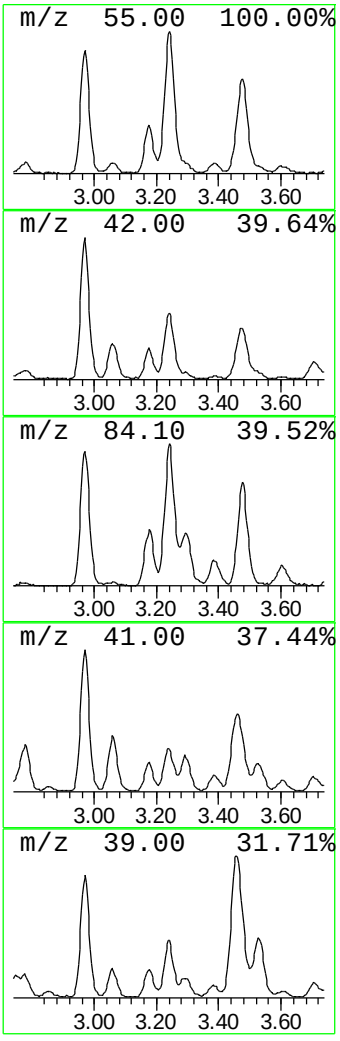
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	11.16 ug/L	211721	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, (Z)-	84	C6H12	007688-21-3	95
2	2-Hexene	84	C6H12	000592-43-8	94
3	3-Hexene, (Z)-	84	C6H12	007642-09-3	91
4	2-Hexene	84	C6H12	000592-43-8	91
5	2-Hexene, (E)-	84	C6H12	004050-45-7	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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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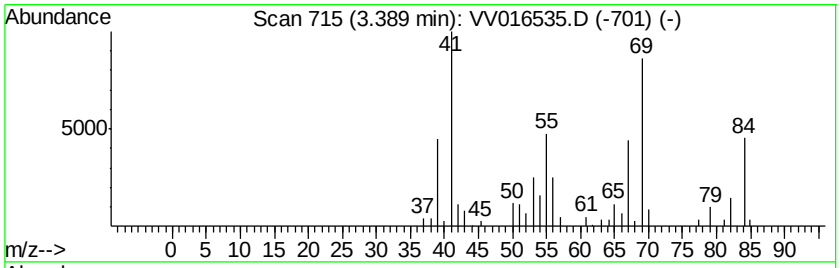
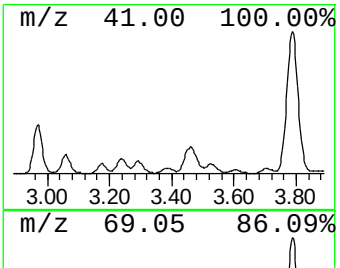
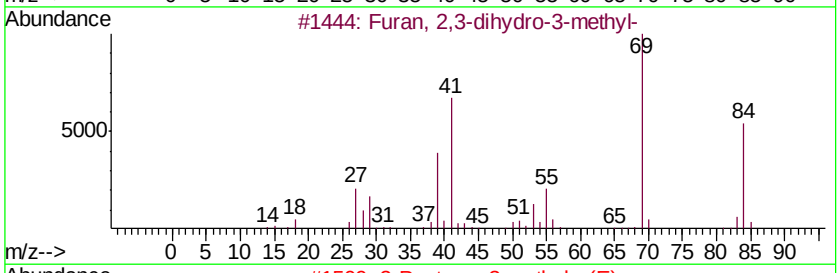
Peak Number 17 Furan, 2,3-dihydro-3-methyl- Concentration Rank 67

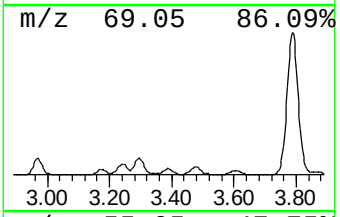
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	2.74 ug/L	52038	1,4-Difluorobenzene	5.64

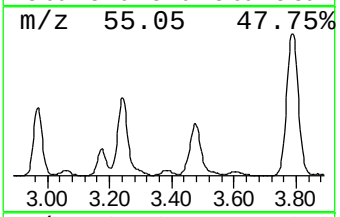
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2,3-dihydro-3-methyl-	84	C5H8O	001708-27-6	50
2	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	49
3	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	49
4	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	49
5	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	49

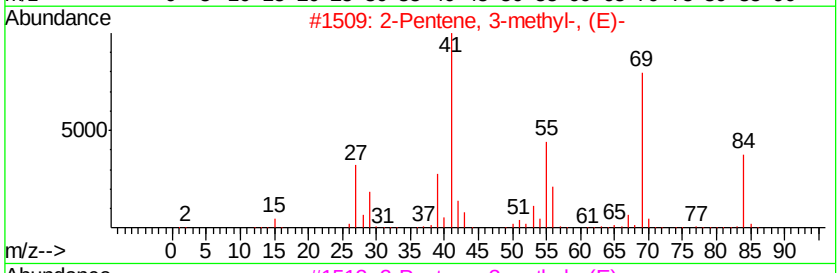


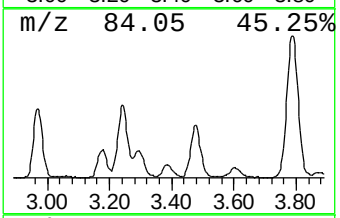


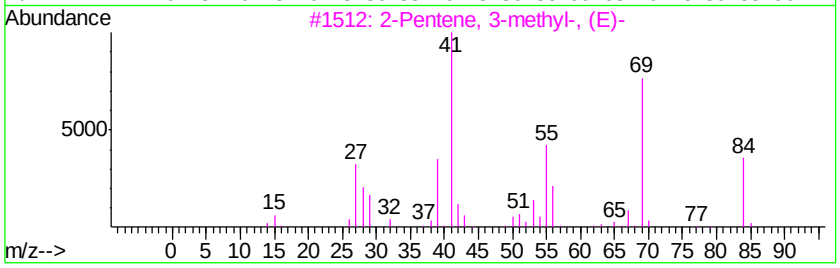


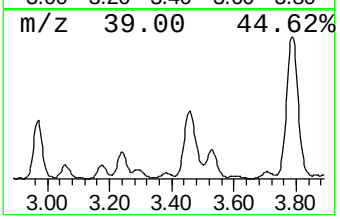












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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

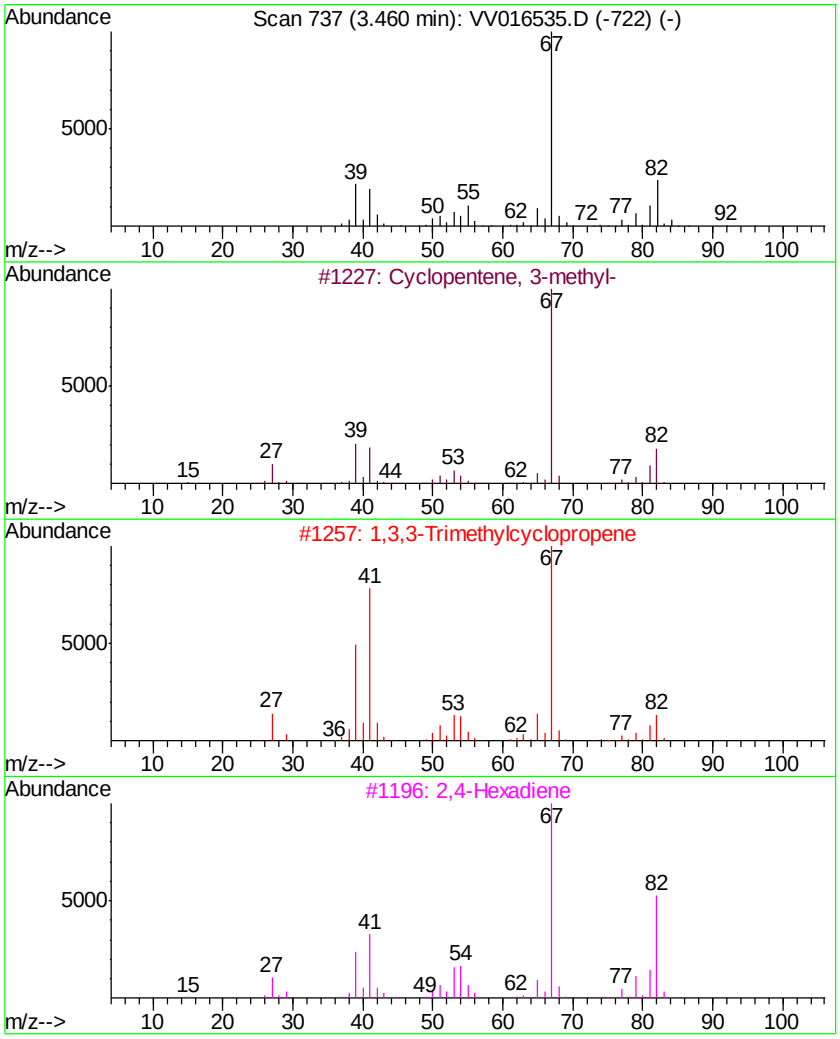
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

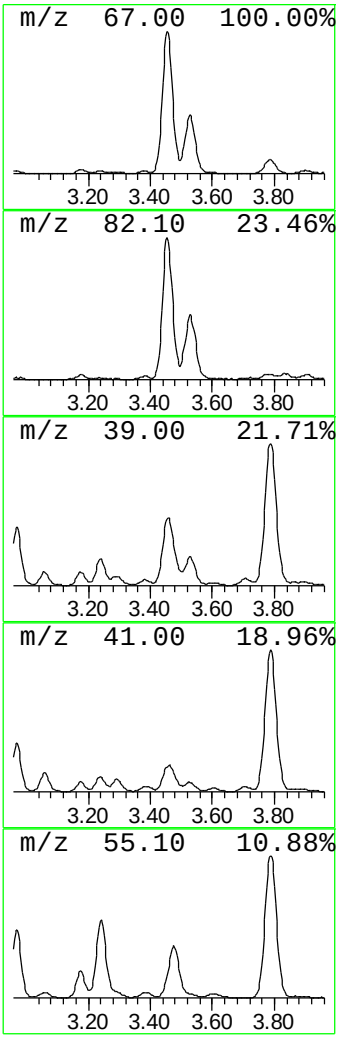
****

Peak Number 18 Cyclopentene, 3-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.46	42.47 ug/L	805994	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	1,3,3-Trimethylcyclopropene	82	C6H10	003664-56-0	91
3	2,4-Hexadiene	82	C6H10	000592-46-1	91
4	1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	91
5	2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	91





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Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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

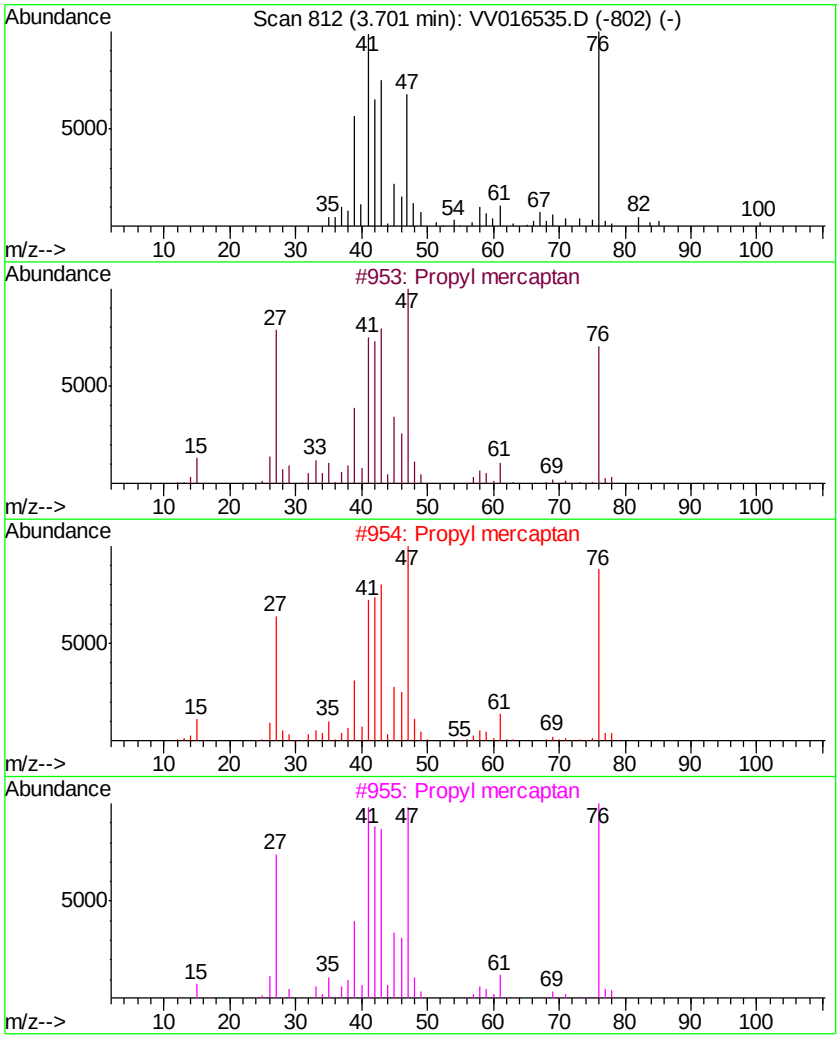
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

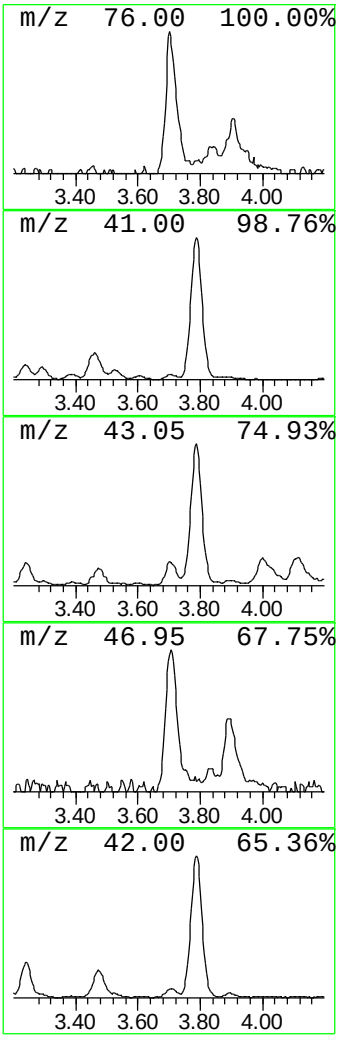
****

Peak Number 19 Propyl mercaptan Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	3.34 ug/L	63397	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propyl mercaptan	76	C3H8S	000107-03-9	90
2	Propyl mercaptan	76	C3H8S	000107-03-9	90
3	Propyl mercaptan	76	C3H8S	000107-03-9	87
4	Monopropyl carbonotrithioate	152	C4H8S3	068060-07-1	80
5	Propyl mercaptan	76	C3H8S	000107-03-9	74





Library Search Compound Report

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Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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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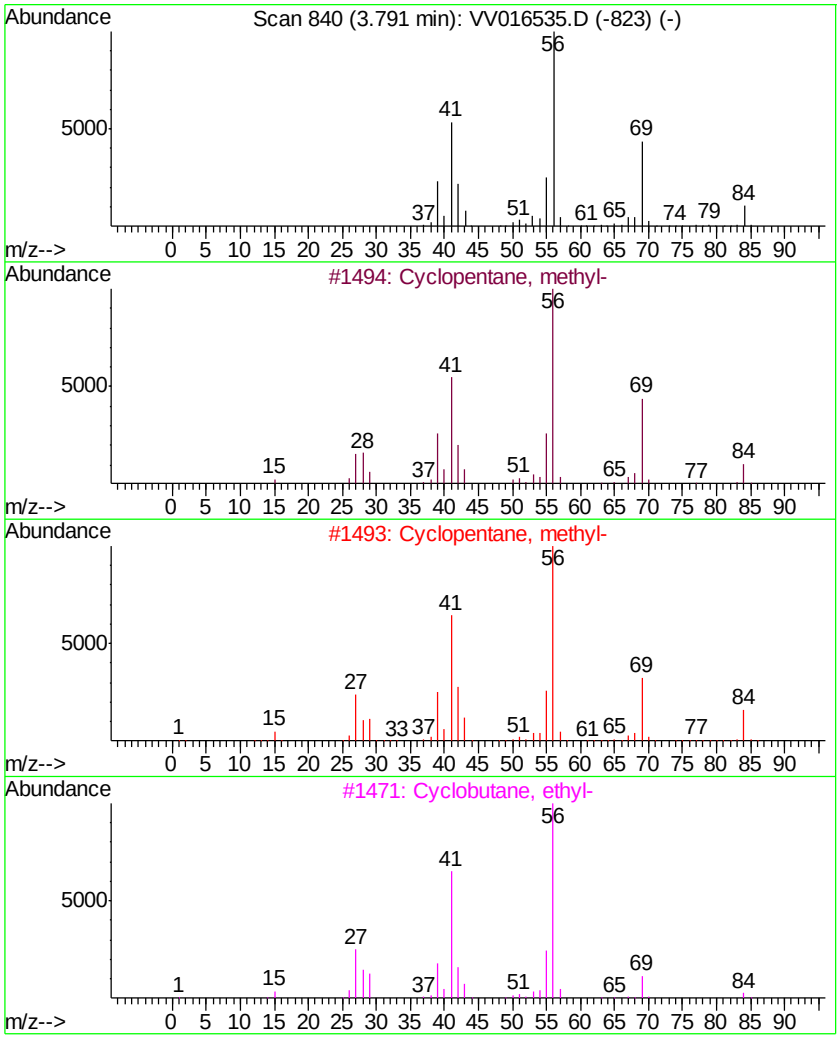
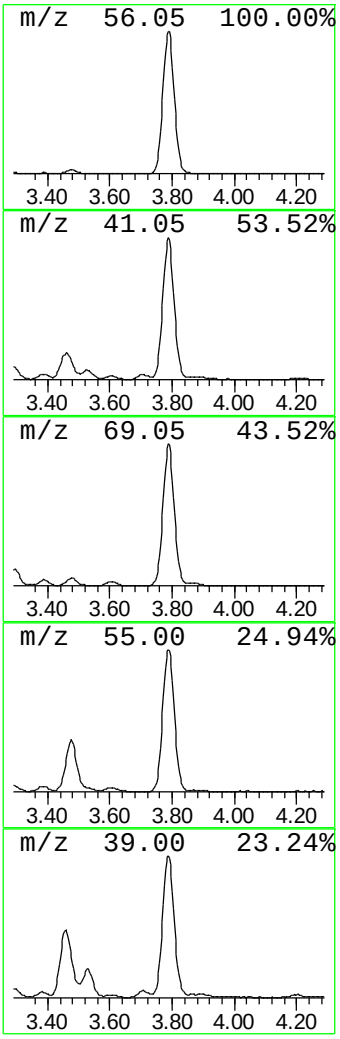
Peak Number 20 (DEL) Alkane: Cyclic3.79 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.79	104.34 ug/L	1980290	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	Cyclobutane, ethyl-	84	C6H12	004806-61-5	80
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72





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Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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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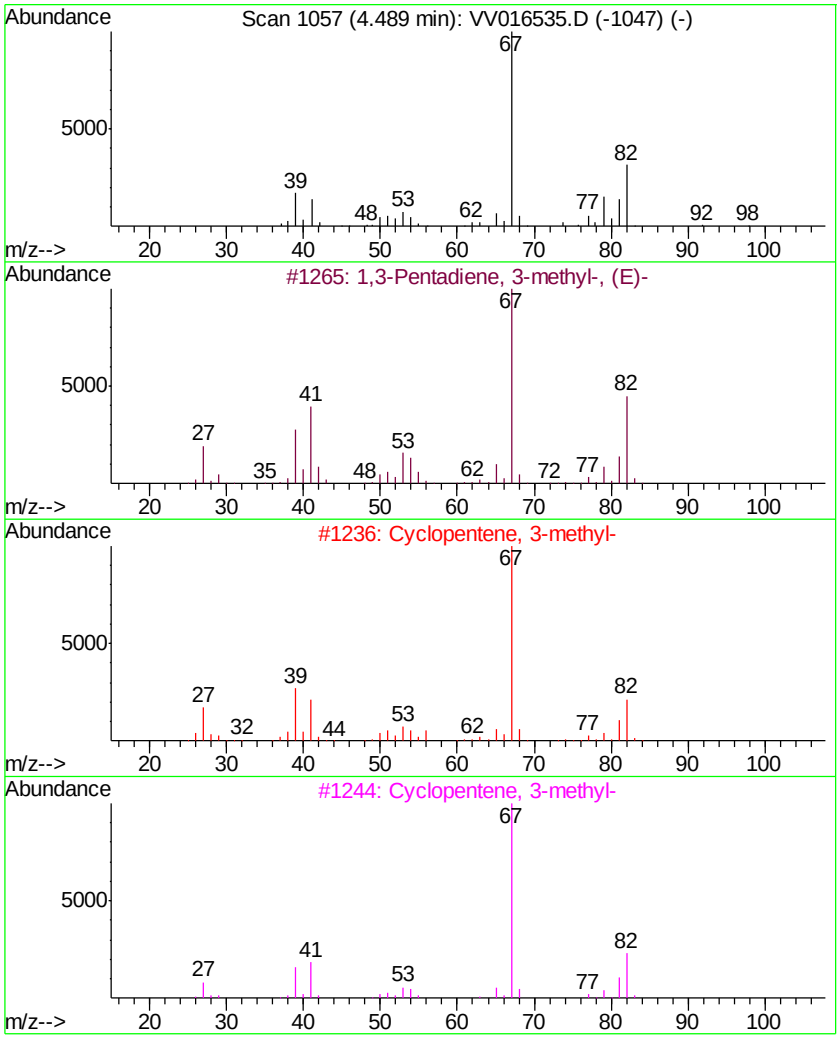
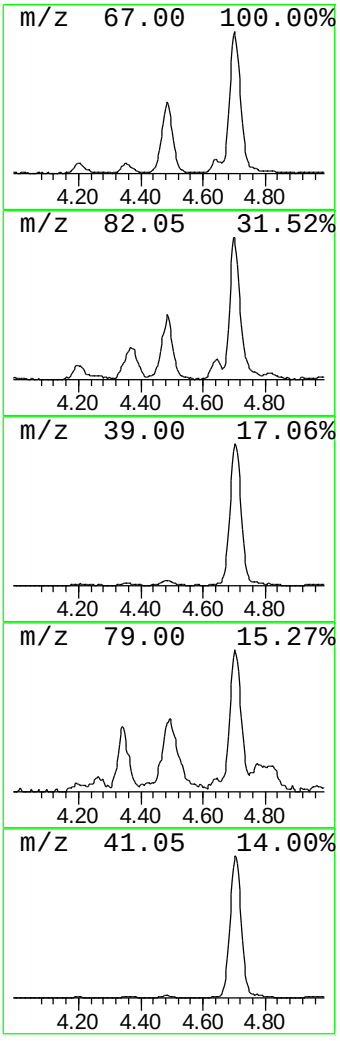
Peak Number 21 1,3-Pentadiene, 3-methyl-, ... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.49	6.87 ug/L	130333	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentadiene, 3-methyl-, (E)-	82	C6H10	002787-43-1	80
2	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	80
3	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	80
4	Cyclopentane, methylene-	82	C6H10	001528-30-9	80
5	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	80





Library Search Compound Report

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Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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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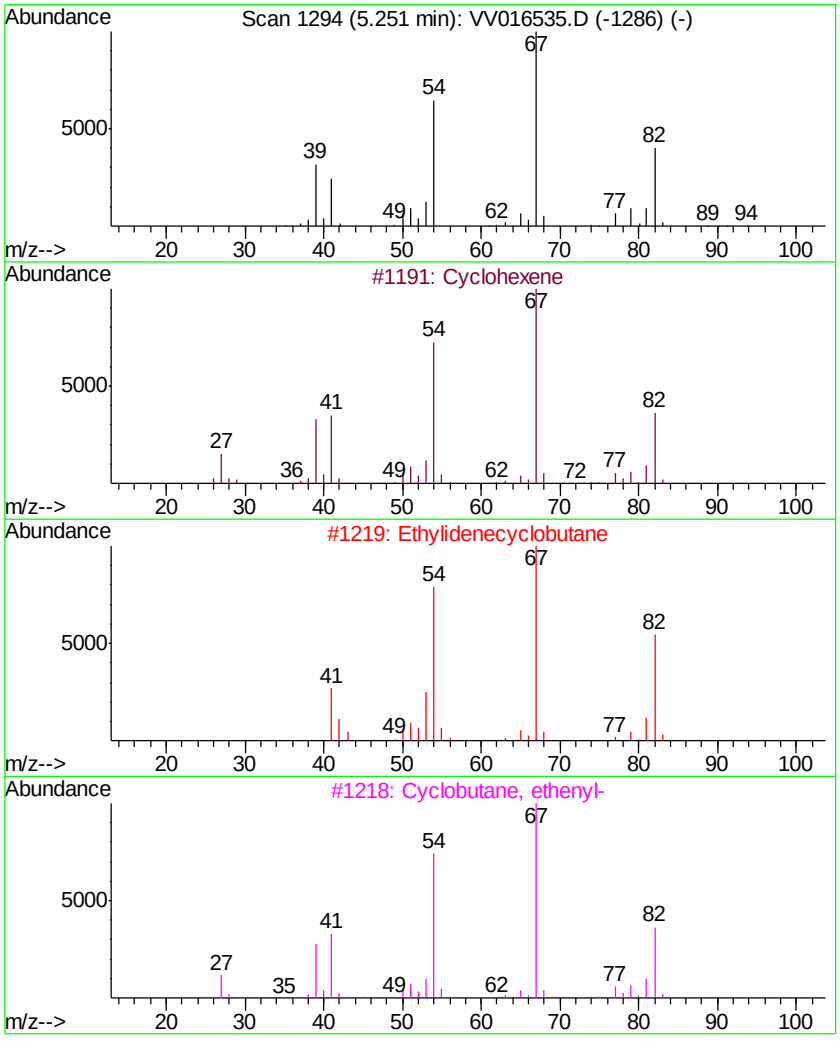
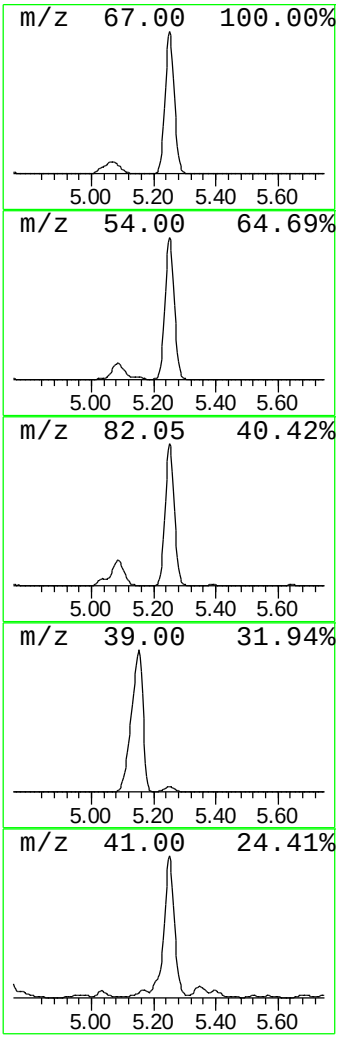
Peak Number 22 Cyclohexene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	148.03 ug/L	2809400	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene	82	C6H10	000110-83-8	90
2	Ethylidenecyclobutane	82	C6H10	001528-21-8	90
3	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	90
4	Cyclohexene	82	C6H10	000110-83-8	87
5	Cyclohexene	82	C6H10	000110-83-8	80





Library Search Compound Report

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Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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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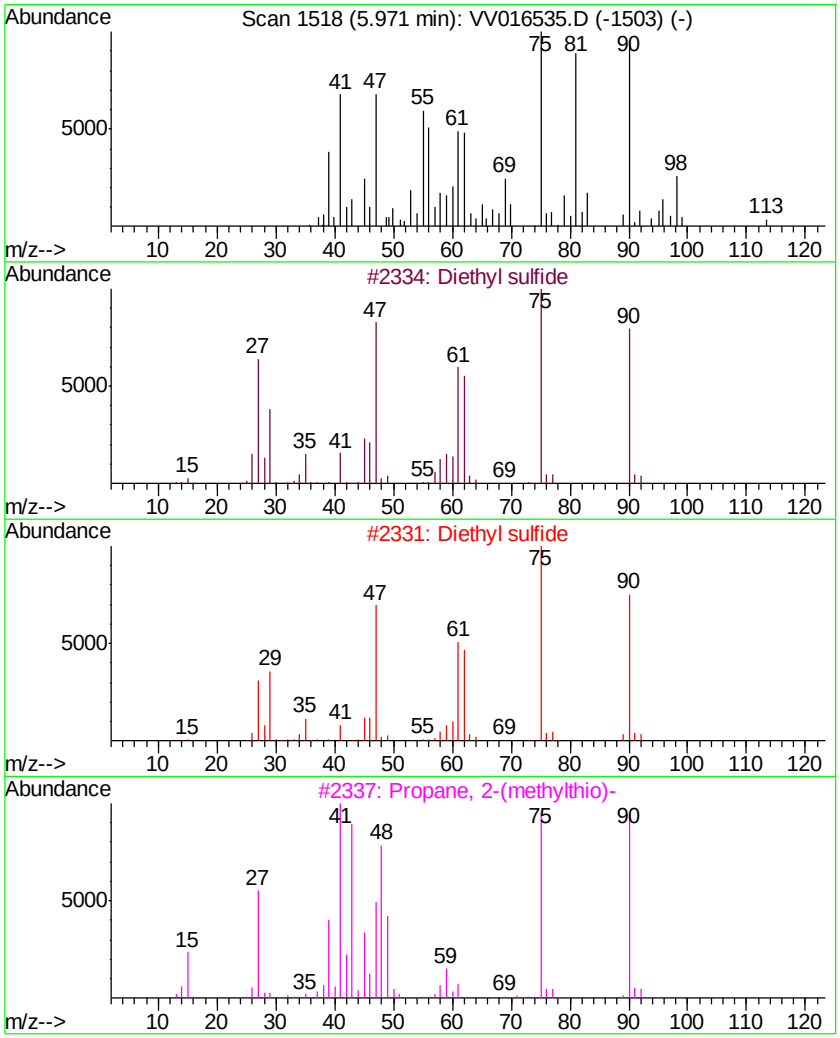
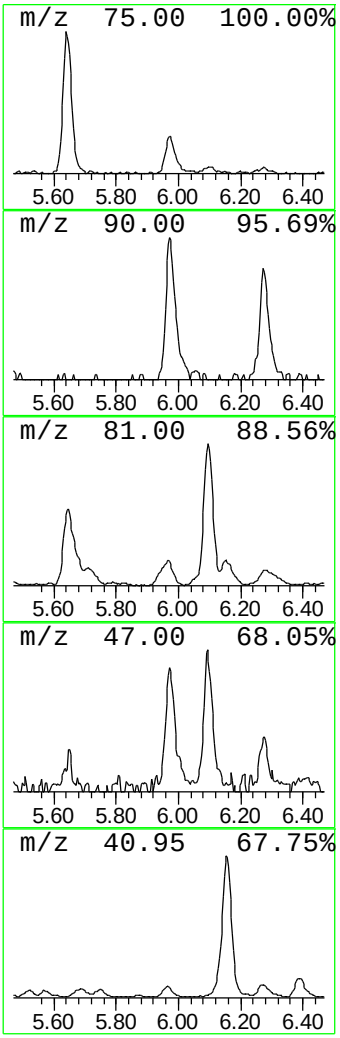
Peak Number 23 Diethyl sulfide Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	4.41 ug/L	83785	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl sulfide	90	C4H10S	000352-93-2	81
2	Diethyl sulfide	90	C4H10S	000352-93-2	81
3	Propane, 2-(methylthio)-	90	C4H10S	001551-21-9	43
4	Propane, 2-(methylthio)-	90	C4H10S	001551-21-9	43
5	Propane, 2-(methylthio)-	90	C4H10S	001551-21-9	38





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Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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

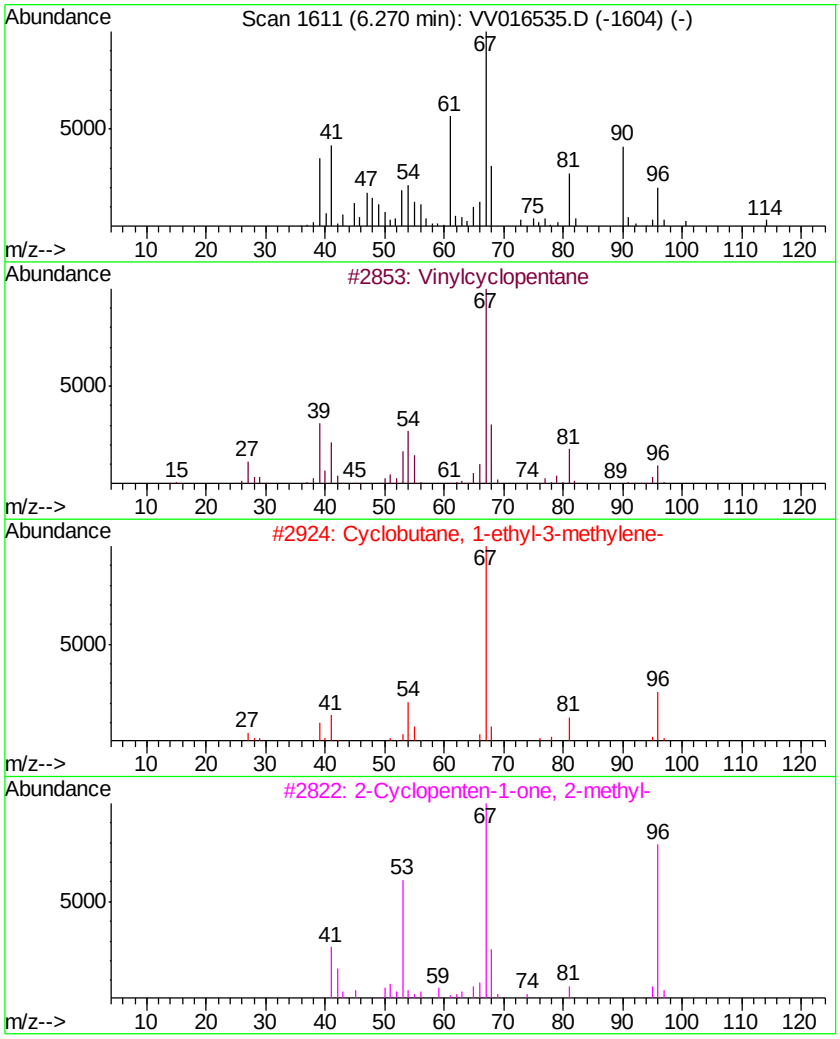
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

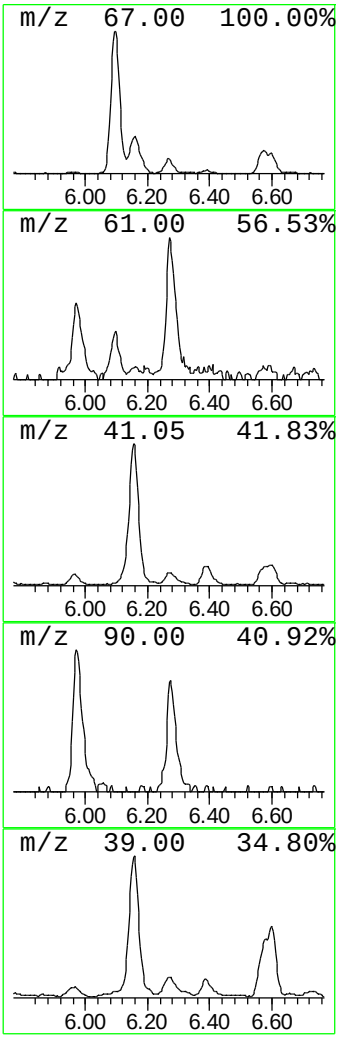
****

Peak Number 24 unknown-01 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	3.07 ug/L	58292	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vinylcyclopentane	96	C7H12	003742-34-5	43
2	Cyclobutane, 1-ethyl-3-methylene-	96	C7H12	056335-70-7	43
3	2-Cyclopenten-1-one, 2-methyl-	96	C6H8O	001120-73-6	43
4	1-Ethylcyclopentene	96	C7H12	002146-38-5	38
5	1-Ethylcyclopentene	96	C7H12	002146-38-5	38





Library Search Compound Report

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Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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

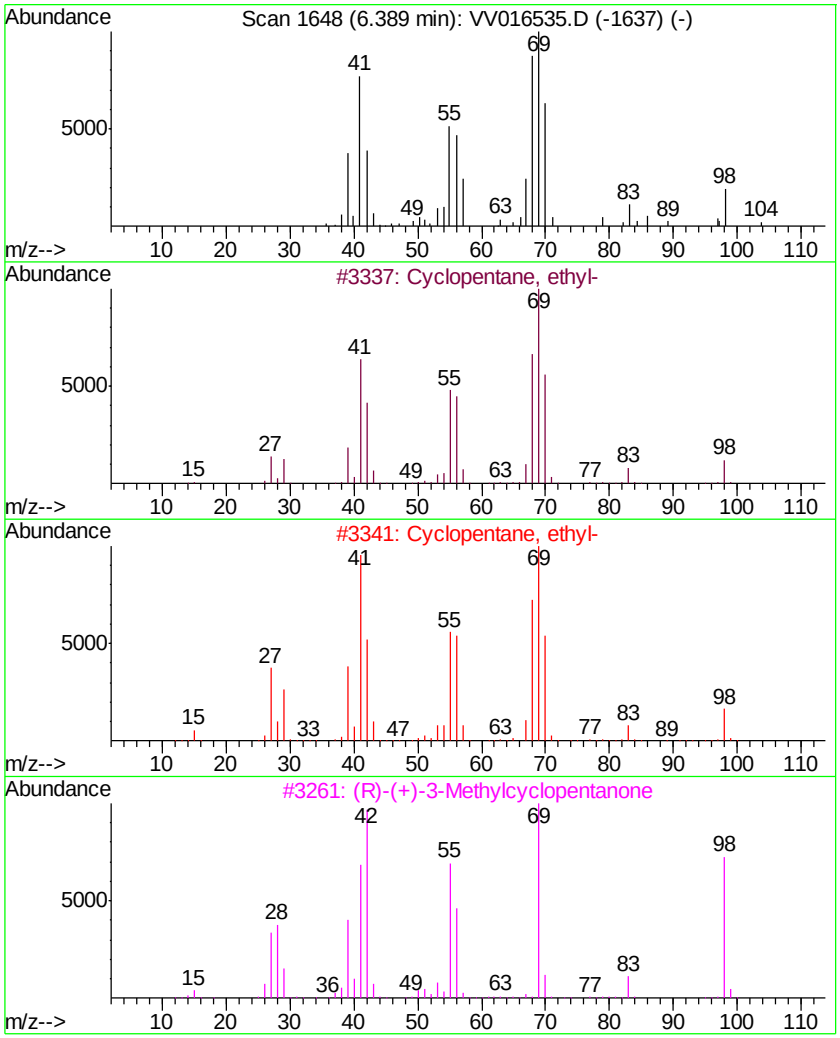
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

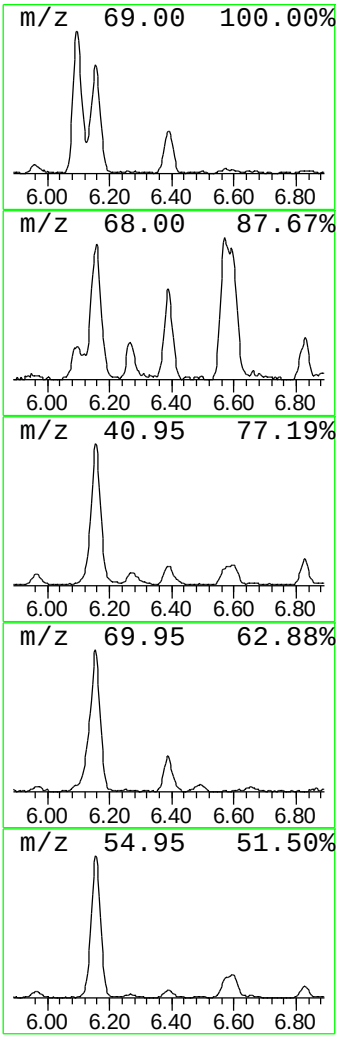
****

Peak Number 25 (DEL) Alkane: Cyclic6.39 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	4.05 ug/L	76847	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	86
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	78
3	(R)-(+)-3-Methylcyclopentanone	98	C6H10O	006672-30-6	43
4	Cyanamide, dimethyl-	70	C3H6N2	001467-79-4	38
5	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	38





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Data File : VV016535.D
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Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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

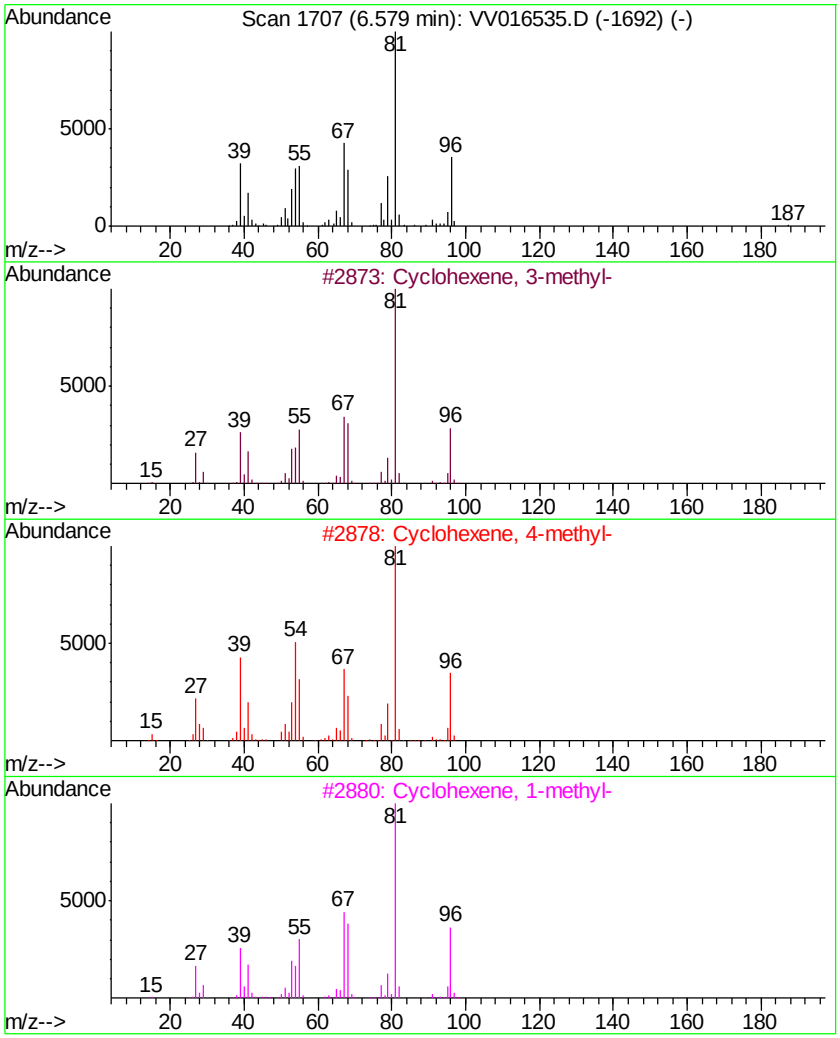
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

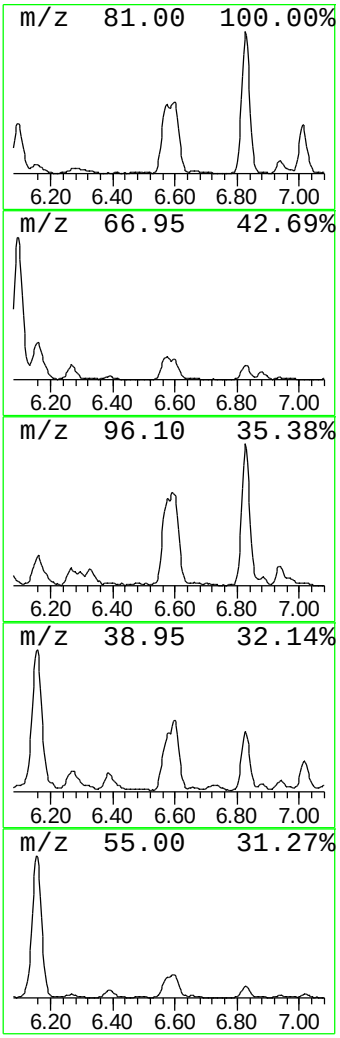
****

Peak Number 26 Cyclohexene, 3-methyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	9.78 ug/L	185660	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, 4-methyl-	96	C7H12	000591-47-9	90
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	90
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	87
5	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	76





Library Search Compound Report

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Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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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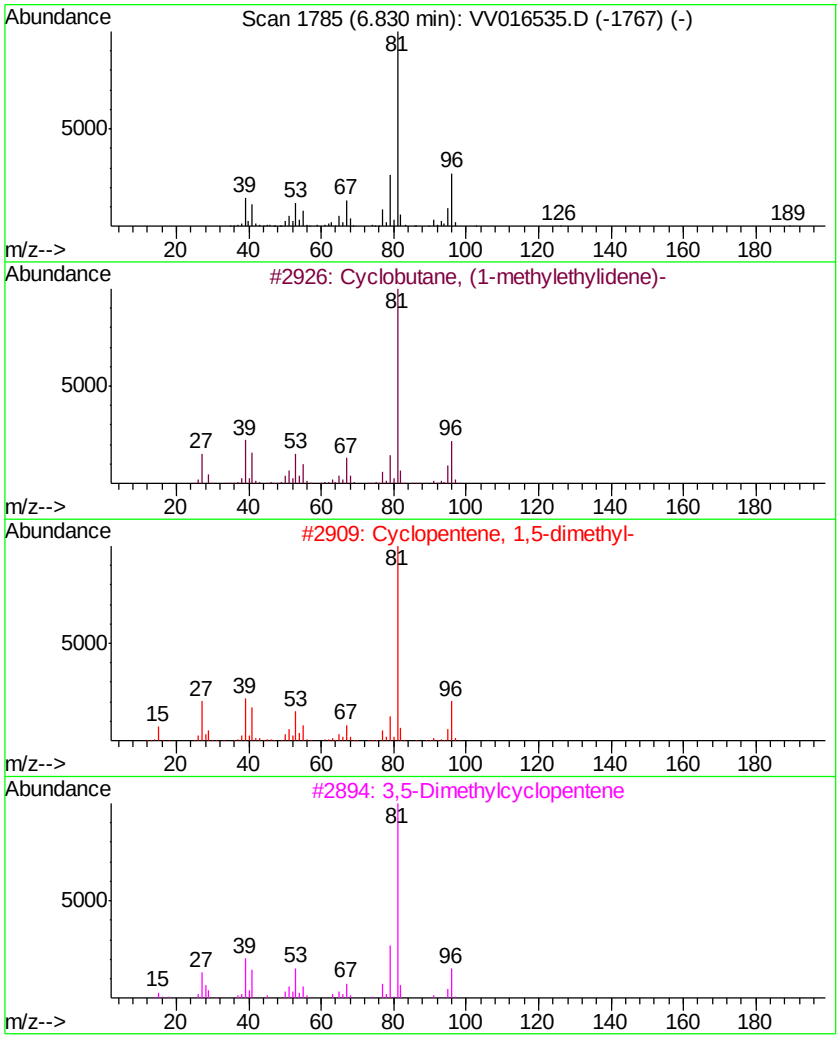
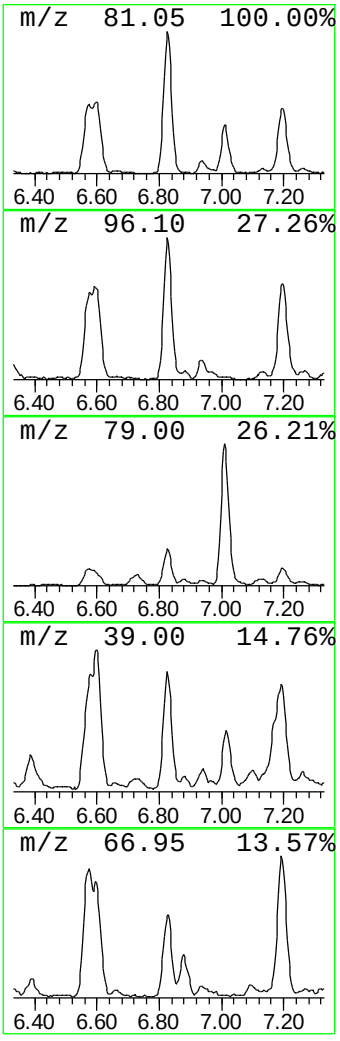
Peak Number 27 Cyclobutane, (1-methylethyl... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	14.97 ug/L	284195	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	90
2	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	87
3	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	78
4	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	72
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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

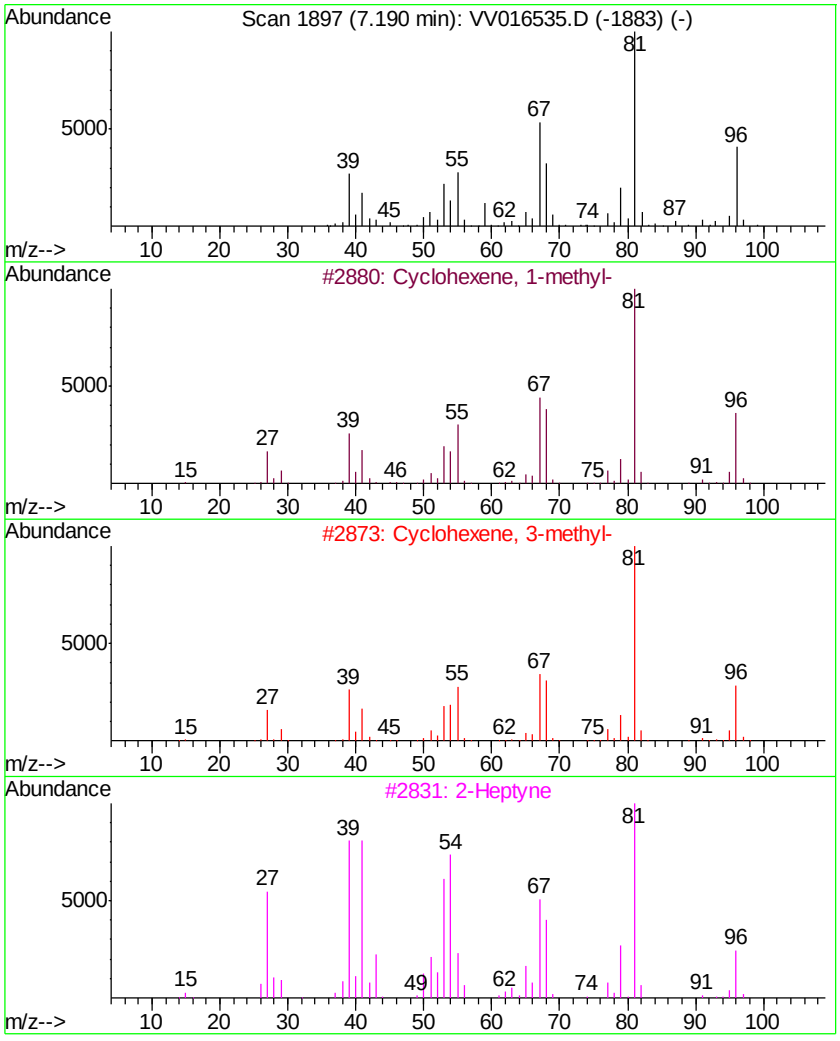
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

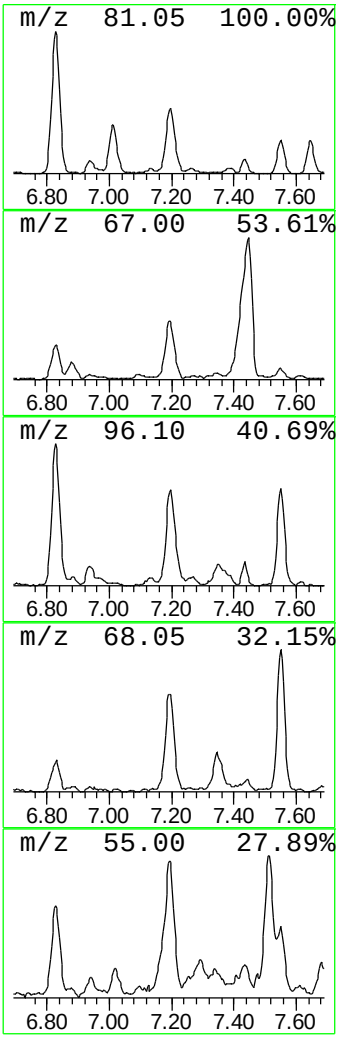
****

Peak Number 29 Cyclohexene, 1-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	16.74 ug/L	317760	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	94
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	87
3	2-Heptyne	96	C7H12	001119-65-9	87
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	86
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	76





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Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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

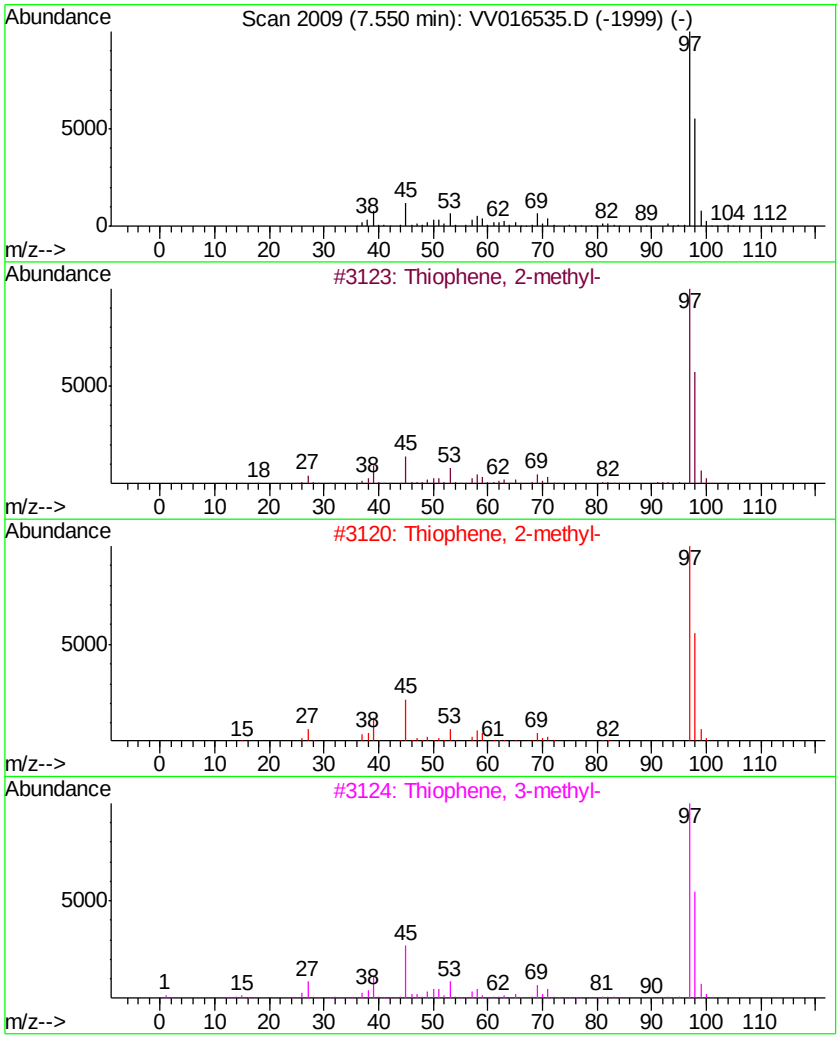
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

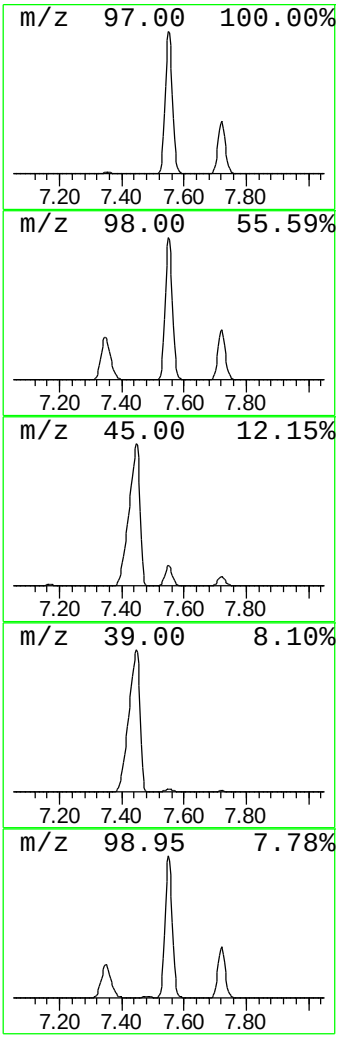
****

Peak Number 30 Thiophene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	201.33 ug/L	5002000	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	94
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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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

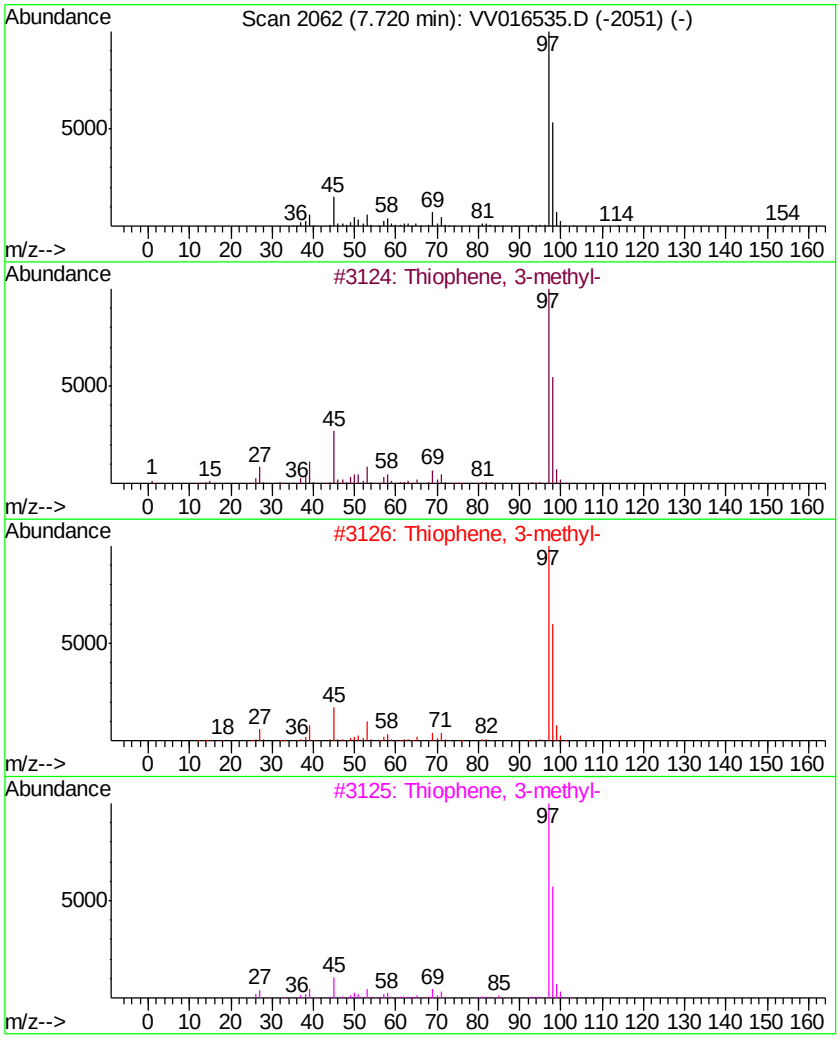
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

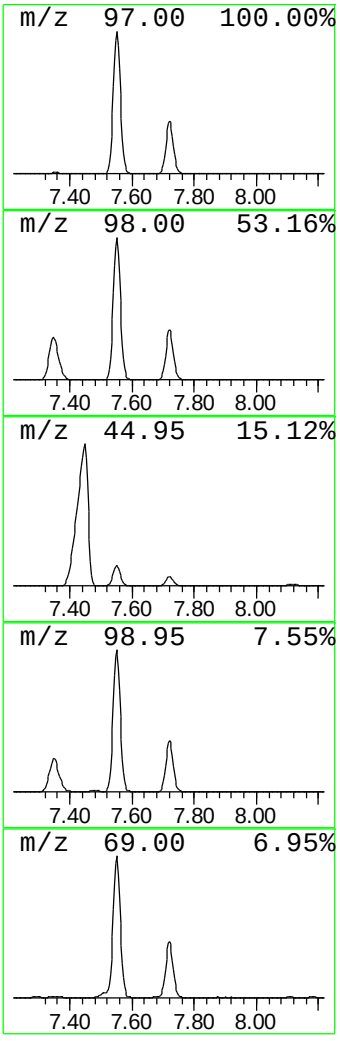
****

Peak Number 31 Thiophene, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	68.93 ug/L	1712540	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	94
2	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91
3	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91
4	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91
5	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	90





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Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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

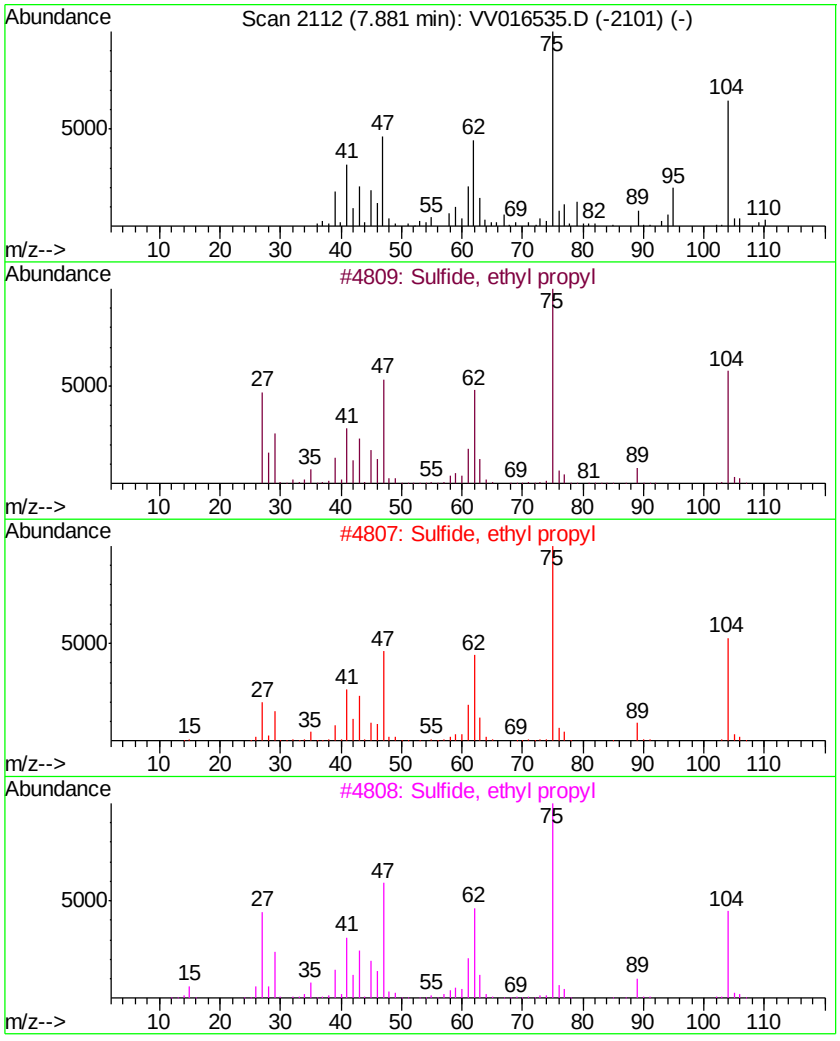
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

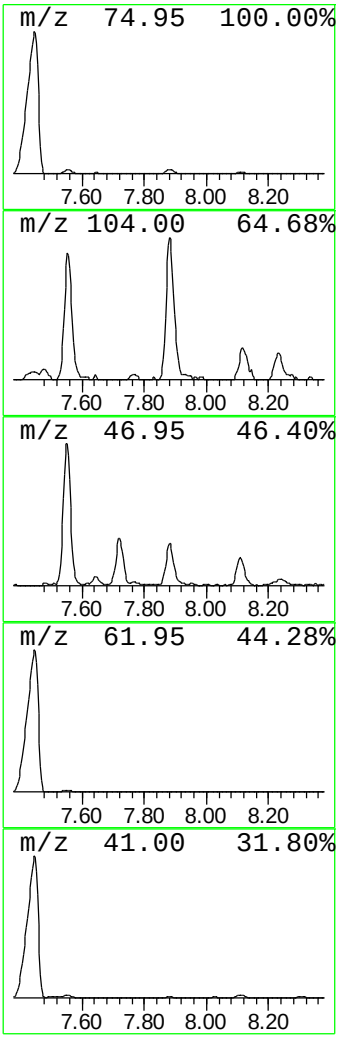
****

Peak Number 32 Sulfide, ethyl propyl Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	5.21 ug/L	129498	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfide, ethyl propyl	104	C5H12S	004110-50-3	96
2	Sulfide, ethyl propyl	104	C5H12S	004110-50-3	93
3	Sulfide, ethyl propyl	104	C5H12S	004110-50-3	90
4	Ethanethiol	62	C2H6S	000075-08-1	46
5	Ethanethiol	62	C2H6S	000075-08-1	43





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Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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

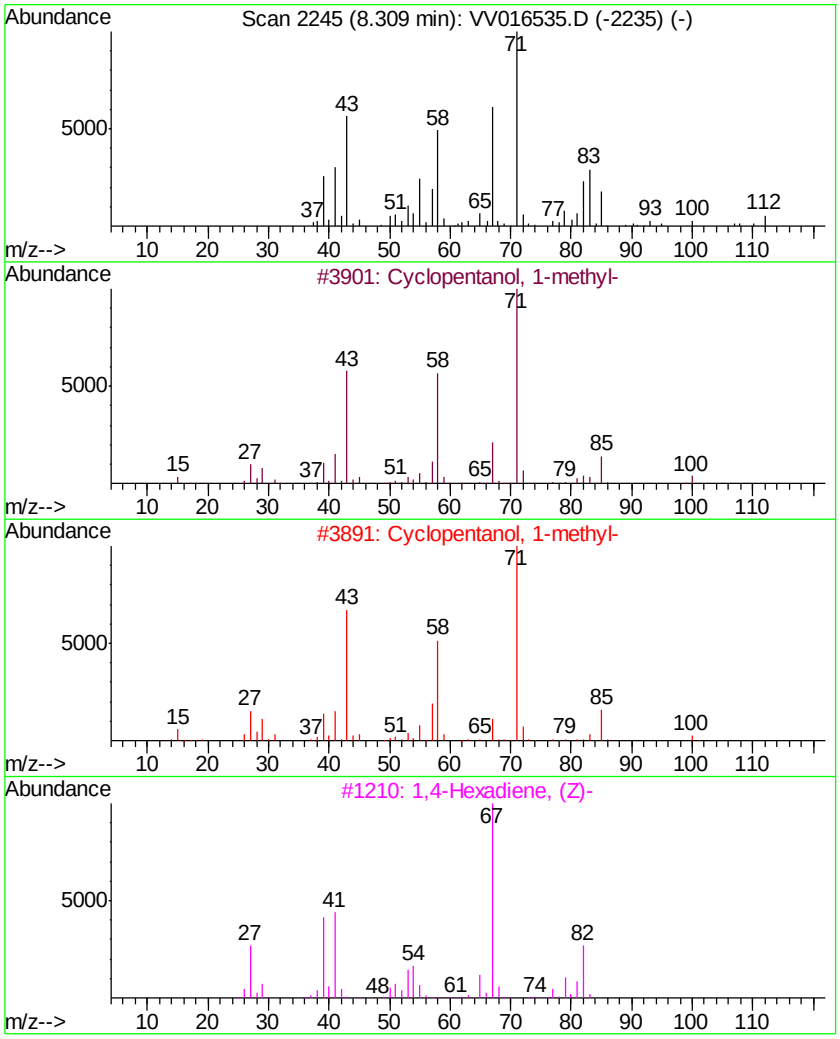
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

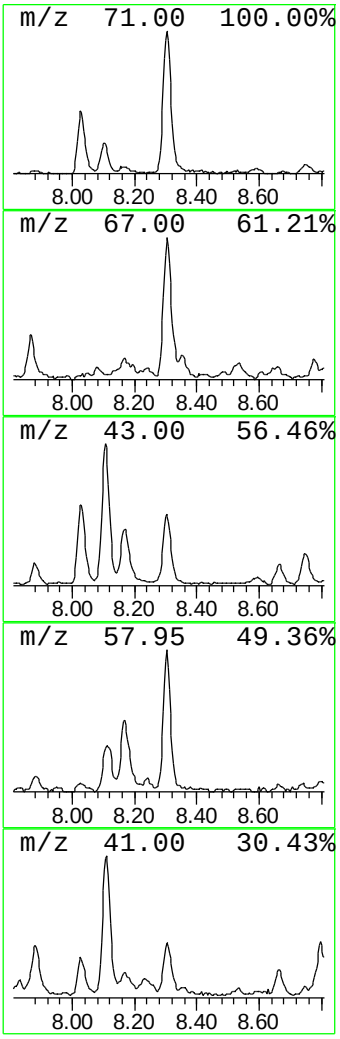
****

Peak Number 33 Cyclopentanol, 1-methyl- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	4.58 ug/L	113765	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	53
2	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	52
3	1,4-Hexadiene, (Z)-	82	C6H10	007318-67-4	20
4	1,4-Hexadiene	82	C6H10	000592-45-0	20
5	1,4-Hexadiene, (Z)-	82	C6H10	007318-67-4	20





Library Search Compound Report

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Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

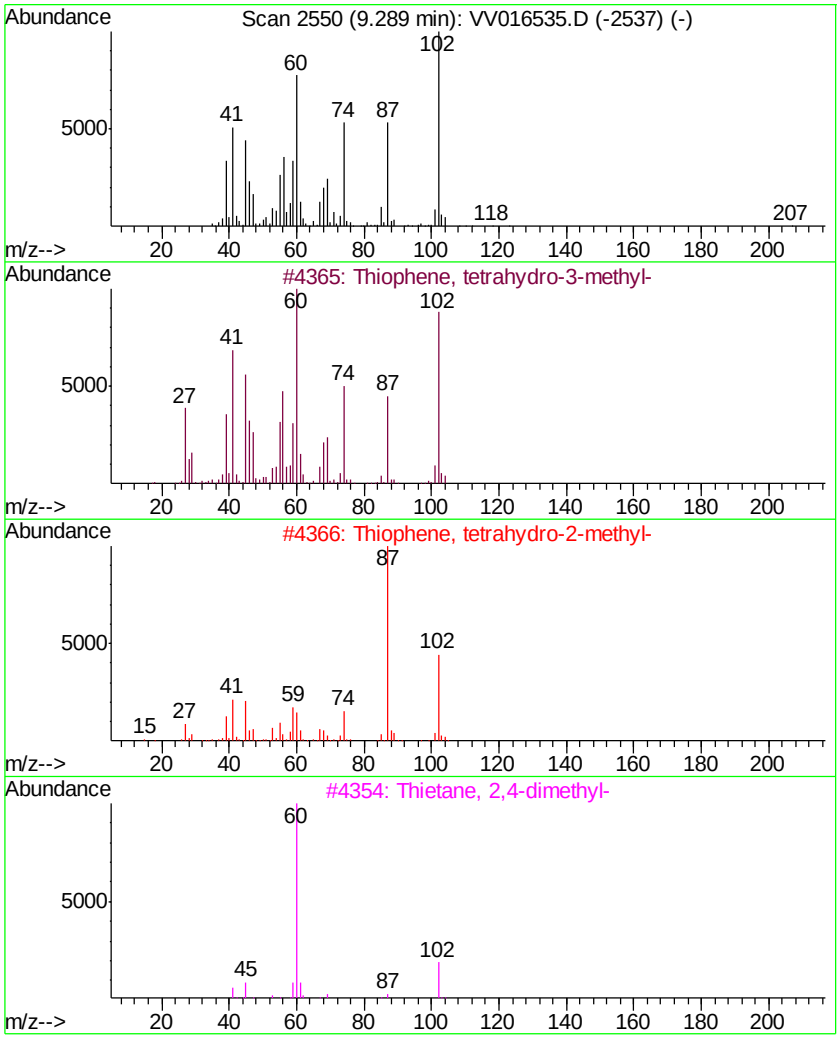
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

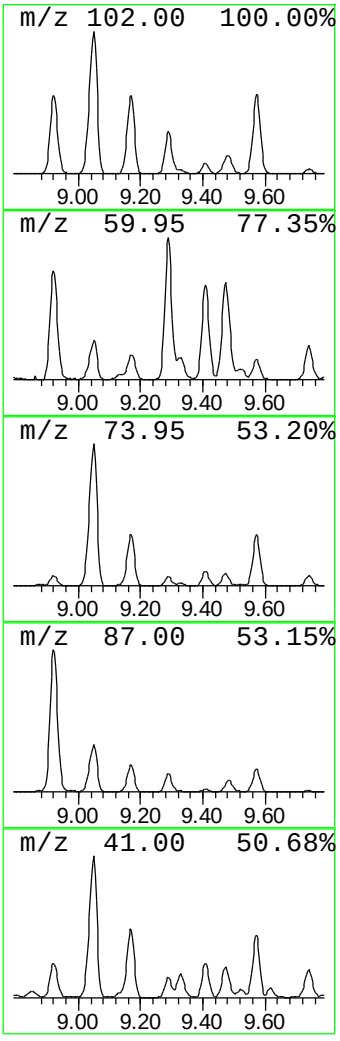
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Thiophene, tetrahydro-3-met... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	28.91 ug/L	718357	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-3-methyl-	102	C5H10S	004740-00-5	97
2	Thiophene, tetrahydro-2-methyl-	102	C5H10S	001795-09-1	49
3	Thietane, 2,4-dimethyl-	102	C5H10S	043044-24-2	47
4	1-Butene, 1-(methylthio)-, (Z)-	102	C5H10S	017414-15-2	43
5	2-Thiazolamine, 4,5-dihydro-	102	C3H6N2S	001779-81-3	38





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Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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

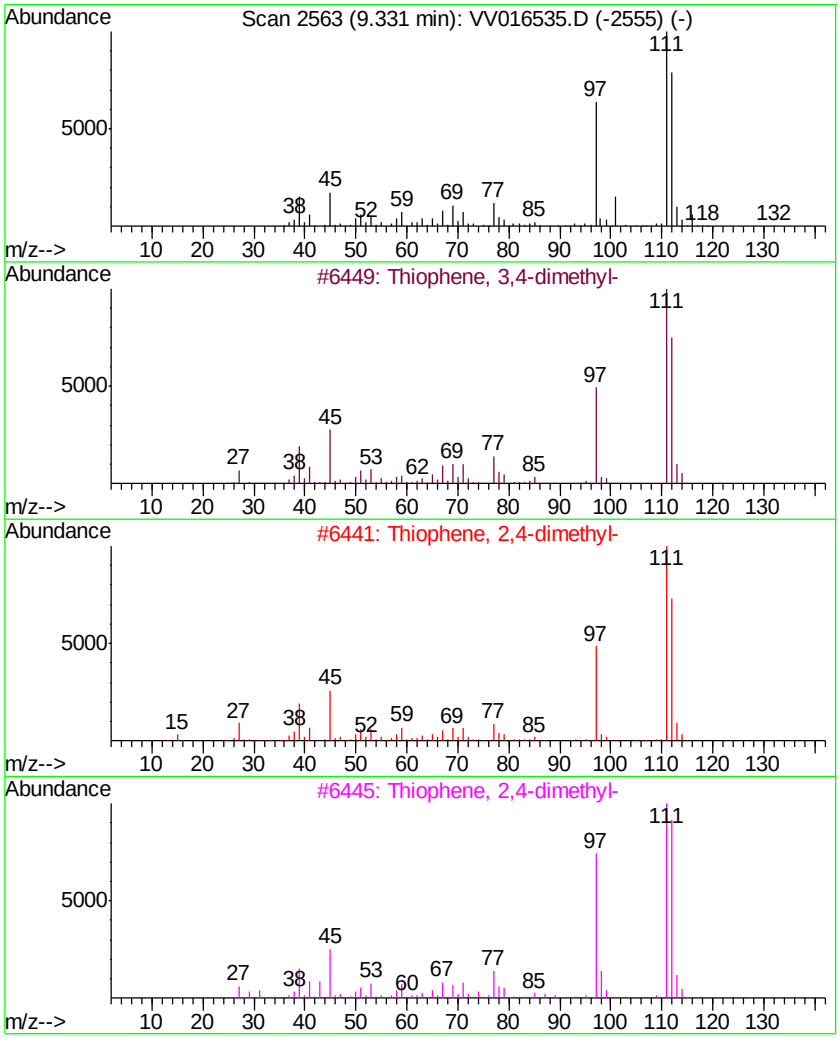
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

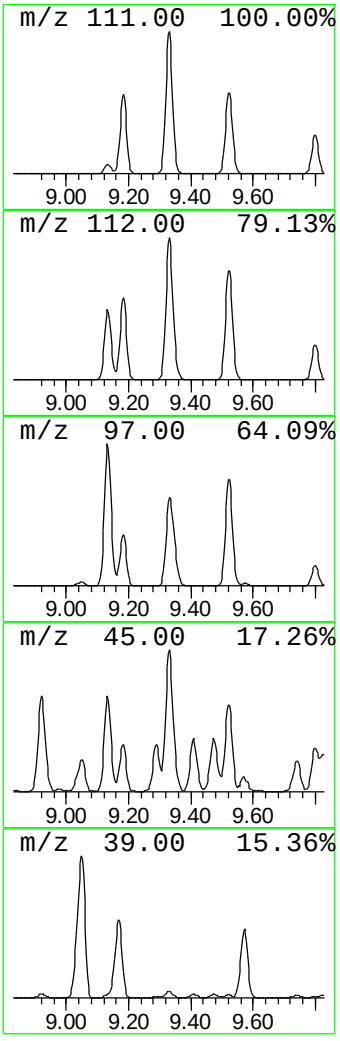
****

Peak Number 35 Thiophene, 3,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	129.65 ug/L	3221200	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 3,4-dimethyl-	112	C6H8S	000632-15-5	90
2	Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	87
3	Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	87
4	Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	87
5	Thiophene, 3,4-dimethyl-	112	C6H8S	000632-15-5	87





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Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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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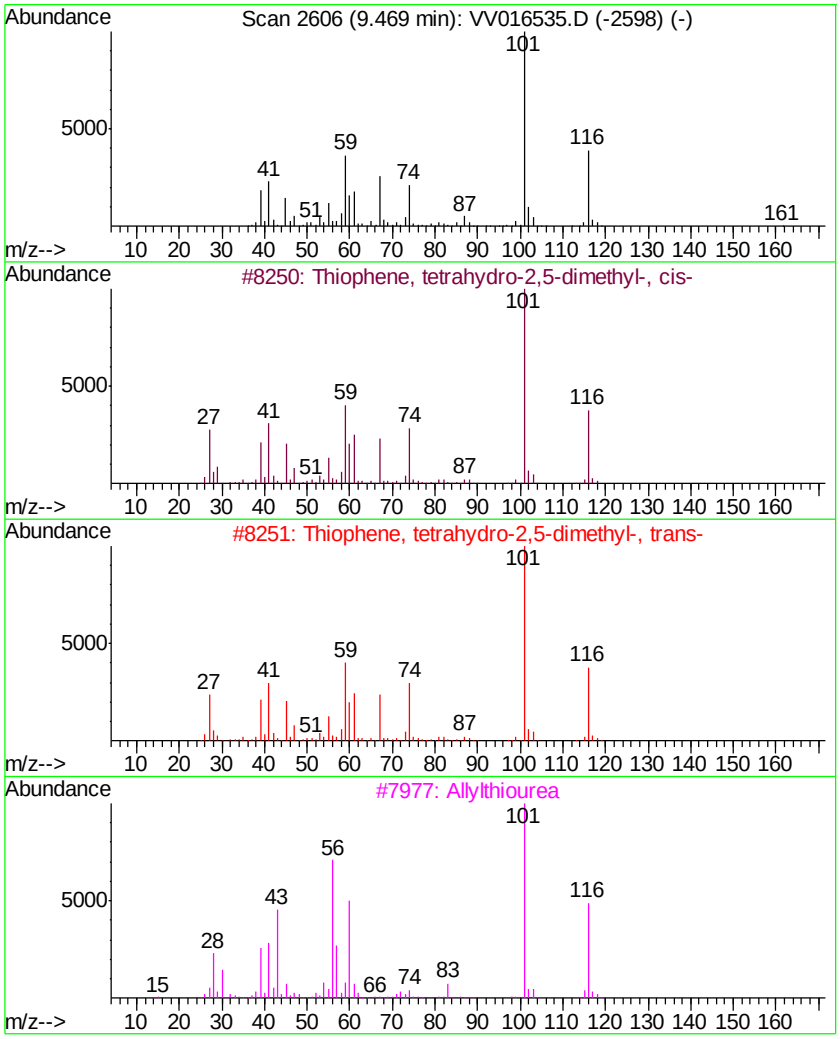
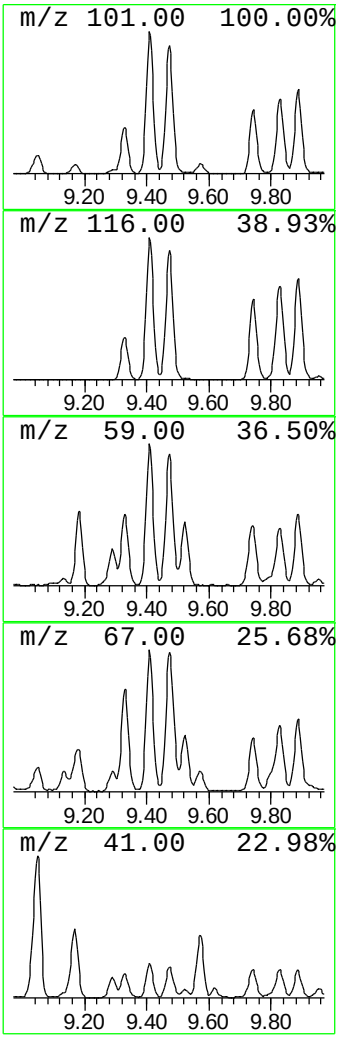
Peak Number 37 Thiophene, tetrahydro-2,5-d... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	55.60 ug/L	1381420	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	87
2	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	87
3	Allylthiourea	116	C4H8N2S	000109-57-9	47
4	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	47
5	1,3,4-Thiadiazol-2-amine	101	C2H3N3S	004005-51-0	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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

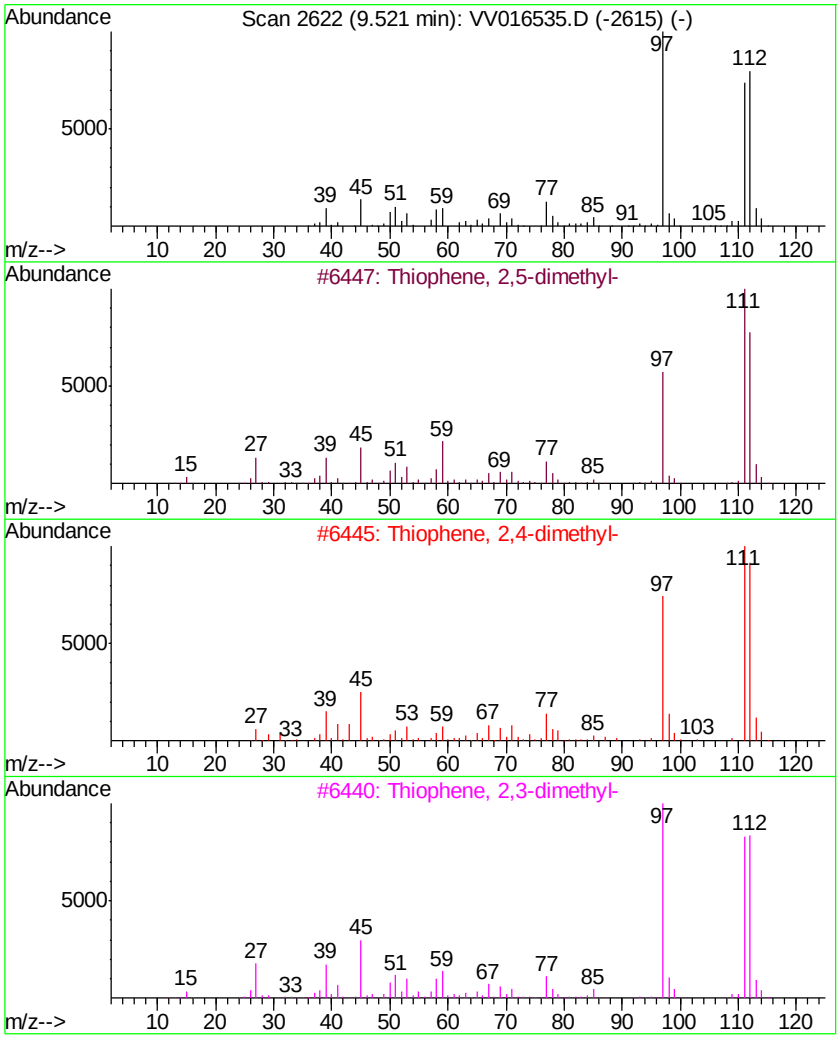
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

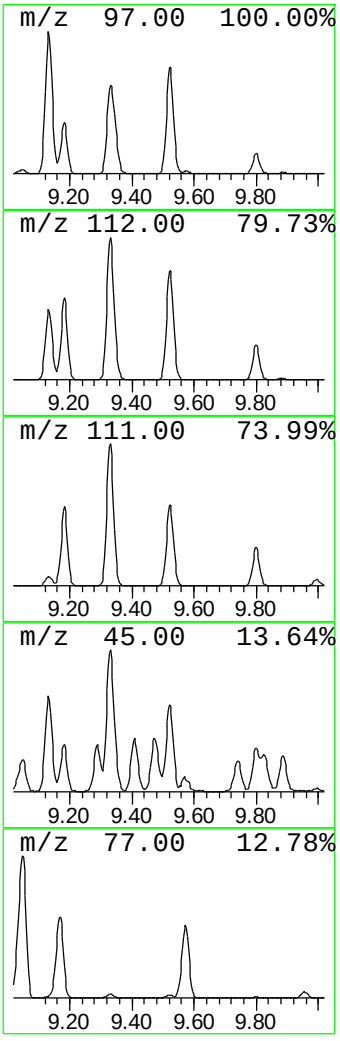
****

Peak Number 38 Thiophene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	72.02 ug/L	1789250	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	90
2	Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	86
3	Thiophene, 2,3-dimethyl-	112	C6H8S	000632-16-6	86
4	Thiophene, 2,3-dimethyl-	112	C6H8S	000632-16-6	78
5	Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	68





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Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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

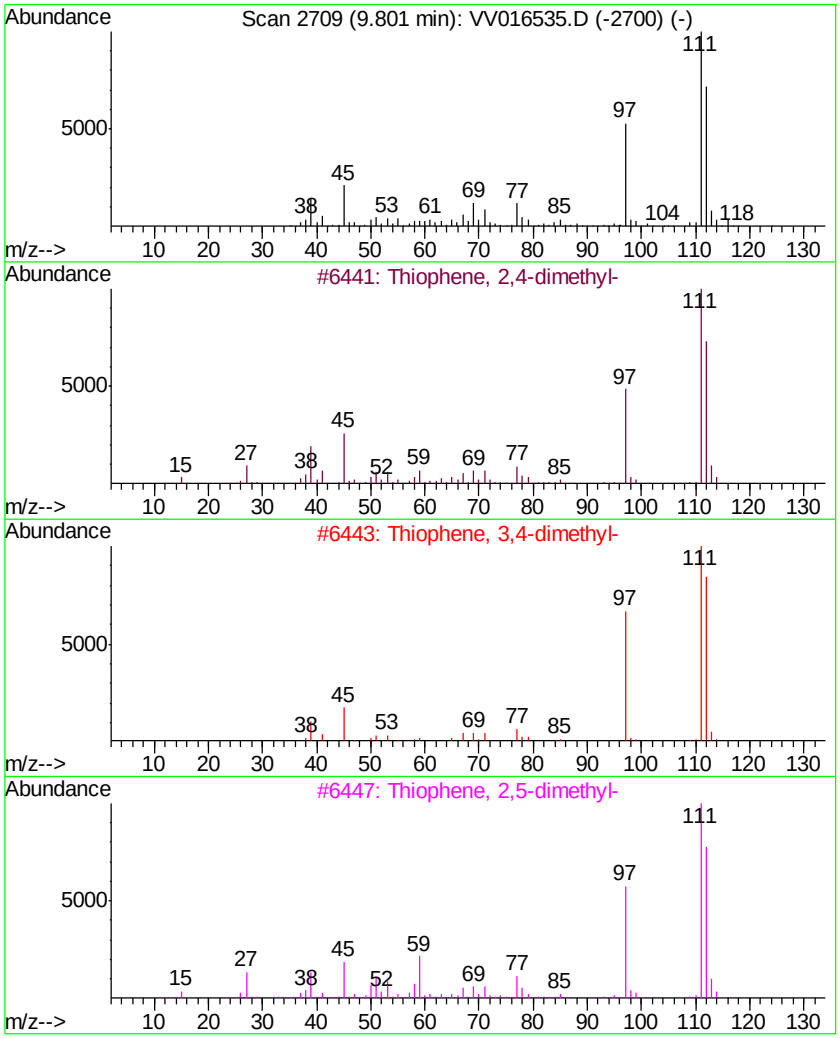
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

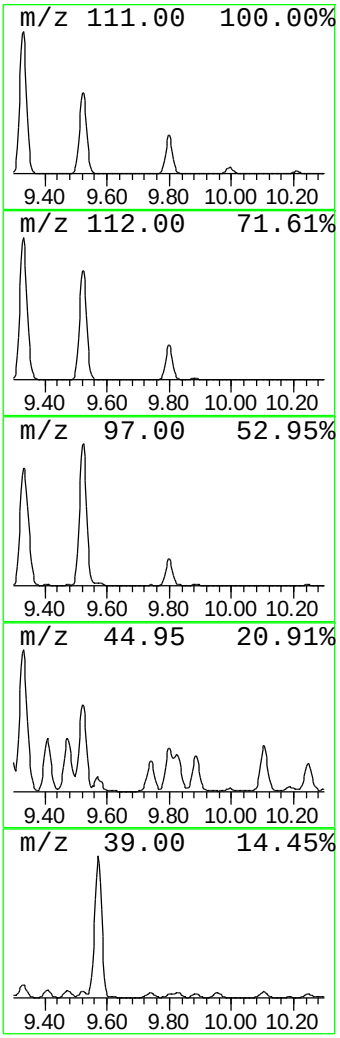
****

Peak Number 40 Thiophene, 2,4-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	25.66 ug/L	637466	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	87
2	Thiophene, 3,4-dimethyl-	112	C6H8S	000632-15-5	80
3	Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	74
4	Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	74
5	Thiophene, 3,4-dimethyl-	112	C6H8S	000632-15-5	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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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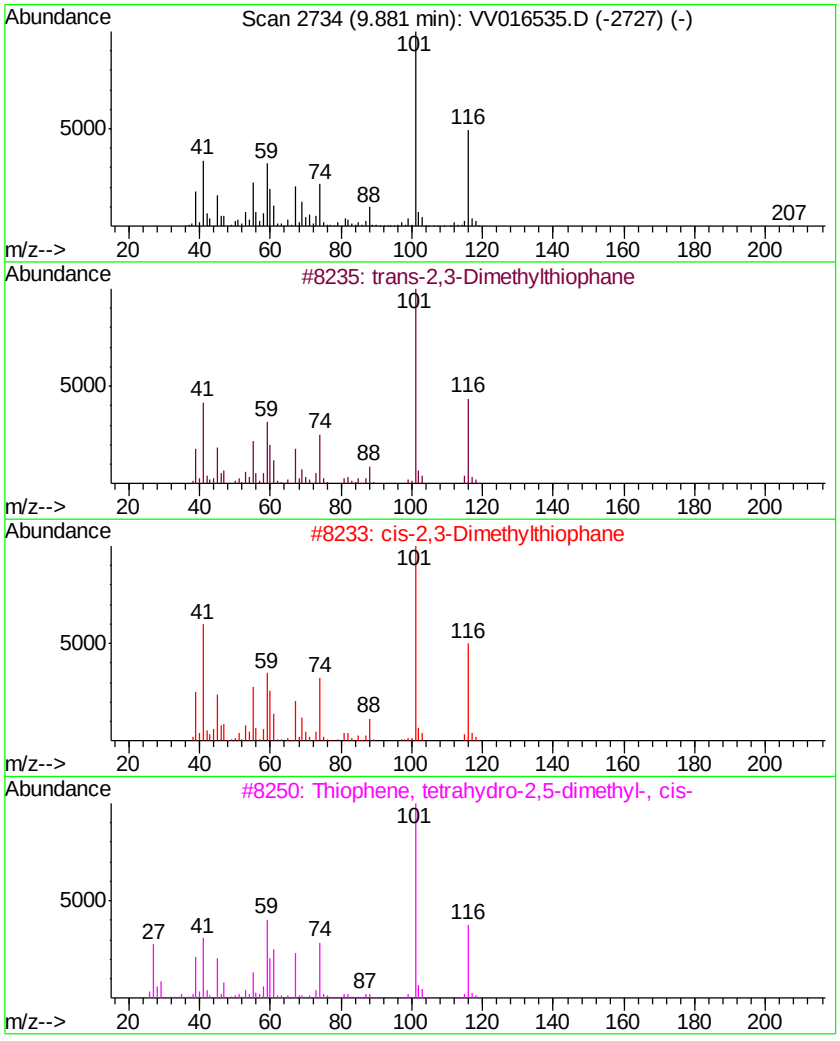
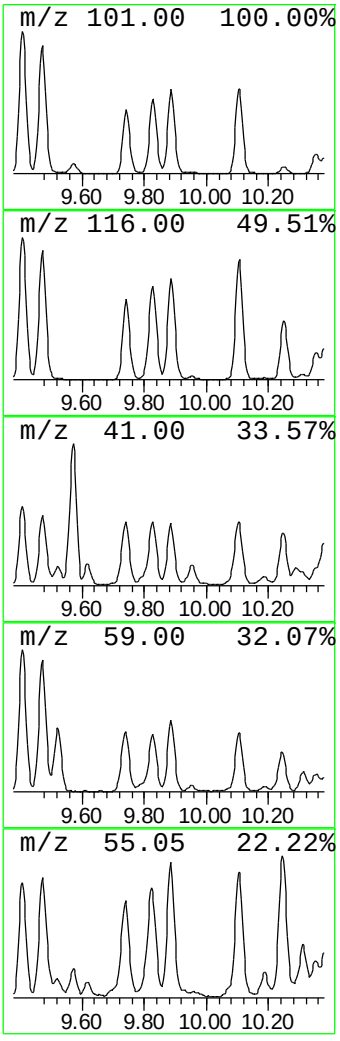
Peak Number 41 trans-2,3-Dimethylthiophane Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	37.37 ug/L	928558	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	98
2	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	96
3	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	87
4	Thiazole, 4,5-dihydro-4-methyl-2...	116	C4H8N2S	010416-81-6	76
5	Allylthiourea	116	C4H8N2S	000109-57-9	50





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Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

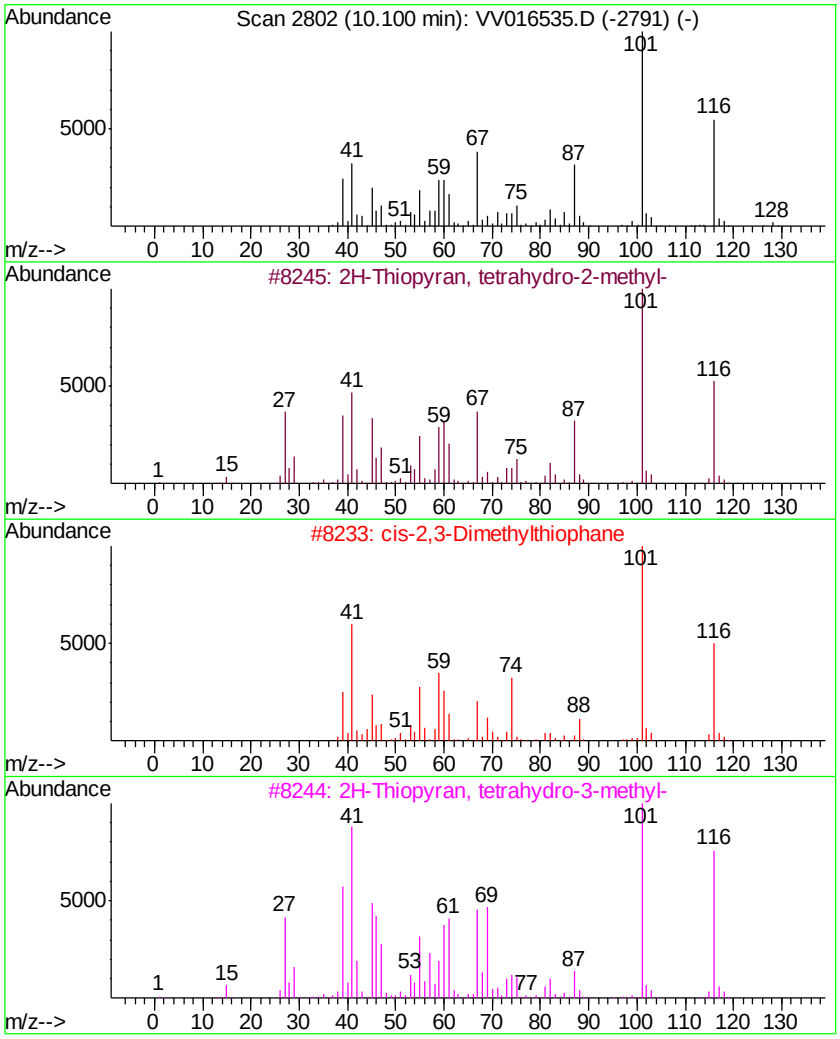
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

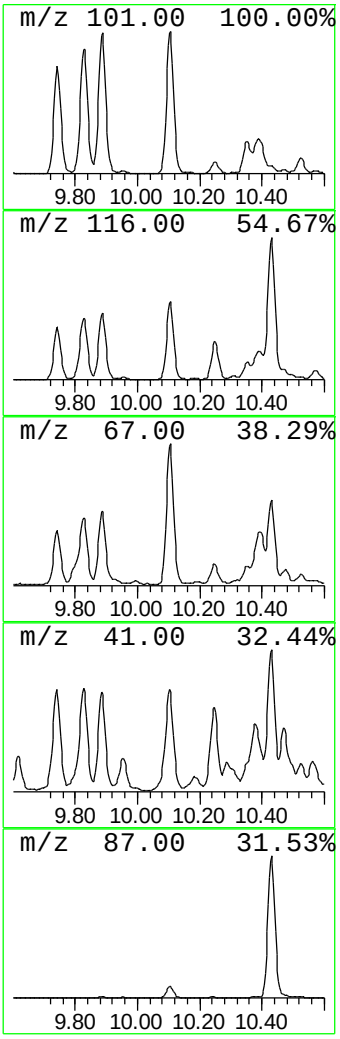
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 2H-Thiopyran, tetrahydro-2-... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	34.13 ug/L	1247140	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	81
3	2H-Thiopyran, tetrahydro-3-methyl-	116	C6H12S	005258-50-4	80
4	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	76
5	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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

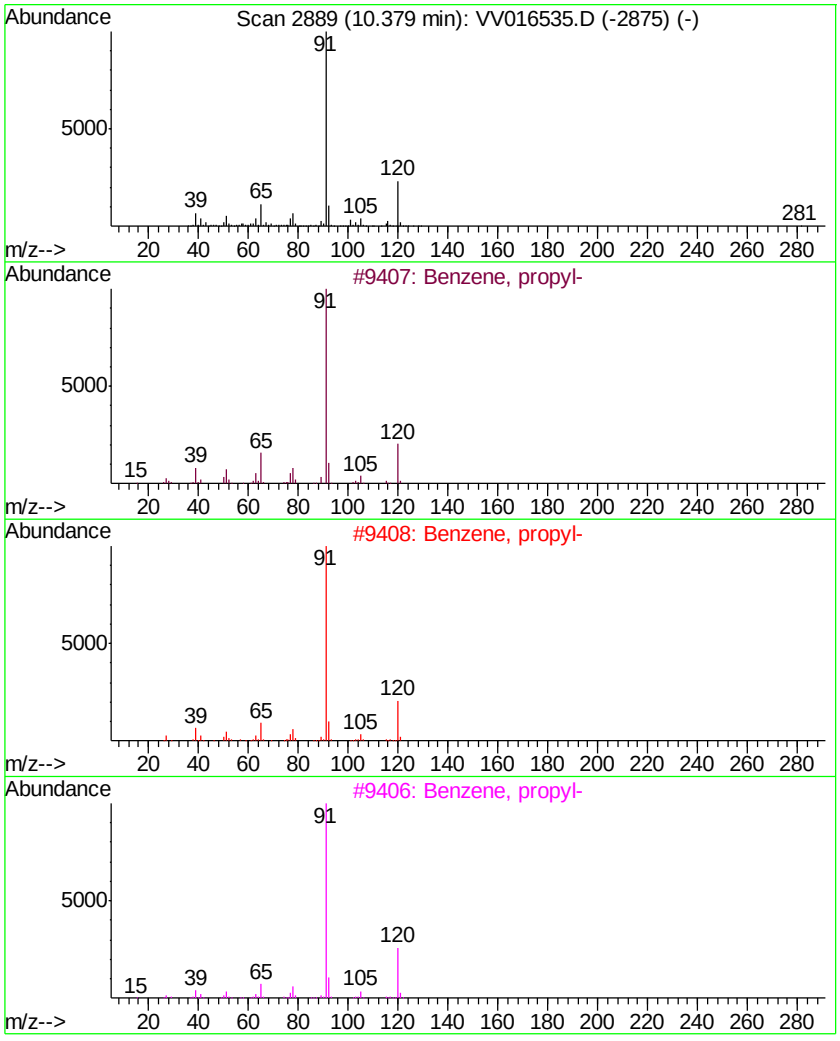
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

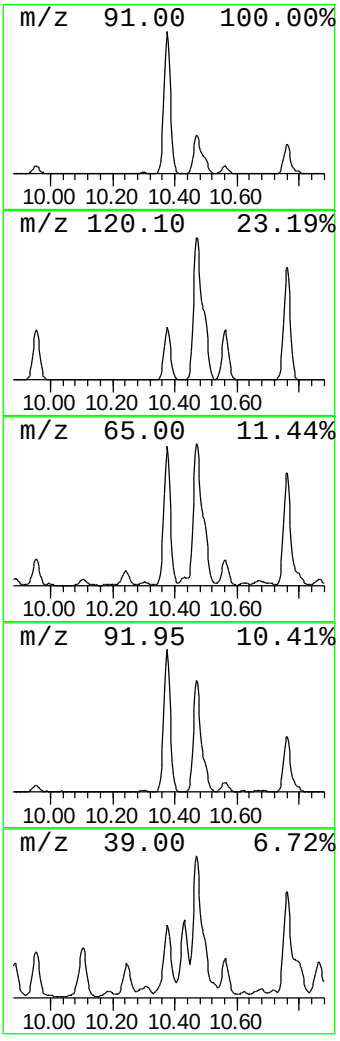
****

Peak Number 43 Benzene, propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	69.23 ug/L	2529680	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	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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

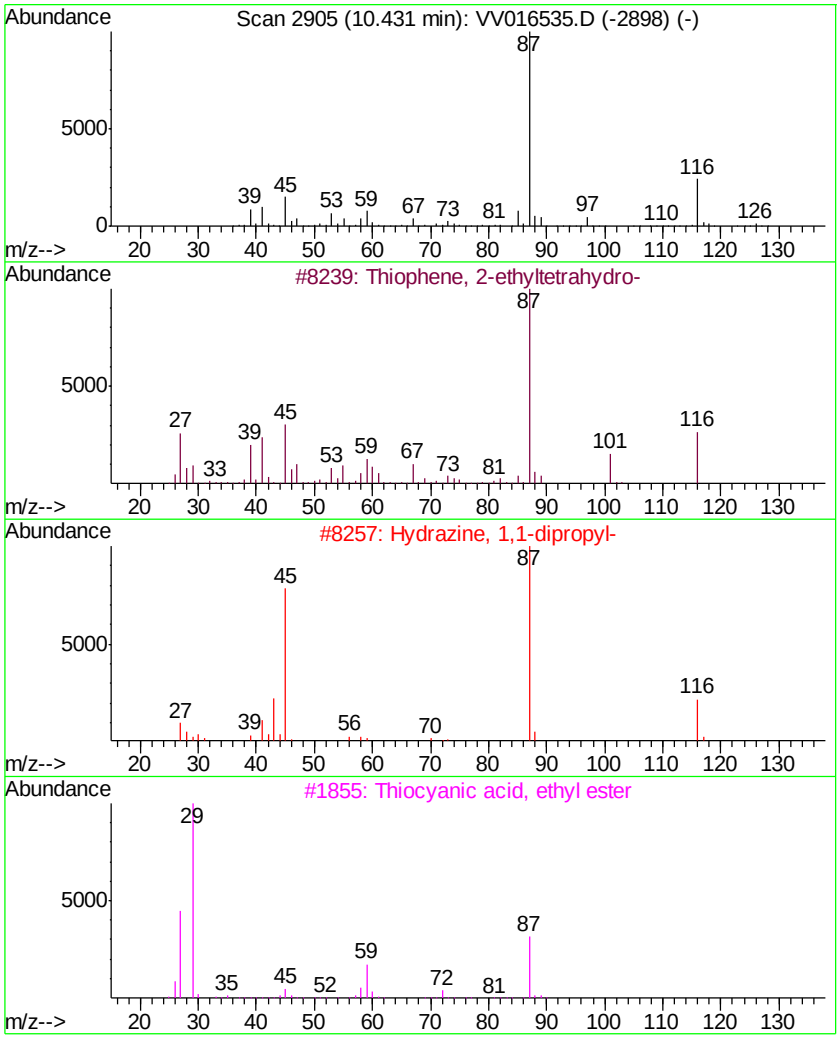
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

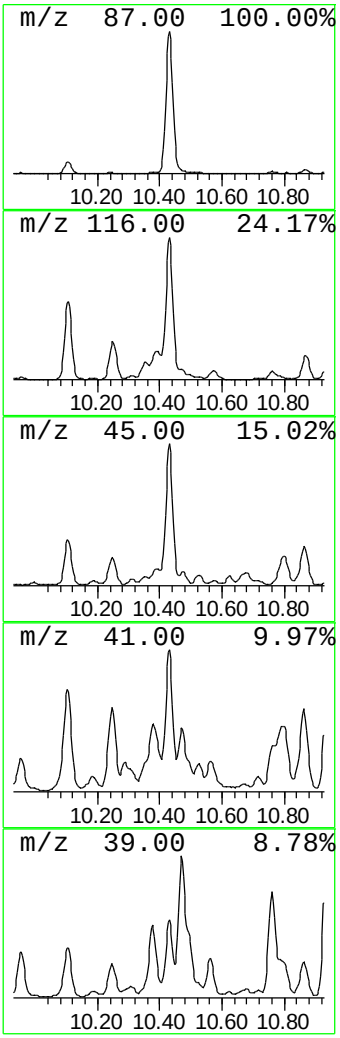
****

Peak Number 44 Thiophene, 2-ethyltetrahydro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	52.91 ug/L	1933590	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	72
2	Hydrazine, 1,1-dipropyl-	116	C6H16N2	004986-50-9	59
3	Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	52
4	Hydrazine, 1-ethyl-1-(1-methylpr...	116	C6H16N2	020325-97-7	38
5	2-O-Methyl-d-xylose	164	C6H12O5	1000130-01-3	36





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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

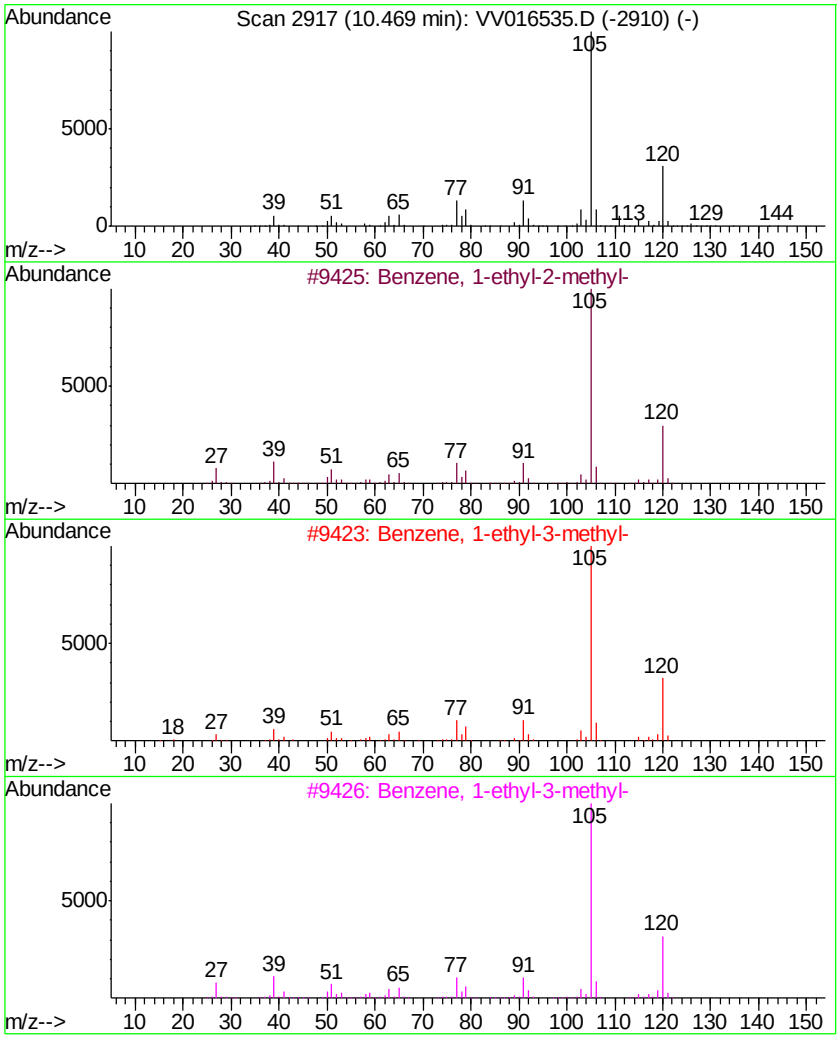
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

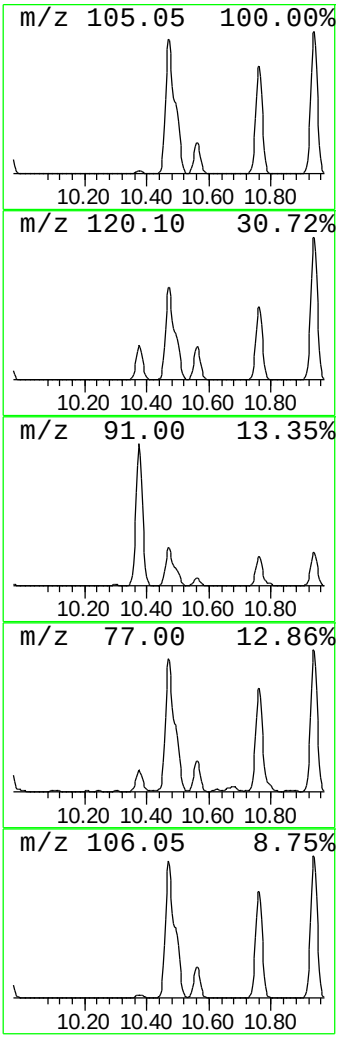
****

Peak Number 45 Benzene, 1-ethyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	210.60 ug/L	7695570	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-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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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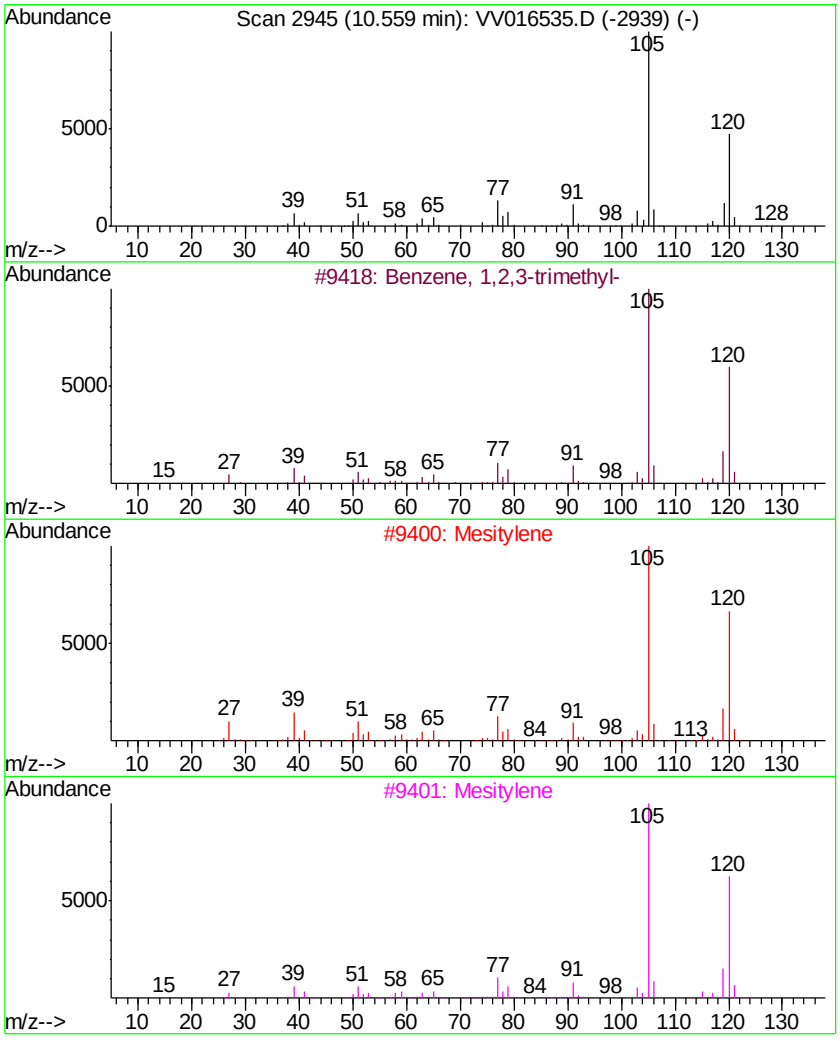
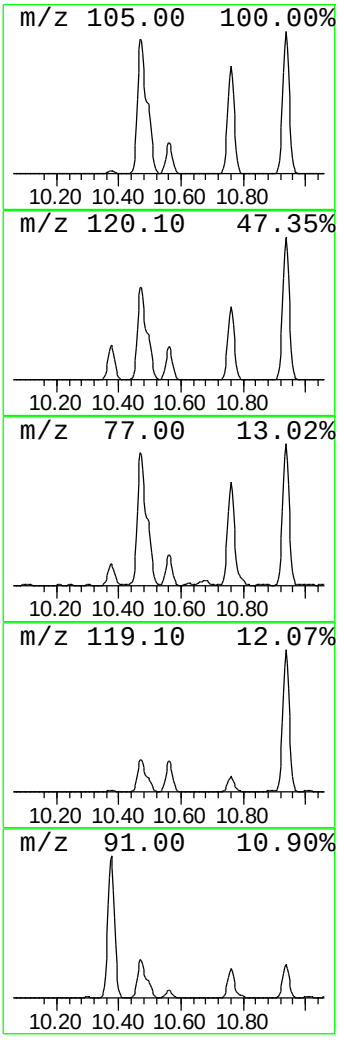
Peak Number 46 Benzene, 1,2,3-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	35.69 ug/L	1304150	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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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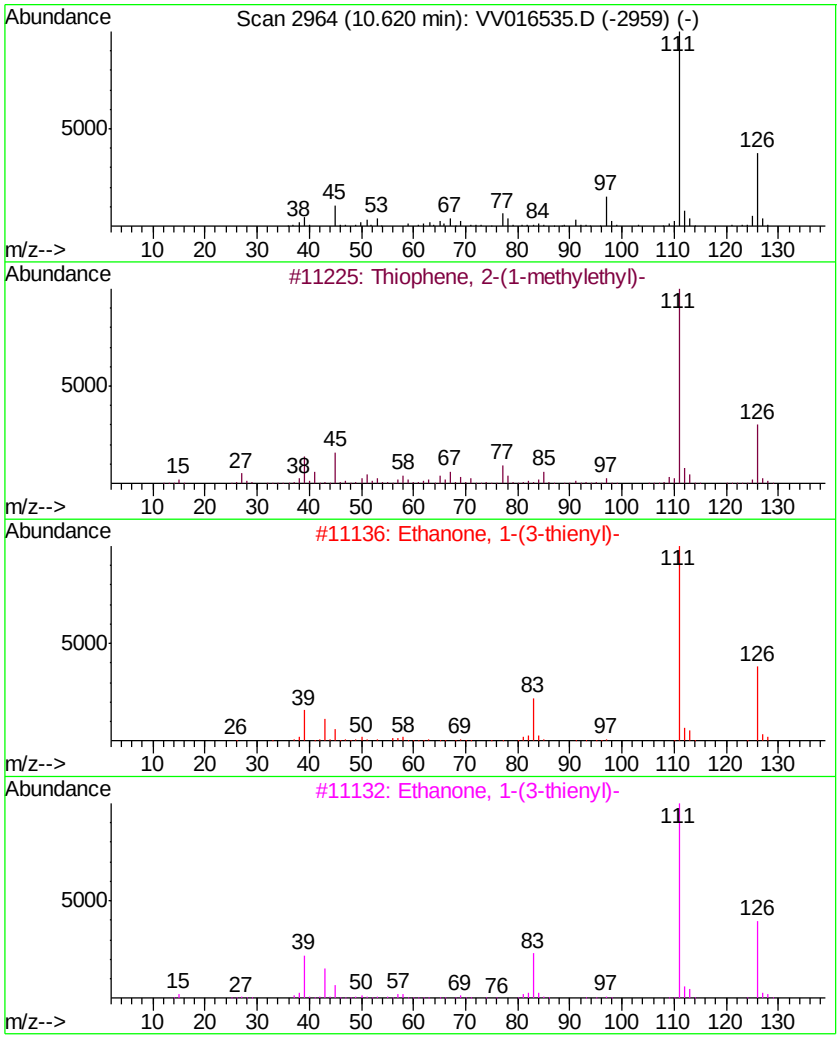
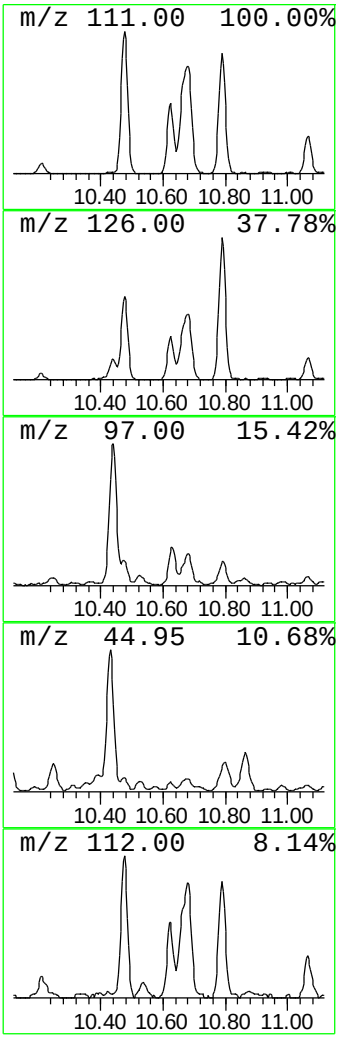
Peak Number 47 Thiophene, 2-(1-methylethyl)- Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	2.97 ug/L	108654	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	86
2	Ethanone, 1-(3-thienyl)-	126	C6H6OS	001468-83-3	80
3	Ethanone, 1-(3-thienyl)-	126	C6H6OS	001468-83-3	80
4	Ethanone, 1-(2-thienyl)-	126	C6H6OS	000088-15-3	72
5	3-Buten-2-one, 3-methyl-, dimeth...	126	C7H14N2	075268-10-9	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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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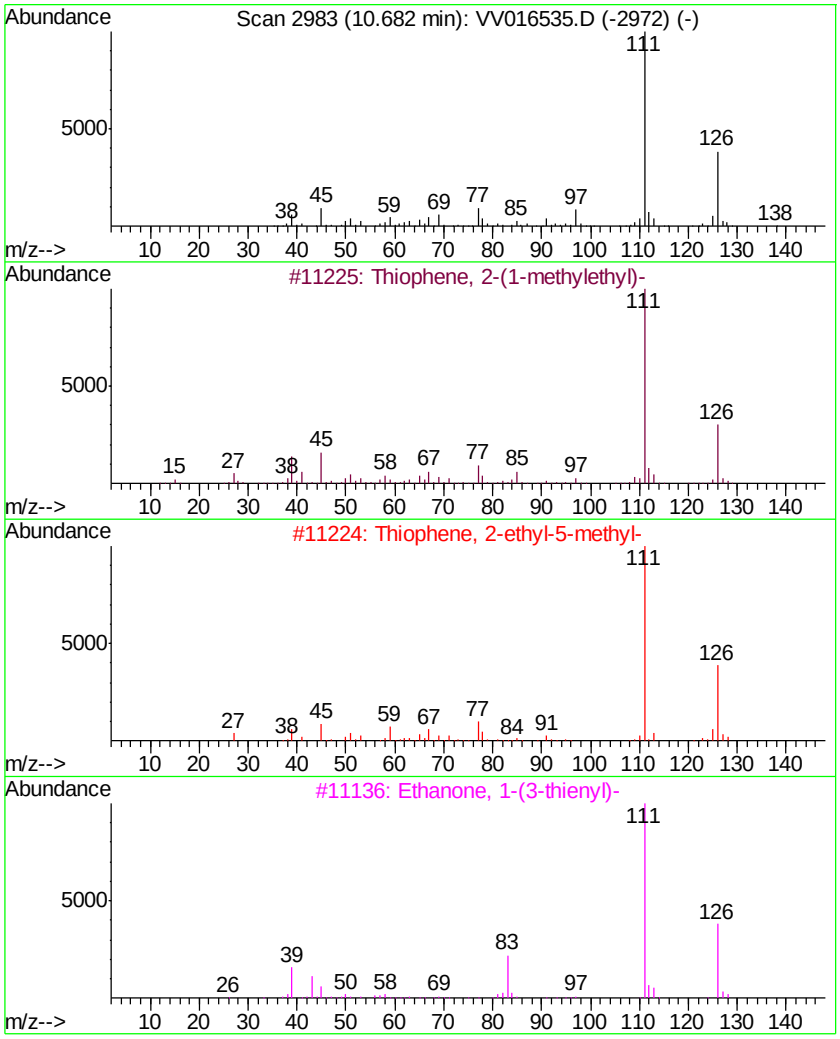
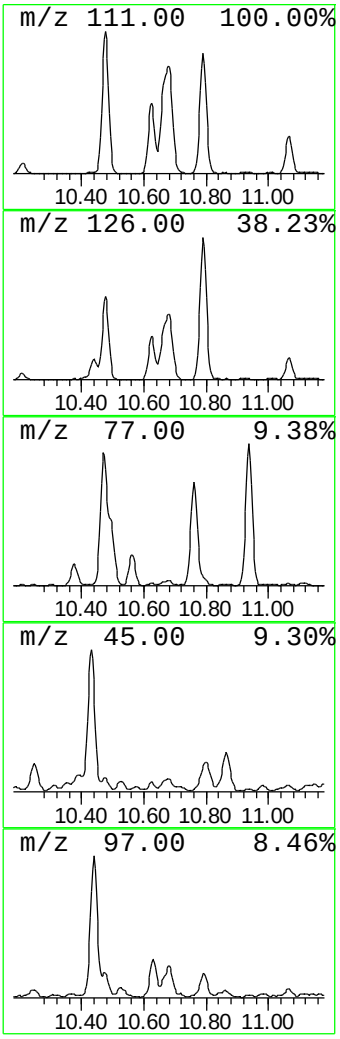
Peak Number 48 Ethanone, 1-(3-thienyl)- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	7.39 ug/L	269942	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	87
2	Thiophene, 2-ethyl-5-methyl-	126	C7H10S	040323-88-4	87
3	Ethanone, 1-(3-thienyl)-	126	C6H6OS	001468-83-3	72
4	Ethanone, 1-(3-thienyl)-	126	C6H6OS	001468-83-3	64
5	2-Pyrazoline, 1-isopropyl-5-methyl-	126	C7H14N2	026964-54-5	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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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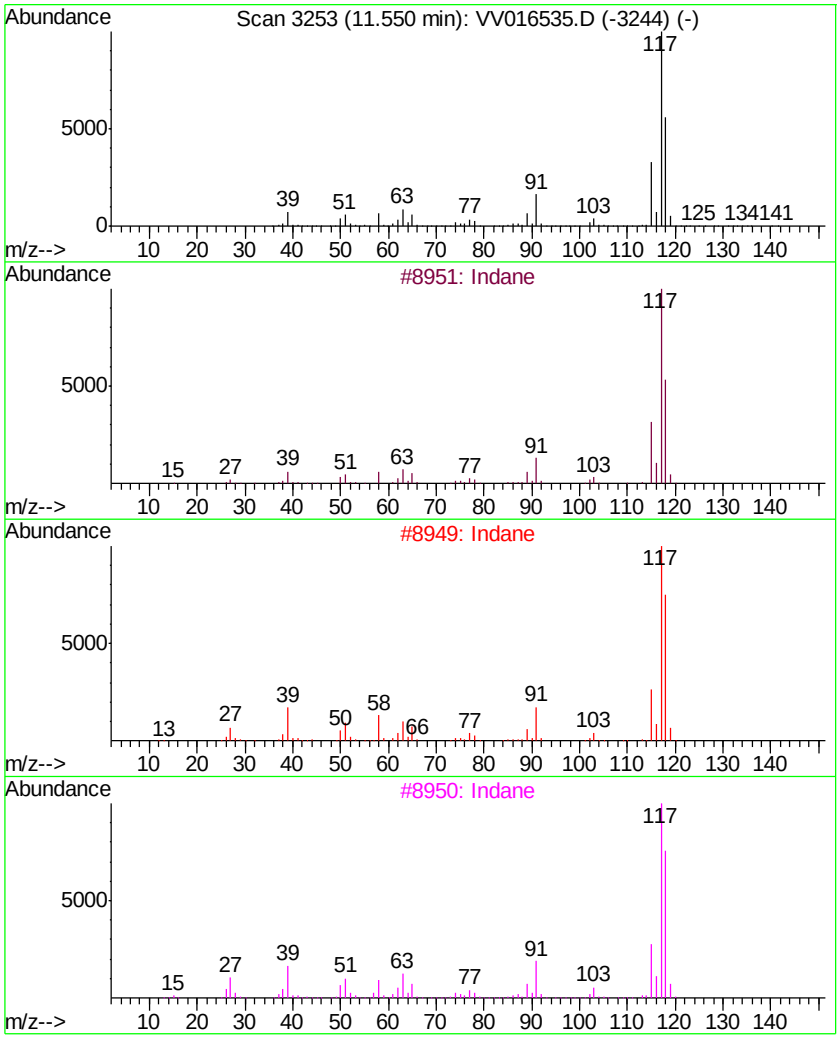
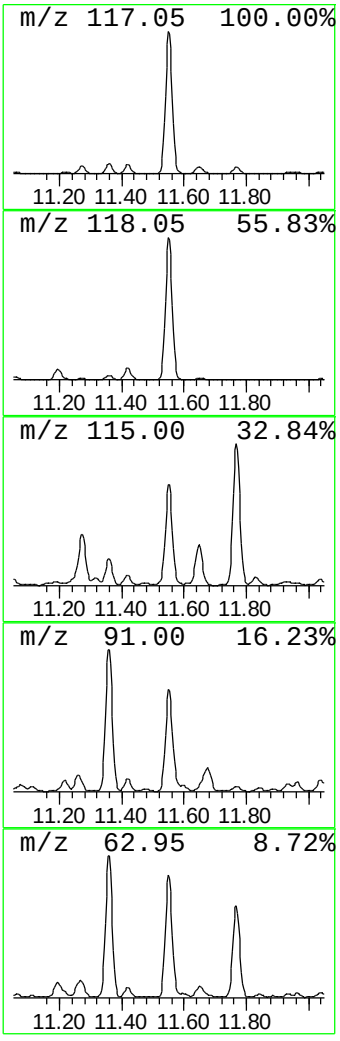
Peak Number 54 Indane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	70.51 ug/L	2576420	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	90
4	Indane	118	C9H10	000496-11-7	83
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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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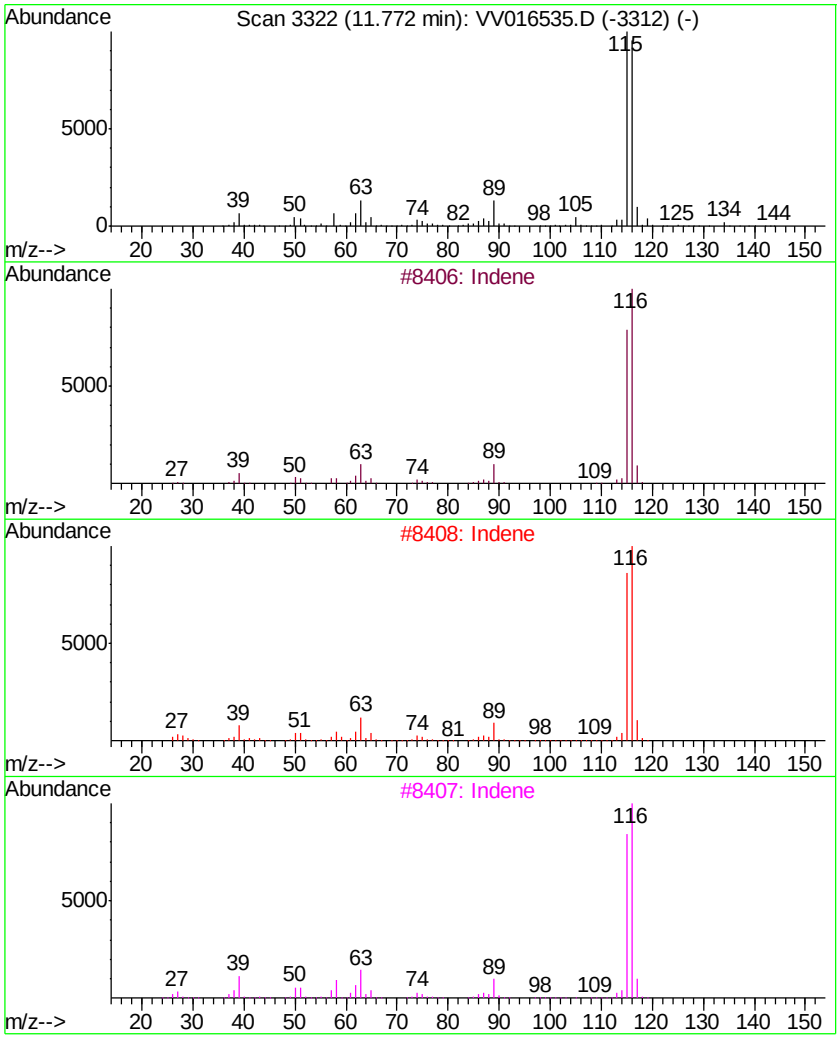
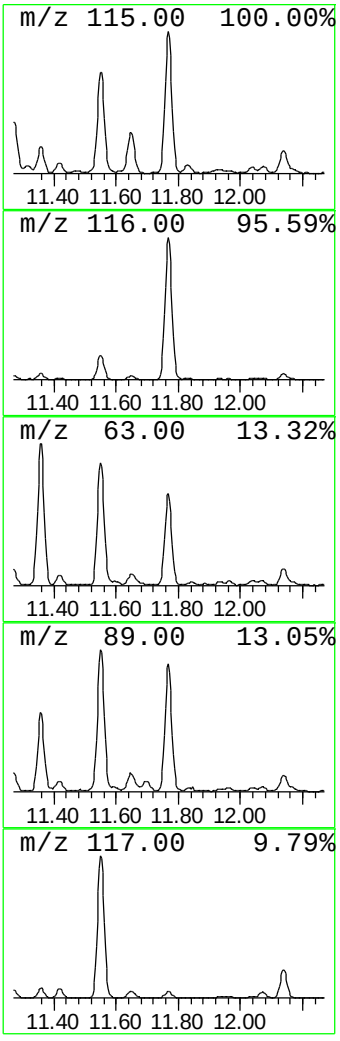
Peak Number 55 Indene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	35.98 ug/L	1314820	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	95
3	Indene	116	C9H8	000095-13-6	94
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E39

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...	1.36	15.9	ug/L	301486	1	5.64	948924	50.0
(DEL) Alkane: Str...	1.42	16.8	ug/L	319425	1	5.64	948924	50.0
(DEL) Alkane: Str...	1.63	18.1	ug/L	344383	1	5.64	948924	50.0
(DEL) Alkane: Cyc...	1.77	44.5	ug/L	845579	1	5.64	948924	50.0
(DEL) Alkane: Str...	1.81	29.1	ug/L	551869	1	5.64	948924	50.0
(DEL) Alkane: Str...	1.91	50.0	ug/L	949055	1	5.64	948924	50.0
(DEL) Alkane: Str...	1.99	44.0	ug/L	835704	1	5.64	948924	50.0
(DEL) Alkane: Str...	2.03	35.5	ug/L	673738	1	5.64	948924	50.0
(DEL) Alkane: Cyc...	2.45	6.7	ug/L	127699	1	5.64	948924	50.0
Cyclopropane, met...	2.49	111.4	ug/L	2114010	1	5.64	948924	50.0
(DEL) Alkane: Cyc...	2.59	115.0	ug/L	2183100	1	5.64	948924	50.0
(DEL) Alkane: Str...	2.78	10.3	ug/L	195986	1	5.64	948924	50.0
(DEL) Alkane: Str...	2.97	24.4	ug/L	462252	1	5.64	948924	50.0
(DEL) Alkane: Str...	3.06	9.6	ug/L	182482	1	5.64	948924	50.0
(DEL) Alkane: Str...	3.17	6.3	ug/L	119921	1	5.64	948924	50.0
(DEL) Alkane: Str...	3.24	11.2	ug/L	211721	1	5.64	948924	50.0
Furan, 2,3-dihydr...	3.39	2.7	ug/L	52038	1	5.64	948924	50.0
Cyclopentene, 3-m...	3.46	42.5	ug/L	805994	1	5.64	948924	50.0
Propyl mercaptan	3.70	3.3	ug/L	63397	1	5.64	948924	50.0
(DEL) Alkane: Cyc...	3.79	104.3	ug/L	1980290	1	5.64	948924	50.0
1,3-Pentadiene, 3...	4.49	6.9	ug/L	130333	1	5.64	948924	50.0
Cyclohexene	5.25	148.0	ug/L	2809400	1	5.64	948924	50.0
Diethyl sulfide	5.97	4.4	ug/L	83785	1	5.64	948924	50.0
unknown-01	6.27	3.1	ug/L	58292	1	5.64	948924	50.0
(DEL) Alkane: Cyc...	6.39	4.0	ug/L	76847	1	5.64	948924	50.0
Cyclohexene, 3-me...	6.58	9.8	ug/L	185660	1	5.64	948924	50.0
Cyclobutane, (1-m...	6.83	15.0	ug/L	284195	1	5.64	948924	50.0
Cyclohexene, 1-me...	7.19	16.7	ug/L	317760	1	5.64	948924	50.0
Thiophene, 2-methyl-	7.55	201.3	ug/L	5002000	2	8.88	1242260	50.0
Thiophene, 3-methyl-	7.72	68.9	ug/L	1712540	2	8.88	1242260	50.0
Sulfide, ethyl pr...	7.88	5.2	ug/L	129498	2	8.88	1242260	50.0
Cyclopentanol, 1-...	8.31	4.6	ug/L	113765	2	8.88	1242260	50.0
Thiophene, tetrah...	9.29	28.9	ug/L	718357	2	8.88	1242260	50.0
Thiophene, 3,4-di...	9.33	129.7	ug/L	3221200	2	8.88	1242260	50.0
Thiophene, tetrah...	9.47	55.6	ug/L	1381420	2	8.88	1242260	50.0
Thiophene, 2,5-di...	9.52	72.0	ug/L	1789250	2	8.88	1242260	50.0
Thiophene, 2,4-di...	9.80	25.7	ug/L	637466	2	8.88	1242260	50.0
trans-2,3-Dimethy...	9.88	37.4	ug/L	928558	2	8.88	1242260	50.0
2H-Thiopyran, tet...	10.10	34.1	ug/L	1247140	3	11.27	1827100	50.0
Benzene, propyl-	10.38	69.2	ug/L	2529680	3	11.27	1827100	50.0
Thiophene, 2-ethy...	10.43	52.9	ug/L	1933590	3	11.27	1827100	50.0
Benzene, 1-ethyl-...	10.47	210.6	ug/L	7695570	3	11.27	1827100	50.0
Benzene, 1,2,3-tr...	10.56	35.7	ug/L	1304150	3	11.27	1827100	50.0
Thiophene, 2-(1-m...	10.62	3.0	ug/L	108654	3	11.27	1827100	50.0
Ethanone, 1-(3-th...	10.68	7.4	ug/L	269942	3	11.27	1827100	50.0
Indane	11.55	70.5	ug/L	2576420	3	11.27	1827100	50.0
Indene	11.77	36.0	ug/L	1314820	3	11.27	1827100	50.0