LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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	24	rVB	840544	750637	0.23%	0.138%
2	1.222	33	41	58	rVB	2712457	2529462	0.77%	0.466%
3	1.312	58	69	79	rBV	11004172	12627469	3.86%	2.328%
4	1.361	79	84	95	rVV	2068695	1992433	0.61%	0.367%
5	1.422	96	103	113	rVV	1830931	1662389	0.51%	0.307%
6	1.544	134	141	157	rVB2	599790	844223	0.26%	0.156%
7	1.624	157	166	188	rVB	3619278	4788244	1.46%	0.883%
8	1.717	189	195	201	rVB	34355	37823	0.01%	0.007%
9	1.766	201	210	216	rBV	2543637	3157229	0.96%	0.582%
10	1.808	216	223	243	rVB	2698150	3732399	1.14%	0.688%
11	1.904	244	253	268	rBV	2134568	2756993	0.84%	0.508%
12	1.988	269	279	285	rVV	1282668	1729514	0.53%	0.319%
13	2.029	285	292	308	rVB	1265532	1807085	0.55%	0.333%
14	2.116	310	319	334	rBV	296057	439717	0.13%	0.081%
15	2.444	408	421	424	rBV2	175340	263594	0.08%	0.049%
16	2.489	426	435	446	rVB	1683371	2810015	0.86%	0.518%
17	2.589	455	466	504	rVB	3069651	6038579	1.84%	1.113%
18	2.772	504	523	539	rVV2	154553	388399	0.12%	0.072%
19	2.965	568	583	599	rBV2	207379	423220	0.13%	0.078%
20	3.055	599	611	632	rVB2	102165	208557	0.06%	0.038%
21	3.171	632	647	657	rBV	66794	141454	0.04%	0.026%
22	3.238	658	668	676	rBV	111723	217578	0.07%	0.040%
23	3.383	701	713	721	rBV3	43353	92857	0.03%	0.017%
24	3.454	722	735	749	rBV3	363242	908792	0.28%	0.168%
25	3.711	801	815	820	rVV7	18035	39378	0.01%	0.007%
26	3.785	821	838	860	rVV	1076057	2788810	0.85%	0.514%
27	3.894	864	872	911	rVB2	118364	331698	0.10%	0.061%
28	4.377	1002	1022	1041	rBV	246411	650097	0.20%	0.120%
29	4.483	1043	1055	1072	rVB3	77844	196319	0.06%	0.036%
30	4.704	1097	1124	1149	rBV	1611931	4112190	1.26%	0.758%
31	4.975	1183	1208	1218	rBV8	16676	52782	0.02%	0.010%
32	5.184	1219	1273	1289	rBV6	83706664	327432684	100.00%	60.371%
33	5.393	1326	1338	1369	rVB	2997379	6081000	1.86%	1.121%
34	5.643	1404	1416	1446	rVB	463212	920336	0.28%	0.170%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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	5.968	1499	1517	1535	rBV2	124969	266084	0.08%	0.049%
36	6.093	1541	1556	1567	rBV	329067	673713	0.21%	0.124%
37	6.270	1603	1611	1624	rVB4	31360	63045	0.02%	0.012%
38	6.386	1635	1647	1661	rBV5	16818	38278	0.01%	0.007%
39	6.573	1692	1705	1708	rBV3	67683	116997	0.04%	0.022%
40	6.714	1742	1749	1763	rVB2	13742	28507	0.01%	0.005%
41	6.827	1769	1784	1795	rBV2	98014	182856	0.06%	0.034%
42	7.010	1829	1841	1856	rBV2	253435	456364	0.14%	0.084%
43	7.093	1858	1867	1878	rBV2	23113	47124	0.01%	0.009%
44	7.164	1879	1889	1892	rBV	79809	125501	0.04%	0.023%
45	7.248	1908	1915	1930	rVB4	46022	86776	0.03%	0.016%
46	7.338	1932	1943	1953	rBV	710810	1228181	0.38%	0.226%
47	7.415	1953	1967	1989	rVB	19620776	34795232	10.63%	6.415%
48	7.544	1997	2007	2023	rVB	817440	1410996	0.43%	0.260%
49	7.643	2029	2038	2050	rVB2	137793	217217	0.07%	0.040%
50	7.717	2050	2061	2086	rVB	532018	901170	0.28%	0.166%
51	7.875	2098	2110	2128	rVB6	32606	77295	0.02%	0.014%
52	8.106	2172	2182	2199	rBV	454129	752510	0.23%	0.139%
53	8.238	2211	2223	2238	rBV	585239	1032485	0.32%	0.190%
54	8.666	2345	2356	2365	rBV	11698	20861	0.01%	0.004%
55	8.775	2374	2390	2400	rBV	29605	89722	0.03%	0.017%
56	8.875	2402	2421	2426	rVV	730218	1249396	0.38%	0.230%
57	8.920	2427	2435	2457	rVV	3073301	5047859	1.54%	0.931%
58	9.042	2457	2473	2491	rVV2	29755887	51155254	15.62%	9.432%
59	9.164	2492	2511	2531	rVV2	4755984	8746097	2.67%	1.613%
60	9.283	2534	2548	2556	rVV	1019839	1657970	0.51%	0.306%
61	9.328	2556	2562	2576	rVV3	614436	1075326	0.33%	0.198%
62	9.408	2577	2587	2597	rVV	516787	827926	0.25%	0.153%
63	9.476	2597	2608	2616	rVV3	608248	1170701	0.36%	0.216%
64	9.521	2616	2622	2626	rVV	419160	602436	0.18%	0.111%
65	9.566	2626	2636	2659	rVB	7286276	11466095	3.50%	2.114%
66	9.740	2672	2690	2700	rBV2	238853	423477	0.13%	0.078%
67	9.826	2700	2717	2726	rVV3	252246	617823	0.19%	0.114%
68	9.884	2726	2735	2746	rVB	303865	472826	0.14%	0.087%
69	9.952	2747	2756	2766	rBV	640983	961670	0.29%	0.177%
70	10.103	2793	2803	2819	rVB	318502	537141	0.16%	0.099%
71	10.241	2836	2846	2855	rBV	597665	952301	0.29%	0.176%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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	10.376	2881	2888	2897	rVB	539782	768865	0.23%	0.142%
73	10.431	2898	2905	2911	rVV	507458	732789	0.22%	0.135%
74	10.470	2911	2917	2939	rVB2	593712	1377952	0.42%	0.254%
75	10.563	2939	2946	2957	rVB	217759	344339	0.11%	0.063%
76	10.624	2958	2965	2971	rBV2	33834	47088	0.01%	0.009%
77	10.675	2972	2981	2988	rBV2	39463	86024	0.03%	0.016%
78	10.759	2998	3007	3015	rBV	1006679	1626852	0.50%	0.300%
79	10.862	3032	3039	3051	rVB4	245731	424646	0.13%	0.078%
80	10.936	3051	3062	3072	rBV	1309315	1935114	0.59%	0.357%
81	11.006	3080	3084	3093	rVB2	107656	134868	0.04%	0.025%
82	11.116	3111	3118	3133	rBV5	95361	199334	0.06%	0.037%
83	11.270	3155	3166	3177	rBV2	869501	1381818	0.42%	0.255%
84	11.357	3184	3193	3204	rBV	897681	1301869	0.40%	0.240%
85	11.550	3243	3253	3265	rBV	812201	1307938	0.40%	0.241%
86	11.646	3274	3283	3294	rVB	759173	1165890	0.36%	0.215%
87	11.769	3312	3321	3333	rBV	354734	542579	0.17%	0.100%
88	12.039	3399	3405	3411	rBV2	75227	100128	0.03%	0.018%
89	12.138	3429	3436	3455	rVB	196252	363081	0.11%	0.067%
90	12.749	3619	3626	3633	rBV	50273	71493	0.02%	0.013%
91	12.907	3665	3675	3687	rBV2	333488	558945	0.17%	0.103%
92	12.971	3688	3695	3711	rVB	165603	263398	0.08%	0.049%
93	13.077	3717	3728	3740	rVB4	244126	416479	0.13%	0.077%
94	13.524	3855	3867	3887	rBV	2068824	3186604	0.97%	0.588%
95	13.646	3895	3905	3926	rVB	443894	704938	0.22%	0.130%
96	14.315	4106	4113	4125	rVB	44101	67959	0.02%	0.013%
97	14.463	4148	4159	4171	rBV4	26642	52390	0.02%	0.010%
98	14.601	4194	4202	4211	rBV	39416	60347	0.02%	0.011%
99	14.659	4211	4220	4236	rBV2	99366	229121	0.07%	0.042%
100	14.842	4266	4277	4294	rVB2	209422	382353	0.12%	0.070%

Sum of corrected areas: 542364369

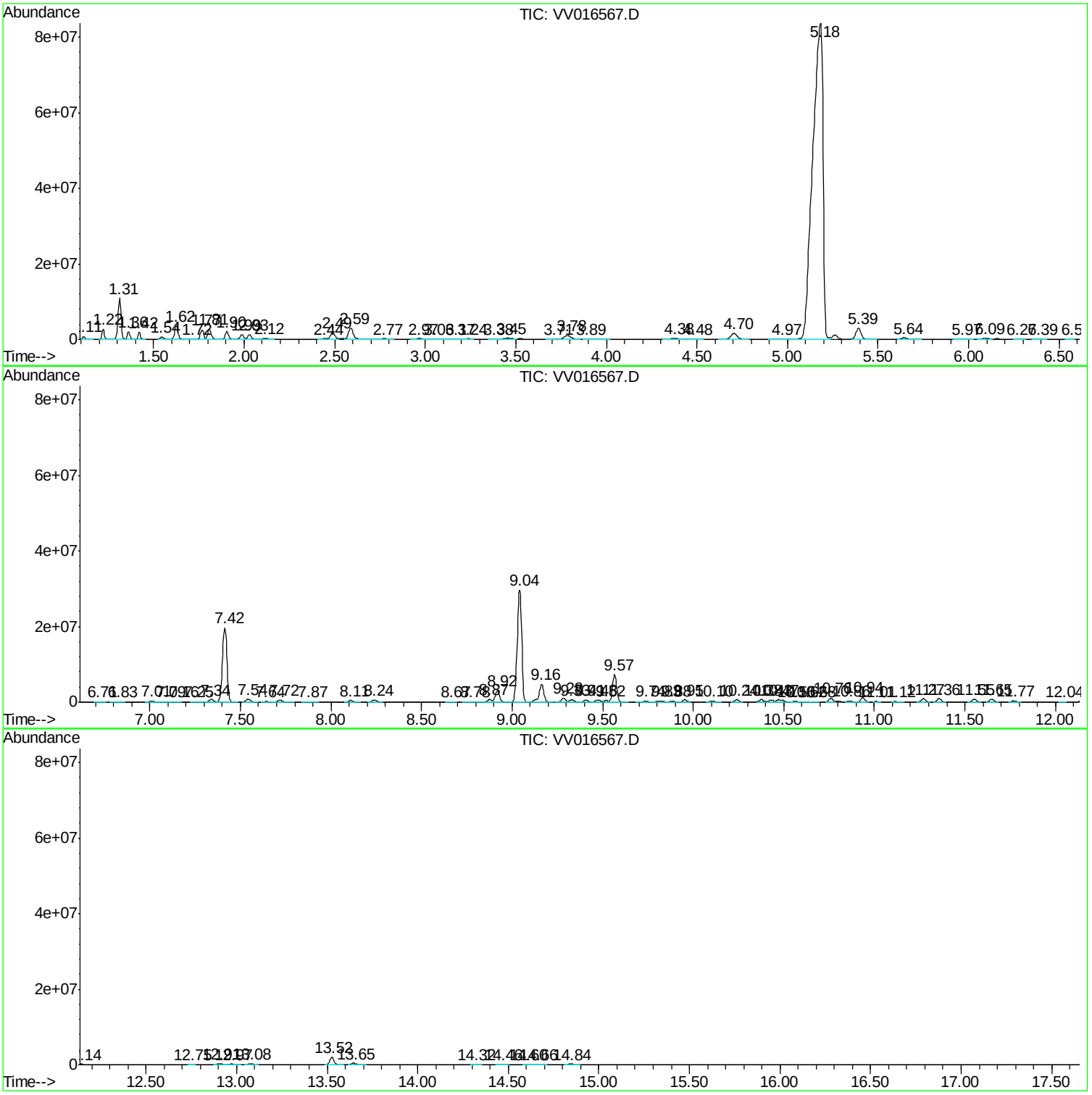
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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 : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

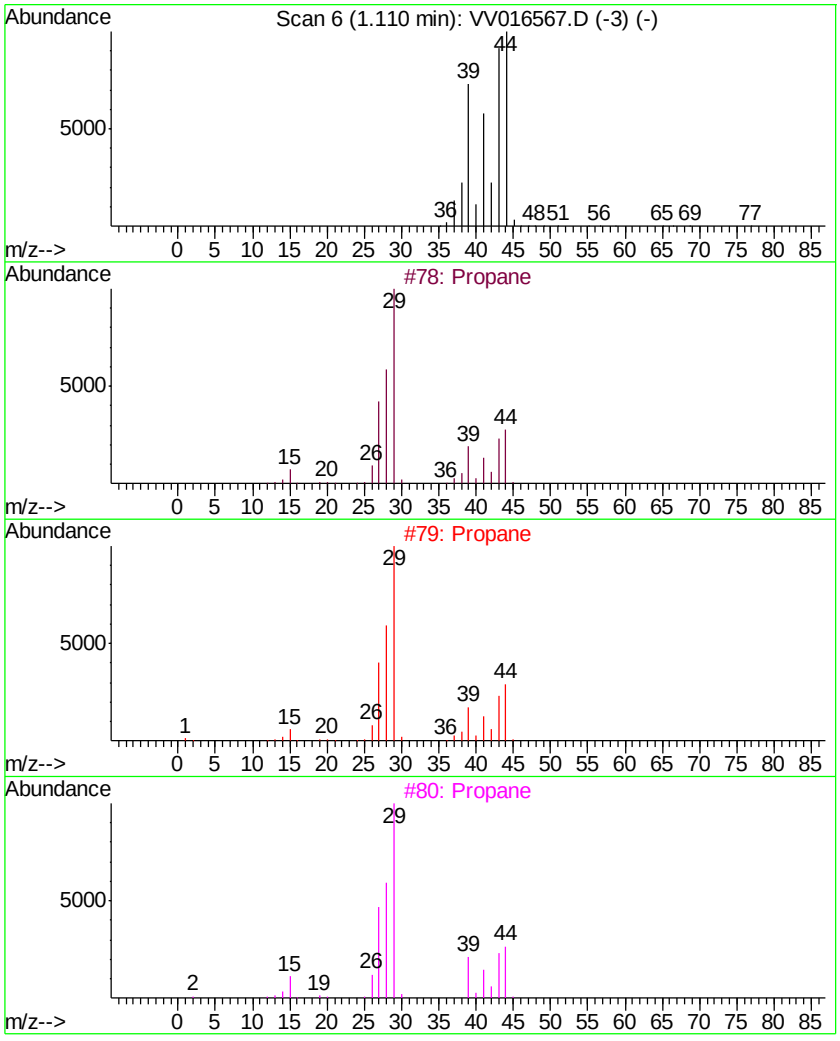
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

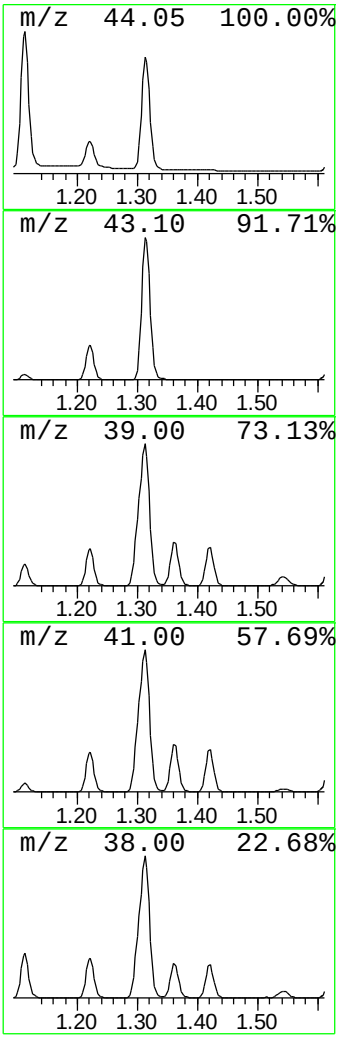
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.11	40.78 ug/L	750637	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	90
2	Propane	44	C3H8	000074-98-6	83
3	Propane	44	C3H8	000074-98-6	9
4	Propene	42	C3H6	000115-07-1	9
5	Ethylene oxide	44	C2H4O	000075-21-8	5





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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

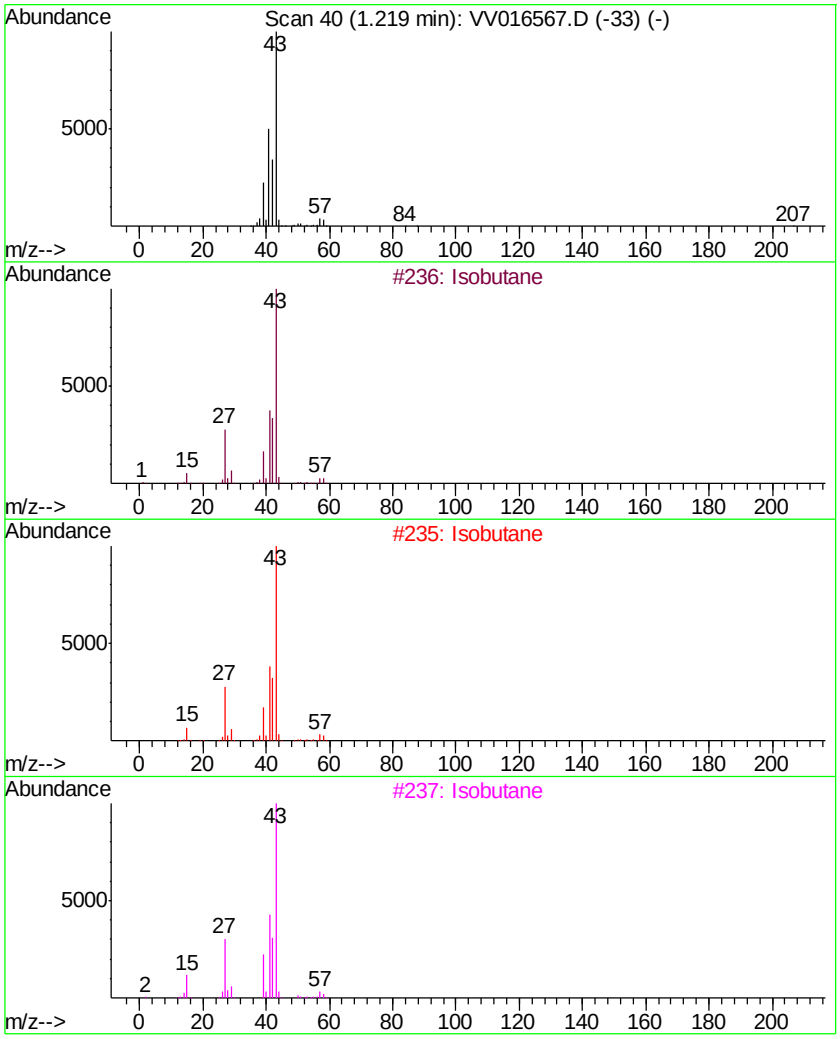
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

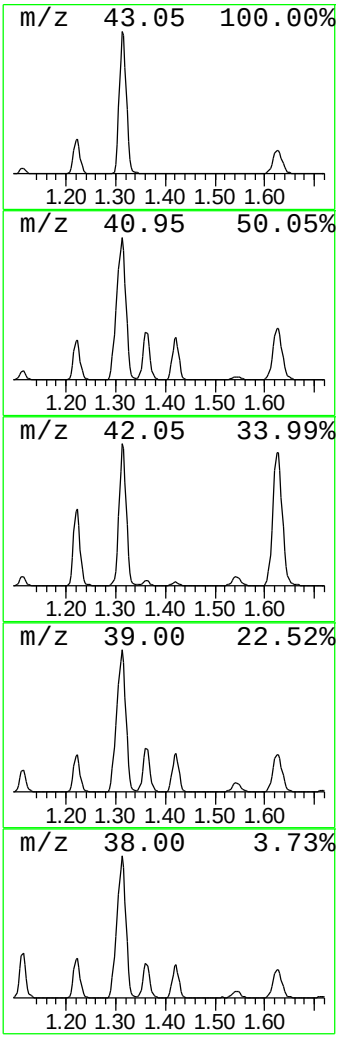
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	137.42 ug/L	2529460	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	72
2	Isobutane	58	C4H10	000075-28-5	72
3	Isobutane	58	C4H10	000075-28-5	64
4	Isobutane	58	C4H10	000075-28-5	53
5	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

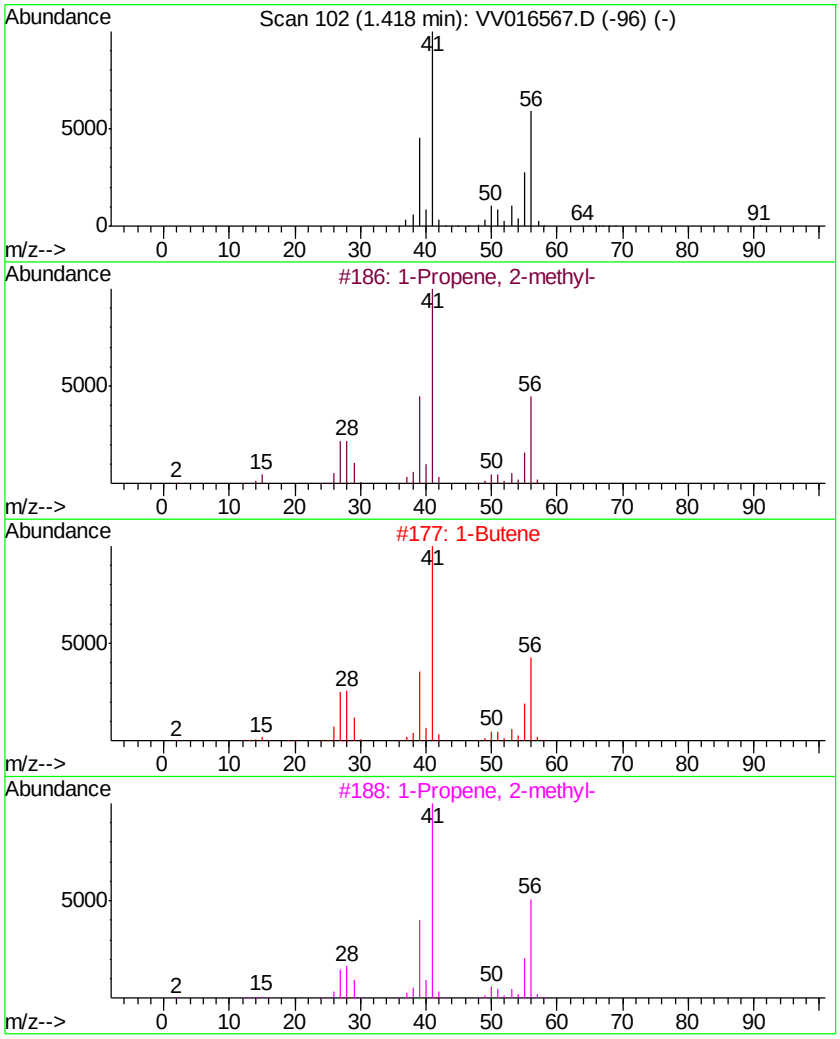
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

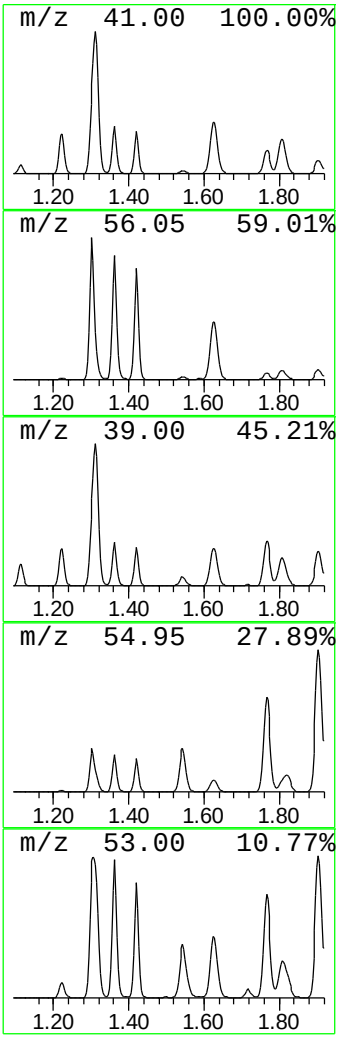
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.42	90.31 ug/L	1662390	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	87
2	1-Butene	56	C4H8	000106-98-9	87
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	87
4	2-Butene, (Z)-	56	C4H8	000590-18-1	74
5	2-Butene	56	C4H8	000107-01-7	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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

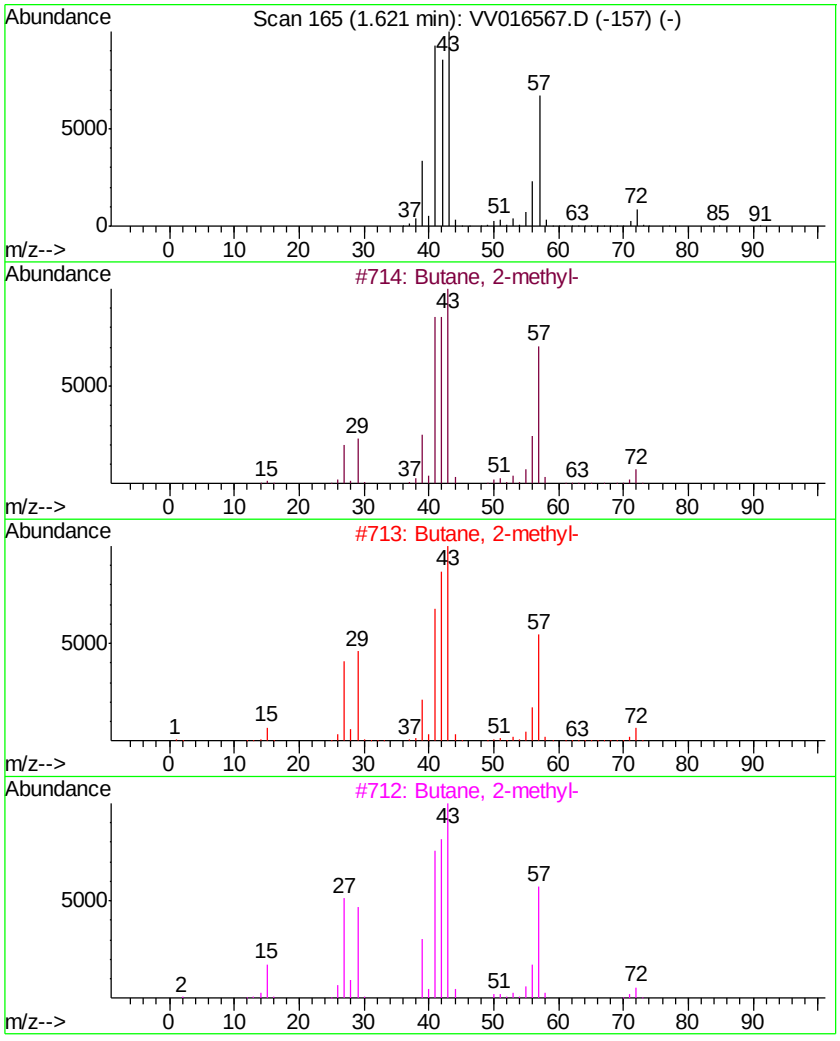
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

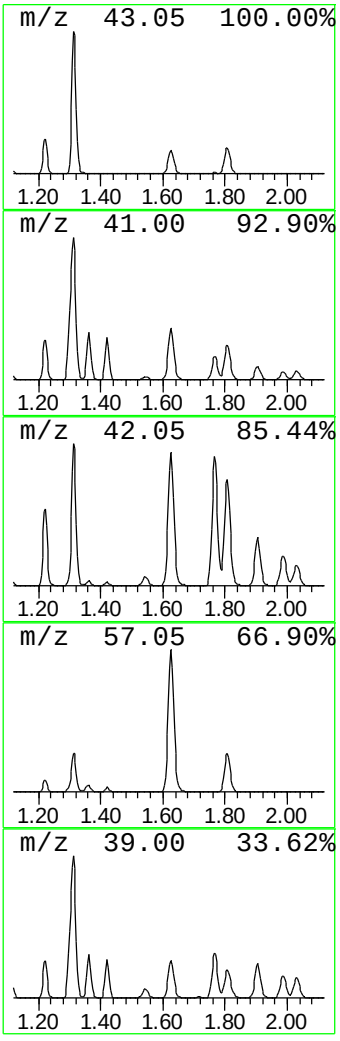
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.62	260.14 ug/L	4788240	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	36





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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

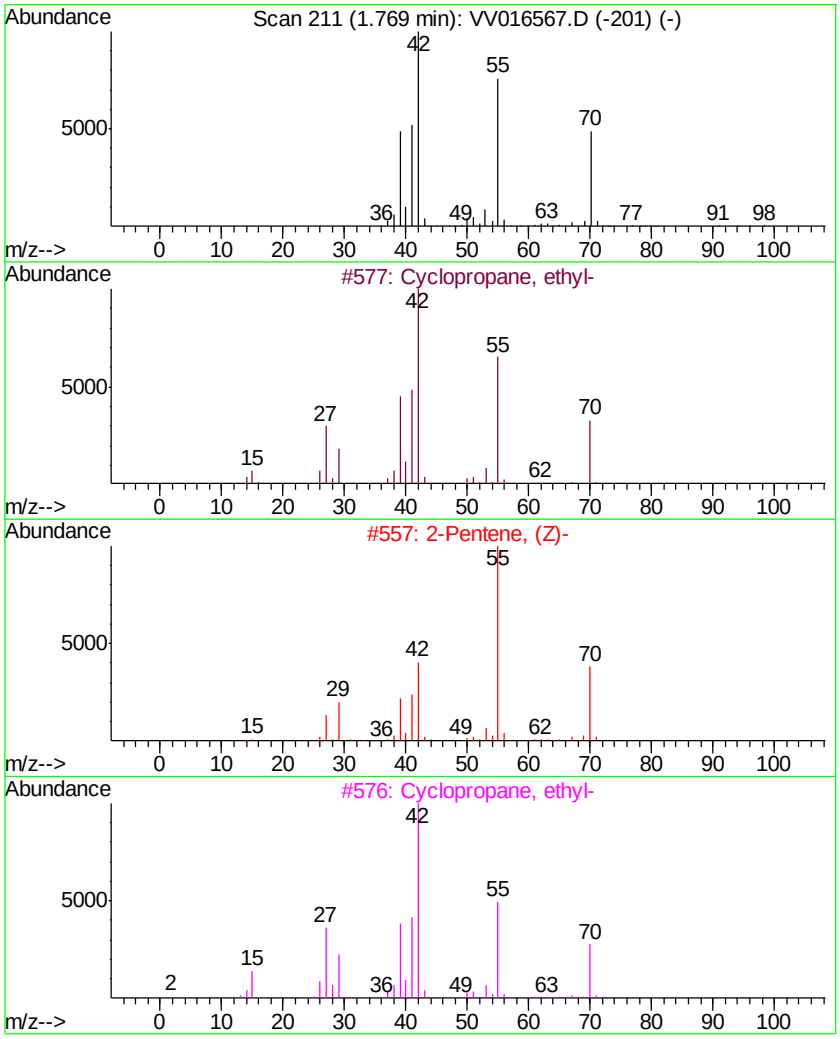
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

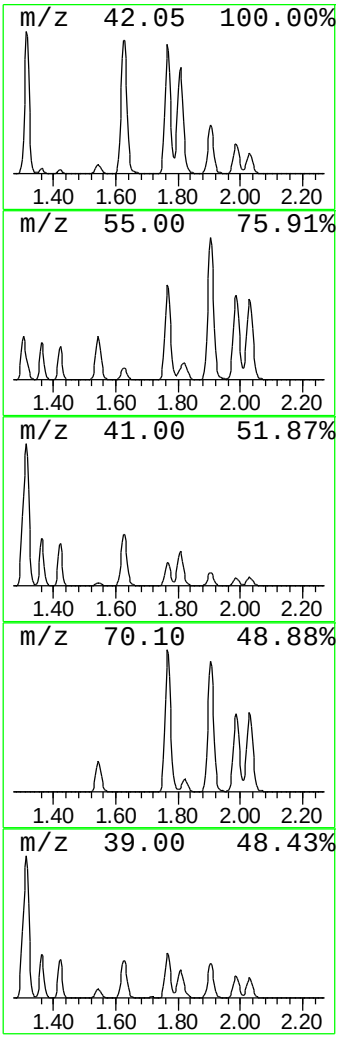
****

Peak Number 5 (DEL) Alkane: Cyclic1.77 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.77	171.53 ug/L	3157230	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	91
2	2-Pentene, (Z)-	70	C5H10	000627-20-3	83
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	78
4	Cyclobutane, methyl-	70	C5H10	000598-61-8	74
5	1-Pentene	70	C5H10	000109-67-1	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

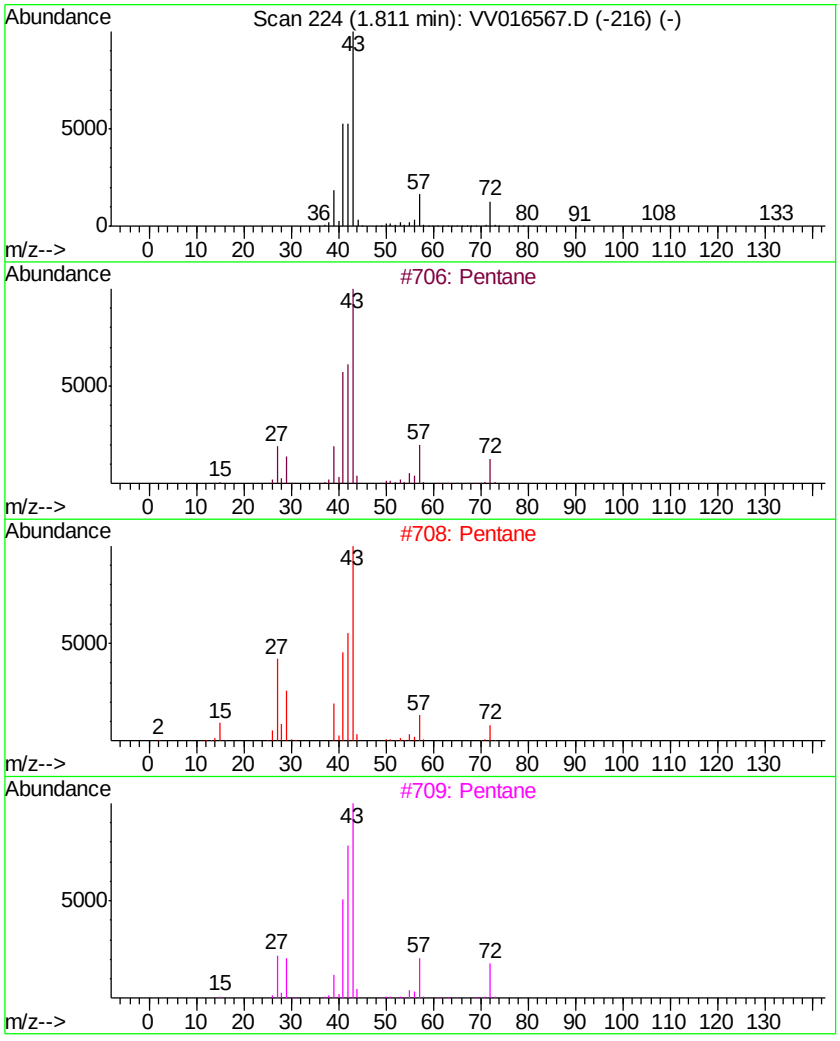
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

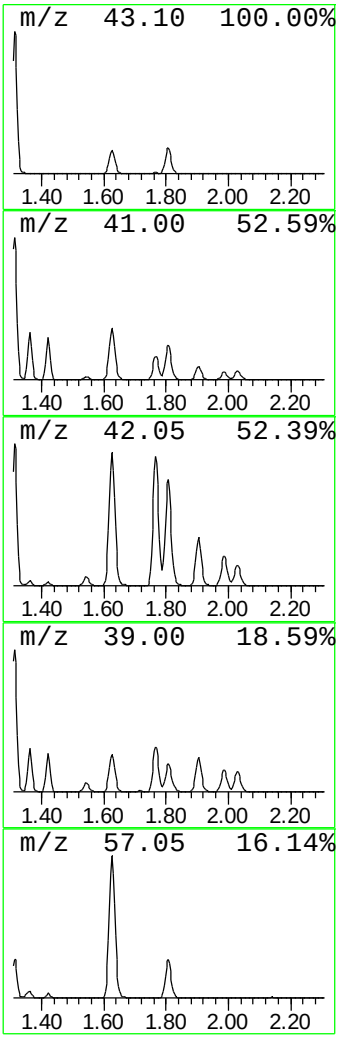
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.81	202.77 ug/L	3732400	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	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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

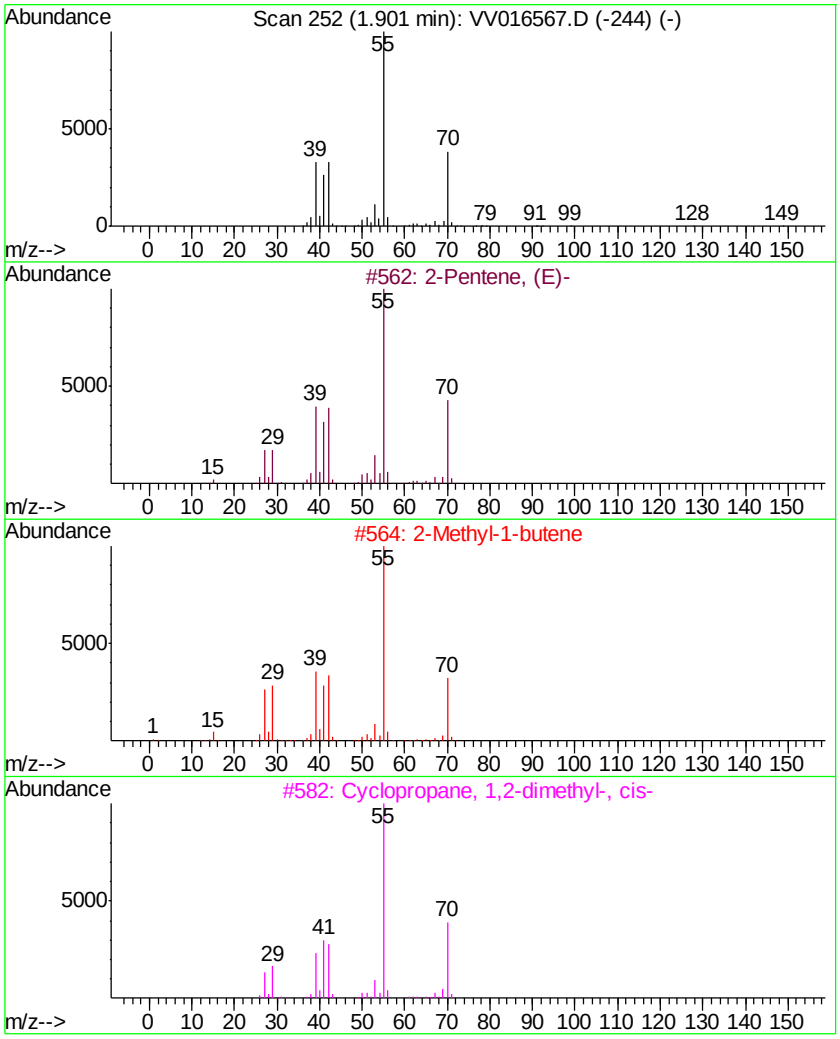
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

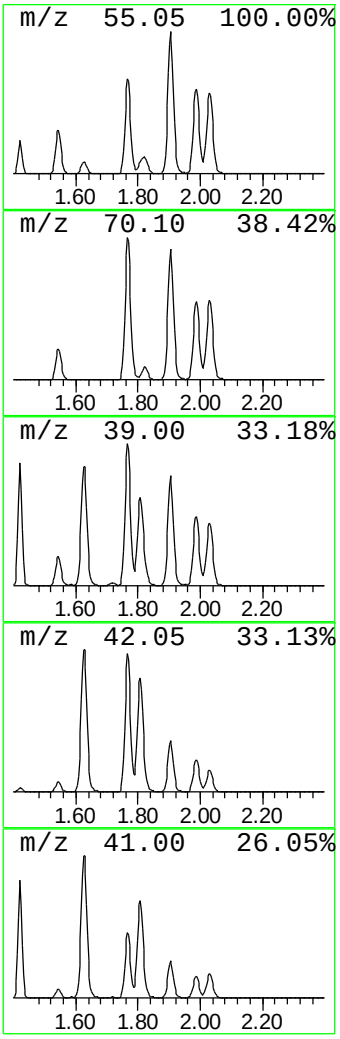
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.90	149.78 ug/L	2756990	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-Methyl-1-butene	70	C5H10	000563-46-2	90
3	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
4	2-Pentene, (Z)-	70	C5H10	000627-20-3	90
5	2-Pentene, (E)-	70	C5H10	000646-04-8	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

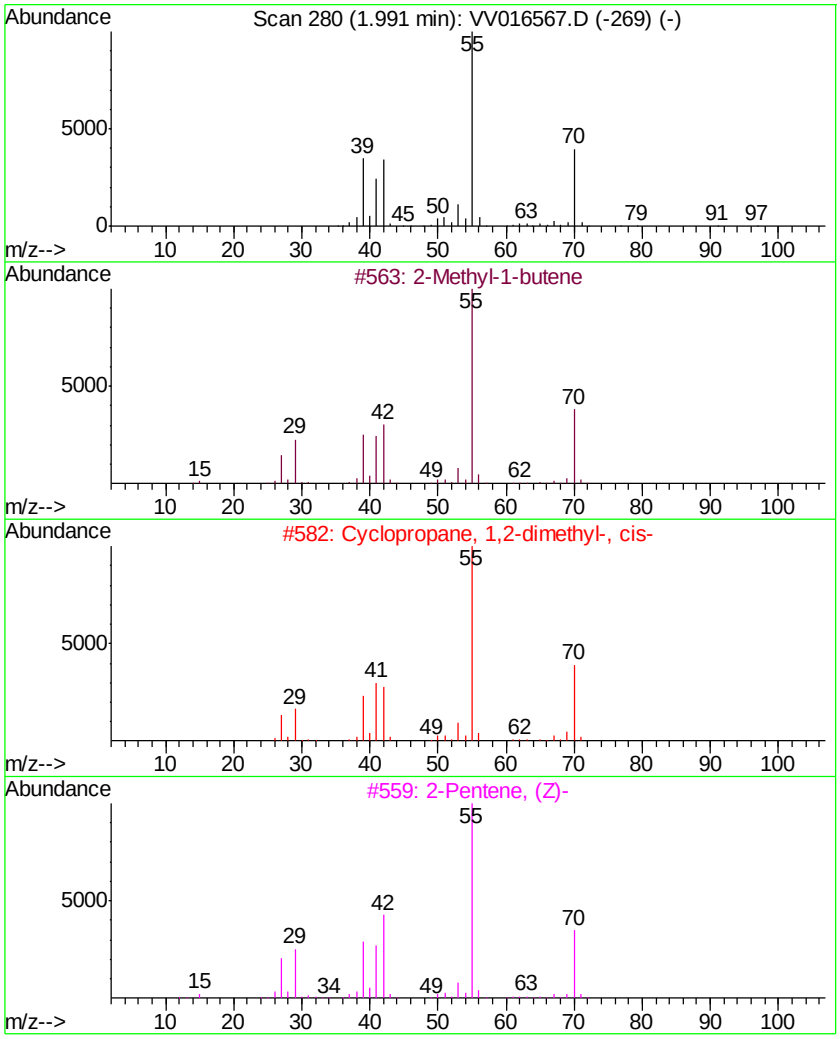
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

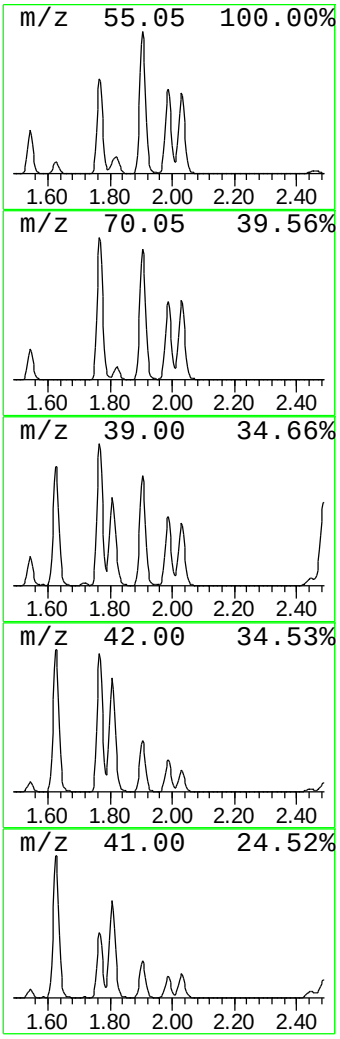
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.99	93.96 ug/L	1729510	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1-butene	70	C5H10	000563-46-2	90
2	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
3	2-Pentene, (Z)-	70	C5H10	000627-20-3	90
4	2-Butene, 2-methyl-	70	C5H10	000513-35-9	87
5	2-Butene, 2-methyl-	70	C5H10	000513-35-9	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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

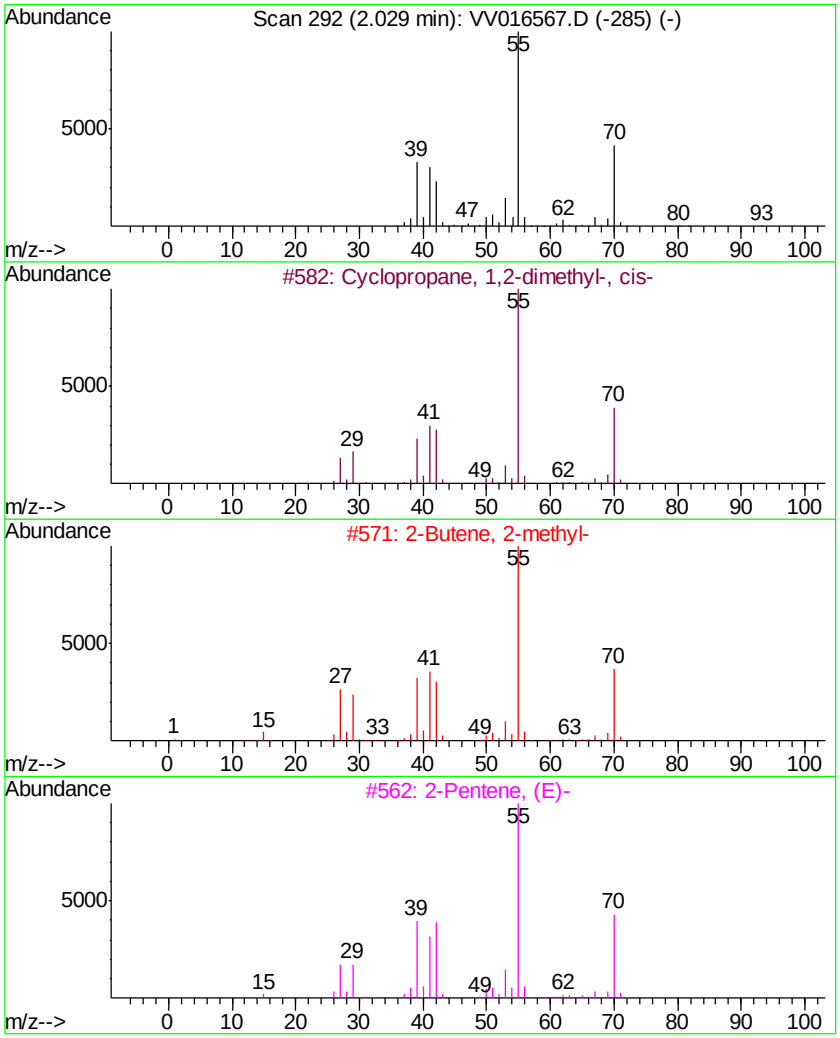
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

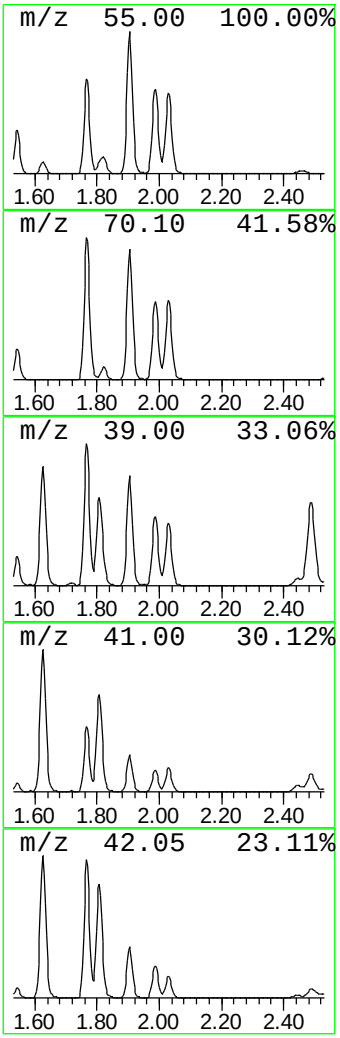
****

Peak Number 9 (DEL) Alkane: Cyclic2.03 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.03	98.18 ug/L	1807090	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	90
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	90
3	2-Pentene, (E)-	70	C5H10	000646-04-8	87
4	2-Butene, 2-methyl-	70	C5H10	000513-35-9	86
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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

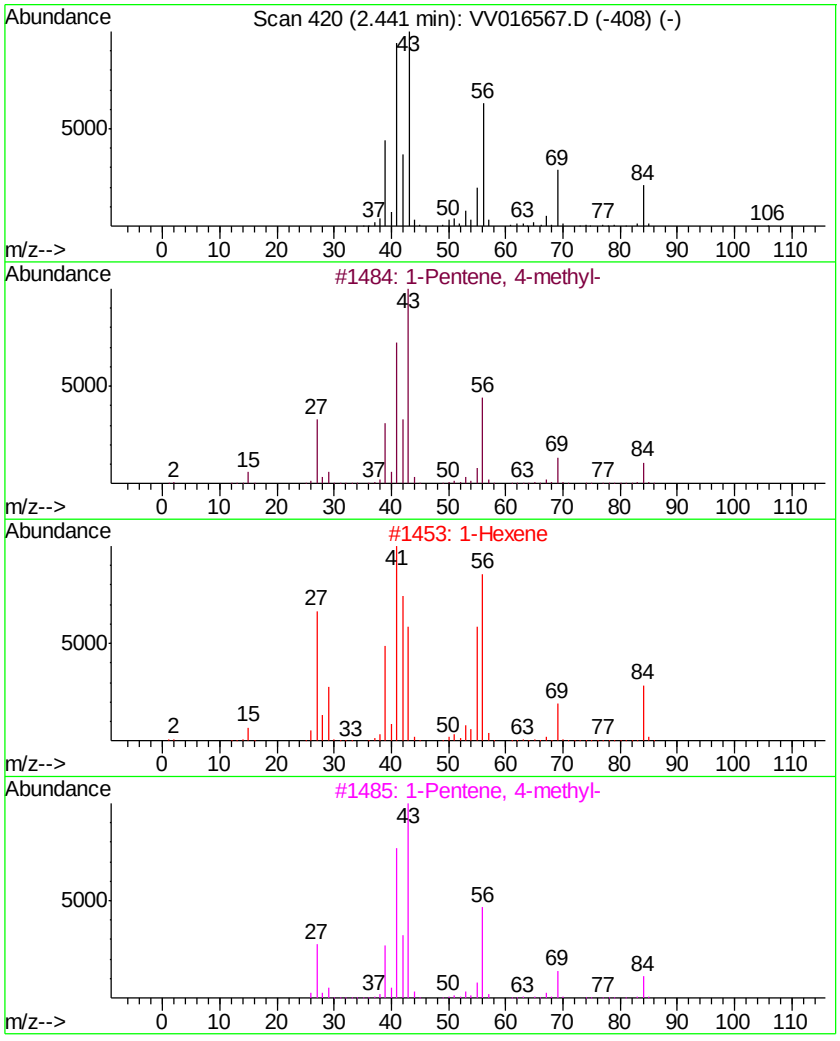
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

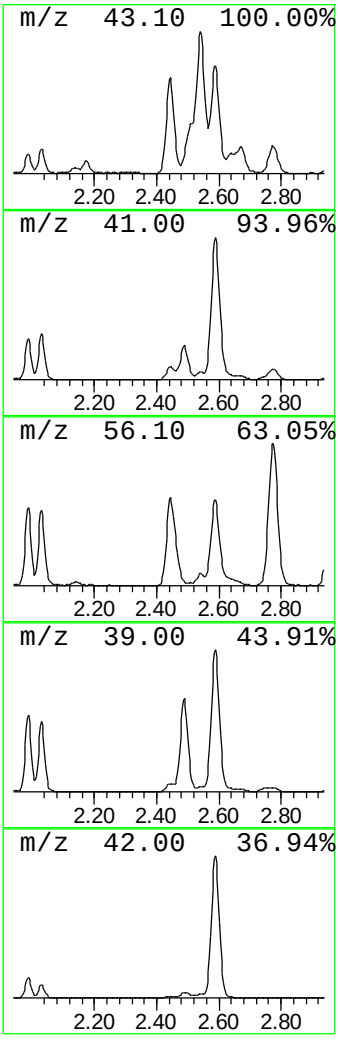
****

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	14.32 ug/L	263594	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	64
2	1-Hexene	84	C6H12	000592-41-6	64
3	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	64
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	50
5	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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

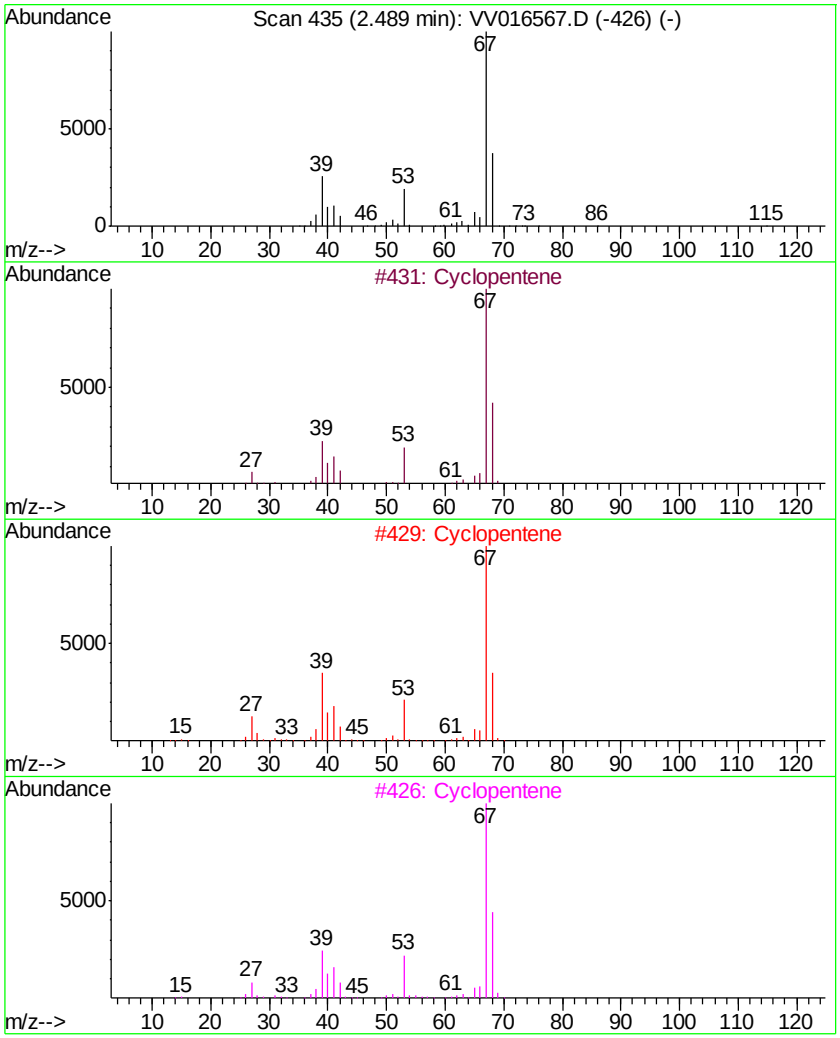
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

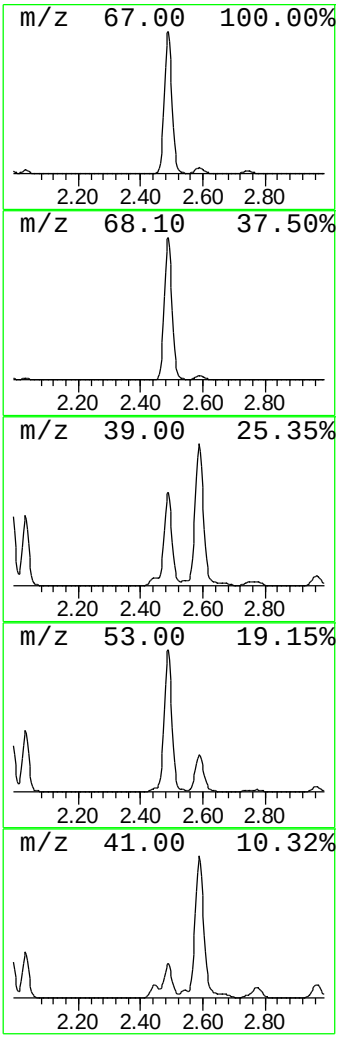
****

Peak Number 11 Cyclopentene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.49	152.66 ug/L	2810020	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	87
3	Cyclopentene	68	C5H8	000142-29-0	86
4	Cyclopentene	68	C5H8	000142-29-0	78
5	1-Butyne, 3-methyl-	68	C5H8	000598-23-2	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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

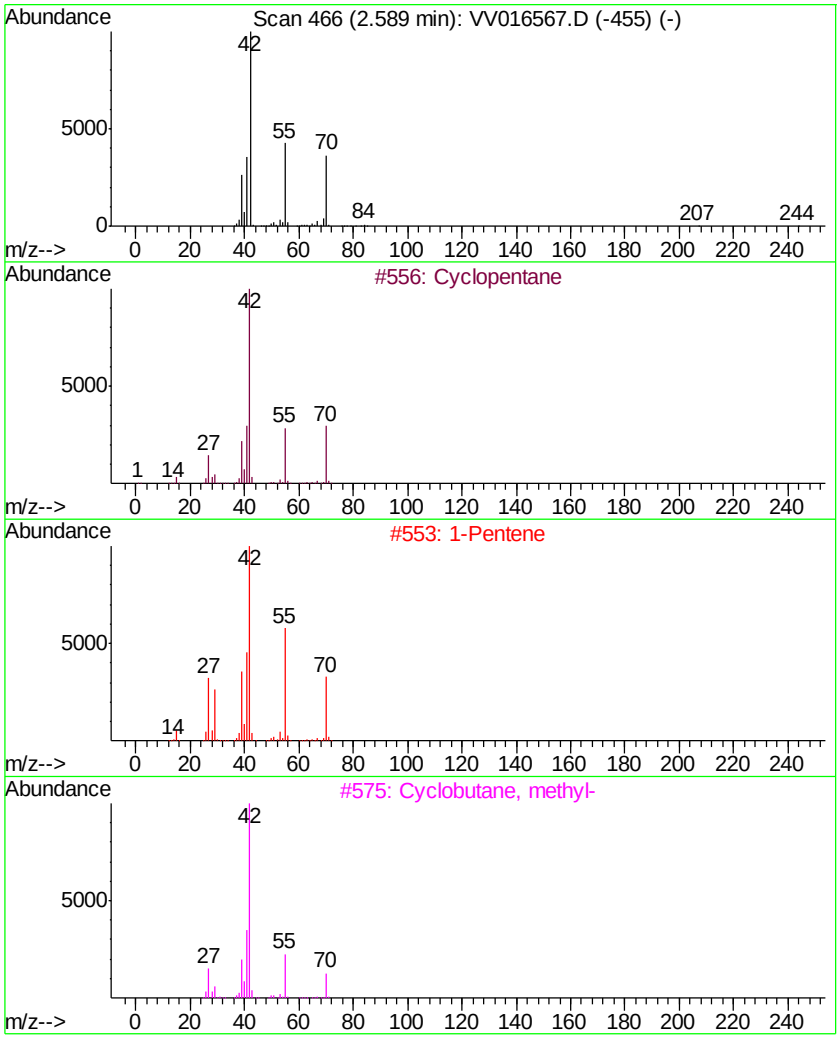
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

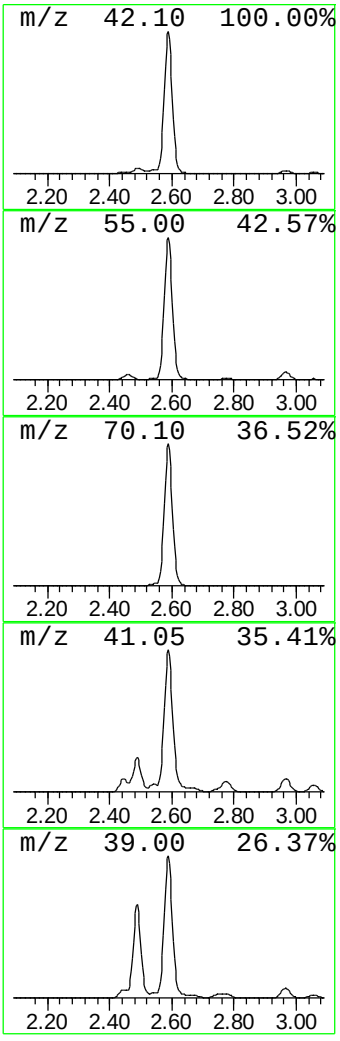
****

Peak Number 12 (DEL) Alkane: Cyclic2.59 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.59	328.06 ug/L	6038580	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	86
2	1-Pentene	70	C5H10	000109-67-1	78
3	Cyclobutane, methyl-	70	C5H10	000598-61-8	72
4	Cyclopentane	70	C5H10	000287-92-3	72
5	Cyclobutane, methyl-	70	C5H10	000598-61-8	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

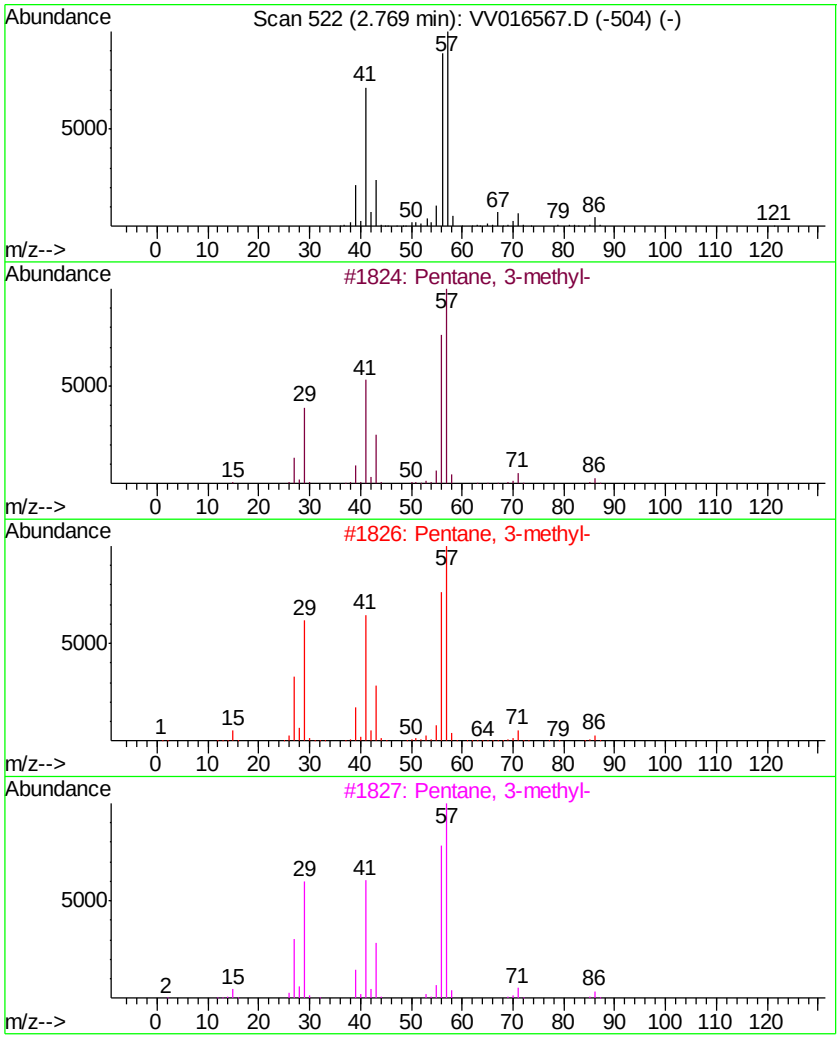
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

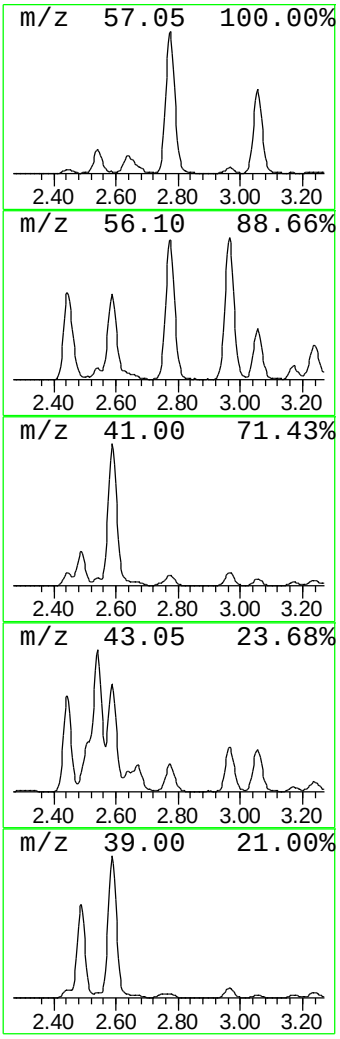
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.77	21.10 ug/L	388399	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	87
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
4	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	59
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	56





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

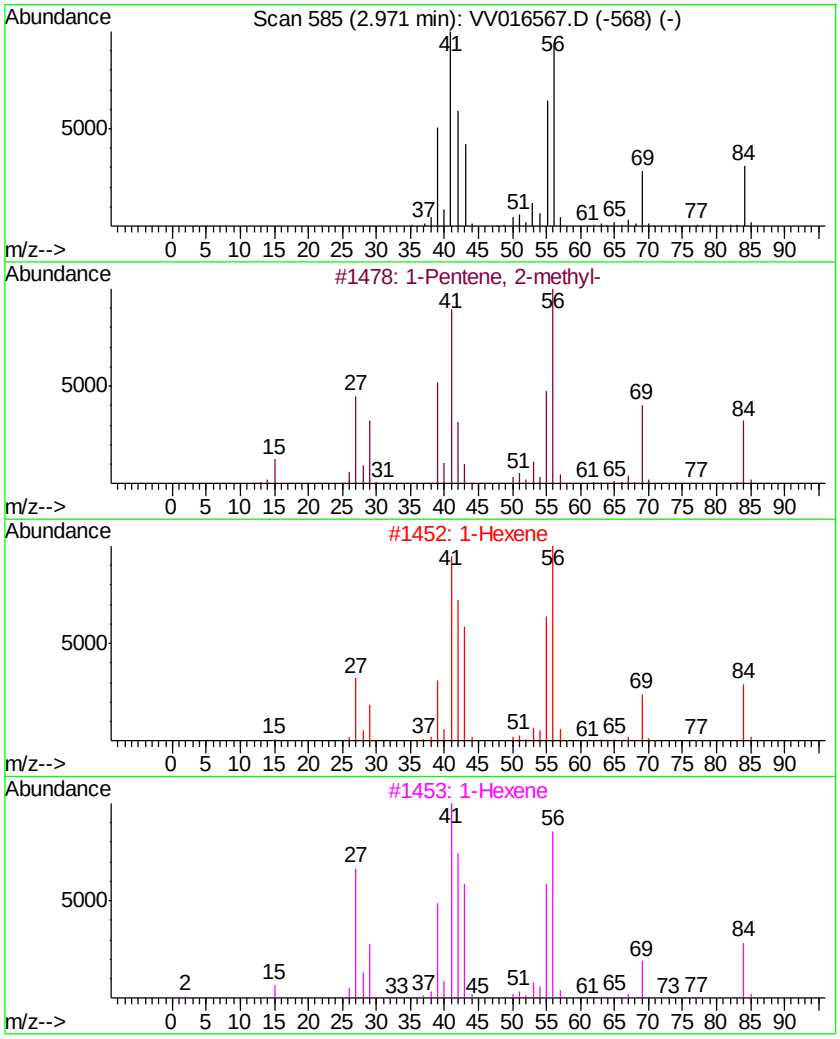
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

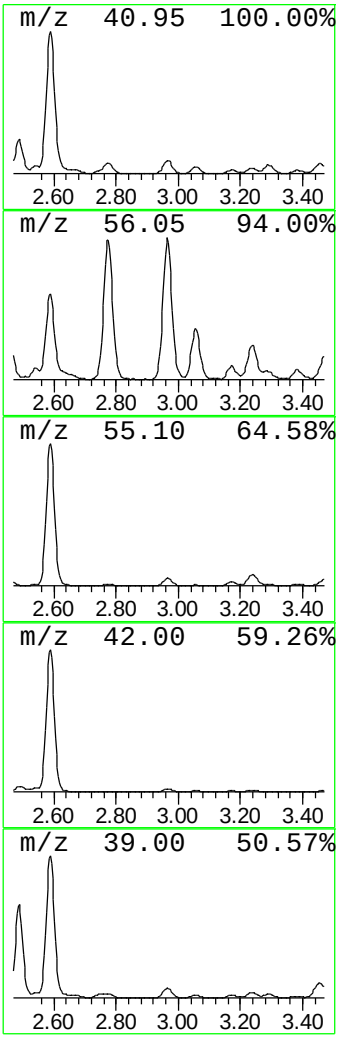
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.97	22.99 ug/L	423220	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	87
2	1-Hexene	84	C6H12	000592-41-6	81
3	1-Hexene	84	C6H12	000592-41-6	81
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
5	Cyclohexane	84	C6H12	000110-82-7	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

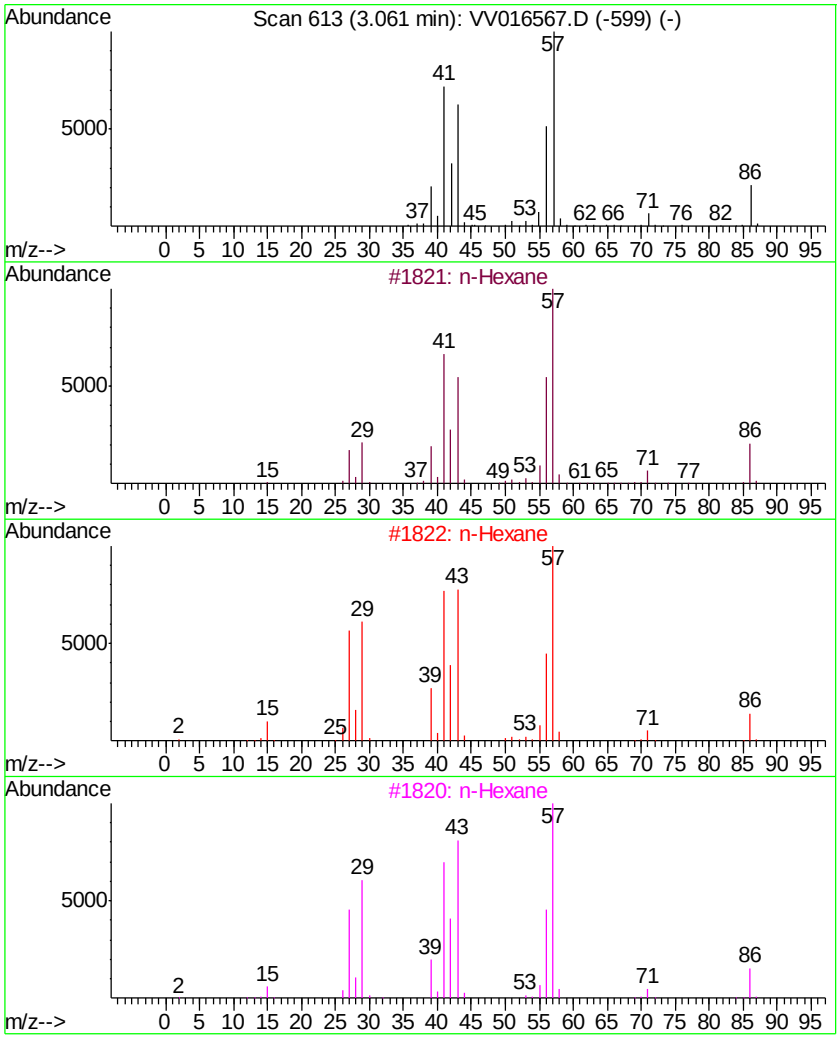
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

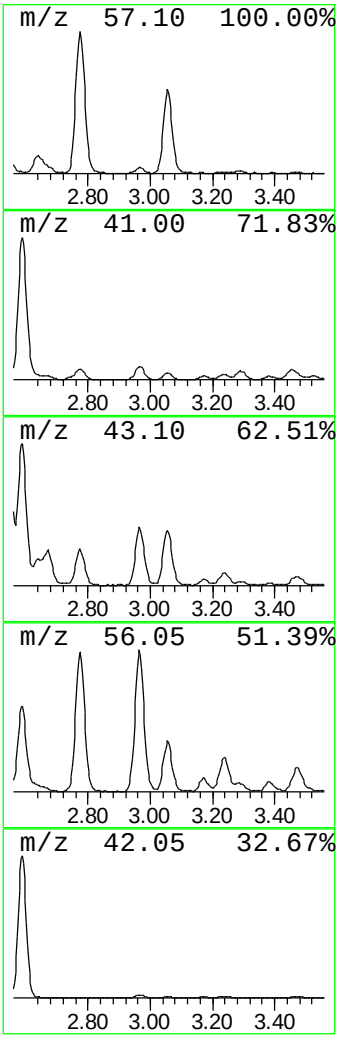
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	11.33 ug/L	208557	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	n-Hexane	86	C6H14	000110-54-3	72
3	n-Hexane	86	C6H14	000110-54-3	53
4	Pentane, 3-methyl-	86	C6H14	000096-14-0	40
5	Pentane, 3-methyl-	86	C6H14	000096-14-0	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

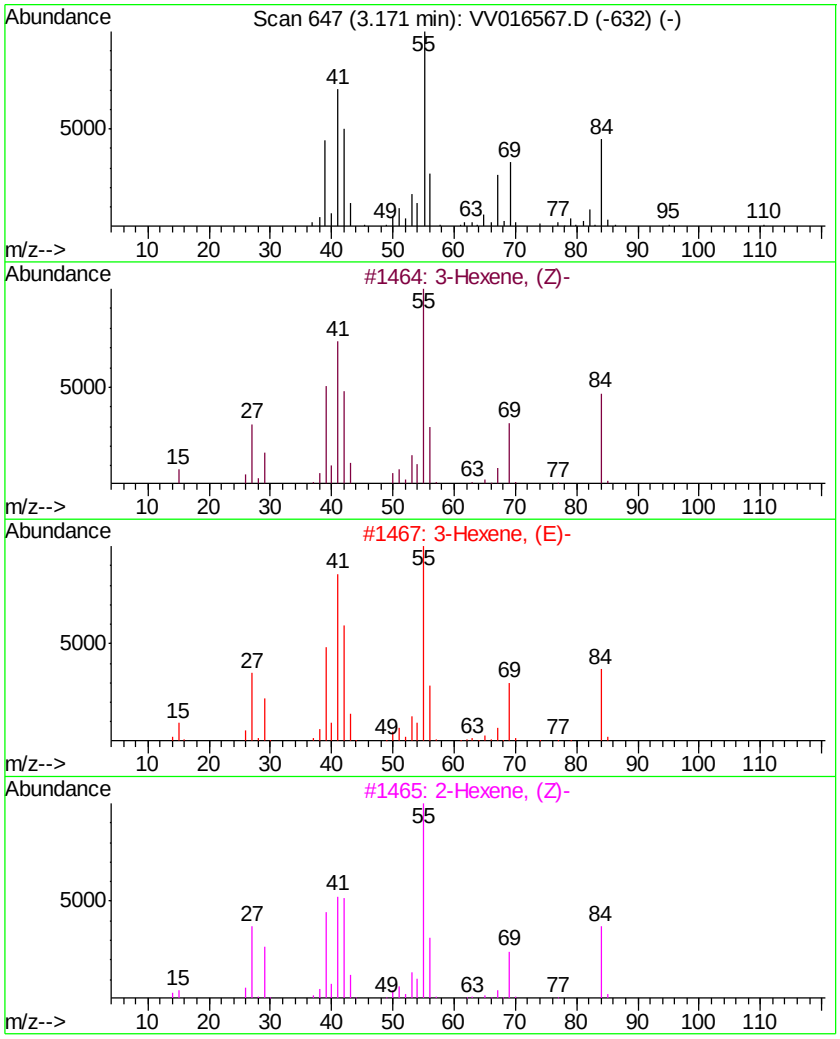
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

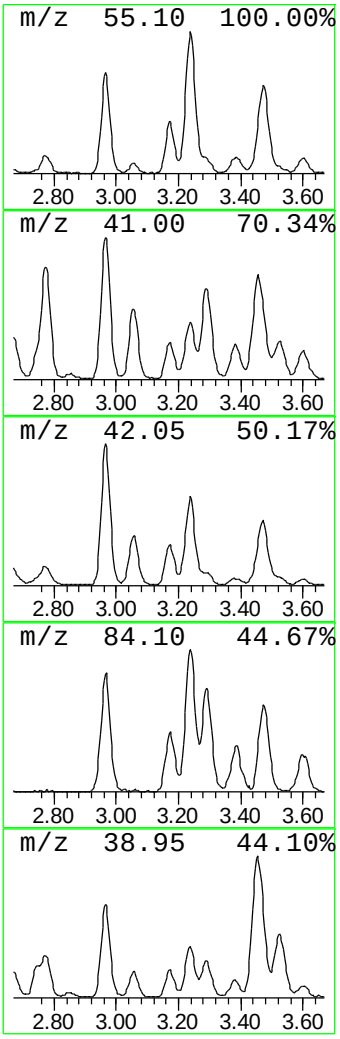
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	7.68 ug/L	141454	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	90
3	2-Hexene, (Z)-	84	C6H12	007688-21-3	90
4	2-Hexene	84	C6H12	000592-43-8	70
5	3-Hexene, (Z)-	84	C6H12	007642-09-3	70





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

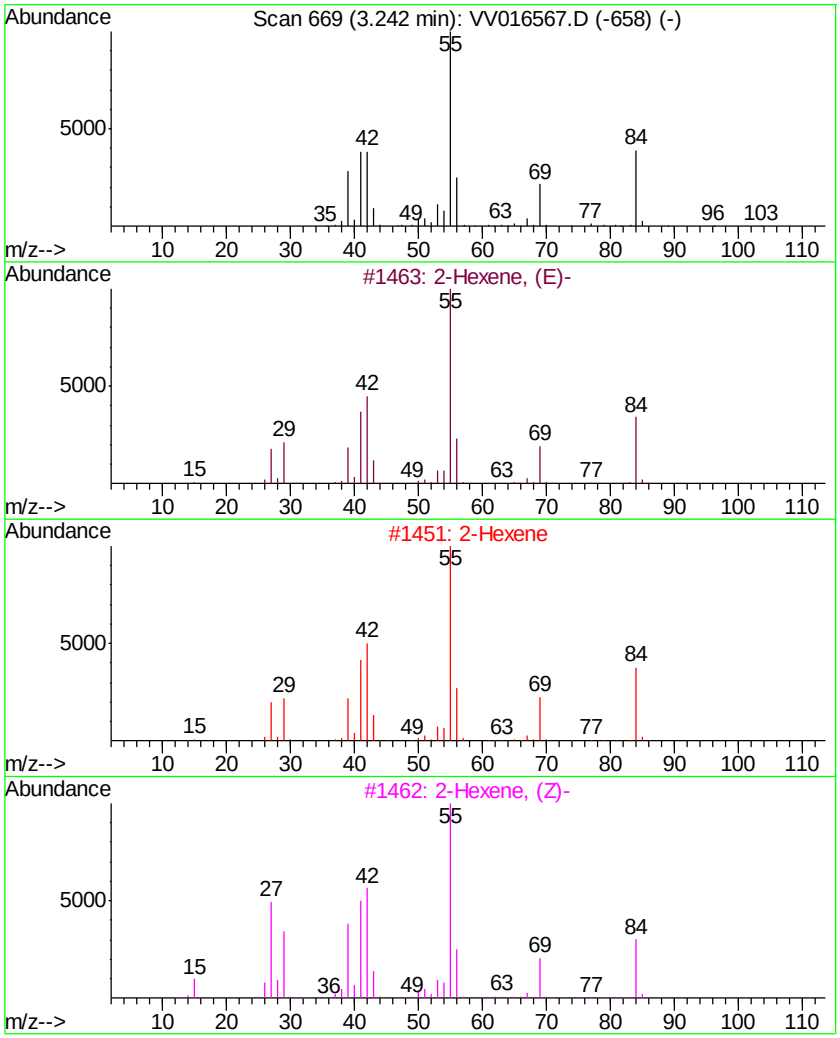
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

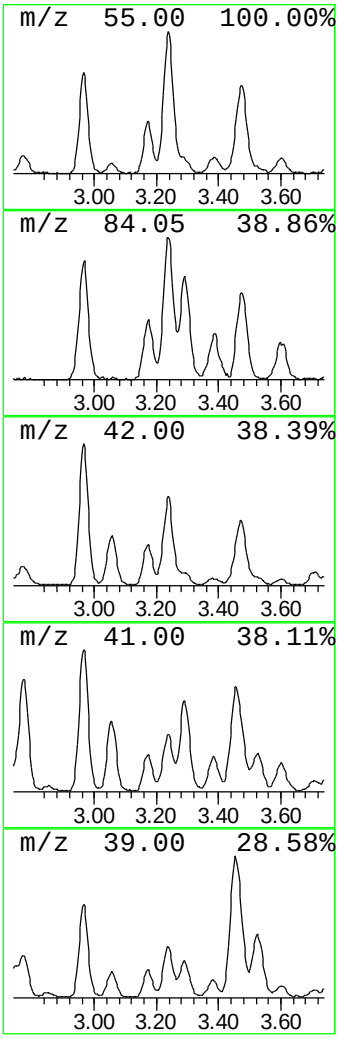
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	11.82 ug/L	217578	1,4-Difluorobenzene	5.64

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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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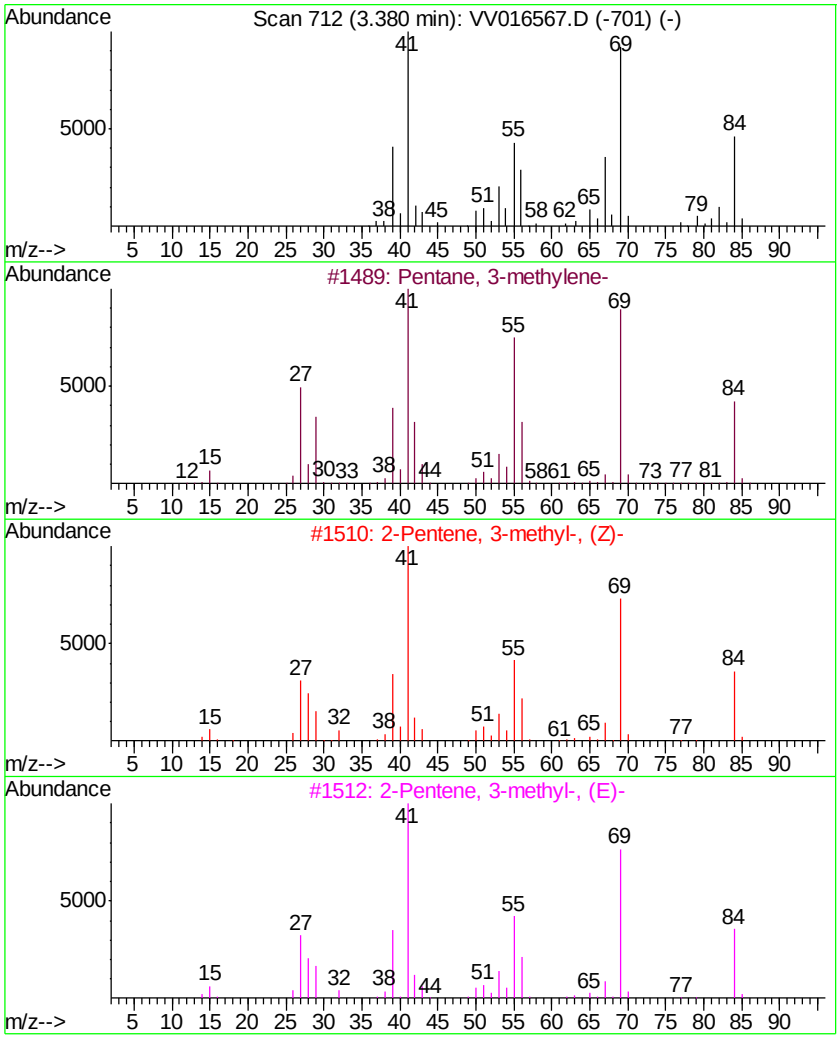
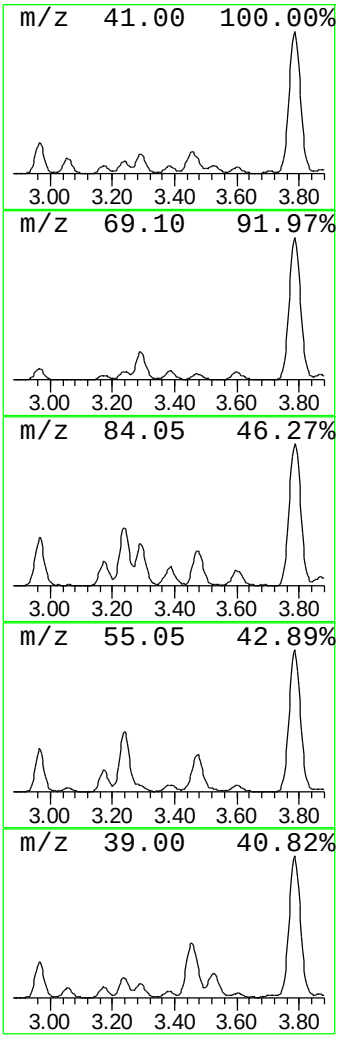
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.38	5.04 ug/L	92857	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methylene-	84	C6H12	000760-21-4	87
2	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	76
3	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	76
4	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	70
5	Cyclopropane, 1,2,3-trimethyl-	84	C6H12	042984-19-0	58





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Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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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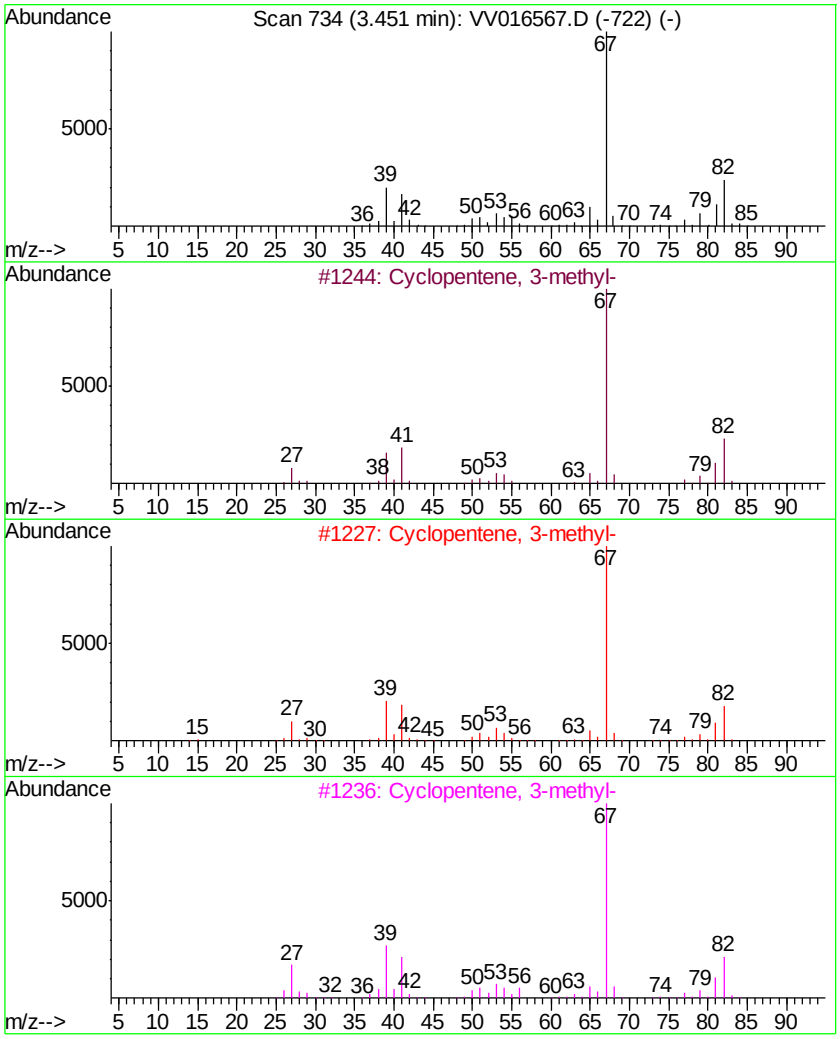
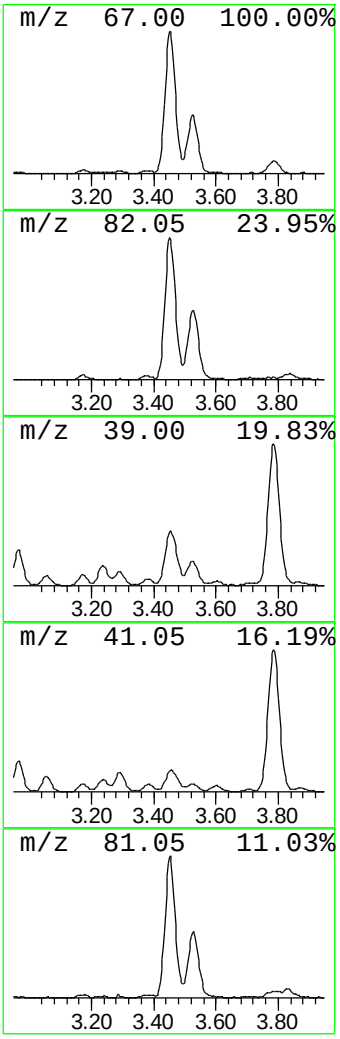
Peak Number 19 Cyclopentene, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.45	49.37 ug/L	908792	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	1,3,3-Trimethylcyclopropene	82	C6H10	003664-56-0	91
5	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	90





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Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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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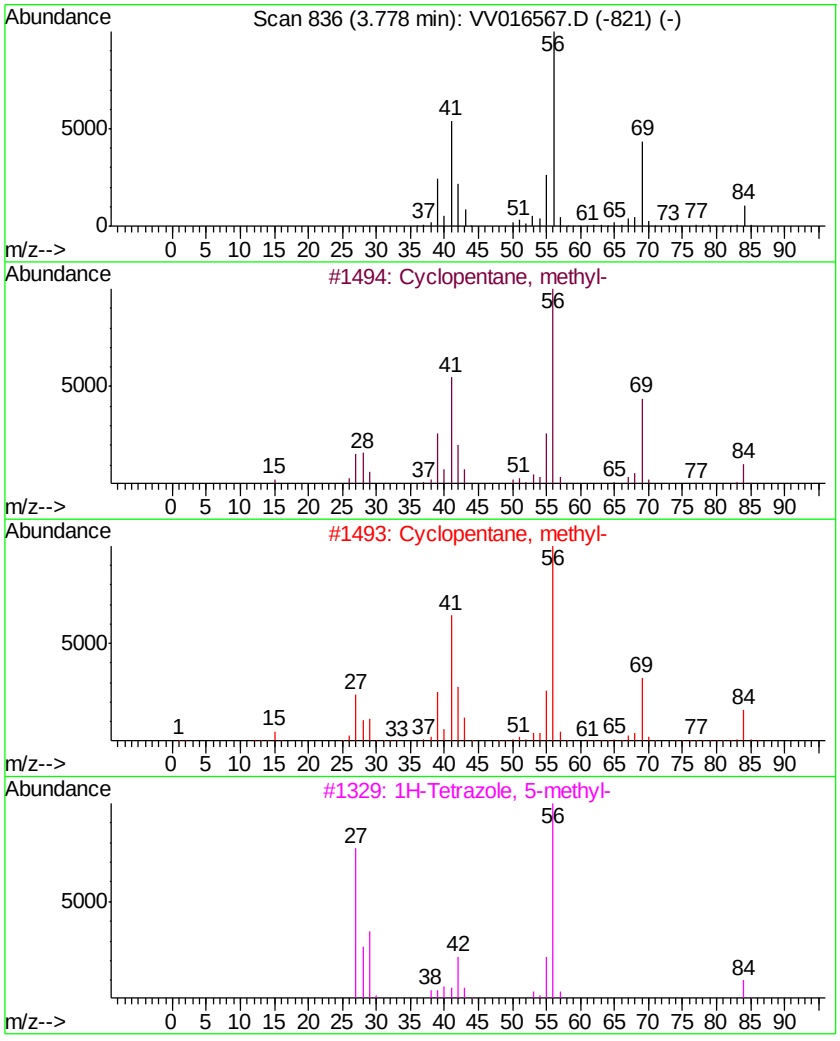
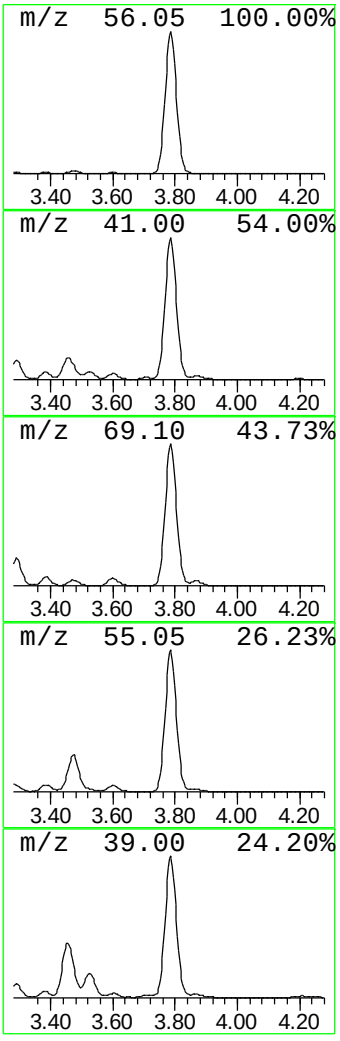
Peak Number 20 (DEL) Alkane: Cyclic3.78 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	151.51 ug/L	2788810	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





Library Search Compound Report

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Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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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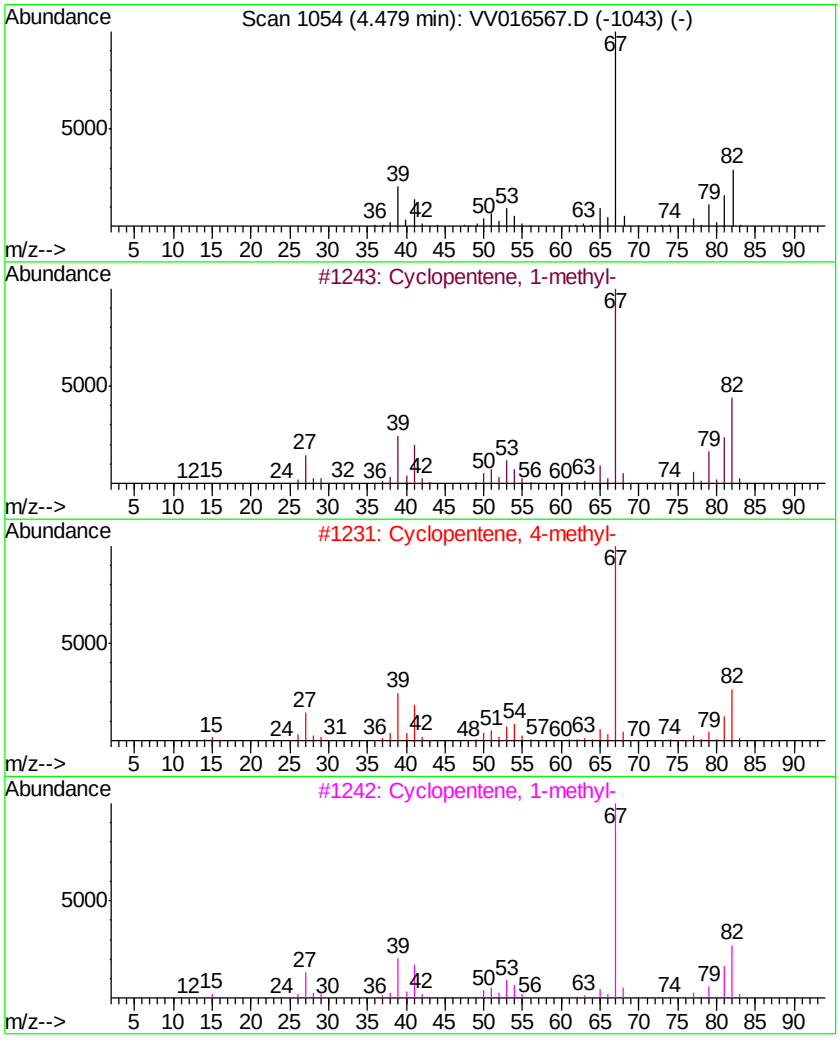
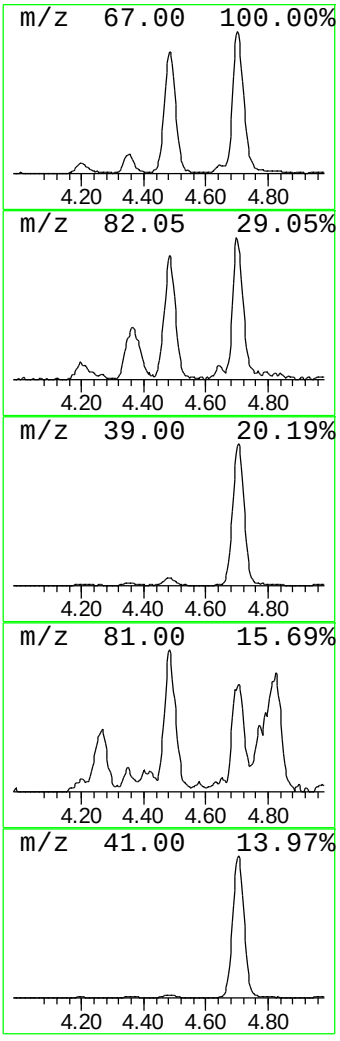
Peak Number 21 Cyclopentene, 1-methyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.48	10.67 ug/L	196319	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, 4-methyl-	82	C6H10	001759-81-5	83
3	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	83
4	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	83
5	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	80





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Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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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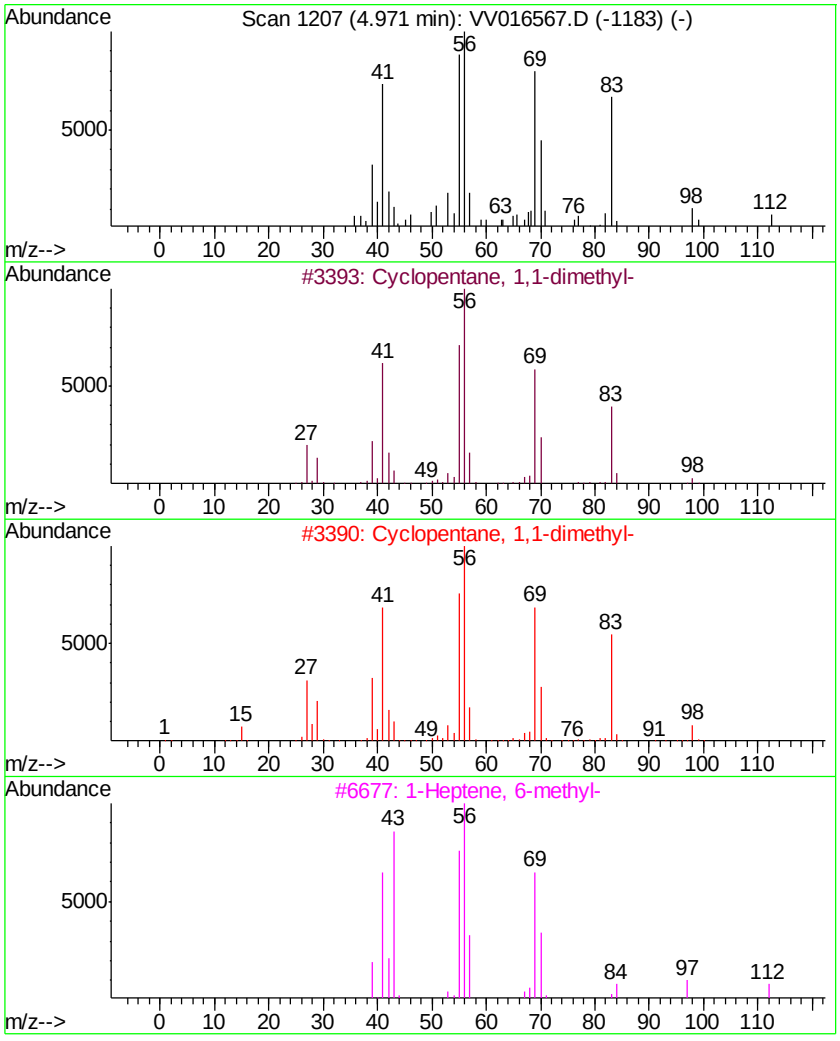
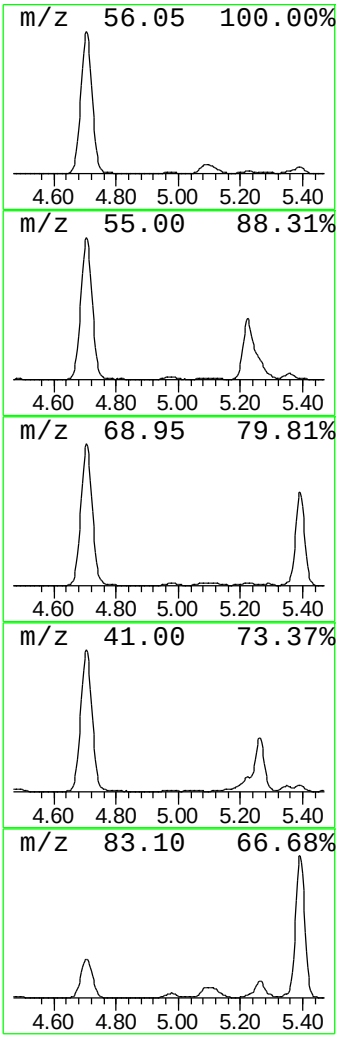
Peak Number 22 (DEL) Alkane: Cyclic4.97 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	2.87 ug/L	52782	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	87
2	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	81
3	1-Heptene, 6-methyl-	112	C8H16	005026-76-6	52
4	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	49
5	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	46





Library Search Compound Report

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Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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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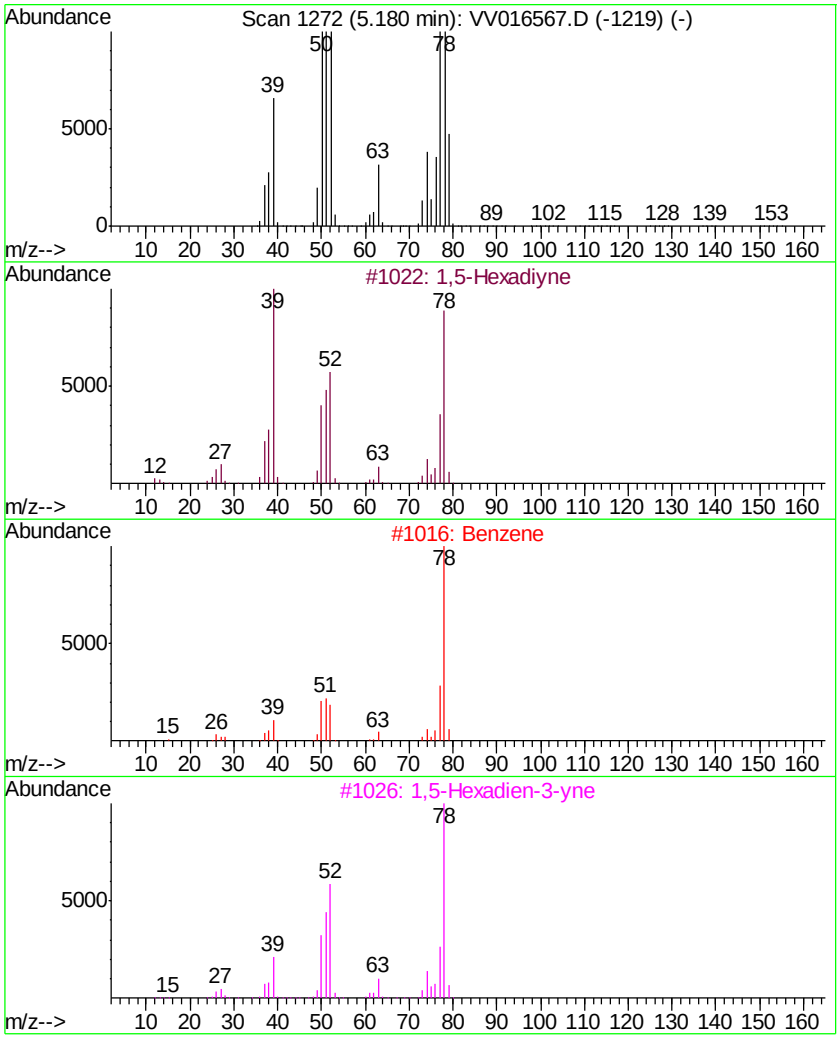
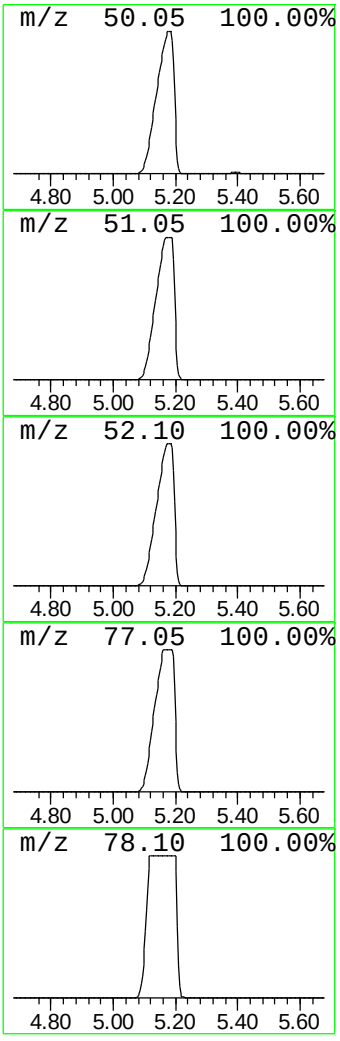
Peak Number 23 1,5-Hexadiyne Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	17788.80 ug/L	327433000	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	83
3	1,5-Hexadien-3-yne	78	C6H6	000821-08-9	74
4	Benzene	78	C6H6	000071-43-2	72
5	2,4-Hexadiyne	78	C6H6	002809-69-0	68





Library Search Compound Report

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Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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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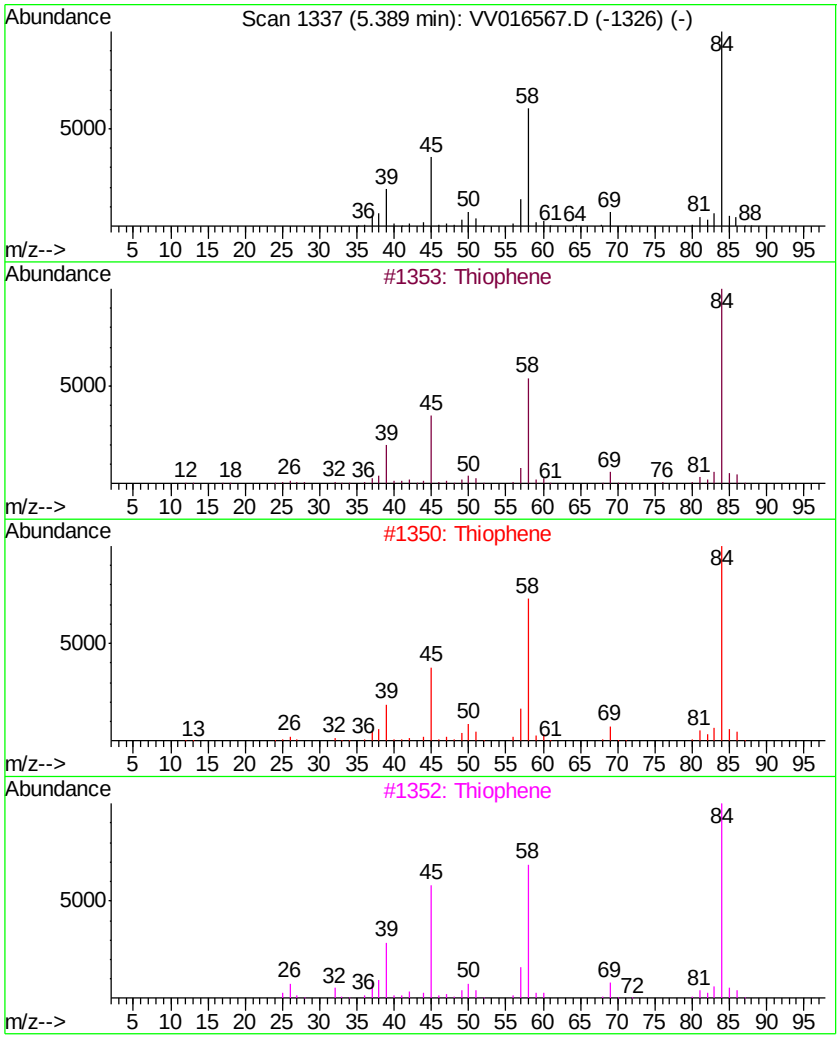
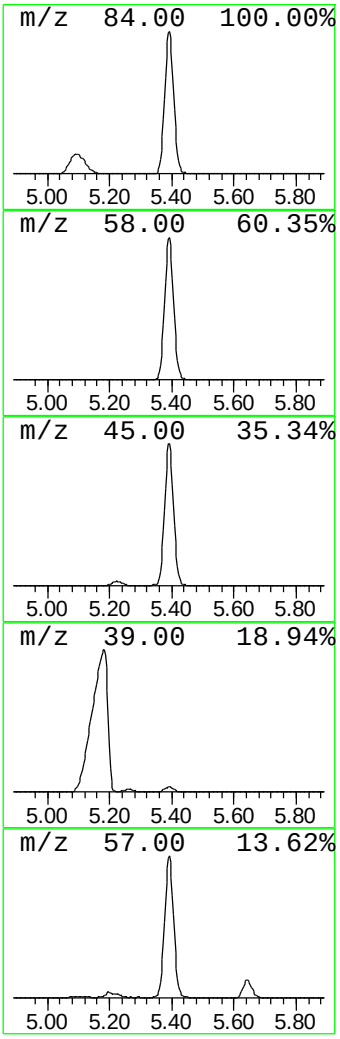
Peak Number 24 Thiophene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	330.37 ug/L	6081000	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	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	37





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Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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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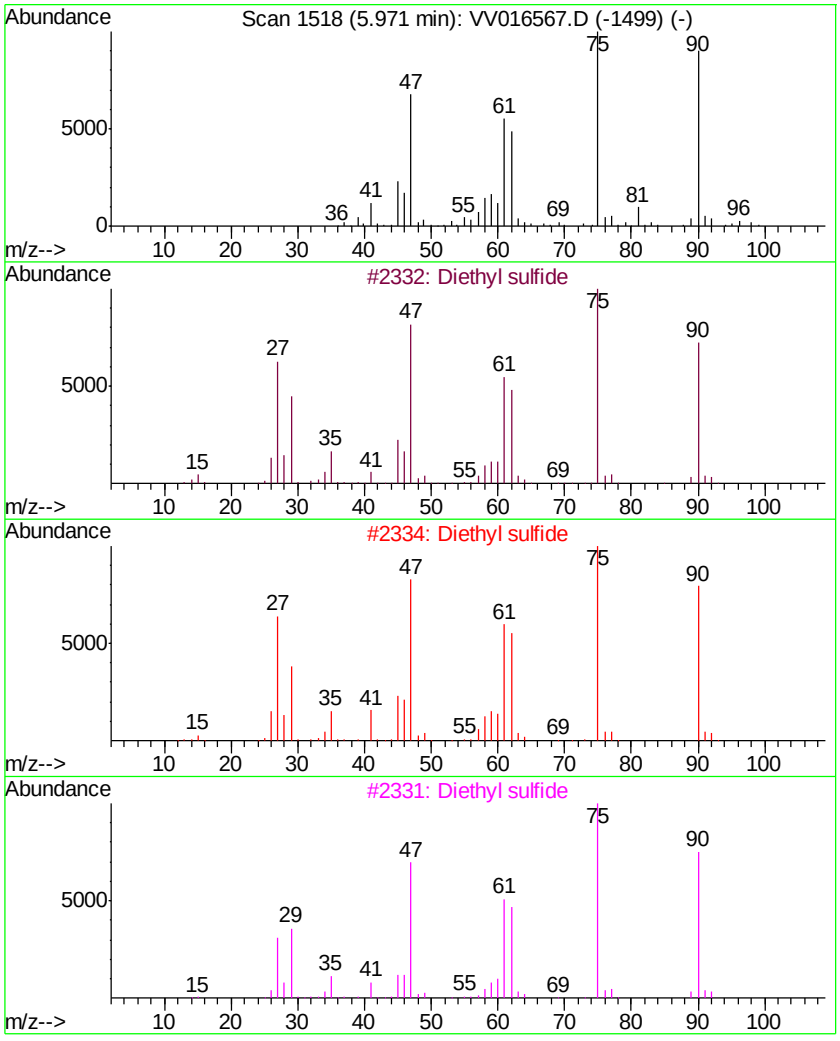
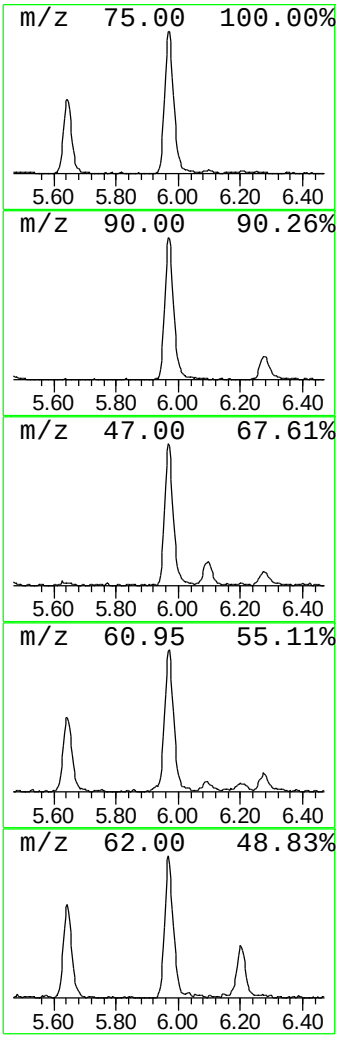
Peak Number 25 Diethyl sulfide Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	14.46 ug/L	266084	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl sulfide	90	C4H10S	000352-93-2	97
2	Diethyl sulfide	90	C4H10S	000352-93-2	96
3	Diethyl sulfide	90	C4H10S	000352-93-2	96
4	Diethyl sulfide	90	C4H10S	000352-93-2	91
5	Phosphine, diethyl-	90	C4H11P	000627-49-6	45





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Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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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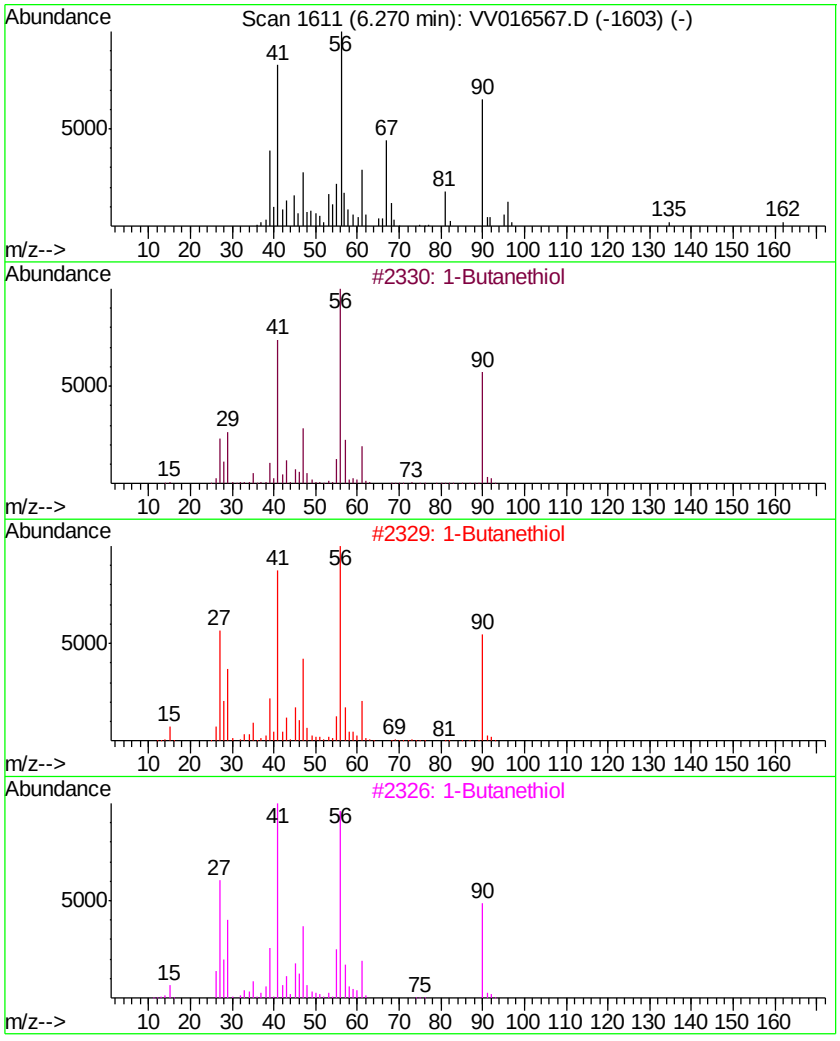
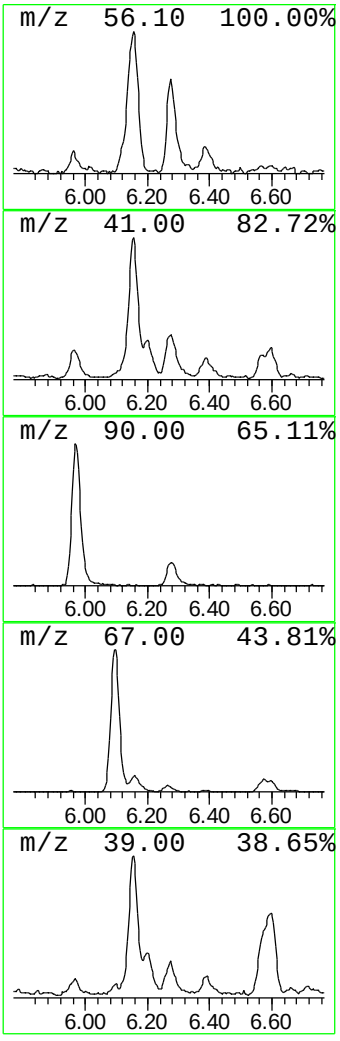
Peak Number 26 1-Butanethiol Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	3.43 ug/L	63045	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanethiol	90	C4H10S	000109-79-5	53
2	1-Butanethiol	90	C4H10S	000109-79-5	49
3	1-Butanethiol	90	C4H10S	000109-79-5	43
4	3-Buten-1-ol, 2-methyl-	86	C5H10O	004516-90-9	25
5	(Z)-Hex-2-ene, 5-methyl-	98	C7H14	013151-17-2	25





Library Search Compound Report

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Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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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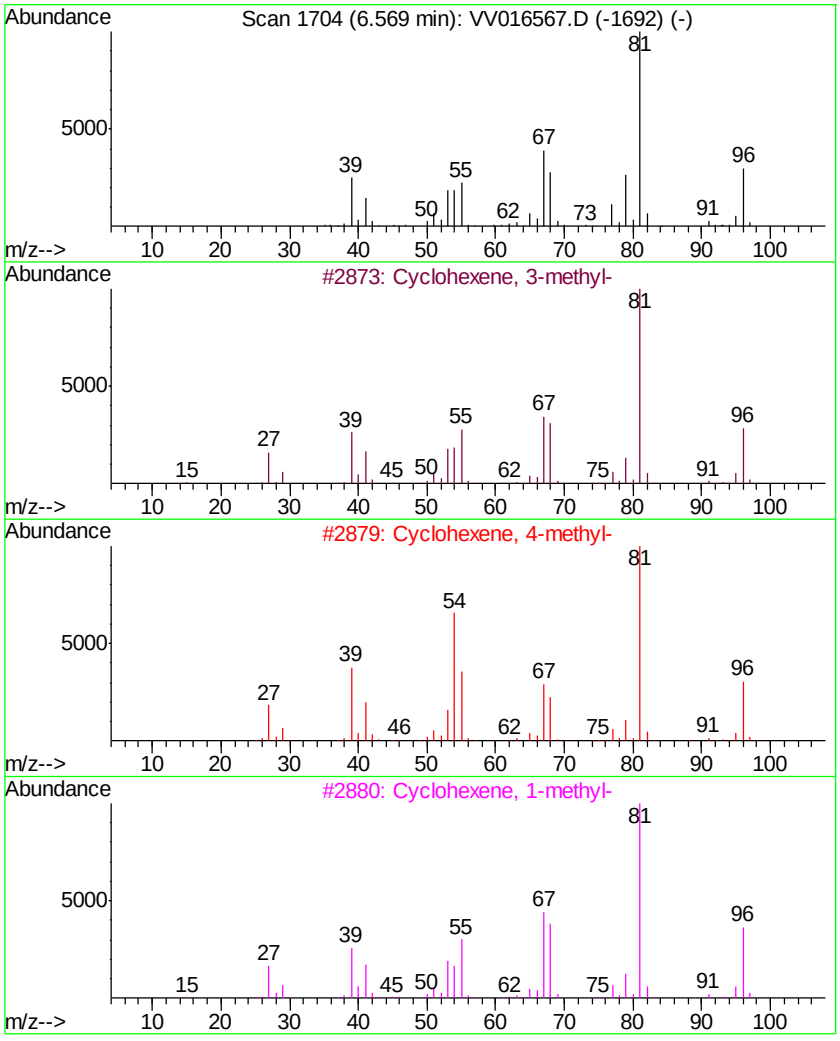
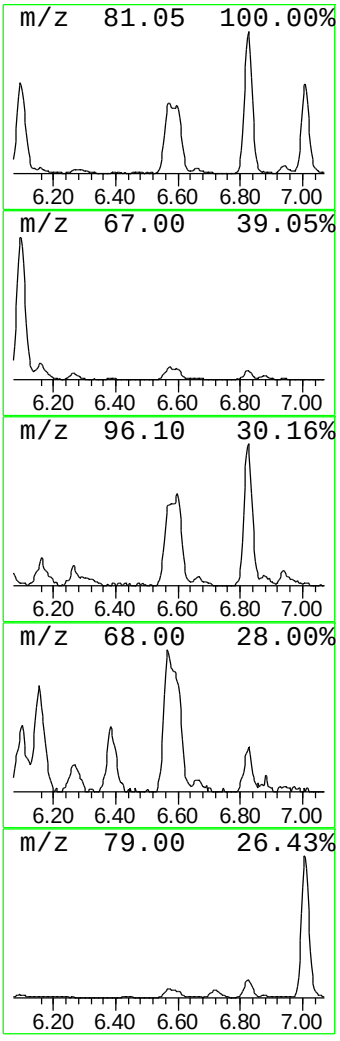
Peak Number 27 Cyclohexene, 3-methyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	6.36 ug/L	116997	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	94
2	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	87
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	87
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	83
5	2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	76





Library Search Compound Report

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Data File : VV016567.D
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Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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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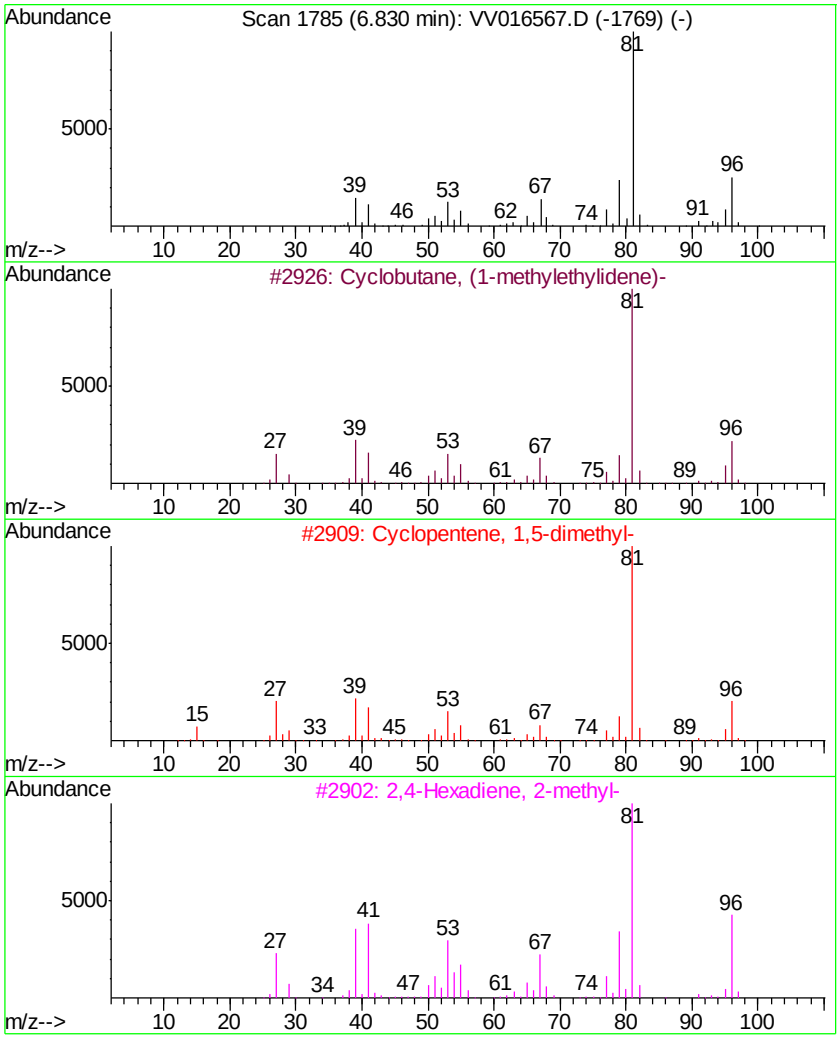
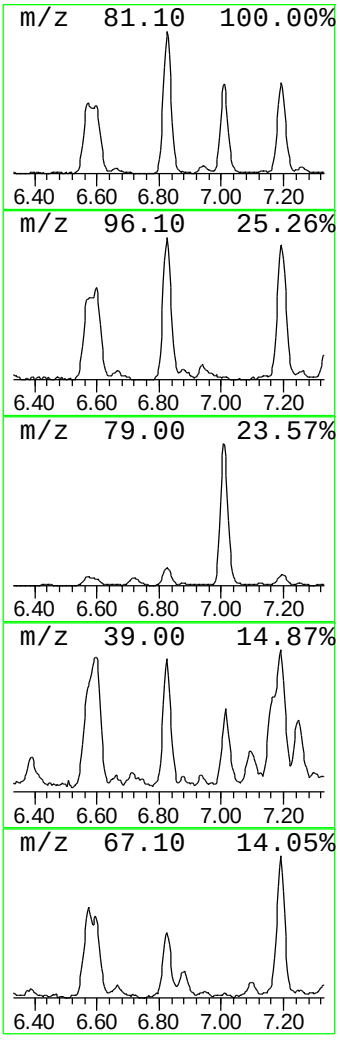
Peak Number 28 Cyclobutane, (1-methylethyl... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	9.93 ug/L	182856	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	90
3	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	87
4	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	87
5	Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	86





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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

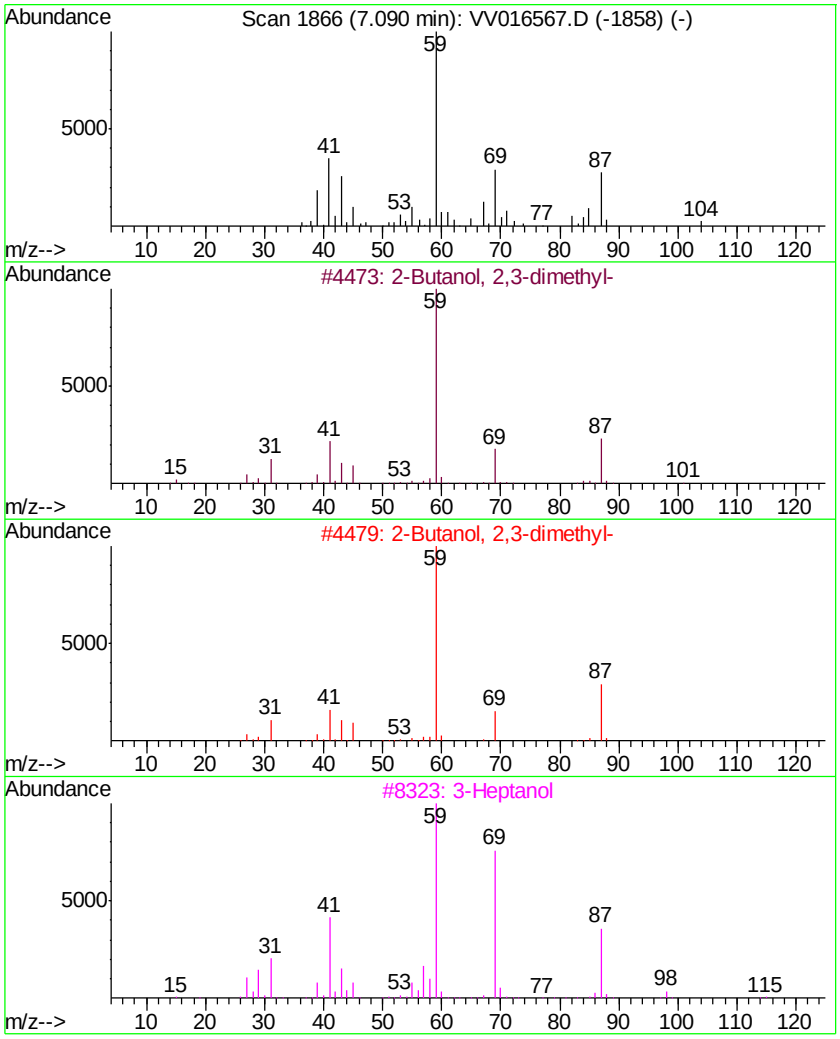
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

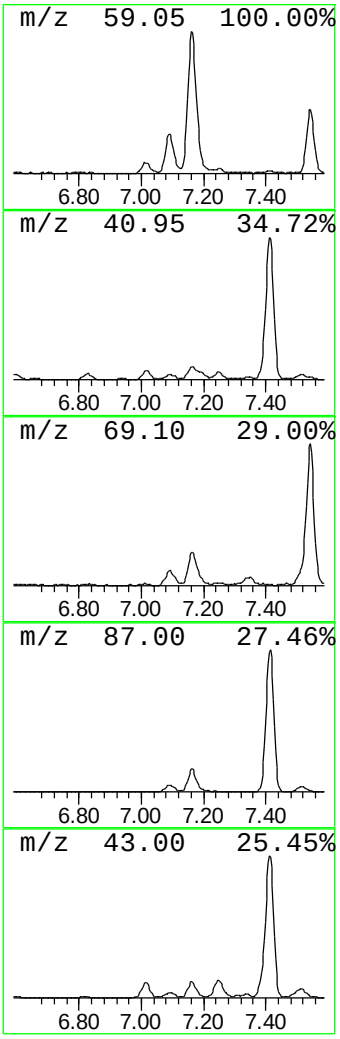
****

Peak Number 30 unknown-01 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	2.56 ug/L	47124	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	45
2	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	38
3	3-Heptanol	116	C7H16O	000589-82-2	38
4	3-Heptanol	116	C7H16O	000589-82-2	38
5	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	38





Library Search Compound Report

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Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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

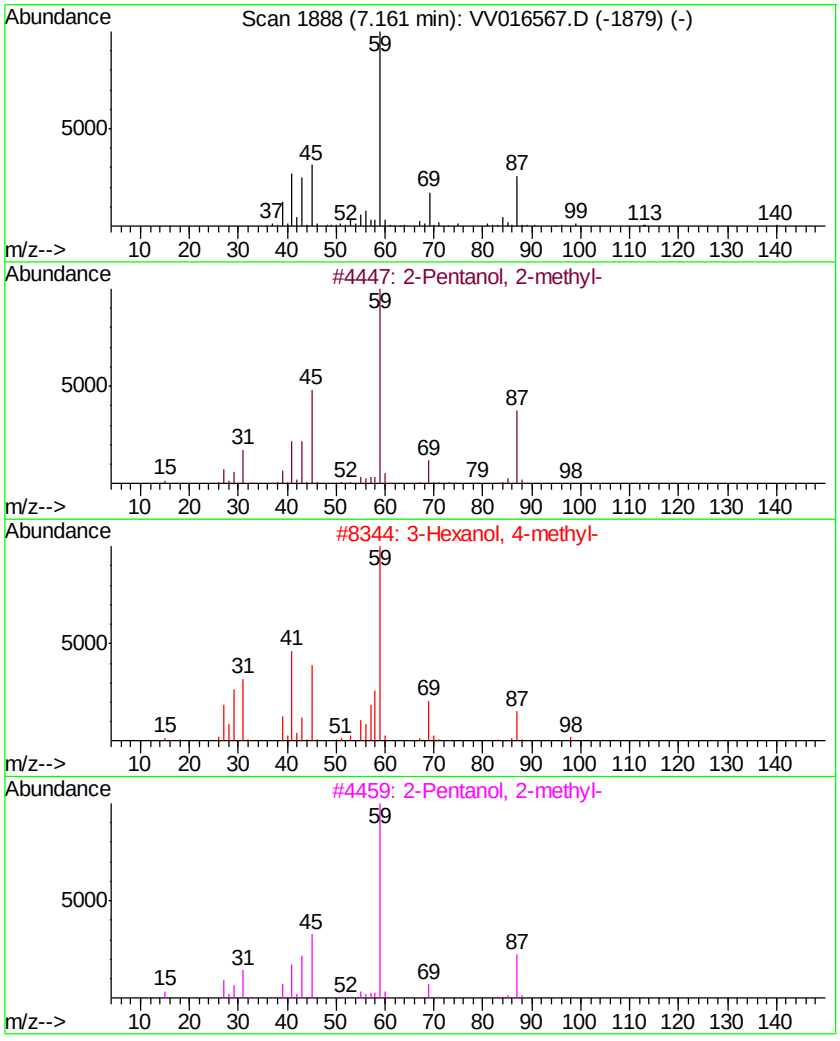
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

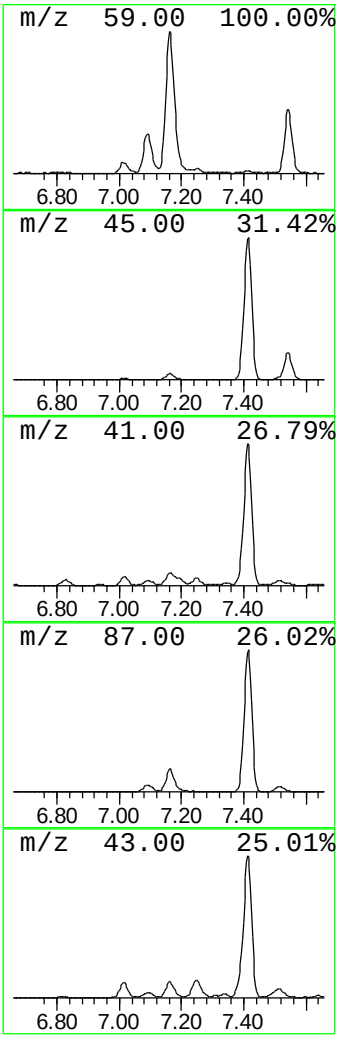
****

Peak Number 31 2-Pentanol, 2-methyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	6.82 ug/L	125501	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	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	56
3	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	56
4	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	53
5	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	50





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Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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

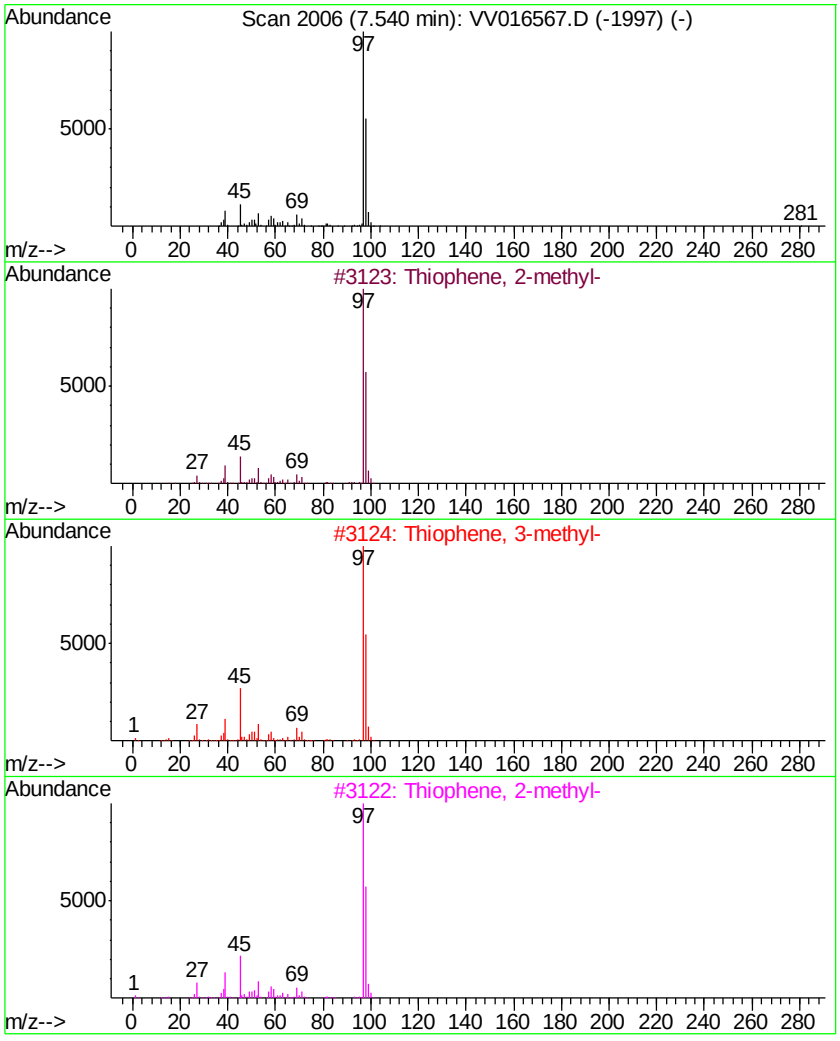
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

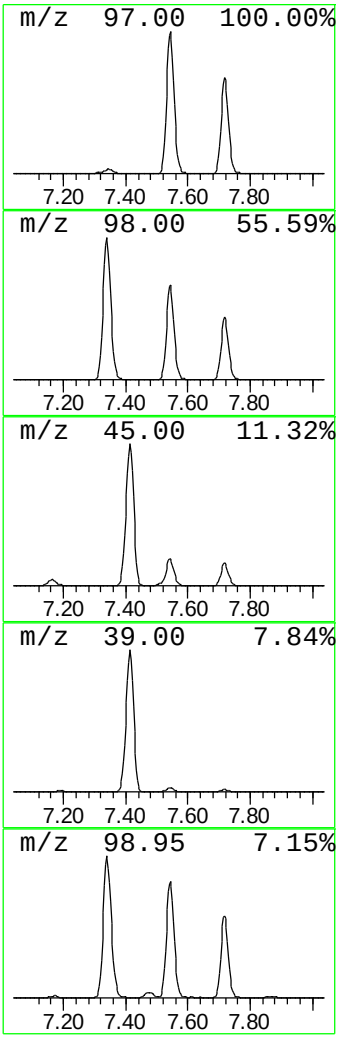
****

Peak Number 32 Thiophene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	56.47 ug/L	1411000	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, 3-methyl-	98	C5H6S	000616-44-4	91
3	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	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 : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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

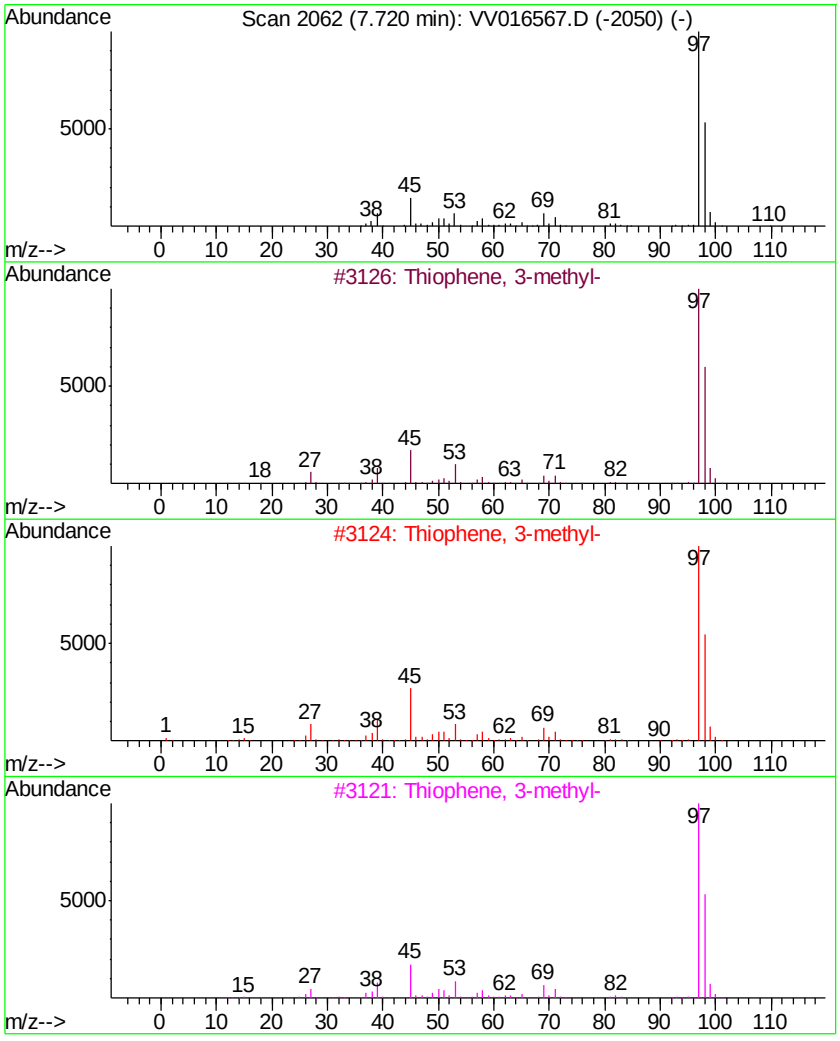
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

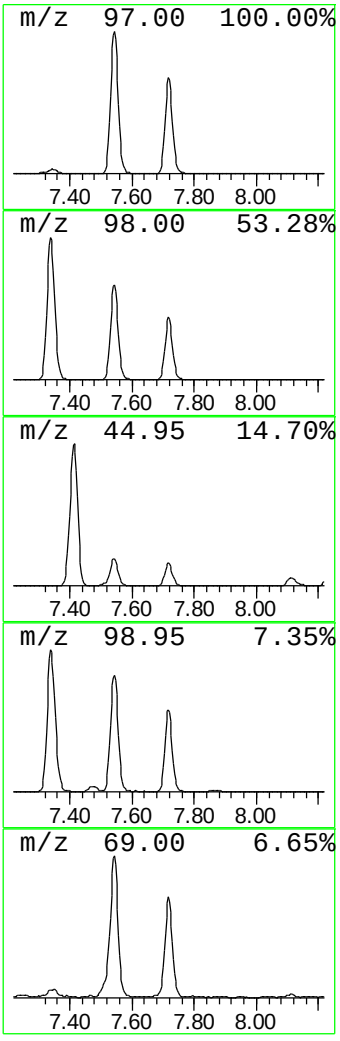
****

Peak Number 33 Thiophene, 3-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	36.06 ug/L	901170	Chlorobenzene-d5	8.87

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	94
3	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	94
4	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	93
5	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91





Library Search Compound Report

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Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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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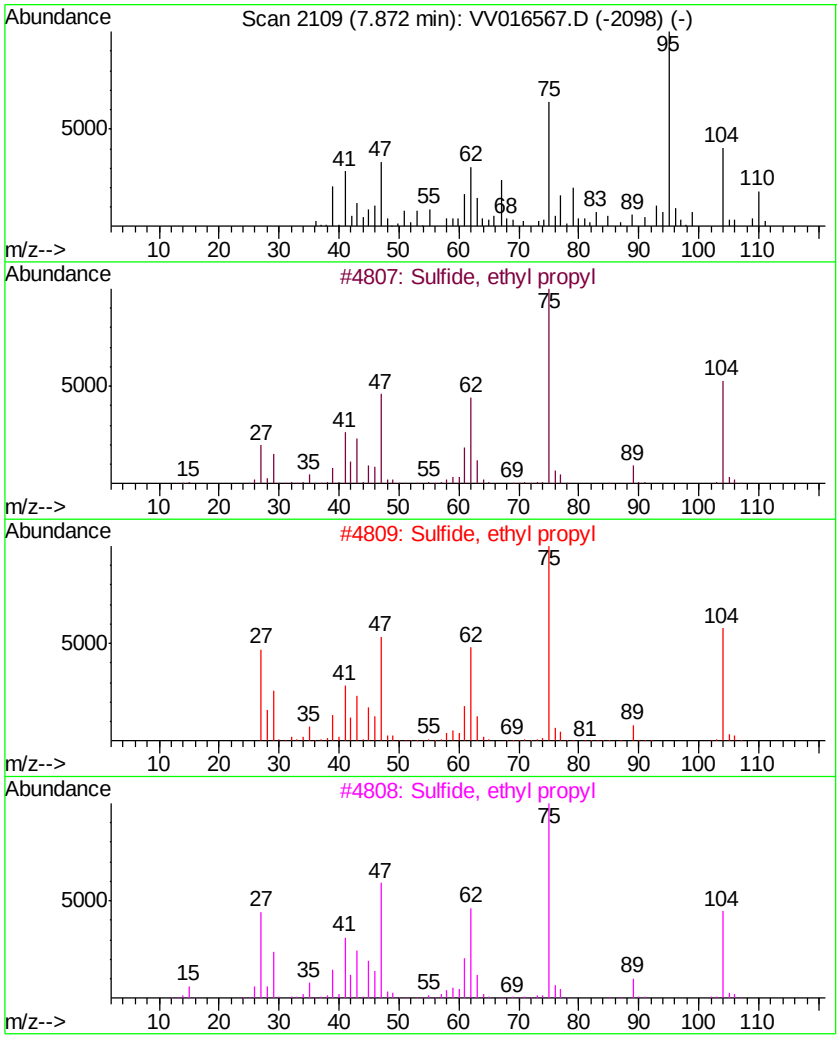
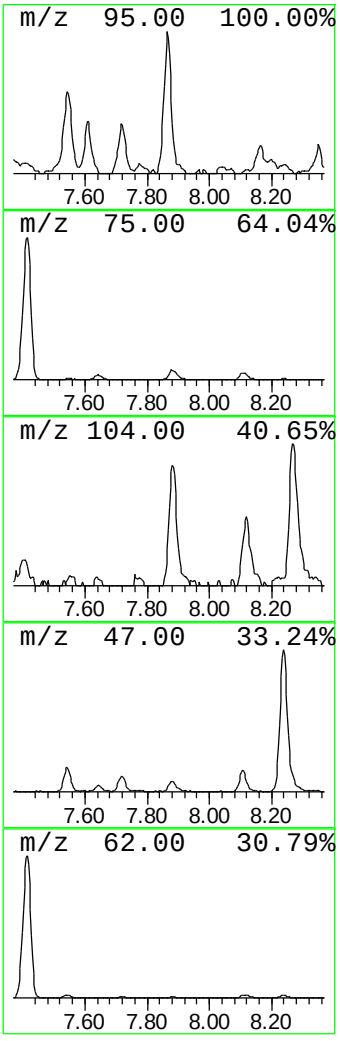
Peak Number 34 Sulfide, ethyl propyl Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	3.09 ug/L	77295	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfide, ethyl propyl	104	C5H12S	004110-50-3	93
2	Sulfide, ethyl propyl	104	C5H12S	004110-50-3	93
3	Sulfide, ethyl propyl	104	C5H12S	004110-50-3	76
4	Ethanethiol	62	C2H6S	000075-08-1	35
5	Ethanethiol	62	C2H6S	000075-08-1	35





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Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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

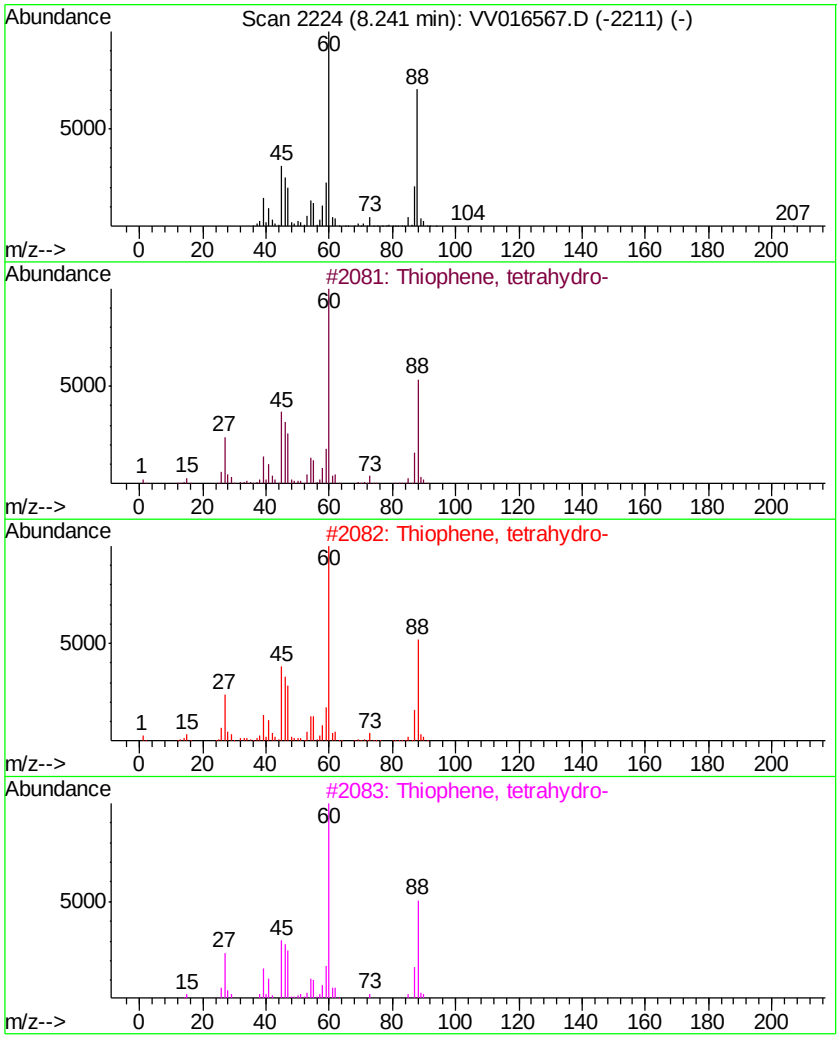
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

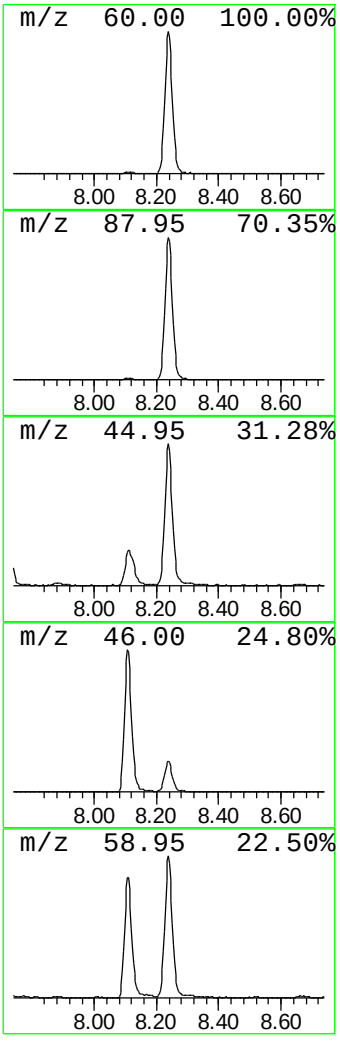
****

Peak Number 35 Thiophene, tetrahydro- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	41.32 ug/L	1032490	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	95
2	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	93
3	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	90
4	Thietane, 2-methyl-	88	C4H8S	017837-41-1	53
5	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	50





Library Search Compound Report

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Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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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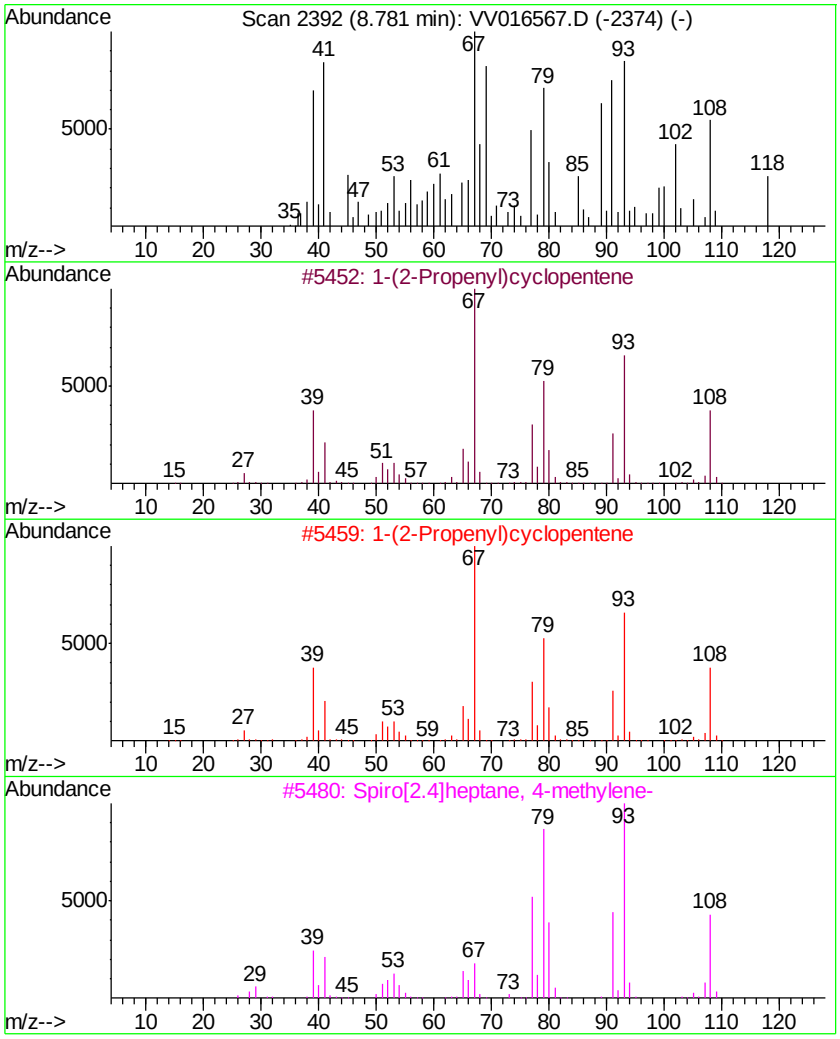
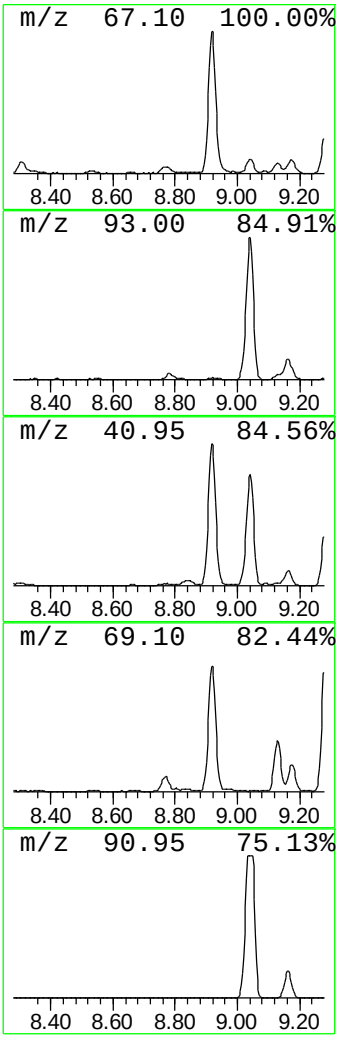
Peak Number 36 1-(2-Propenyl)cyclopentene Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.78	3.59 ug/L	89722	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Propenyl)cyclopentene	108	C8H12	037689-19-3	83
2	1-(2-Propenyl)cyclopentene	108	C8H12	037689-19-3	46
3	Spiro[2.4]heptane, 4-methylene-	108	C8H12	024308-54-1	35
4	3-Methyl-2-butene-1-thiol	102	C5H10S	005287-45-6	30
5	Cyclobutane, 1,2-diethylidene-	108	C8H12	024517-05-3	25





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Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

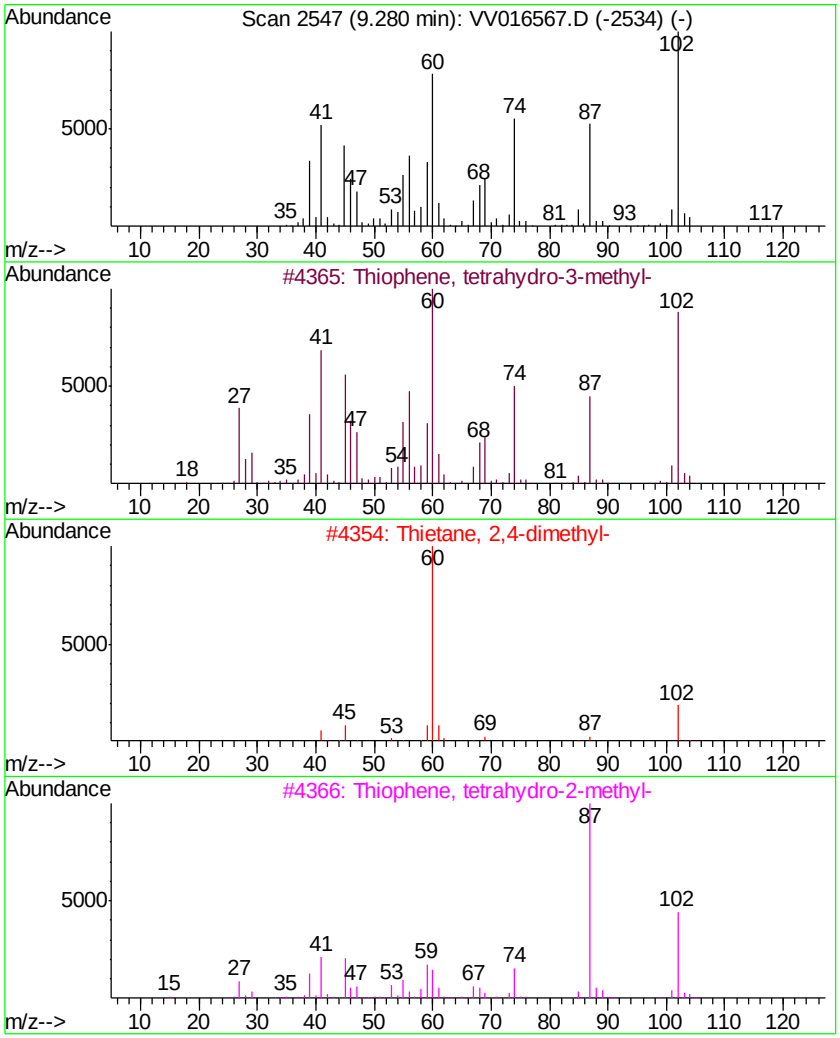
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

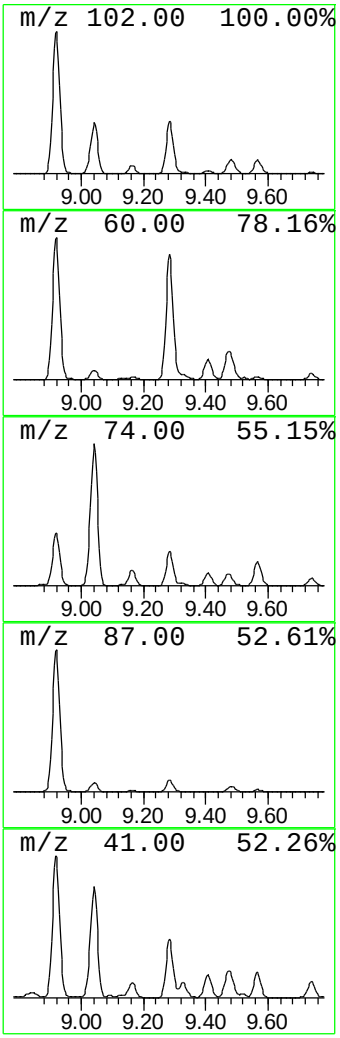
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 Thiophene, tetrahydro-3-met... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	66.35 ug/L	1657970	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-3-methyl-	102	C5H10S	004740-00-5	96
2	Thietane, 2,4-dimethyl-	102	C5H10S	043044-24-2	47
3	Thiophene, tetrahydro-2-methyl-	102	C5H10S	001795-09-1	46
4	2H-Thiopyran, tetrahydro-	102	C5H10S	001613-51-0	43
5	1-Butene, 1-(methylthio)-, (Z)-	102	C5H10S	017414-15-2	41





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Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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

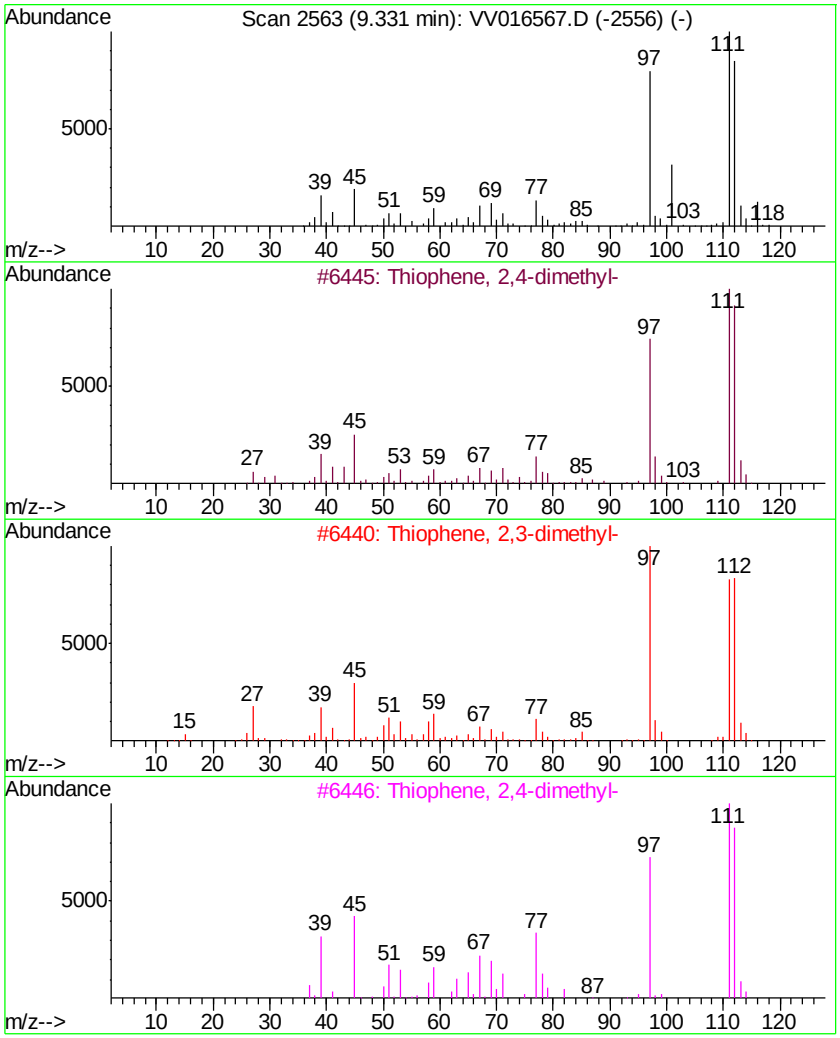
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

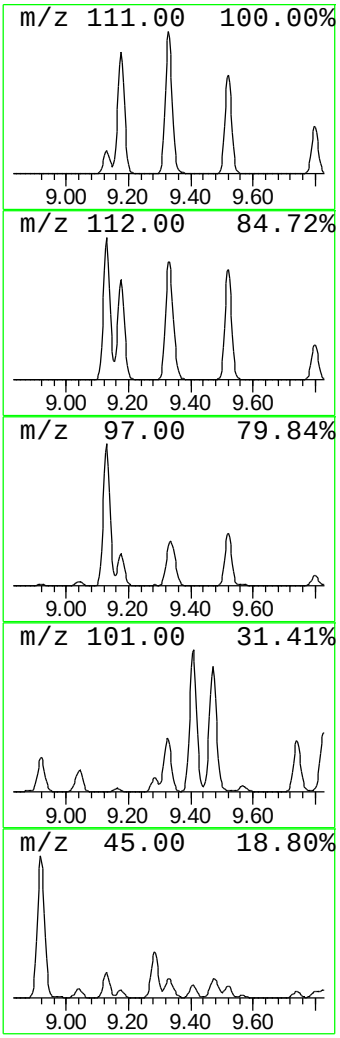
****

Peak Number 38 Thiophene, 2,4-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	43.03 ug/L	1075330	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	91
2	Thiophene, 2,3-dimethyl-	112	C6H8S	000632-16-6	87
3	Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	87
4	Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	87
5	Thiophene, 3,4-dimethyl-	112	C6H8S	000632-15-5	83





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Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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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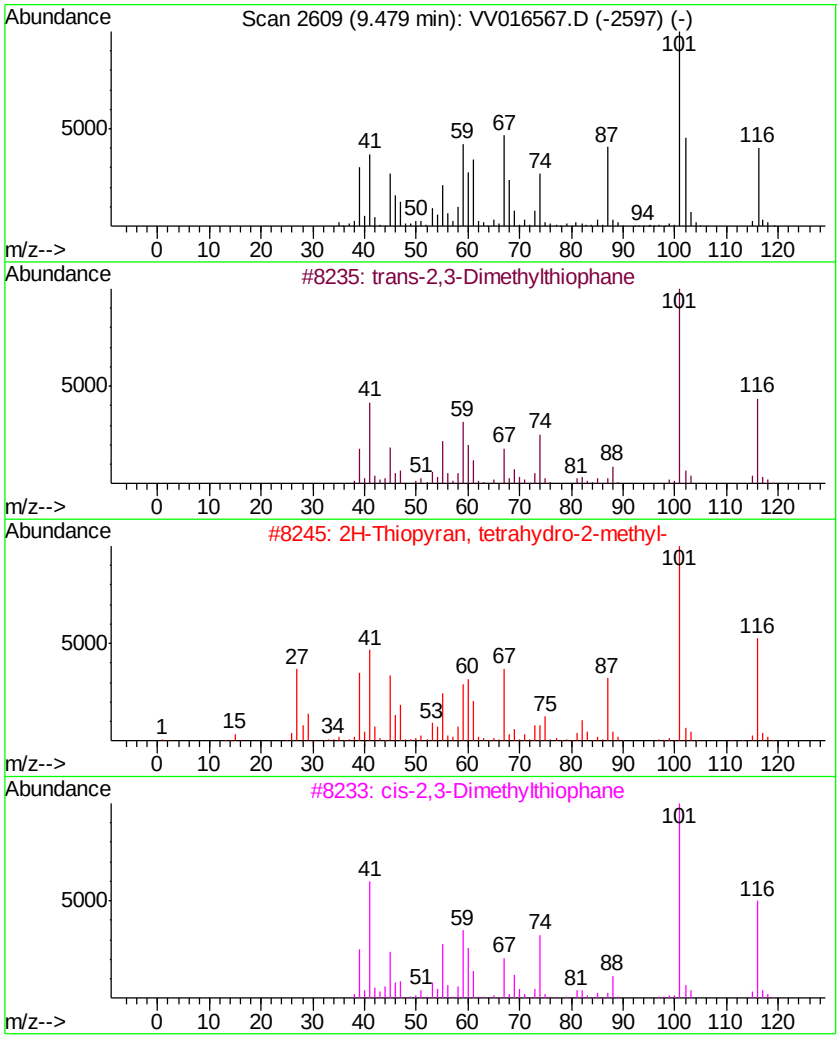
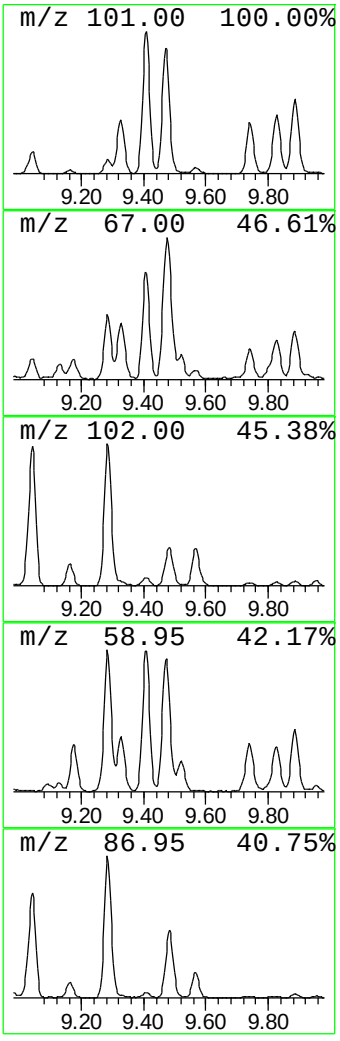
Peak Number 40 trans-2,3-Dimethylthiophane Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	46.85 ug/L	1170700	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	89
2	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	87
3	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	76
4	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	74
5	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	74





Library Search Compound Report

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Data File : VV016567.D
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Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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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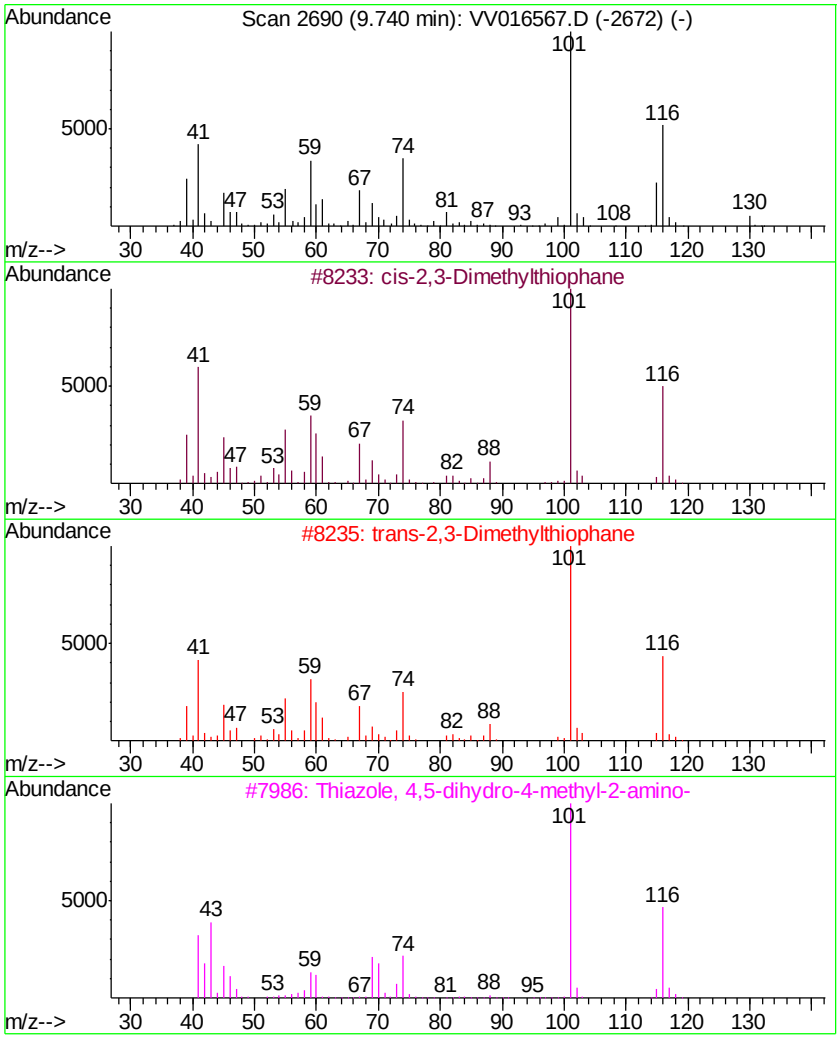
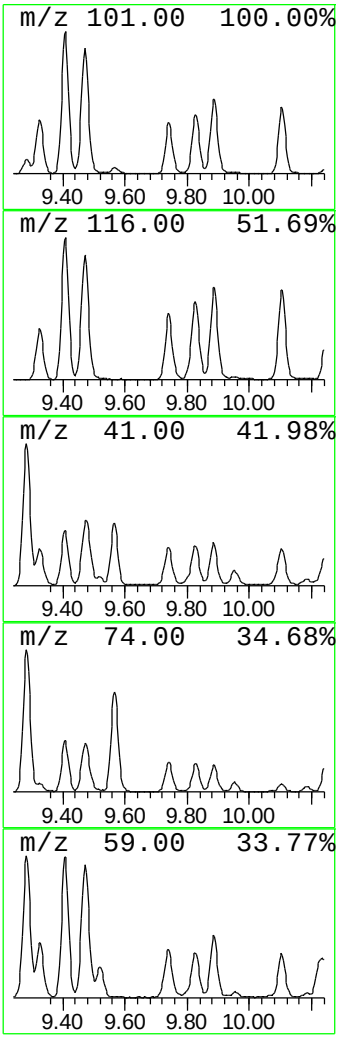
Peak Number 41 cis-2,3-Dimethylthiophane Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	16.95 ug/L	423477	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	93
2	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	91
3	Thiazole, 4,5-dihydro-4-methyl-2...	116	C4H8N2S	010416-81-6	68
4	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	59
5	1,2,4-Thiadiazole, 5-amino-	101	C2H3N3S	007552-07-0	55





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Data File : VV016567.D
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Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

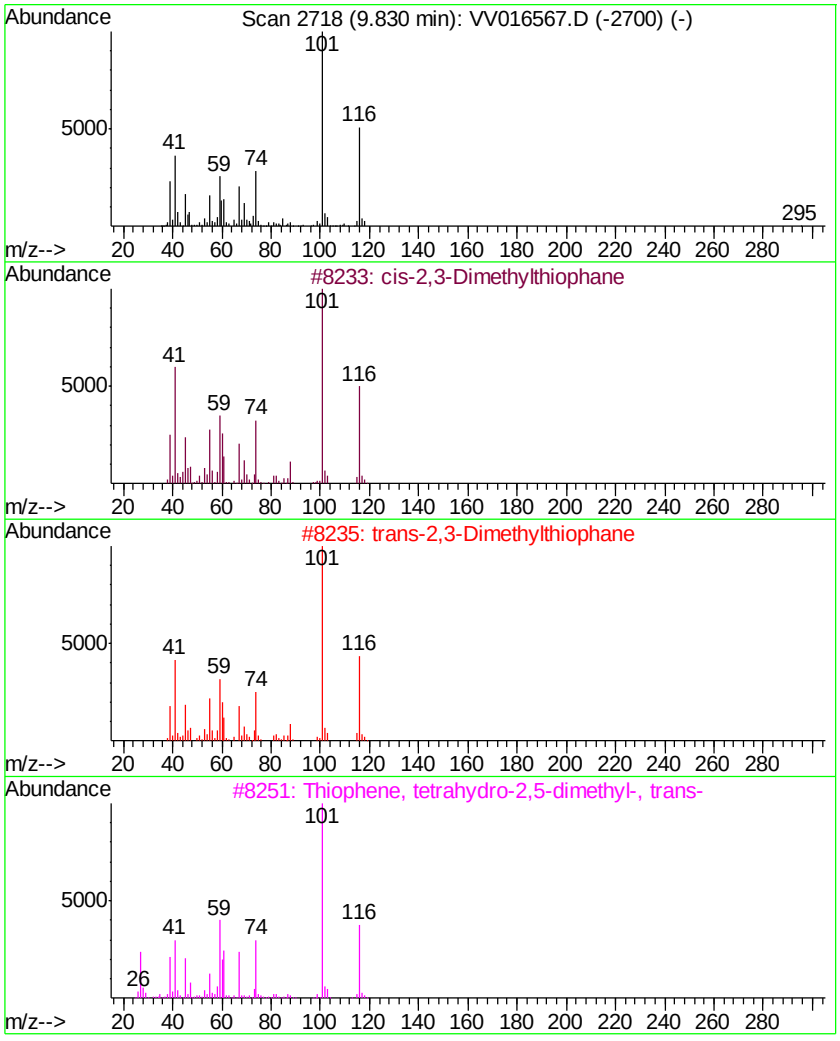
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

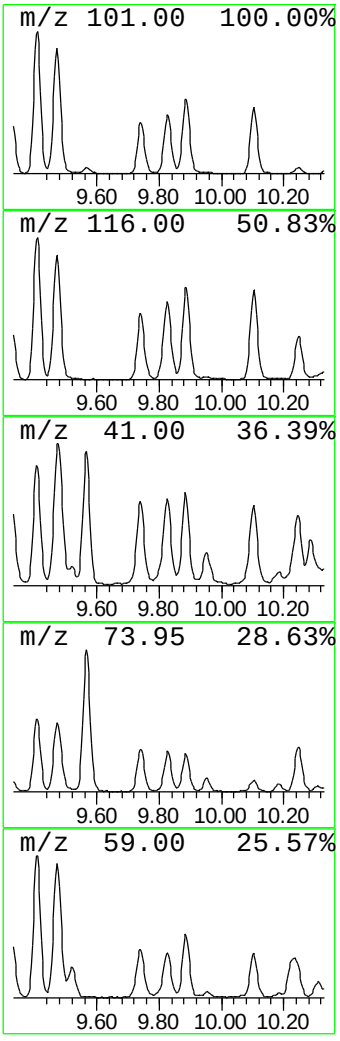
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 Thiophene, tetrahydro-2,5-d... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	24.72 ug/L	617823	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	94
2	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	91
3	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	91
4	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	91
5	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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

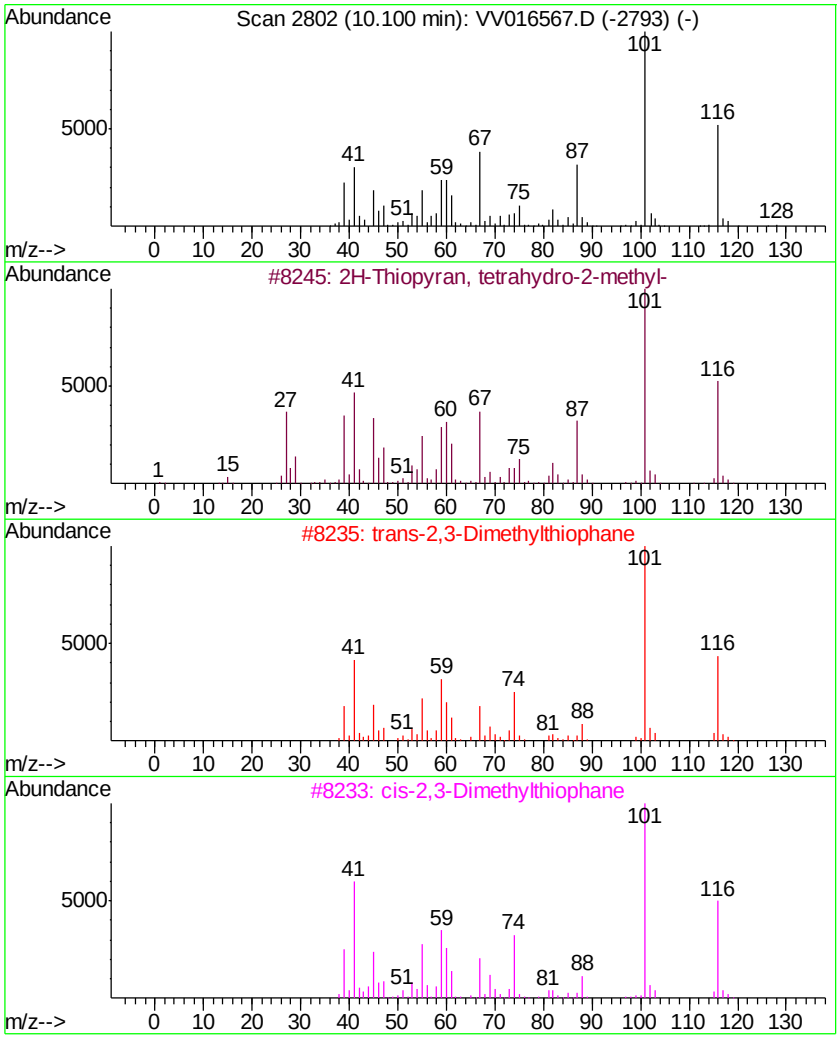
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

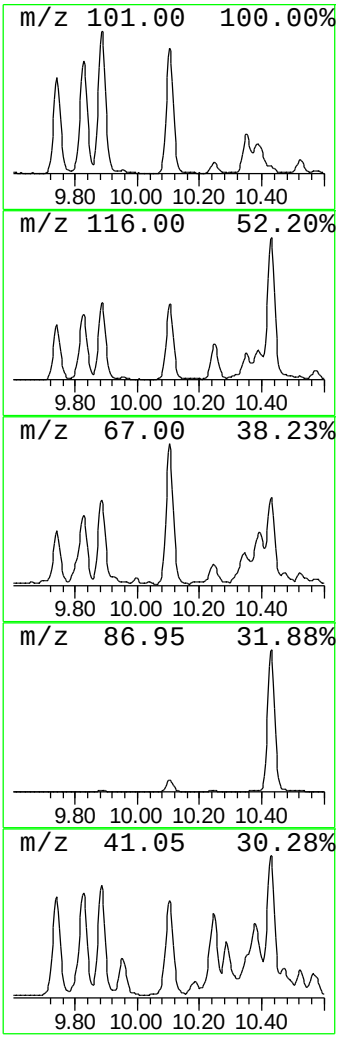
****

Peak Number 44 2H-Thiopyran, tetrahydro-2-... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	19.44 ug/L	537141	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	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	89
3	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	87
4	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	64
5	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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

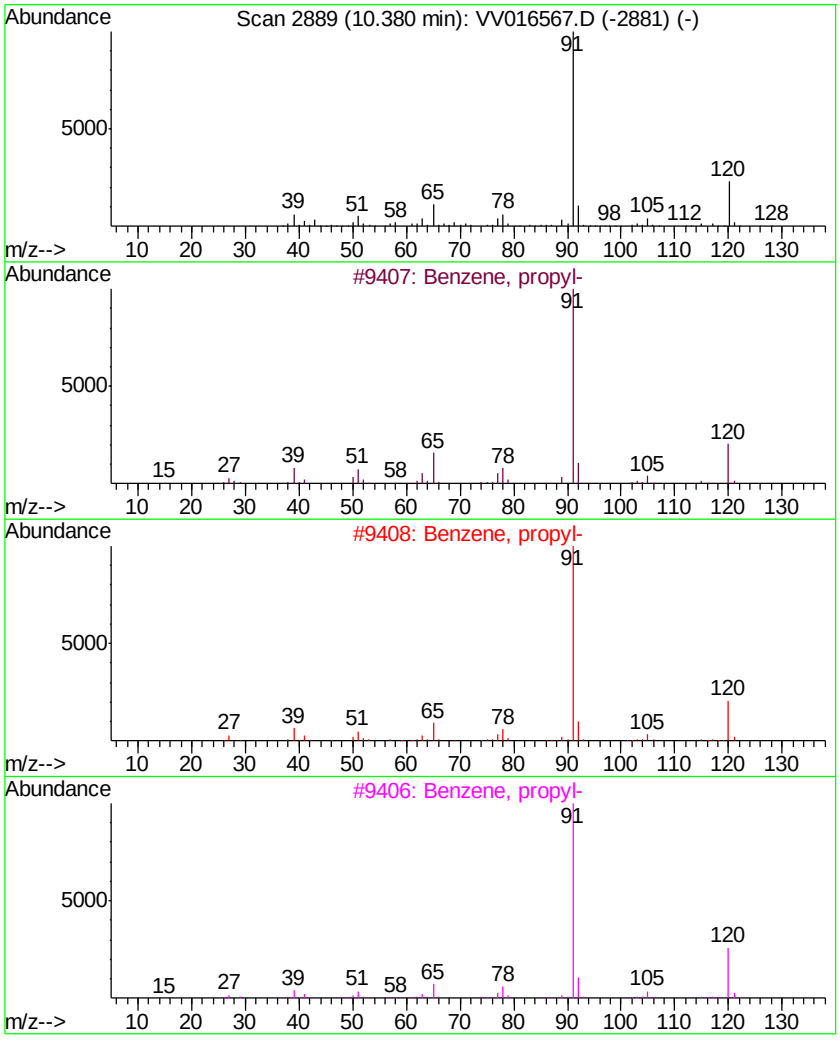
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

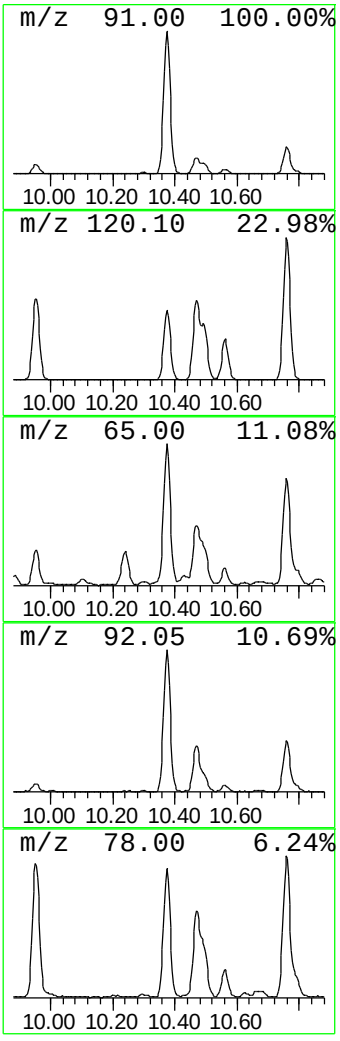
****

Peak Number 45 Benzene, propyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	27.82 ug/L	768865	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
5	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

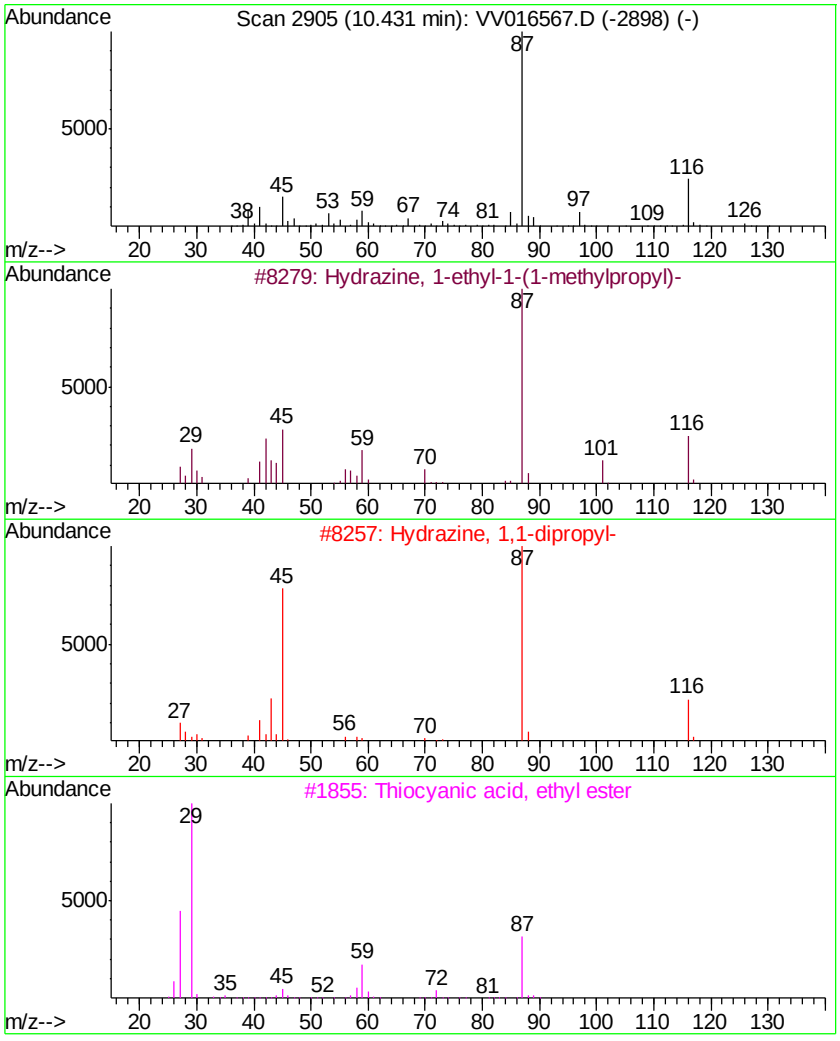
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

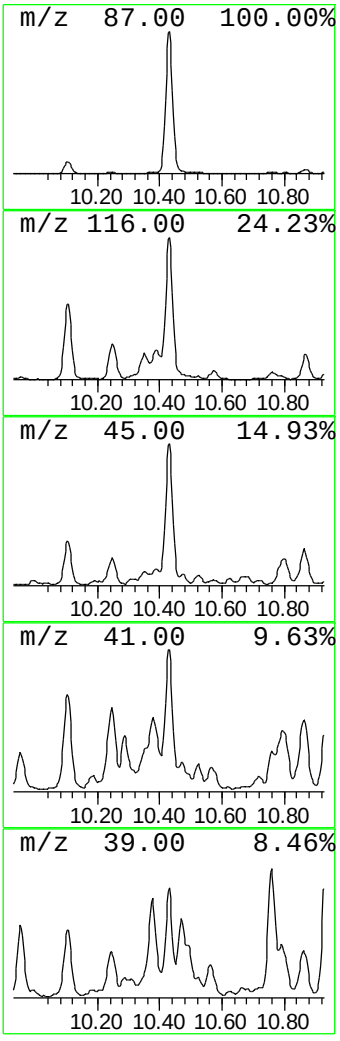
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 Hydrazine, 1-ethyl-1-(1-met... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	26.52 ug/L	732789	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	47
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 : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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

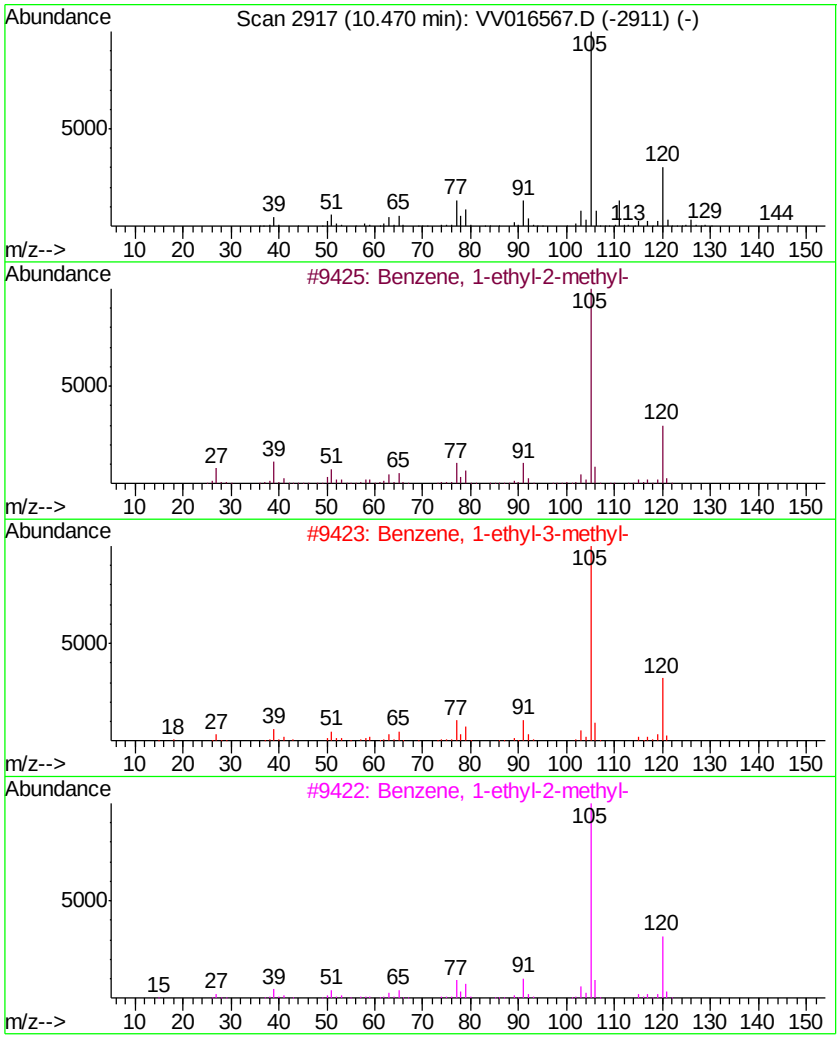
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

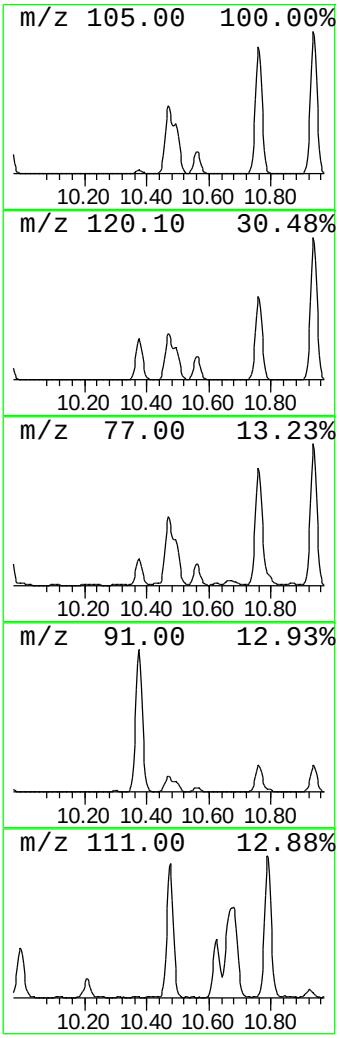
****

Peak Number 47 Benzene, 1-ethyl-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	49.86 ug/L	1377950	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-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	81





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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

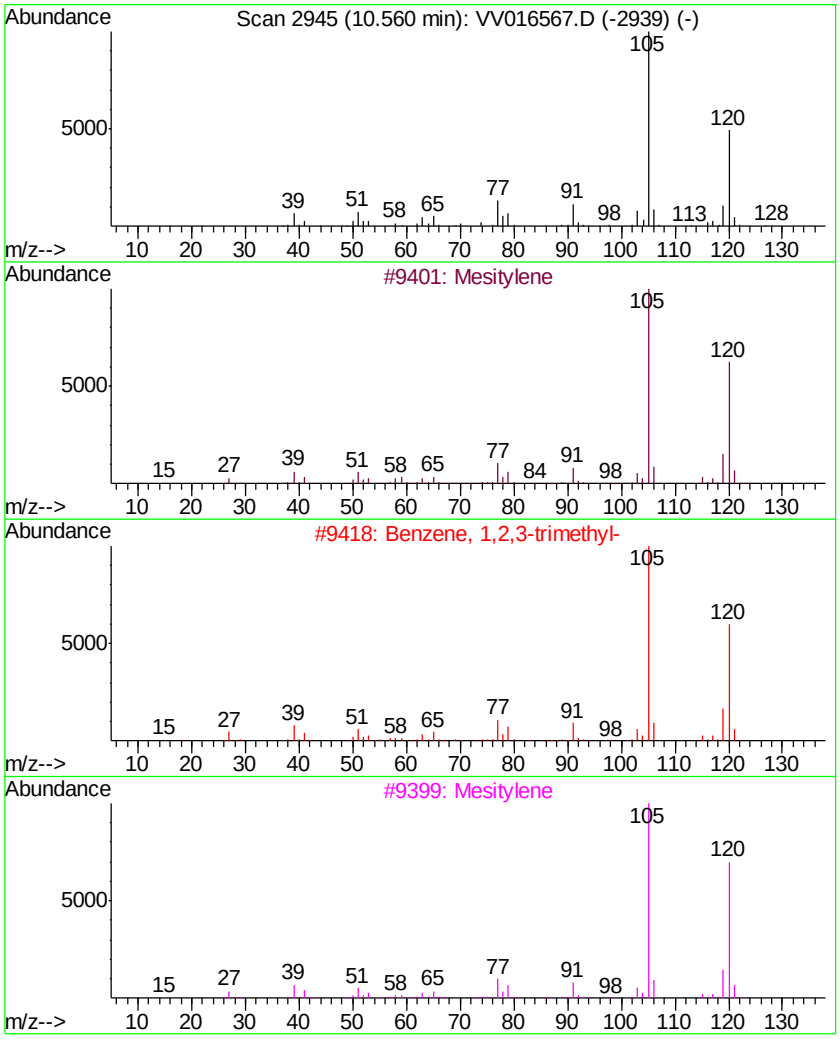
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

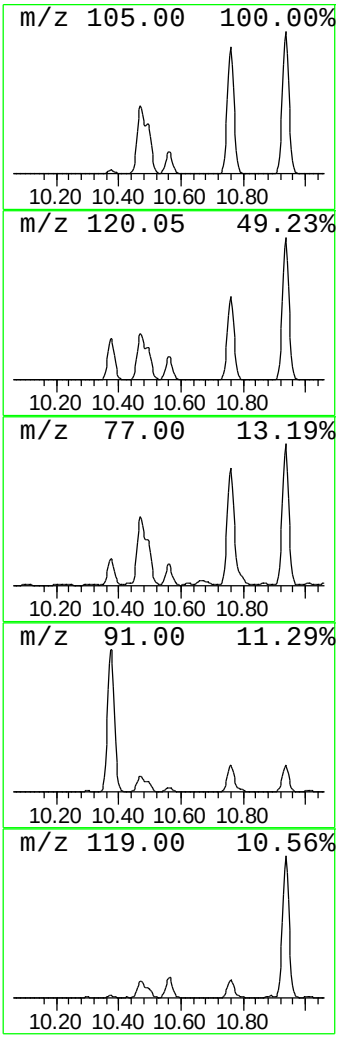
****

Peak Number 48 Mesitylene Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	12.46 ug/L	344339	1,4-Dichlorobenzene-d4	11.27

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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

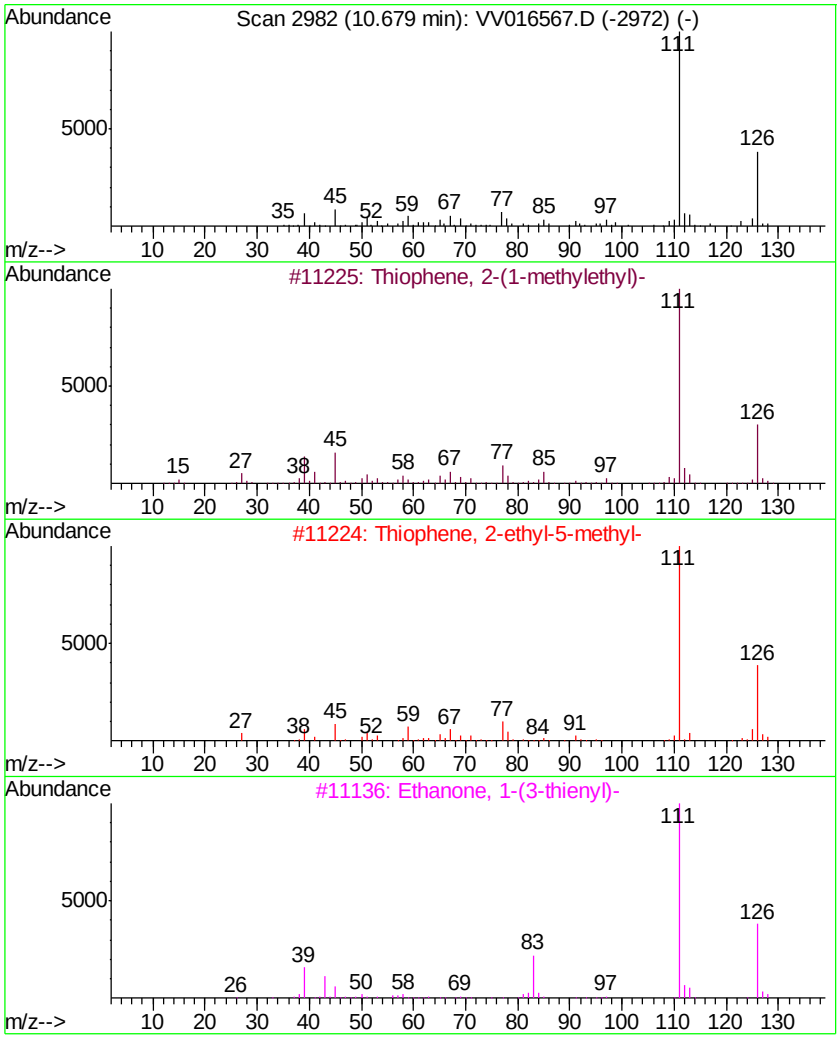
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

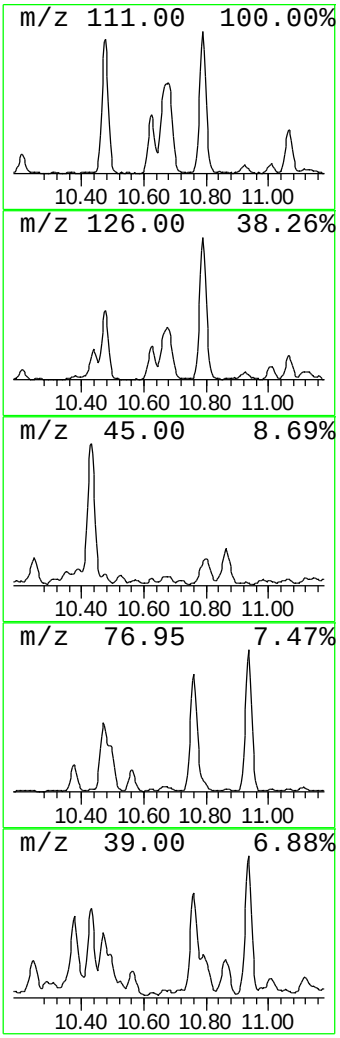
****

Peak Number 49 Thiophene, 2-(1-methylethyl)- Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	3.11 ug/L	86024	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	90
2	Thiophene, 2-ethyl-5-methyl-	126	C7H10S	040323-88-4	80
3	Ethanone, 1-(3-thienyl)-	126	C6H6OS	001468-83-3	64
4	Ethanone, 1-(3-thienyl)-	126	C6H6OS	001468-83-3	50
5	Ethanone, 1-(3-thienyl)-	126	C6H6OS	001468-83-3	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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

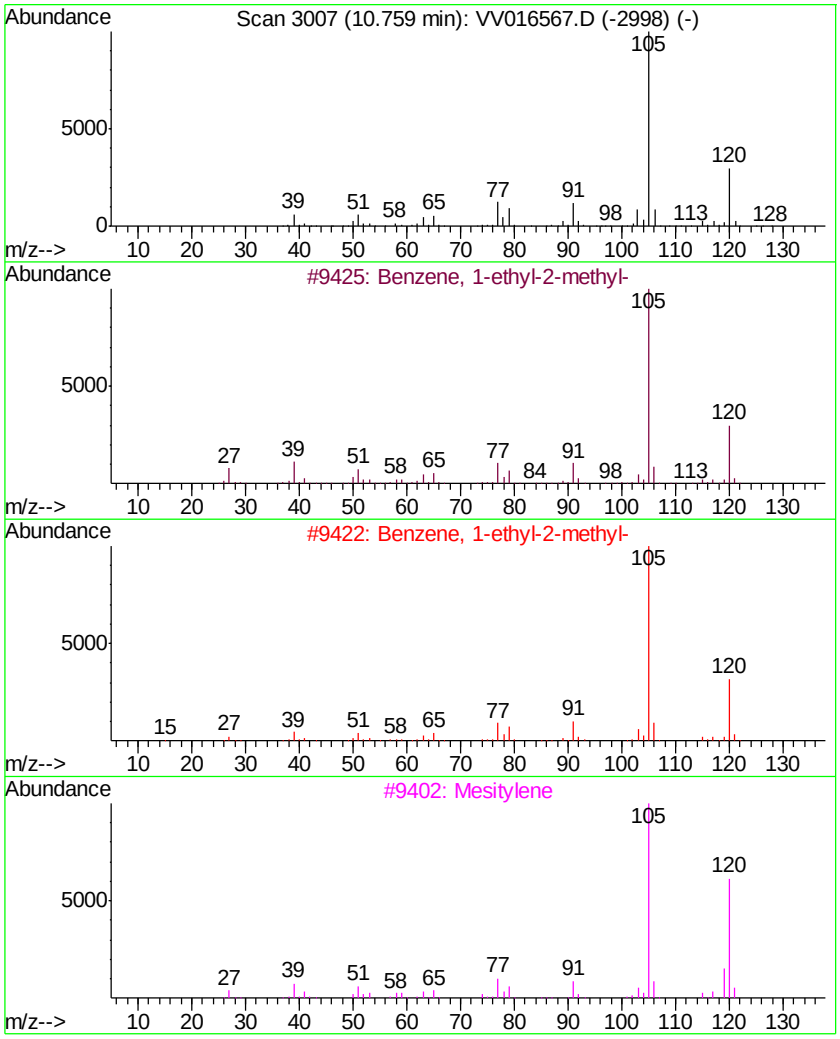
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

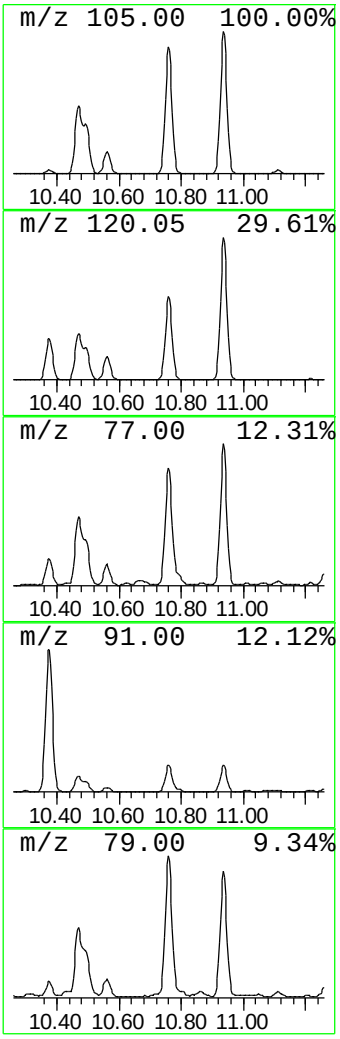
****

Peak Number 50 Benzene, 1-ethyl-3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	58.87 ug/L	1626850	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	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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

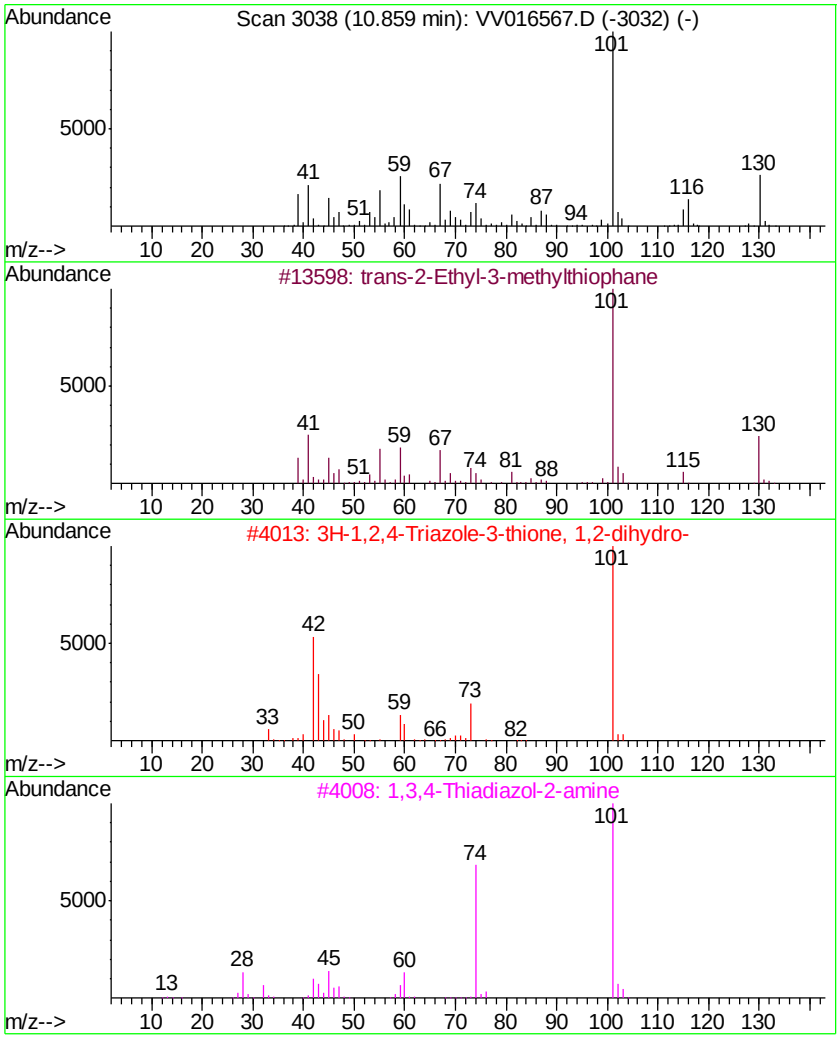
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

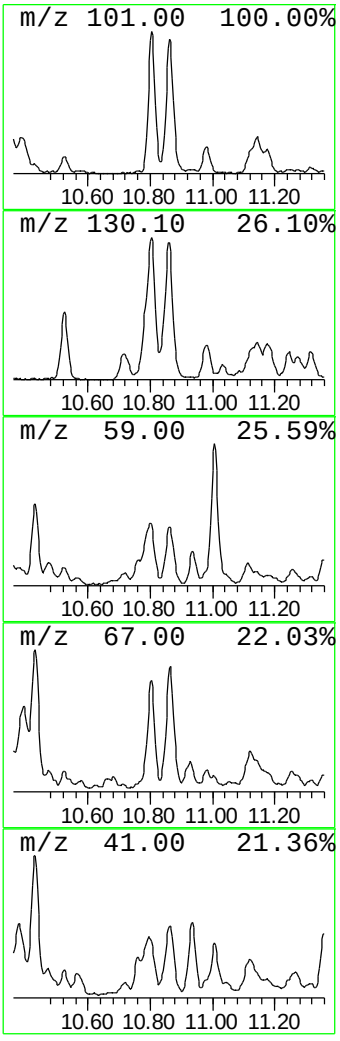
****

Peak Number 51 trans-2-Ethyl-3-methylthiop... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	15.37 ug/L	424646	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2-Ethyl-3-methylthiophane	130	C7H14S	061568-36-3	72
2	3H-1,2,4-Triazole-3-thione, 1,2-...	101	C2H3N3S	003179-31-5	47
3	1,3,4-Thiadiazol-2-amine	101	C2H3N3S	004005-51-0	46
4	Propane, 1-isothiocyanato-	101	C4H7NS	000628-30-8	46
5	3H-1,2,4-Triazole-3-thione, 1,2-...	101	C2H3N3S	003179-31-5	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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

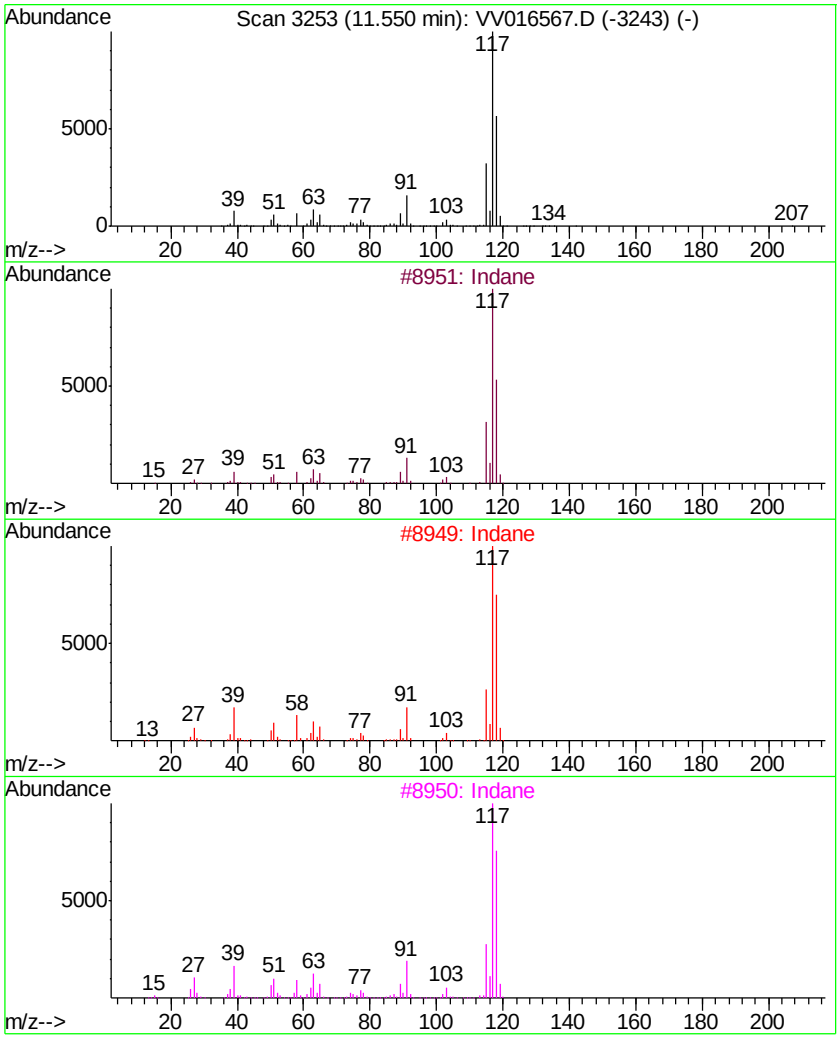
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

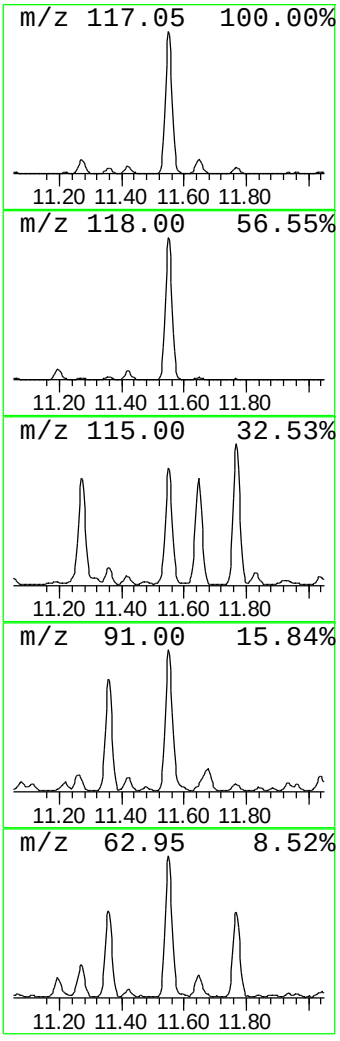
****

Peak Number 56 Indane Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	47.33 ug/L	1307940	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	87
5	Deltacyclene	118	C9H10	007785-10-6	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016567.D
Acq On : 06 Jun 2020 04:27
Operator : SY/MD
Sample : L2862-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E07

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	40.8	ug/L	750637	1	5.64	920336	50.0
(DEL) Alkane: Str...	1.22	137.4	ug/L	2529460	1	5.64	920336	50.0
(DEL) Alkane: Str...	1.42	90.3	ug/L	1662390	1	5.64	920336	50.0
(DEL) Alkane: Str...	1.62	260.1	ug/L	4788240	1	5.64	920336	50.0
(DEL) Alkane: Cyc...	1.77	171.5	ug/L	3157230	1	5.64	920336	50.0
(DEL) Alkane: Str...	1.81	202.8	ug/L	3732400	1	5.64	920336	50.0
(DEL) Alkane: Str...	1.90	149.8	ug/L	2756990	1	5.64	920336	50.0
(DEL) Alkane: Str...	1.99	94.0	ug/L	1729510	1	5.64	920336	50.0
(DEL) Alkane: Cyc...	2.03	98.2	ug/L	1807090	1	5.64	920336	50.0
(DEL) Alkane: Str...	2.44	14.3	ug/L	263594	1	5.64	920336	50.0
Cyclopentene	2.49	152.7	ug/L	2810020	1	5.64	920336	50.0
(DEL) Alkane: Cyc...	2.59	328.1	ug/L	6038580	1	5.64	920336	50.0
(DEL) Alkane: Str...	2.77	21.1	ug/L	388399	1	5.64	920336	50.0
(DEL) Alkane: Str...	2.97	23.0	ug/L	423220	1	5.64	920336	50.0
(DEL) Alkane: Str...	3.06	11.3	ug/L	208557	1	5.64	920336	50.0
(DEL) Alkane: Str...	3.17	7.7	ug/L	141454	1	5.64	920336	50.0
(DEL) Alkane: Str...	3.24	11.8	ug/L	217578	1	5.64	920336	50.0
(DEL) Alkane: Str...	3.38	5.0	ug/L	92857	1	5.64	920336	50.0
Cyclopentene, 3-m...	3.45	49.4	ug/L	908792	1	5.64	920336	50.0
(DEL) Alkane: Cyc...	3.78	151.5	ug/L	2788810	1	5.64	920336	50.0
Cyclopentene, 1-m...	4.48	10.7	ug/L	196319	1	5.64	920336	50.0
(DEL) Alkane: Cyc...	4.97	2.9	ug/L	52782	1	5.64	920336	50.0
1,5-Hexadiyne	5.18	17788.8	ug/L	327433000	1	5.64	920336	50.0
Thiophene	5.39	330.4	ug/L	6081000	1	5.64	920336	50.0
Diethyl sulfide	5.97	14.5	ug/L	266084	1	5.64	920336	50.0
1-Butanethiol	6.27	3.4	ug/L	63045	1	5.64	920336	50.0
Cyclohexene, 3-me...	6.57	6.4	ug/L	116997	1	5.64	920336	50.0
Cyclobutane, (1-m...	6.83	9.9	ug/L	182856	1	5.64	920336	50.0
unknown-01	7.09	2.6	ug/L	47124	1	5.64	920336	50.0
2-Pentanol, 2-met...	7.16	6.8	ug/L	125501	1	5.64	920336	50.0
Thiophene, 2-methyl-	7.54	56.5	ug/L	1411000	2	8.87	1249400	50.0
Thiophene, 3-methyl-	7.72	36.1	ug/L	901170	2	8.87	1249400	50.0
Sulfide, ethyl pr...	7.87	3.1	ug/L	77295	2	8.87	1249400	50.0
Thiophene, tetrah...	8.24	41.3	ug/L	1032490	2	8.87	1249400	50.0
1-(2-Propenyl)cyc...	8.78	3.6	ug/L	89722	2	8.87	1249400	50.0
Thiophene, tetrah...	9.28	66.3	ug/L	1657970	2	8.87	1249400	50.0
Thiophene, 2,4-di...	9.33	43.0	ug/L	1075330	2	8.87	1249400	50.0
trans-2,3-Dimethy...	9.48	46.9	ug/L	1170700	2	8.87	1249400	50.0
cis-2,3-Dimethylt...	9.74	16.9	ug/L	423477	2	8.87	1249400	50.0
Thiophene, tetrah...	9.83	24.7	ug/L	617823	2	8.87	1249400	50.0
2H-Thiopyran, tet...	10.10	19.4	ug/L	537141	3	11.27	1381820	50.0
Benzene, propyl-	10.38	27.8	ug/L	768865	3	11.27	1381820	50.0
Hydrazine, 1-ethy...	10.43	26.5	ug/L	732789	3	11.27	1381820	50.0
Benzene, 1-ethyl-...	10.47	49.9	ug/L	1377950	3	11.27	1381820	50.0
Mesitylene	10.56	12.5	ug/L	344339	3	11.27	1381820	50.0
Thiophene, 2-(1-m...	10.68	3.1	ug/L	86024	3	11.27	1381820	50.0
Benzene, 1-ethyl-...	10.76	58.9	ug/L	1626850	3	11.27	1381820	50.0
trans-2-Ethyl-3-m...	10.86	15.4	ug/L	424646	3	11.27	1381820	50.0
Indane	11.55	47.3	ug/L	1307940	3	11.27	1381820	50.0