LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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	19	rVB	267945	237817	0.17%	0.093%
2	1.222	34	41	59	rVB	724750	669968	0.47%	0.262%
3	1.312	59	69	78	rBV3	2584086	3431569	2.40%	1.340%
4	1.363	78	85	95	rVV	1168322	1115185	0.78%	0.436%
5	1.421	96	103	112	rVV	1086234	967138	0.68%	0.378%
6	1.544	134	141	156	rVB2	237881	408373	0.29%	0.159%
7	1.624	156	166	184	rVB	1603723	2087075	1.46%	0.815%
8	1.765	201	210	217	rBV	879829	1099139	0.77%	0.429%
9	1.807	217	223	243	rVB	357039	502361	0.35%	0.196%
10	1.904	243	253	268	rBV	852998	1108926	0.78%	0.433%
11	1.987	269	279	286	rVV	503610	694542	0.49%	0.271%
12	2.029	286	292	308	rVB2	435269	636313	0.45%	0.249%
13	2.116	309	319	332	rBV	303983	445999	0.31%	0.174%
14	2.447	410	422	424	rBV3	71008	106390	0.07%	0.042%
15	2.489	425	435	452	rVB	948116	1609734	1.13%	0.629%
16	2.589	453	466	479	rBV	1195741	2178736	1.53%	0.851%
17	2.772	507	523	537	rVB3	48998	130964	0.09%	0.051%
18	2.965	571	583	600	rVB2	56385	114786	0.08%	0.045%
19	3.238	657	668	677	rBV2	62442	126085	0.09%	0.049%
20	3.453	721	735	749	rVV3	159773	430812	0.30%	0.168%
21	3.524	749	757	772	rVV2	66174	154881	0.11%	0.060%
22	3.701	798	812	823	rBV3	52117	125984	0.09%	0.049%
23	3.785	823	838	861	rVV	309807	829478	0.58%	0.324%
24	3.894	863	872	903	rVB	118376	312351	0.22%	0.122%
25	4.373	1002	1021	1043	rVV	244080	621835	0.44%	0.243%
26	4.479	1043	1054	1072	rVV4	29410	79148	0.06%	0.031%
27	4.701	1100	1123	1144	rBV	453489	1141521	0.80%	0.446%
28	5.148	1219	1262	1277	rBV2	51283752	142828513	100.00%	55.783%
29	5.248	1285	1293	1314	rVB	581032	1265701	0.89%	0.494%
30	5.386	1322	1336	1354	rVB	1014460	2055306	1.44%	0.803%
31	5.547	1375	1386	1402	rBV	67237	136831	0.10%	0.053%
32	5.640	1403	1415	1437	rBV	465068	913766	0.64%	0.357%
33	5.968	1498	1517	1536	rBV	106863	219161	0.15%	0.086%
34	6.093	1540	1556	1568	rVV	334532	675060	0.47%	0.264%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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	6.154	1570	1575	1583	rVV4	49410	89611	0.06%	0.035%
36	6.354	1628	1637	1655	rVB	71468	133187	0.09%	0.052%
37	6.595	1689	1712	1725	rBV6	51384	173508	0.12%	0.068%
38	6.826	1769	1784	1794	rVV2	89749	163156	0.11%	0.064%
39	7.010	1828	1841	1857	rBV4	271496	513212	0.36%	0.200%
40	7.164	1878	1889	1893	rBV2	47709	85327	0.06%	0.033%
41	7.247	1905	1915	1931	rVB	236393	411194	0.29%	0.161%
42	7.338	1931	1943	1952	rBV	714703	1245197	0.87%	0.486%
43	7.411	1952	1966	1980	rVV	10725167	18712405	13.10%	7.308%
44	7.485	1980	1989	1997	rVV	238449	427607	0.30%	0.167%
45	7.540	1998	2006	2020	rVB	617953	1046174	0.73%	0.409%
46	7.640	2030	2037	2050	rVB	135211	222938	0.16%	0.087%
47	7.717	2050	2061	2072	rBV	342086	571659	0.40%	0.223%
48	7.868	2097	2108	2126	rVB2	80118	175201	0.12%	0.068%
49	8.019	2145	2155	2172	rBV	413005	665238	0.47%	0.260%
50	8.106	2172	2182	2195	rVV	463837	777947	0.54%	0.304%
51	8.238	2211	2223	2237	rVV3	492144	903998	0.63%	0.353%
52	8.659	2340	2354	2366	rBV6	32883	79180	0.06%	0.031%
53	8.746	2372	2381	2388	rBV	58337	105915	0.07%	0.041%
54	8.842	2399	2411	2414	rBV3	269598	497842	0.35%	0.194%
55	8.874	2414	2421	2426	rVV	695158	1112028	0.78%	0.434%
56	8.916	2426	2434	2448	rVB2	2356728	3839112	2.69%	1.499%
57	9.035	2458	2471	2484	rBV	11948203	19221267	13.46%	7.507%
58	9.128	2493	2500	2502	rBV	307382	356497	0.25%	0.139%
59	9.161	2502	2510	2532	rVB	2242857	3875201	2.71%	1.514%
60	9.283	2534	2548	2555	rBV	746248	1245704	0.87%	0.487%
61	9.328	2555	2562	2575	rVB3	583643	1004639	0.70%	0.392%
62	9.405	2575	2586	2597	rBV2	947519	1506191	1.05%	0.588%
63	9.473	2597	2607	2616	rBV3	599519	1085146	0.76%	0.424%
64	9.521	2616	2622	2627	rVV	193244	220382	0.15%	0.086%
65	9.566	2627	2636	2647	rVB	3052951	4658064	3.26%	1.819%
66	9.617	2647	2652	2661	rVB	92788	122241	0.09%	0.048%
67	9.739	2682	2690	2701	rVB2	258135	435431	0.30%	0.170%
68	9.826	2701	2717	2725	rBV3	250117	572737	0.40%	0.224%
69	9.881	2725	2734	2745	rVB3	650661	1043805	0.73%	0.408%
70	9.955	2746	2757	2776	rVB2	394461	819406	0.57%	0.320%
71	10.103	2789	2803	2817	rBV2	453437	851045	0.60%	0.332%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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	10.238	2818	2845	2854	rBV4	695000	1476747	1.03%	0.577%
73	10.286	2854	2860	2870	rBV2	132994	186430	0.13%	0.073%
74	10.376	2880	2888	2897	rBV3	578400	941825	0.66%	0.368%
75	10.431	2898	2905	2912	rVV	525805	784279	0.55%	0.306%
76	10.469	2912	2917	2930	rVB2	308674	565133	0.40%	0.221%
77	10.530	2930	2936	2944	rVB5	159845	212237	0.15%	0.083%
78	10.701	2971	2989	2998	rBV4	142977	343501	0.24%	0.134%
79	10.759	2998	3007	3014	rBV	614657	1043356	0.73%	0.407%
80	10.865	3033	3040	3051	rVB7	342167	608155	0.43%	0.238%
81	10.935	3052	3062	3071	rVB	645569	973444	0.68%	0.380%
82	11.009	3080	3085	3092	rVB2	85471	106464	0.07%	0.042%
83	11.119	3109	3119	3137	rBV8	213780	680734	0.48%	0.266%
84	11.270	3154	3166	3177	rVB3	903856	1472987	1.03%	0.575%
85	11.357	3184	3193	3203	rBV	806483	1233811	0.86%	0.482%
86	11.550	3243	3253	3264	rBV	644258	1078924	0.76%	0.421%
87	11.646	3275	3283	3294	rVB	735389	1138158	0.80%	0.445%
88	11.771	3312	3322	3335	rBV3	396149	684022	0.48%	0.267%
89	11.842	3337	3344	3352	rVB7	79062	133052	0.09%	0.052%
90	11.942	3362	3375	3385	rBV	247367	446567	0.31%	0.174%
91	12.115	3420	3429	3447	rBV3	246382	588841	0.41%	0.230%
92	12.427	3521	3526	3535	rBV6	50050	79502	0.06%	0.031%
93	12.746	3615	3625	3633	rBV6	58167	109123	0.08%	0.043%
94	12.906	3667	3675	3688	rVV3	186168	346369	0.24%	0.135%
95	12.987	3689	3700	3715	rVB3	167132	363668	0.25%	0.142%
96	13.074	3717	3727	3743	rBV5	132465	265892	0.19%	0.104%
97	13.244	3771	3780	3788	rBV4	87571	147812	0.10%	0.058%
98	13.527	3856	3868	3887	rVB	624572	985938	0.69%	0.385%
99	13.646	3895	3905	3924	rBV	254158	418391	0.29%	0.163%
100	14.845	4267	4278	4290	rBV3	104511	195907	0.14%	0.077%

Sum of corrected areas: 256042109

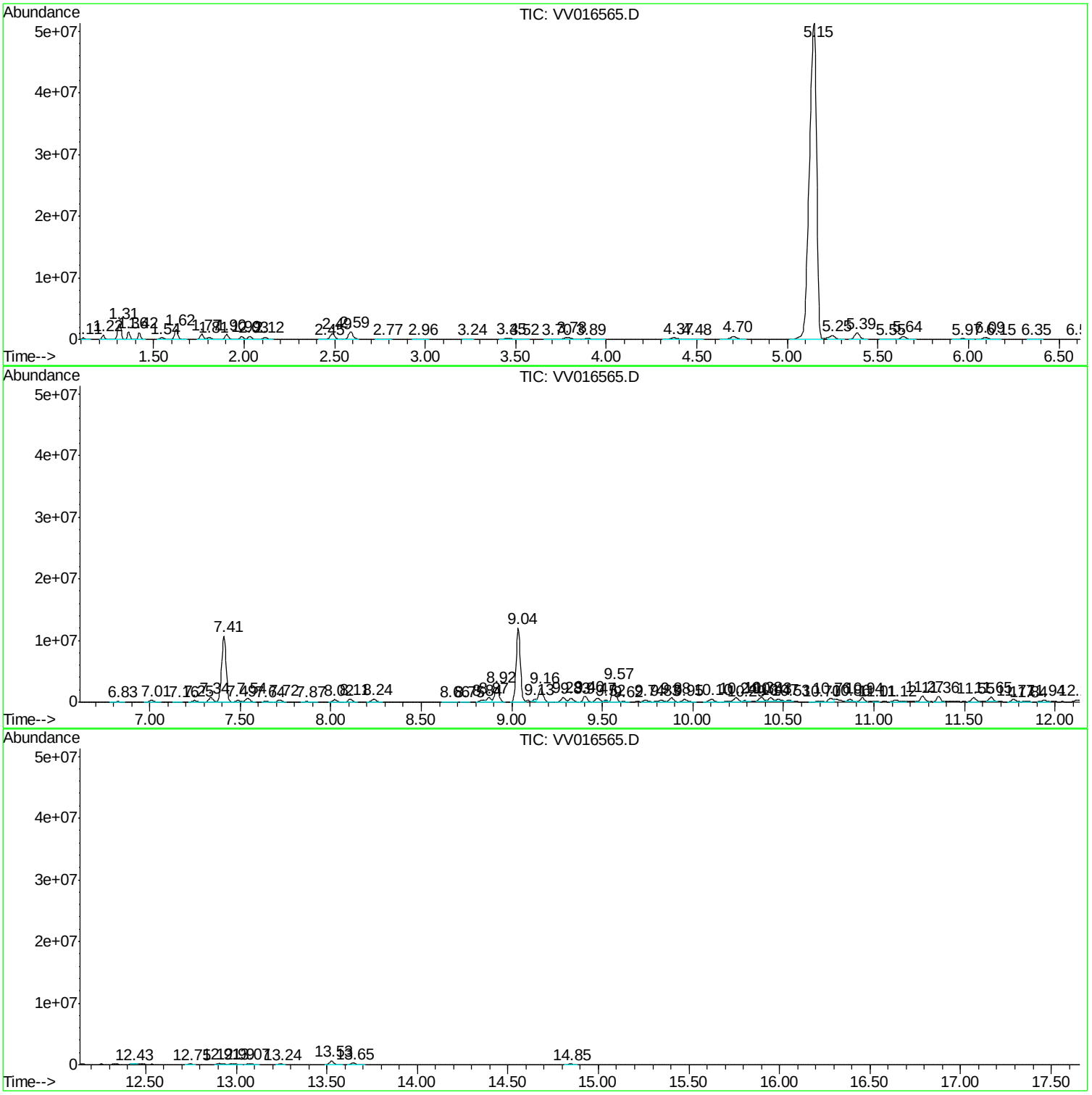
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9D97

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 : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

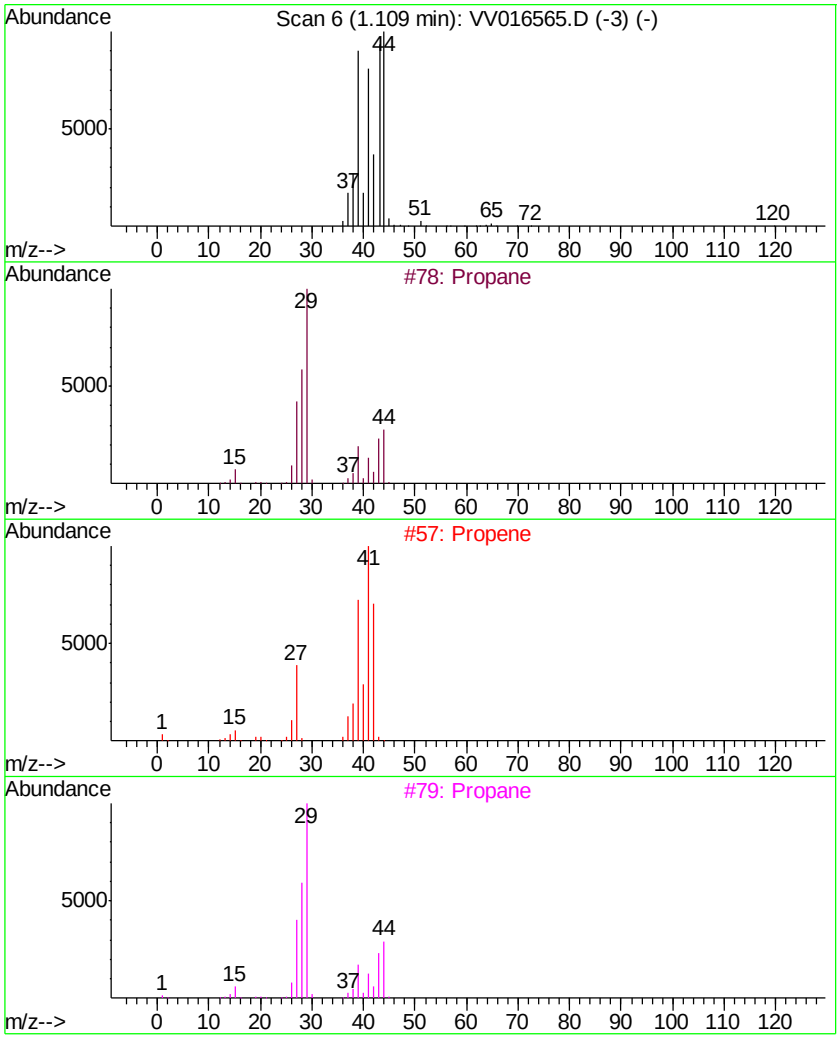
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

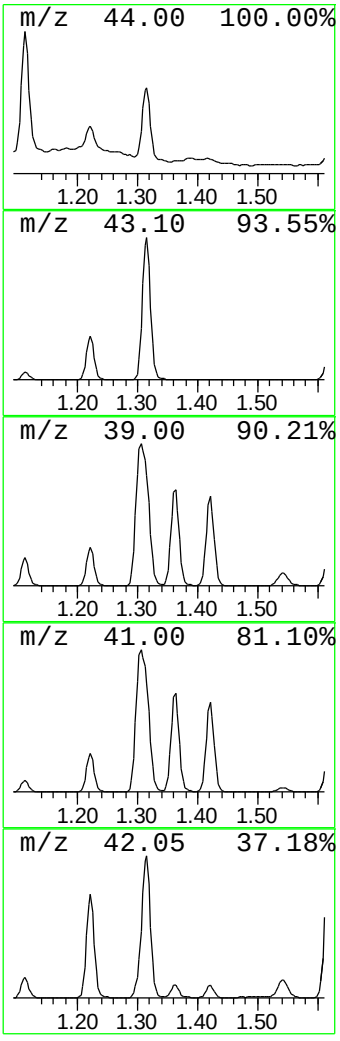
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.11	13.01 ug/L	237817	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	74
2	Propene	42	C3H6	000115-07-1	9
3	Propane	44	C3H8	000074-98-6	7
4	Propane	44	C3H8	000074-98-6	5
5	Cyclopropene	40	C3H4	002781-85-3	4





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

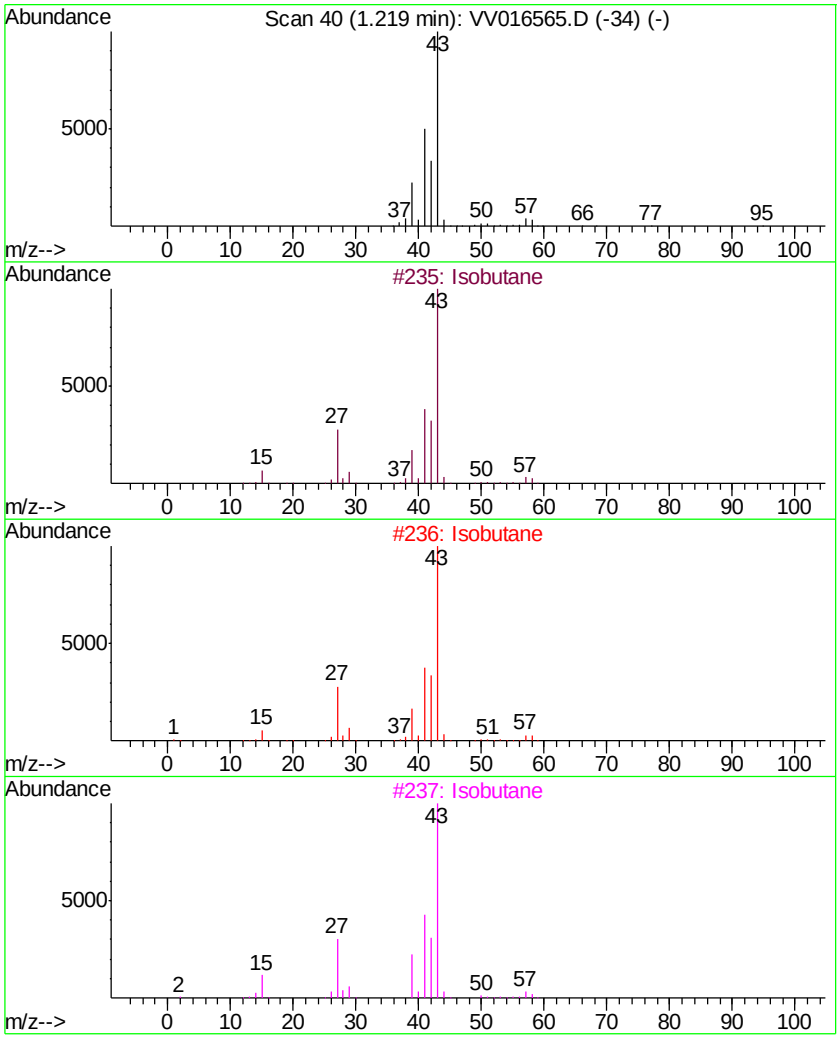
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

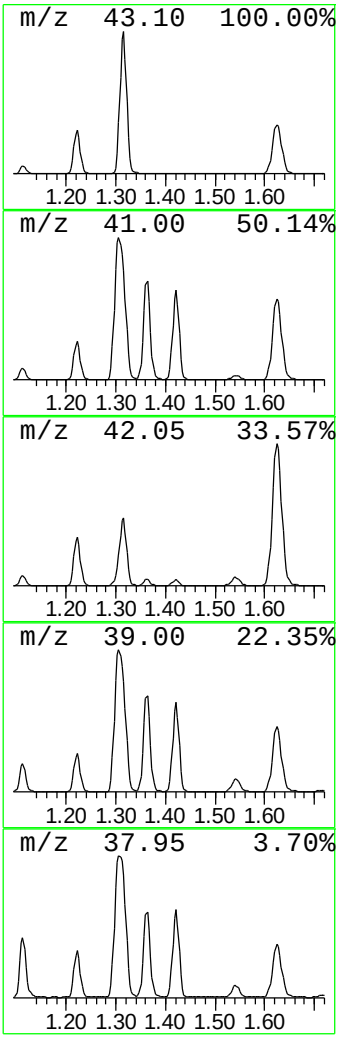
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	36.66 ug/L	669968	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





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

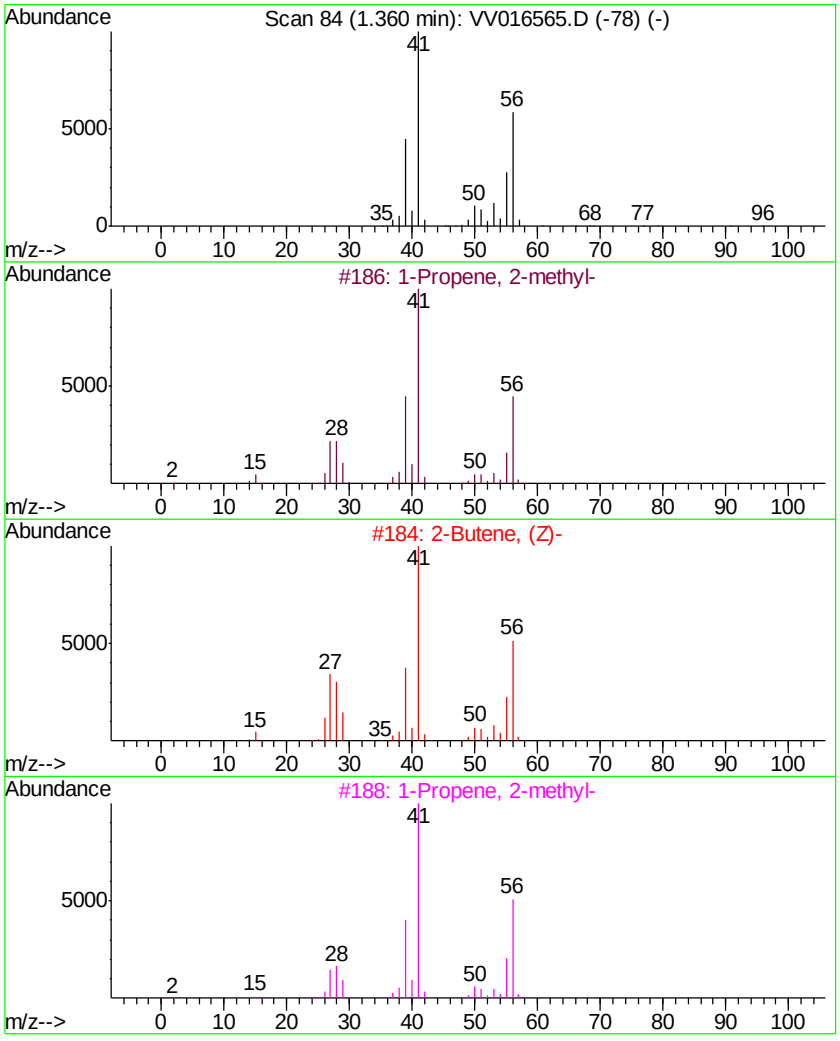
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

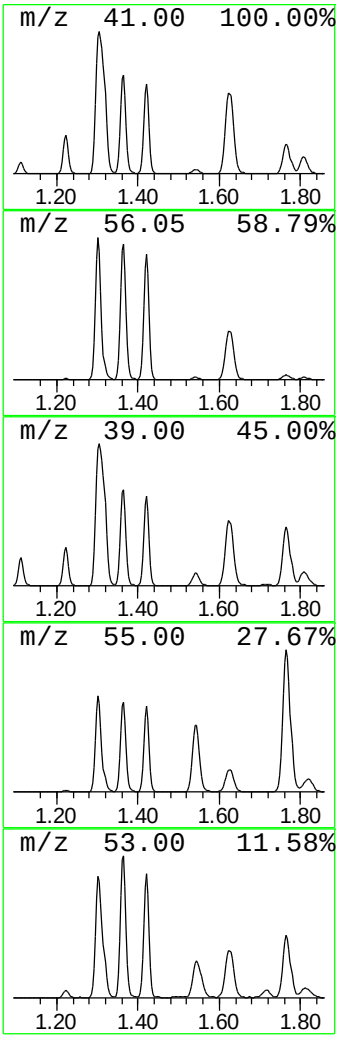
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.36	61.02 ug/L	1115190	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	80
2	2-Butene, (Z)-	56	C4H8	000590-18-1	74
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	74
4	2-Butene, (E)-	56	C4H8	000624-64-6	72
5	2-Butene, (Z)-	56	C4H8	000590-18-1	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

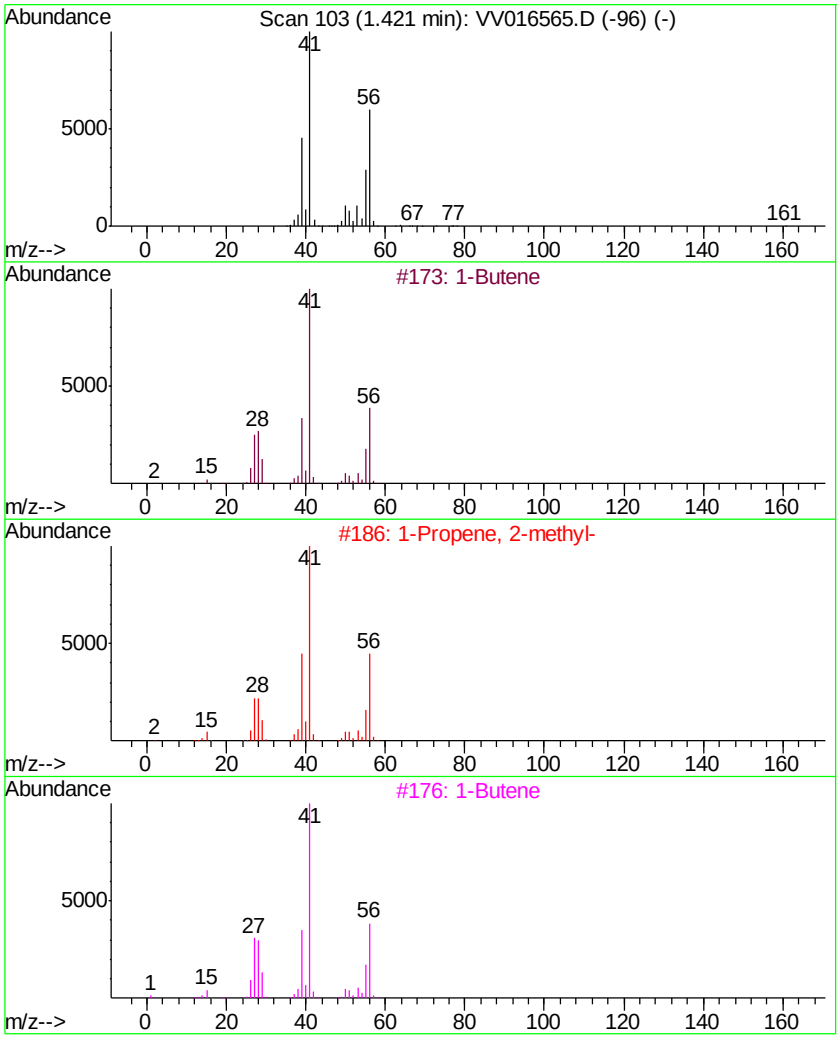
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

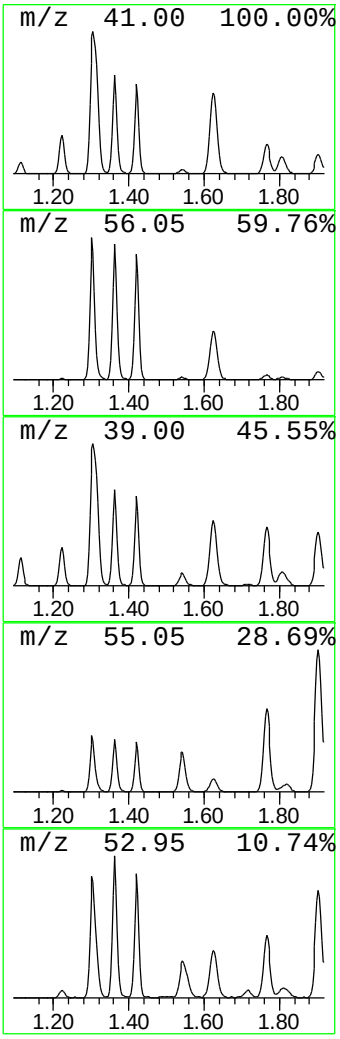
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.42	52.92 ug/L	967138	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene	56	C4H8	000106-98-9	90
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	90
3	1-Butene	56	C4H8	000106-98-9	90
4	1-Butene	56	C4H8	000106-98-9	87
5	2-Butene, (Z)-	56	C4H8	000590-18-1	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

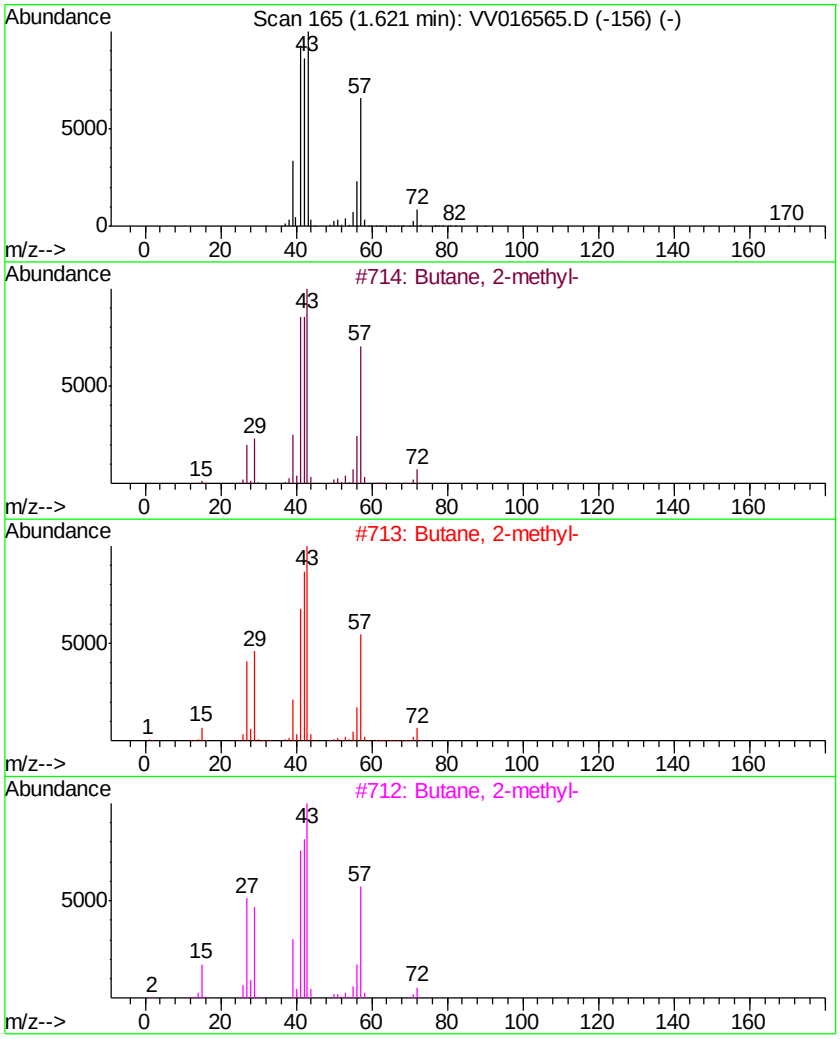
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

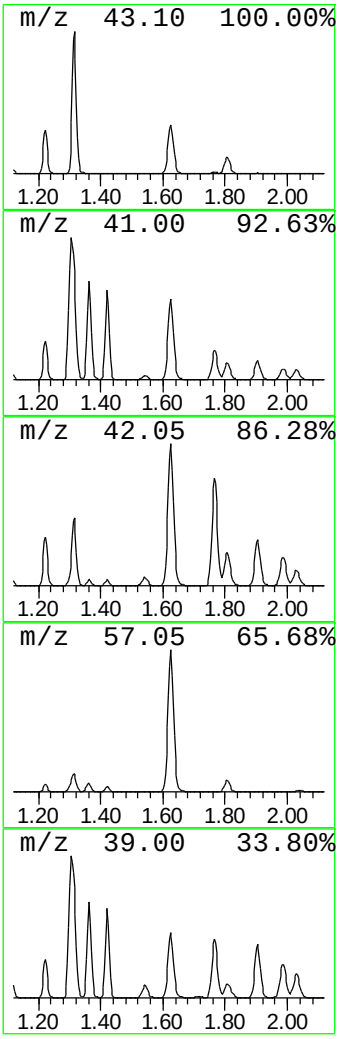
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.62	114.20 ug/L	2087080	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	Pentane	72	C5H12	000109-66-0	42
5	3-Buten-1-ol	72	C4H8O	000627-27-0	28





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Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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

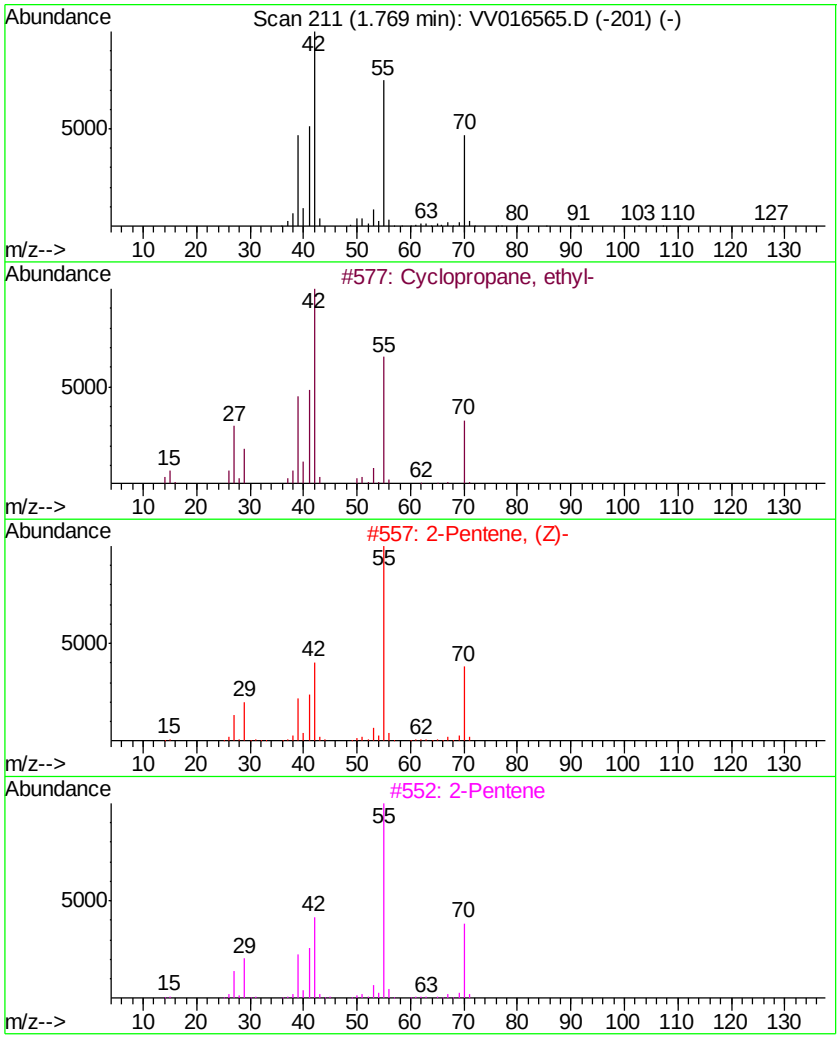
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

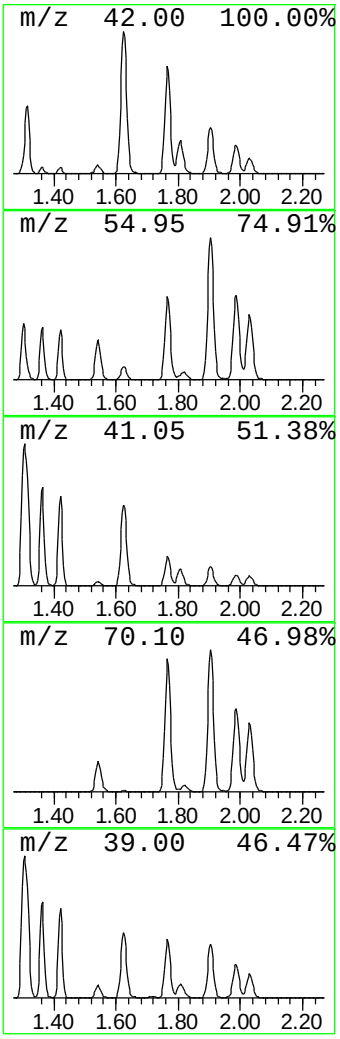
****

Peak Number 6 (DEL) Alkane: Cyclic1.77 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.77	60.14 ug/L	1099140	1,4-Difluorobenzene	5.64

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





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Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

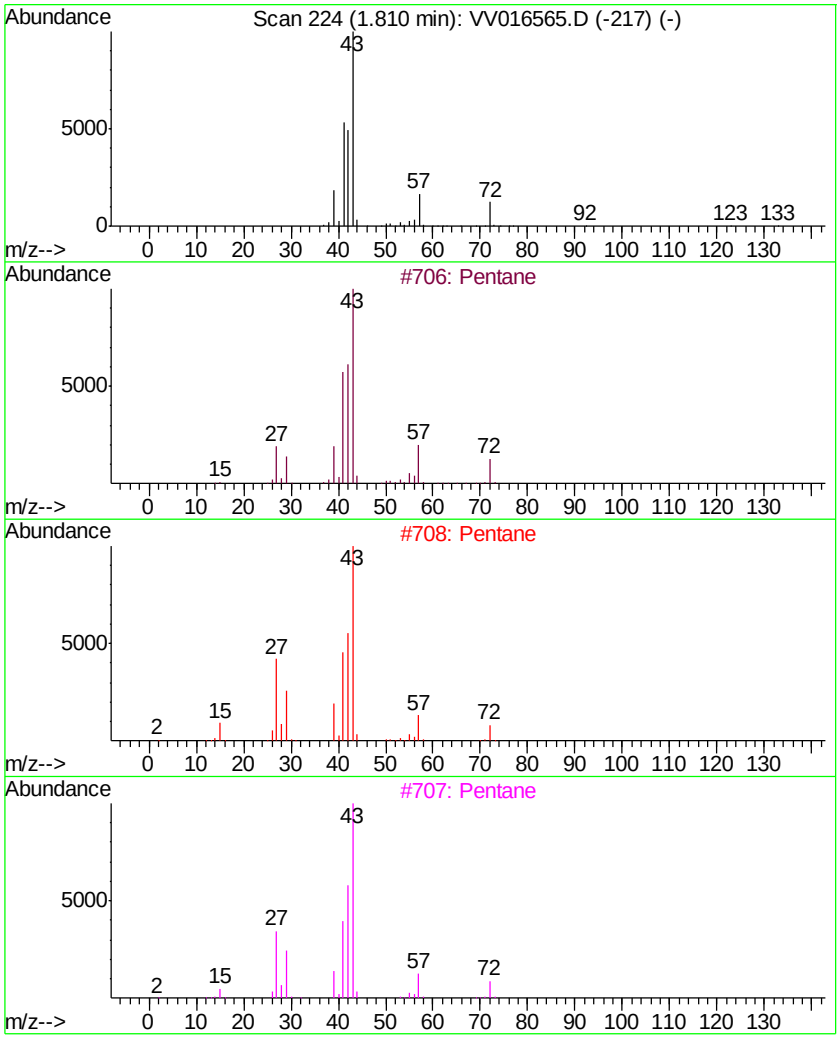
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

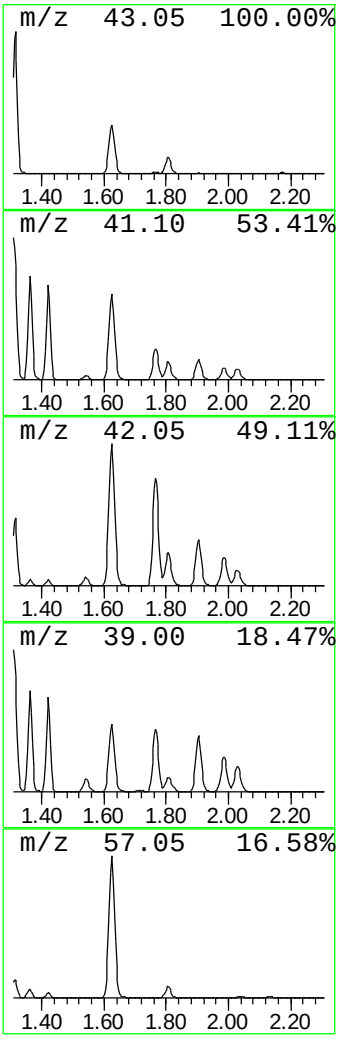
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.81	27.49 ug/L	502361	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	86
3	Pentane	72	C5H12	000109-66-0	80
4	Pentane	72	C5H12	000109-66-0	59
5	Oxirane, ethyl-	72	C4H8O	000106-88-7	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

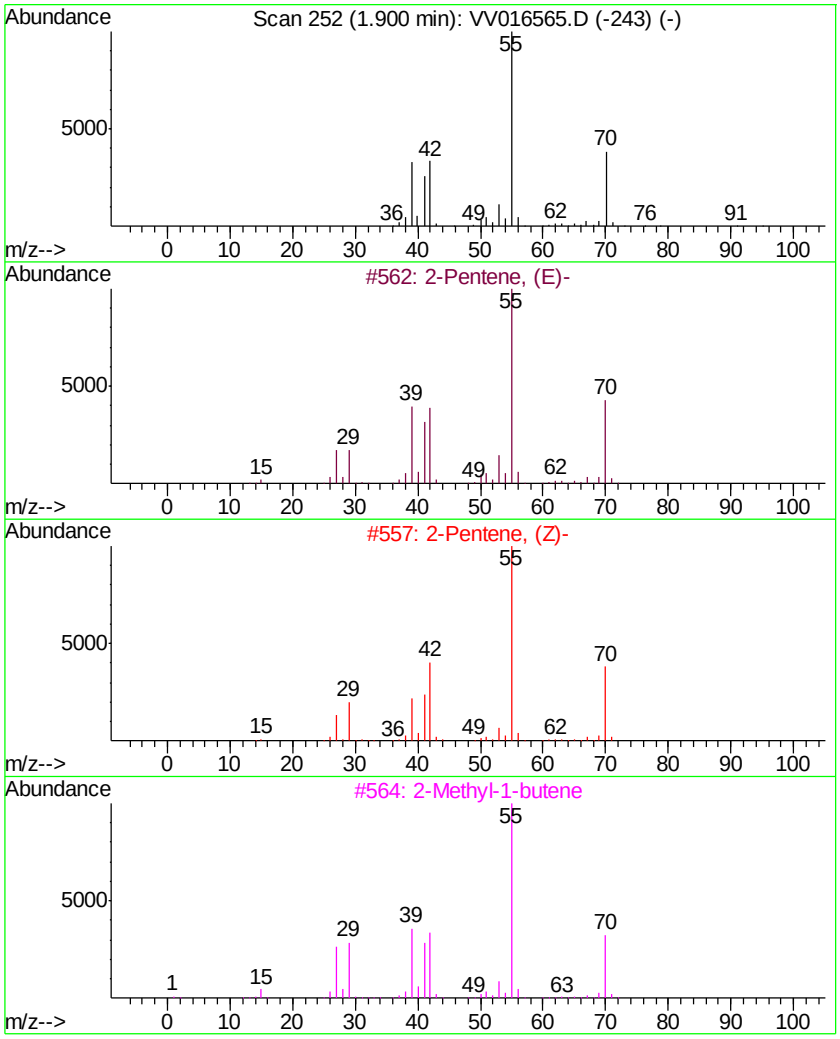
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

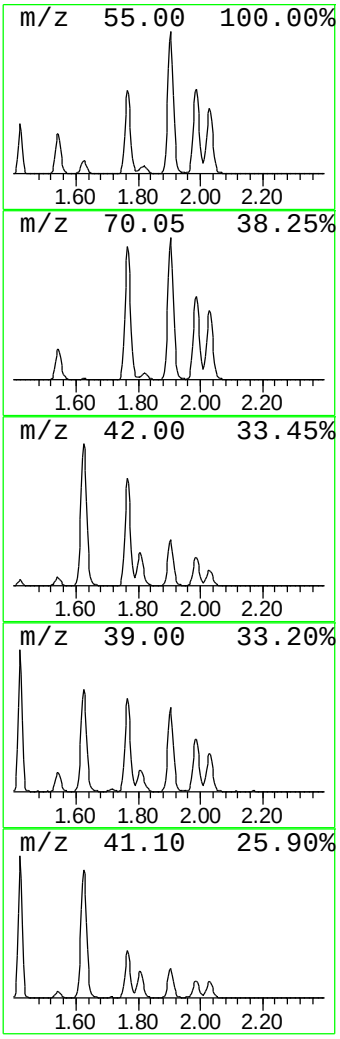
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.90	60.68 ug/L	1108930	1,4-Difluorobenzene	5.64

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

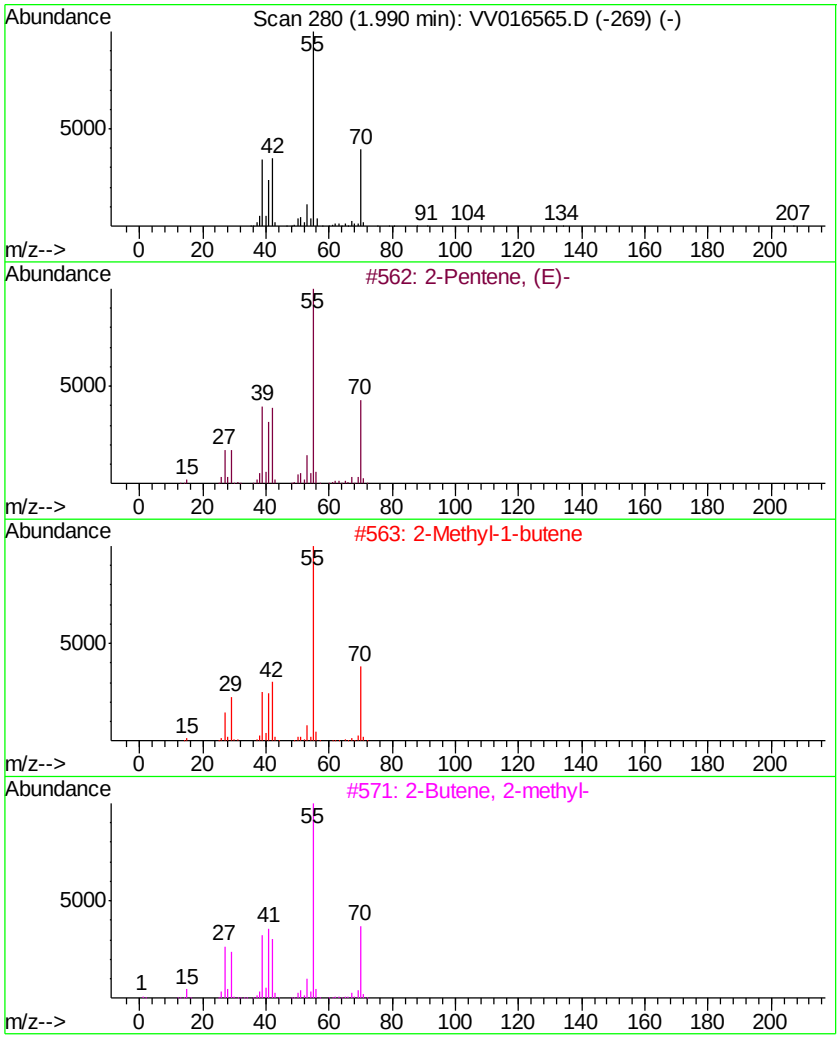
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

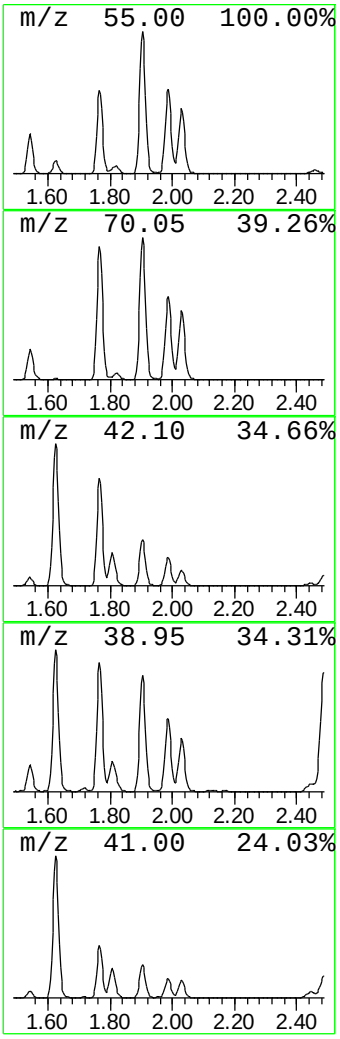
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.99	38.00 ug/L	694542	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (E)-	70	C5H10	000646-04-8	90
2	2-Methyl-1-butene	70	C5H10	000563-46-2	87
3	2-Butene, 2-methyl-	70	C5H10	000513-35-9	87
4	2-Methyl-1-butene	70	C5H10	000563-46-2	87
5	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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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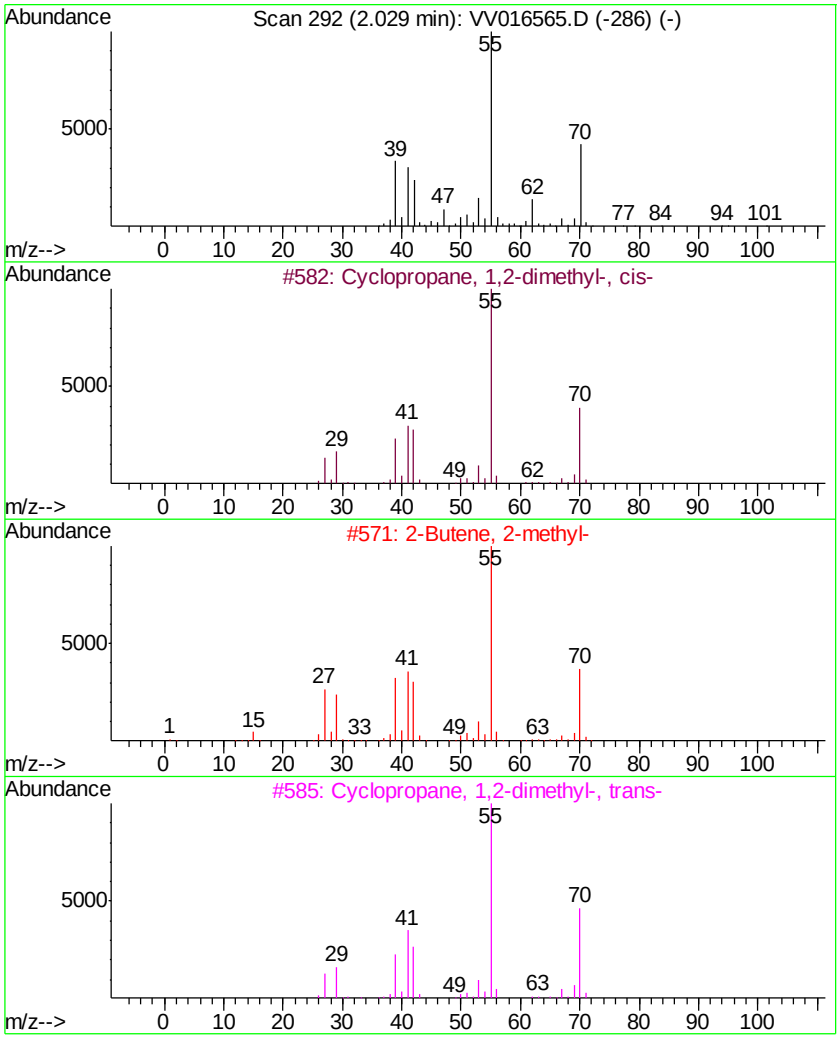
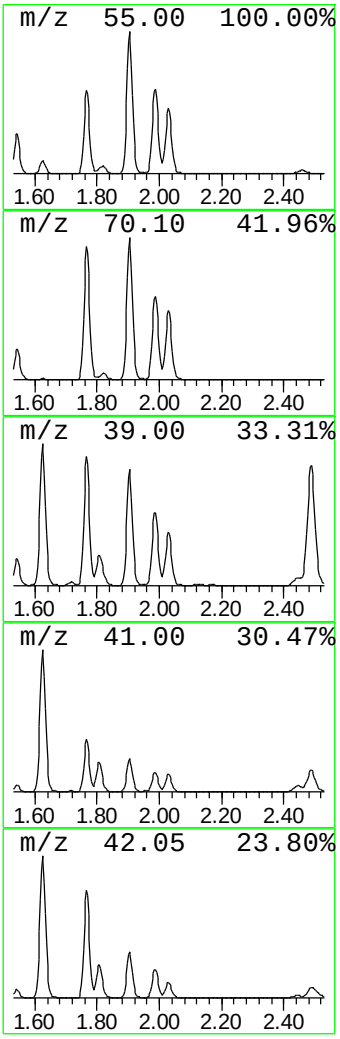
Peak Number 10 (DEL) Alkane: Cyclic2.03 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.03	34.82 ug/L	636313	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	64
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	64
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	52
4	2-Butene, 2-methyl-	70	C5H10	000513-35-9	52
5	1-Butene, 3-methyl-	70	C5H10	000563-45-1	52





Library Search Compound Report

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Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

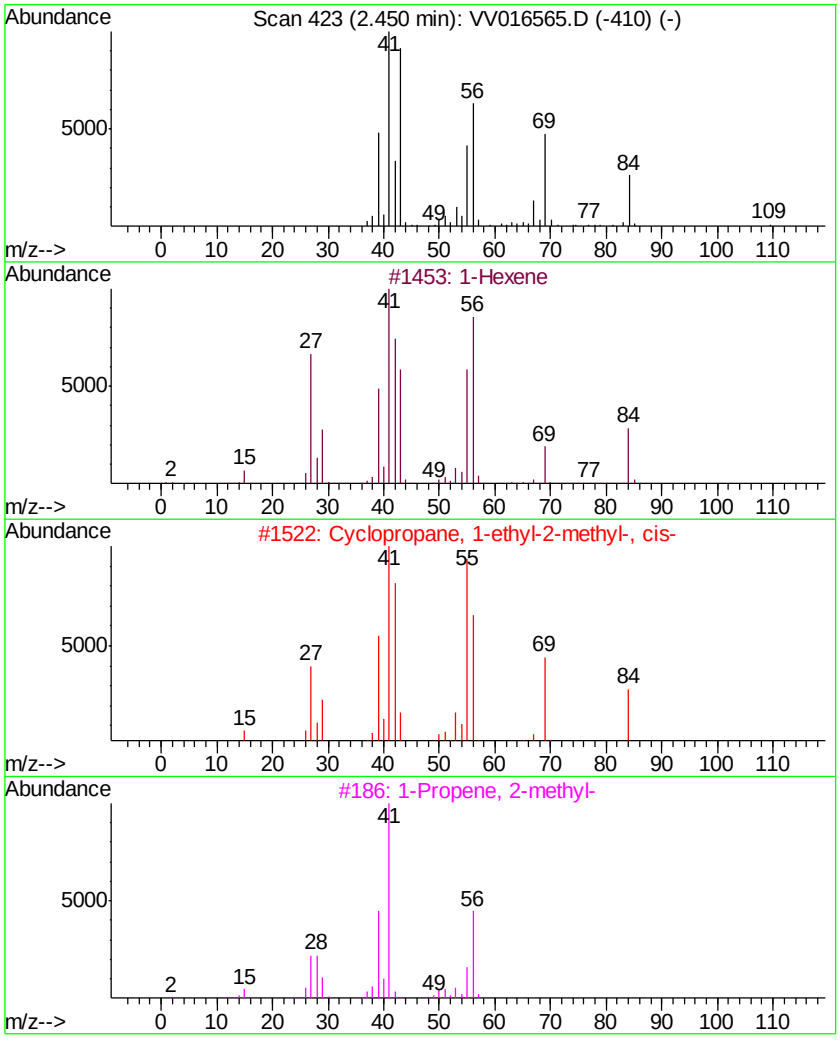
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

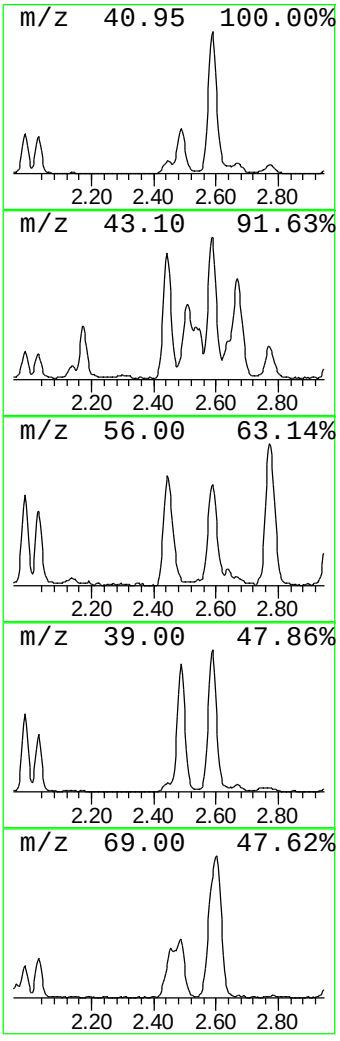
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	5.82 ug/L	106390	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene	84	C6H12	000592-41-6	59
2	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	59
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	46
4	2-Butene, (E)-	56	C4H8	000624-64-6	46
5	2-Butene	56	C4H8	000107-01-7	46





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Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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

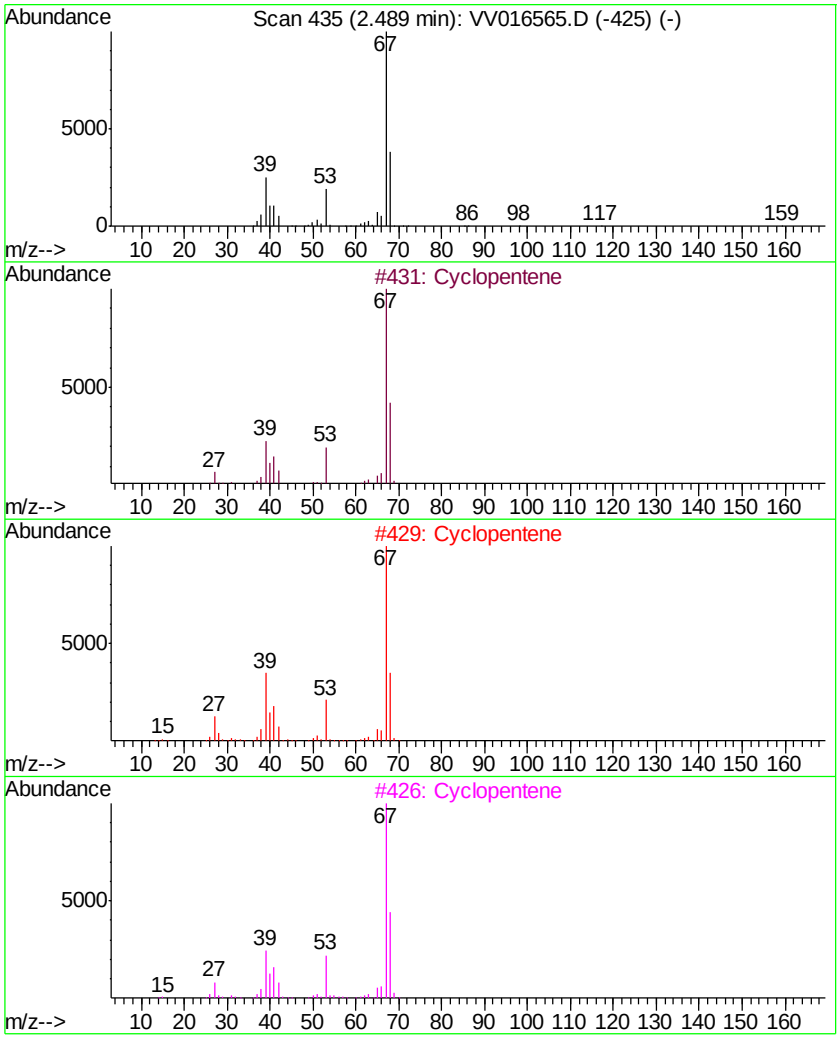
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

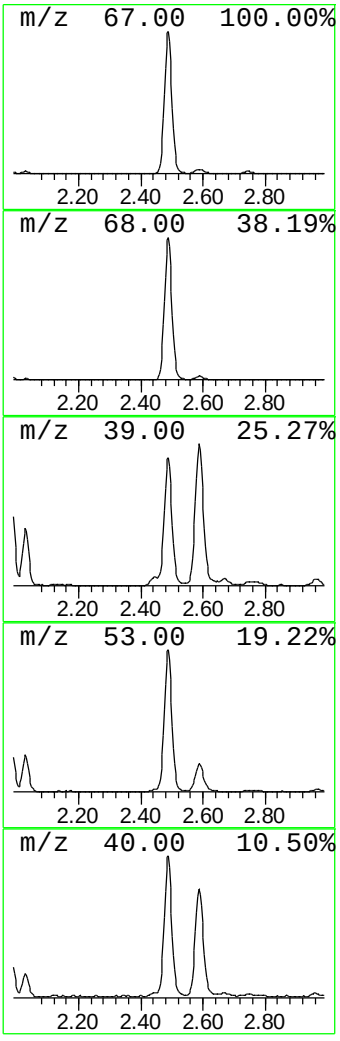
****

Peak Number 12 Cyclopentene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.49	88.08 ug/L	1609730	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene	68	C5H8	000142-29-0	91
2	Cyclopentene	68	C5H8	000142-29-0	91
3	Cyclopentene	68	C5H8	000142-29-0	91
4	2,3-Diazabicyclo[2.2.1]-hept-2-ene	96	C5H8N2	002721-32-6	83
5	Cyclopentene	68	C5H8	000142-29-0	83





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Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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

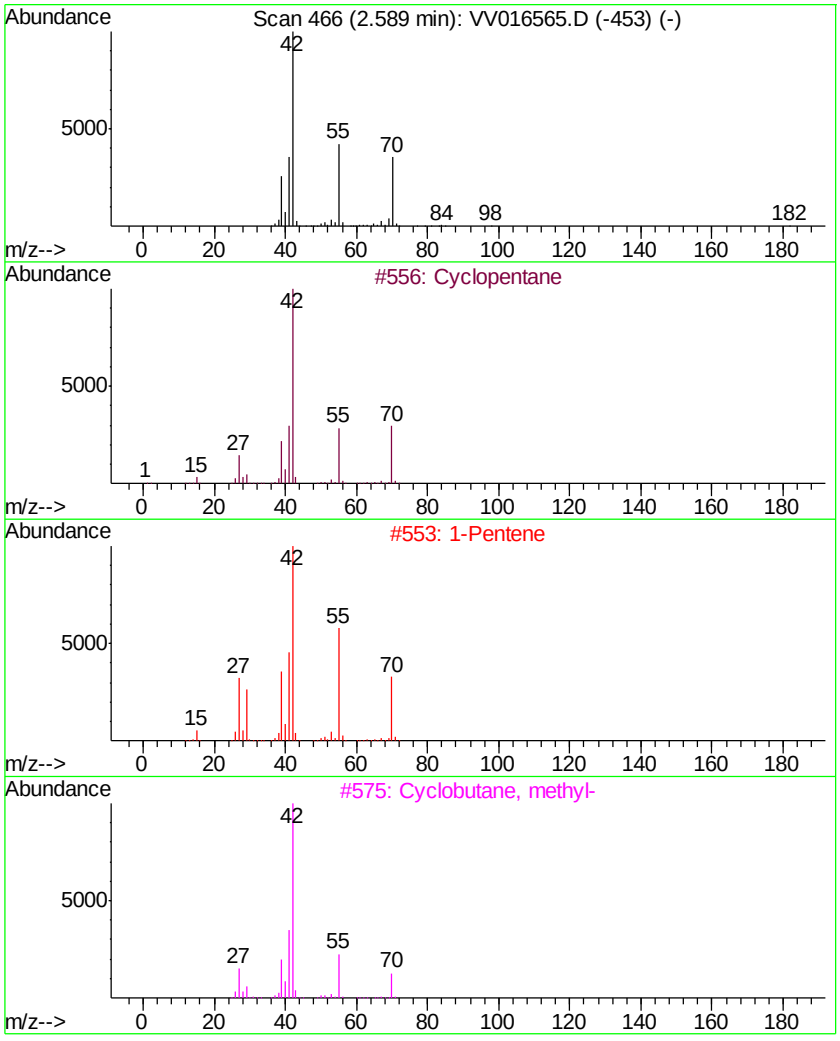
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

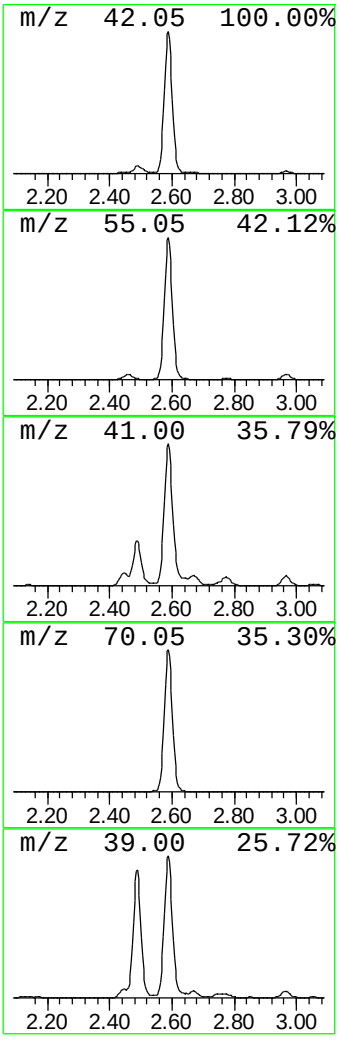
****

Peak Number 13 (DEL) Alkane: Cyclic2.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.59	119.22 ug/L	2178740	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	1-Pentene	70	C5H10	000109-67-1	46





Library Search Compound Report

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Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

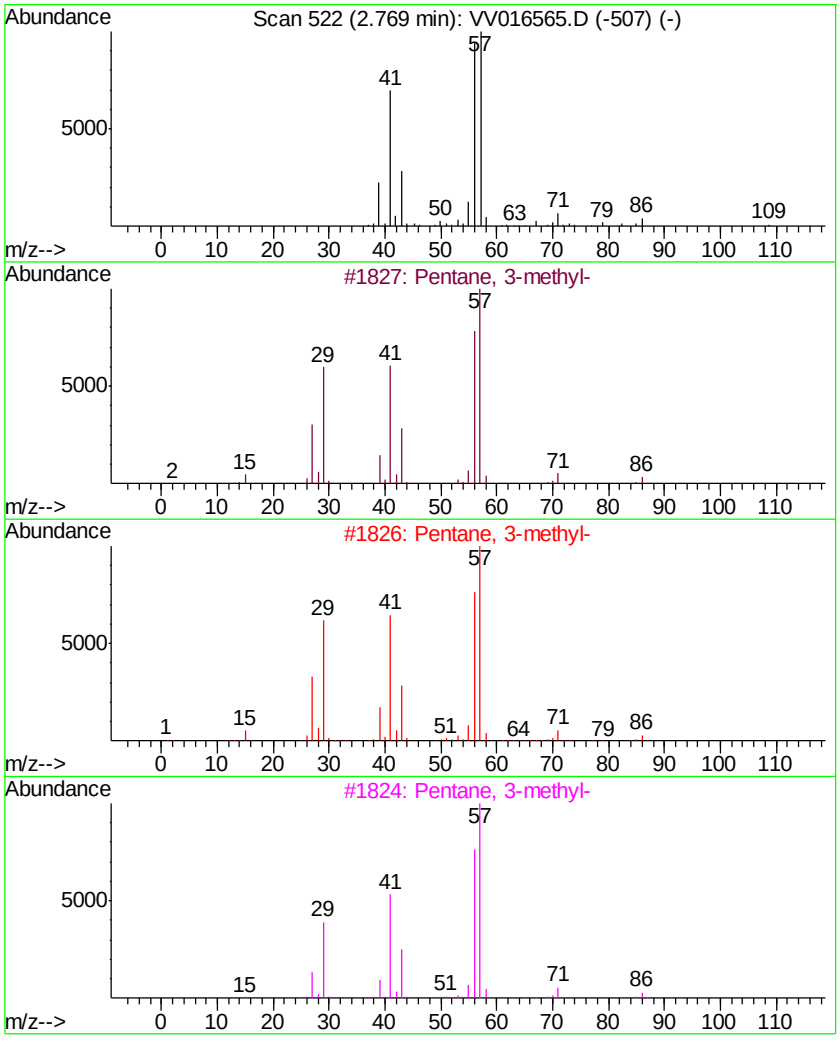
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

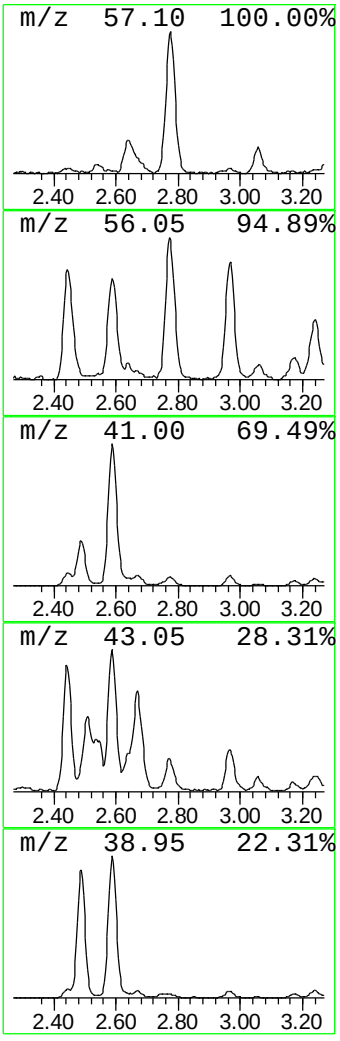
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.77	7.17 ug/L	130964	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	87
4	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	59
5	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	59





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Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

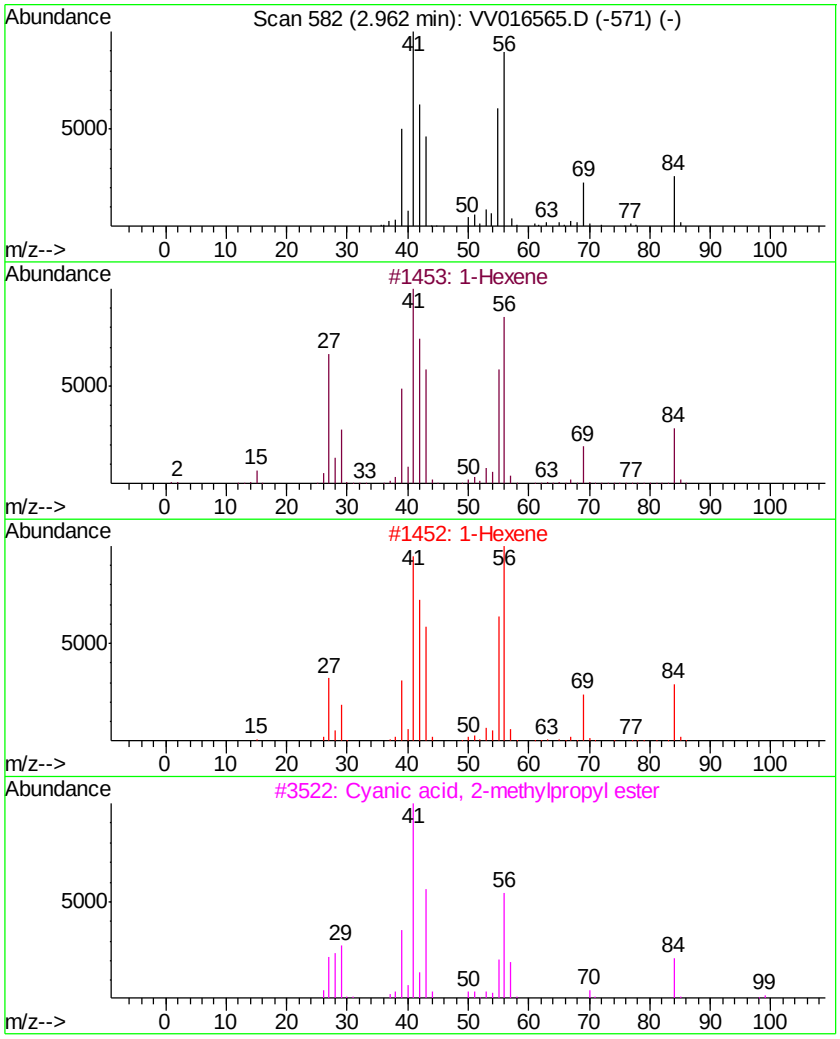
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

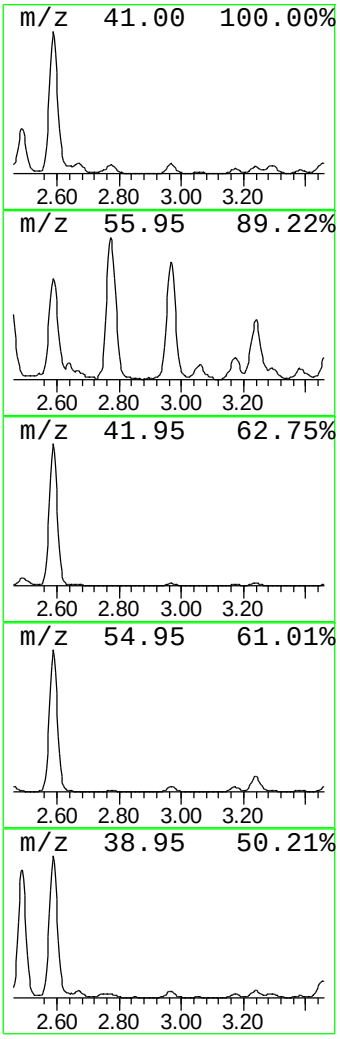
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	6.28 ug/L	114786	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-Hexene	84	C6H12	000592-41-6	81
3	Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	50
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	49
5	Cyclobutane	56	C4H8	000287-23-0	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

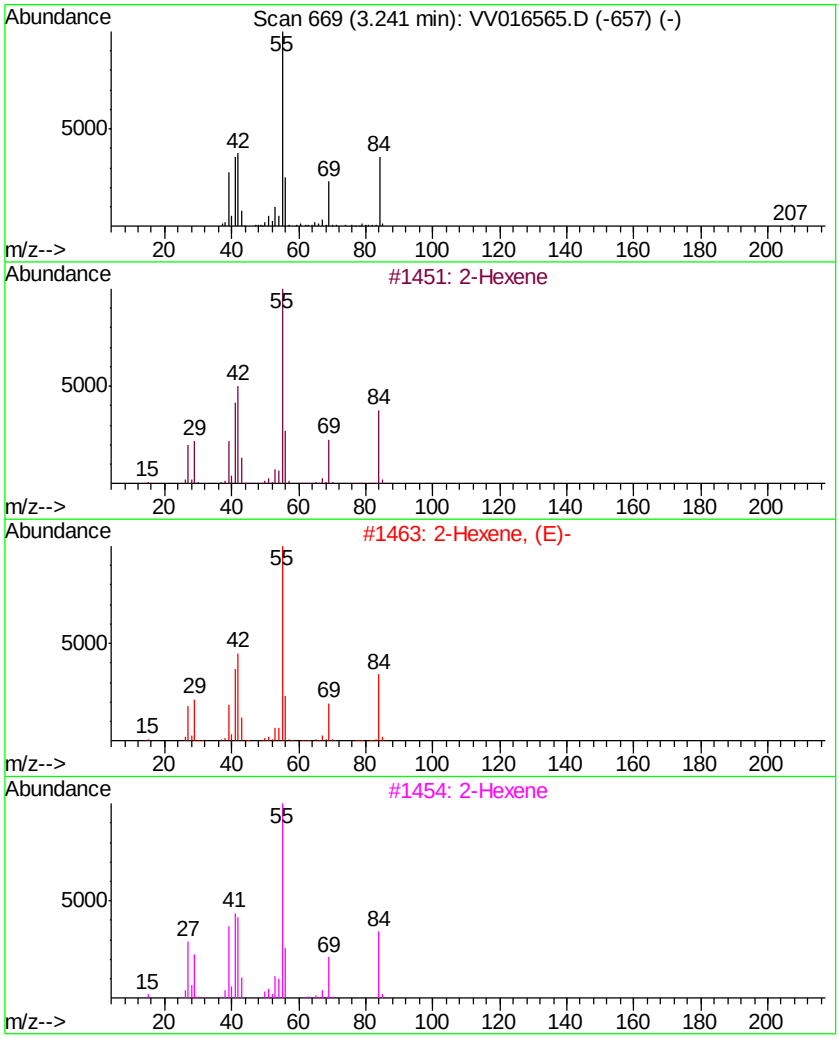
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

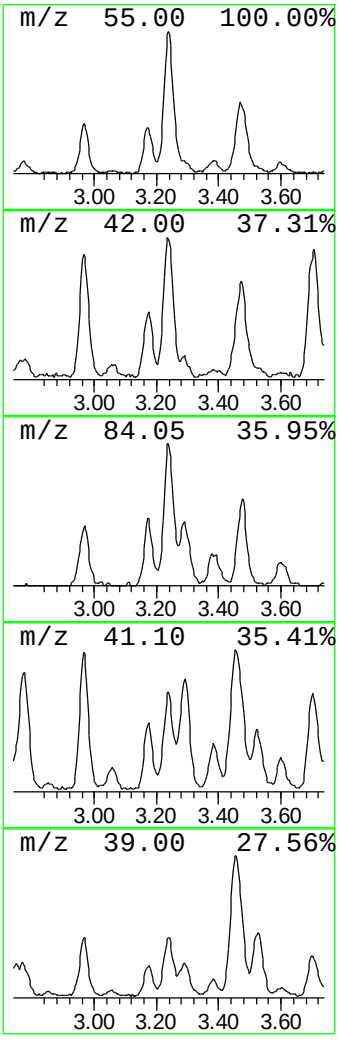
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	6.90 ug/L	126085	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene	84	C6H12	000592-43-8	90
2	2-Hexene, (E)-	84	C6H12	004050-45-7	90
3	2-Hexene	84	C6H12	000592-43-8	90
4	2-Hexene, (Z)-	84	C6H12	007688-21-3	87
5	2-Hexene, (E)-	84	C6H12	004050-45-7	86





Library Search Compound Report

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Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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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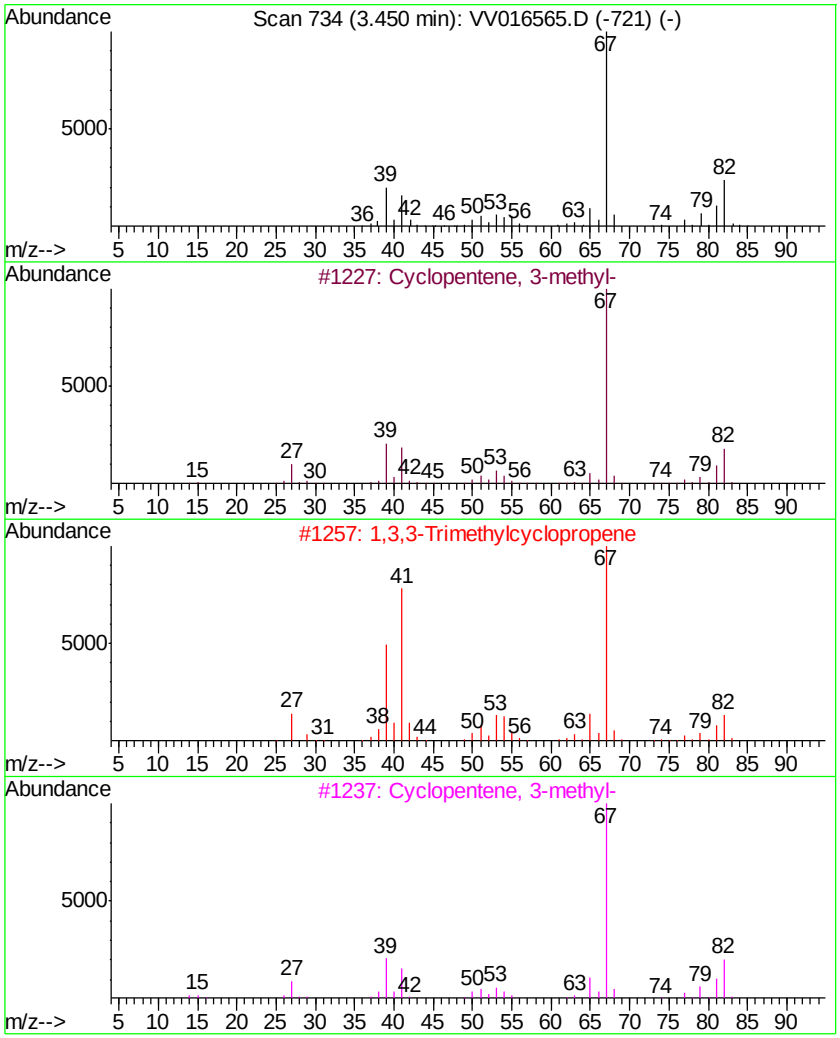
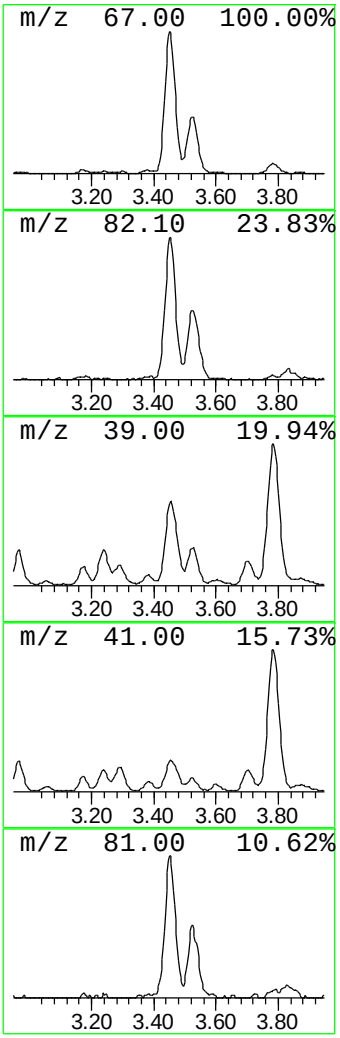
Peak Number 17 Cyclopentene, 3-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.45	23.57 ug/L	430812	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	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	90
4	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	90
5	Isopropenylcyclopropane	82	C6H10	004663-22-3	90





Library Search Compound Report

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Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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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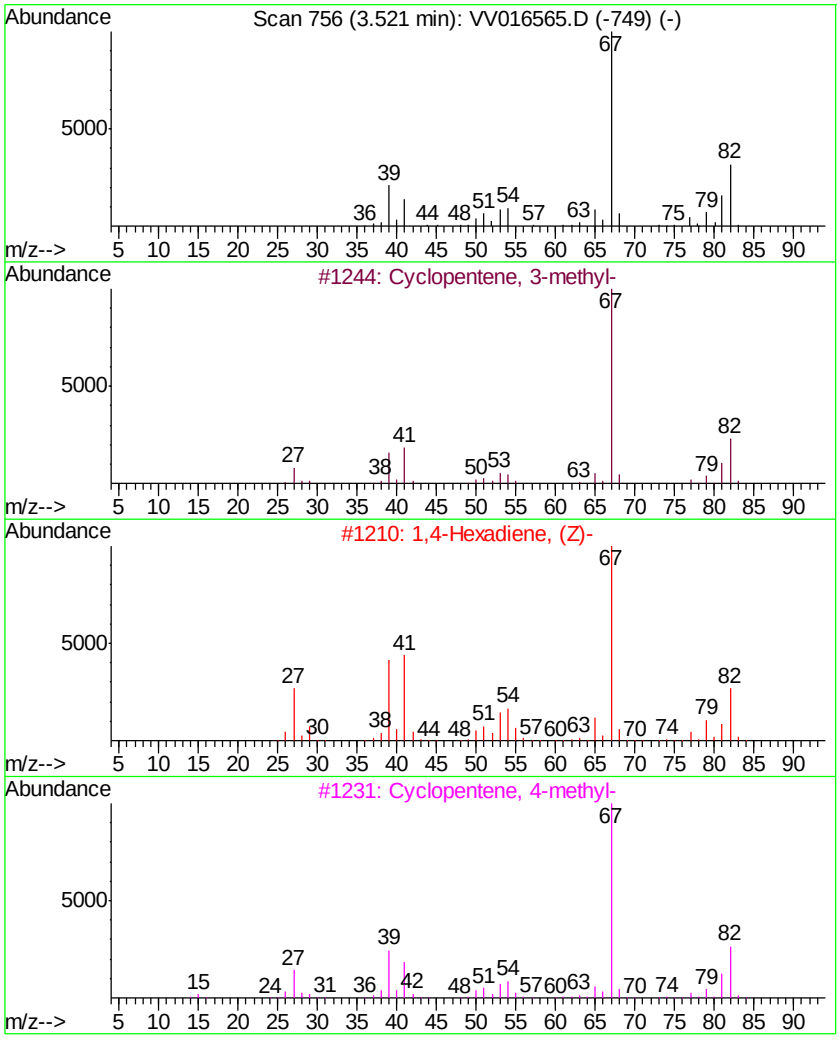
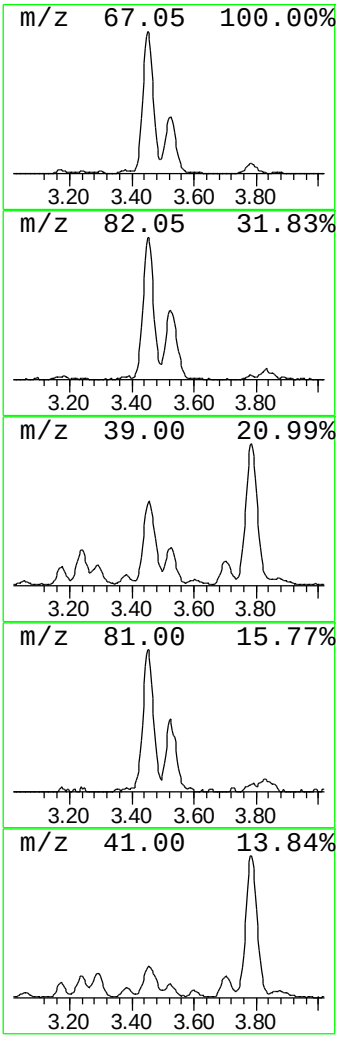
Peak Number 18 1,4-Hexadiene, (Z)- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.52	8.47 ug/L	154881	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	90
2	1,4-Hexadiene, (Z)-	82	C6H10	007318-67-4	87
3	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	87
4	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	87
5	Isopropenylcyclopropane	82	C6H10	004663-22-3	86





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Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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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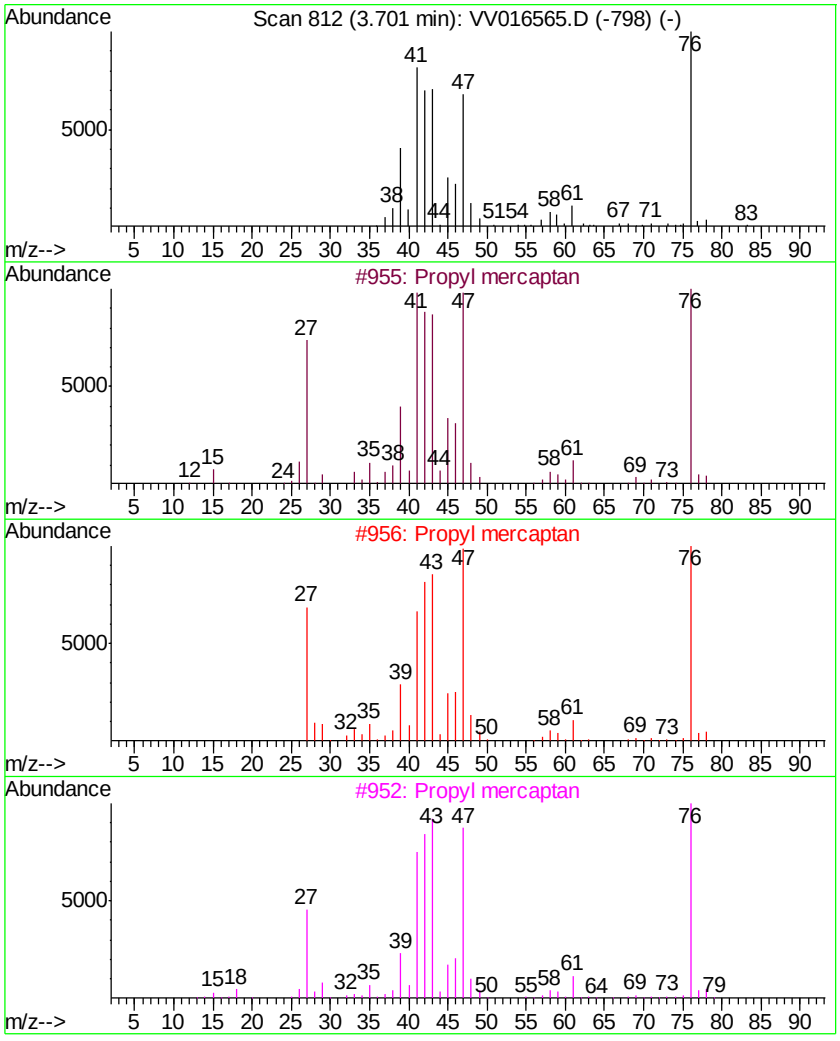
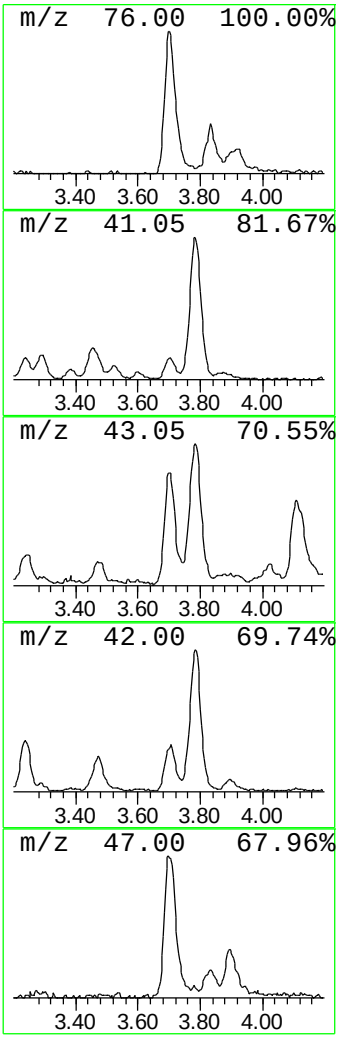
Peak Number 19 Propyl mercaptan Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	6.89 ug/L	125984	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propyl mercaptan	76	C3H8S	000107-03-9	96
2	Propyl mercaptan	76	C3H8S	000107-03-9	93
3	Propyl mercaptan	76	C3H8S	000107-03-9	90
4	Propyl mercaptan	76	C3H8S	000107-03-9	87
5	Propyl mercaptan	76	C3H8S	000107-03-9	72





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Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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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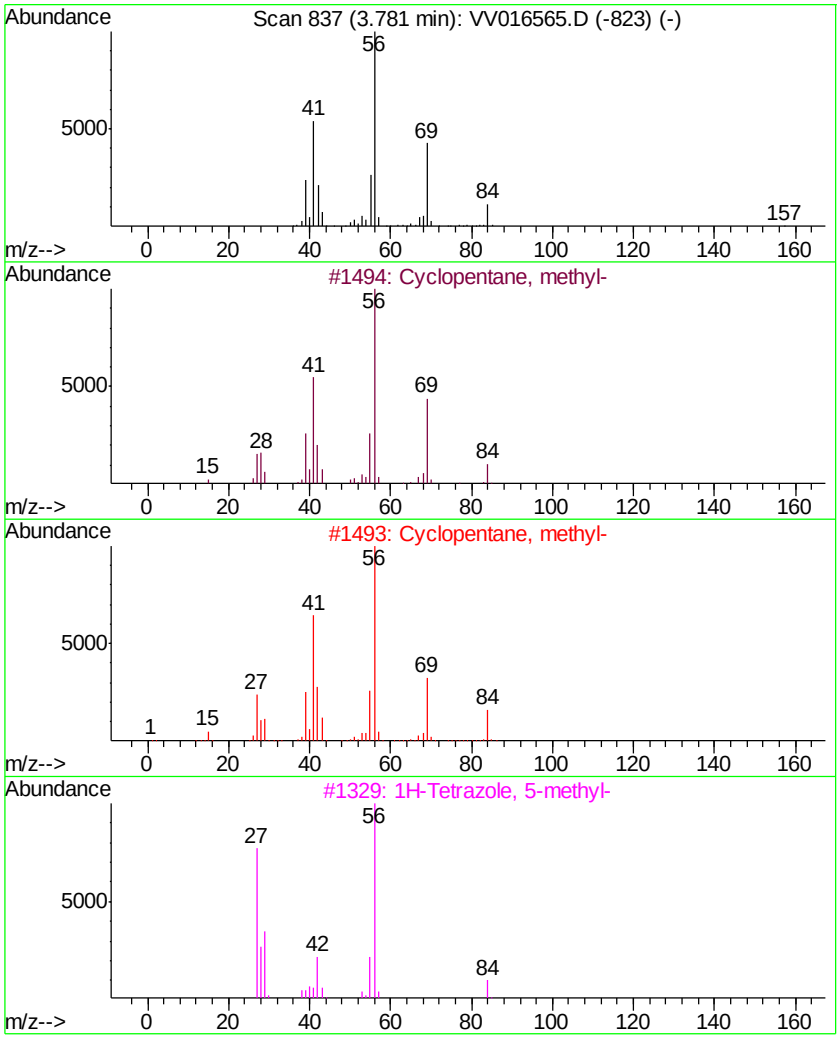
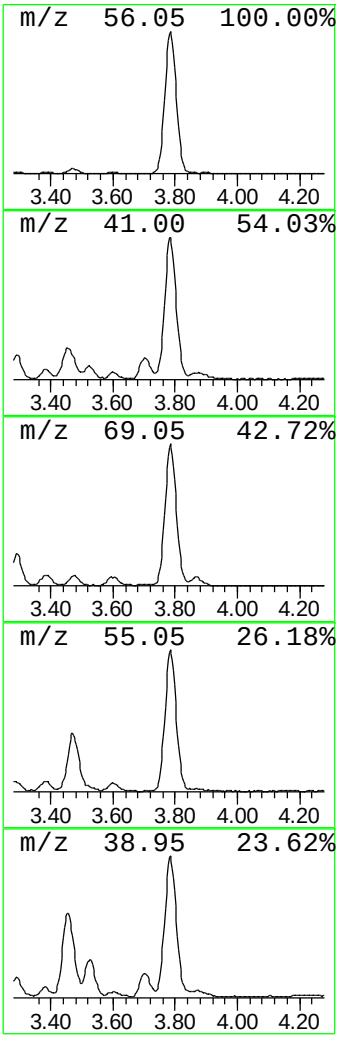
Peak Number 20 (DEL) Alkane: Cyclic3.78 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	45.39 ug/L	829478	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	64
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	64





Library Search Compound Report

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Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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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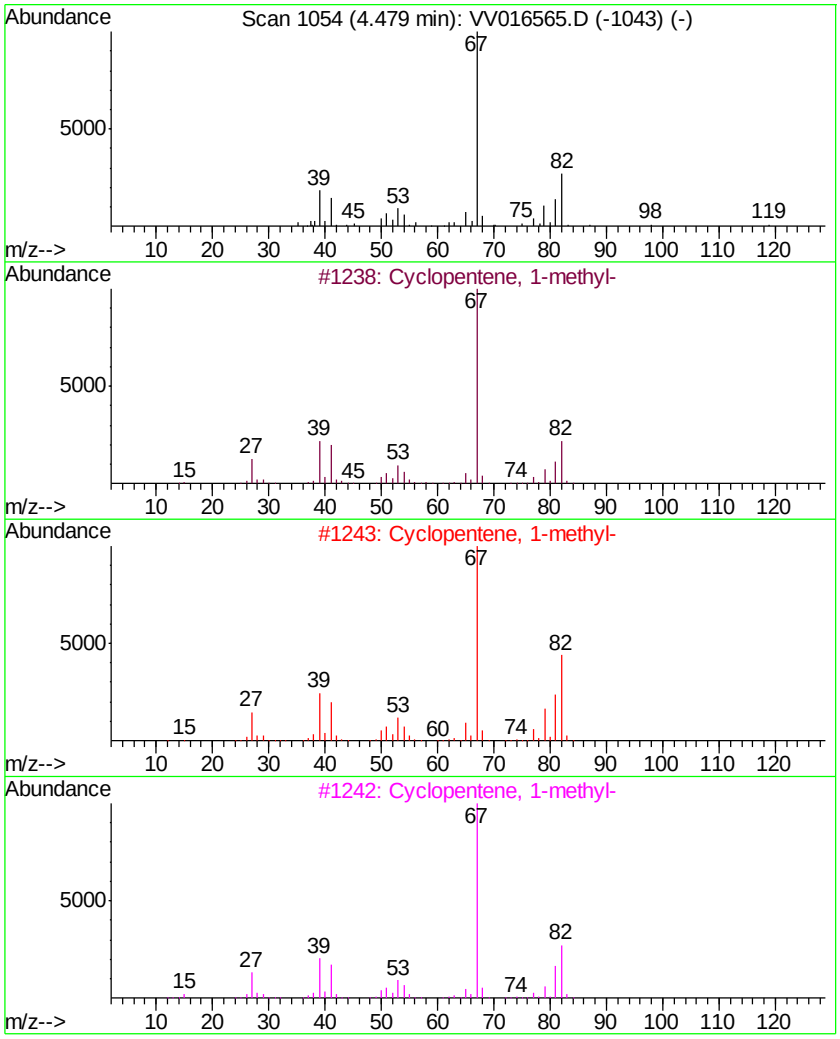
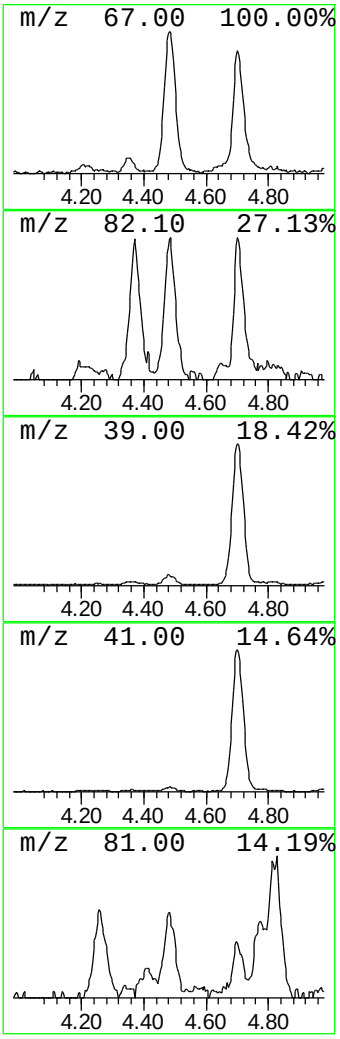
Peak Number 21 Cyclopentene, 1-methyl- Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.48	4.33 ug/L	79148	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, 1-methyl-	82	C6H10	000693-89-0	87
3	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	83
4	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	80
5	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	80





Library Search Compound Report

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Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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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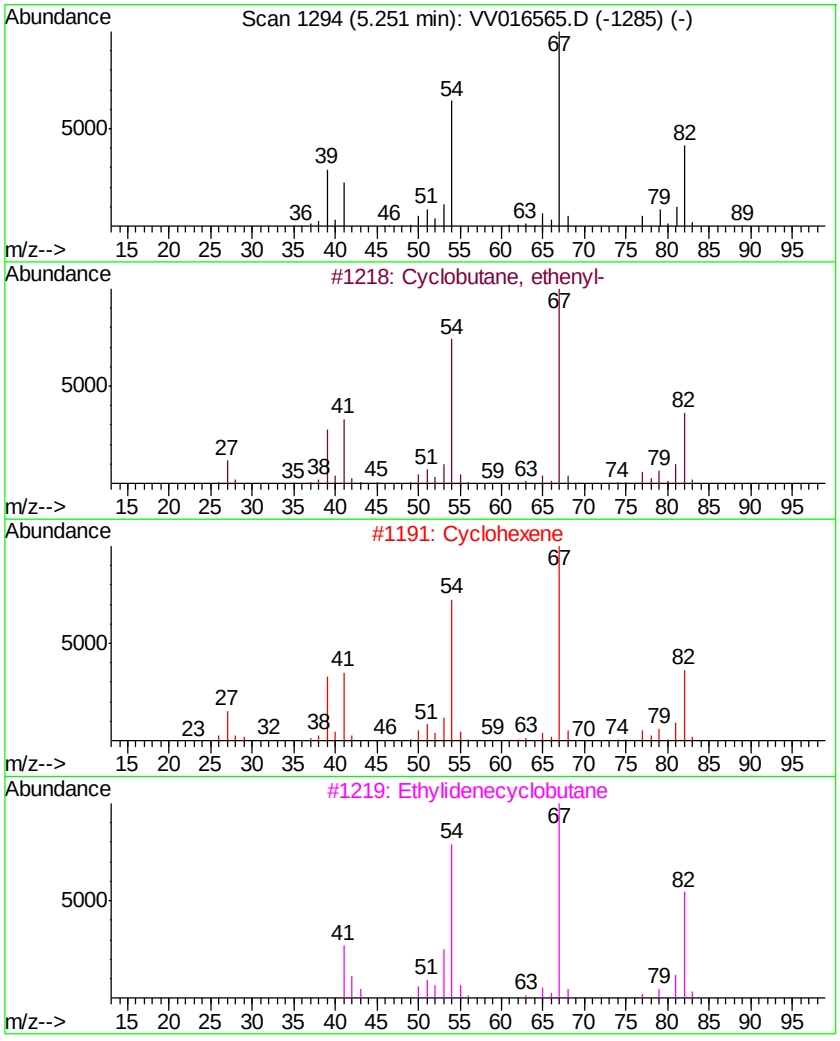
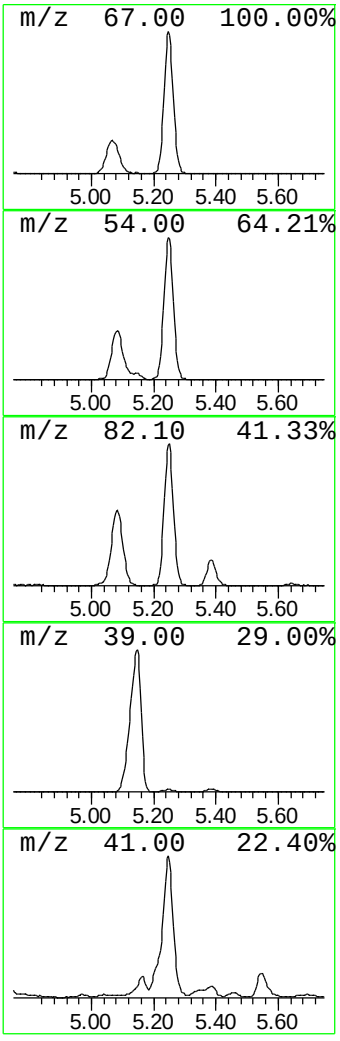
Peak Number 22 Cyclobutane, ethenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	69.26 ug/L	1265700	1,4-Difluorobenzene	5.64

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





Library Search Compound Report

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Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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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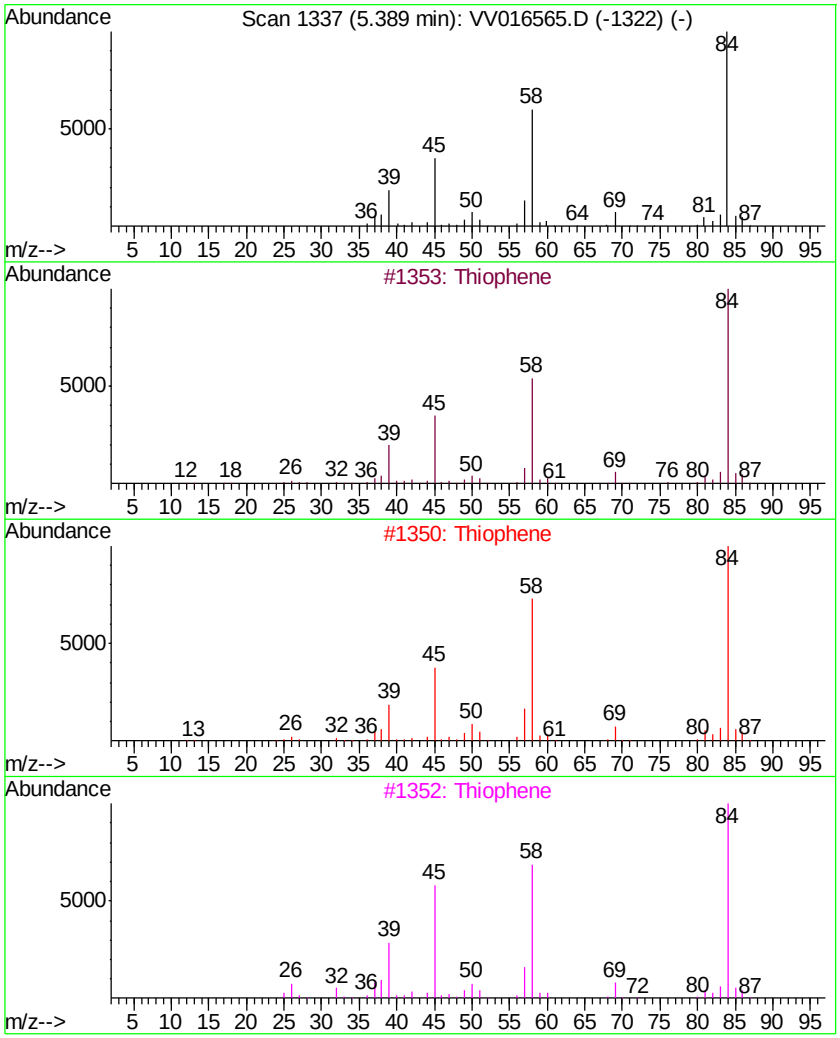
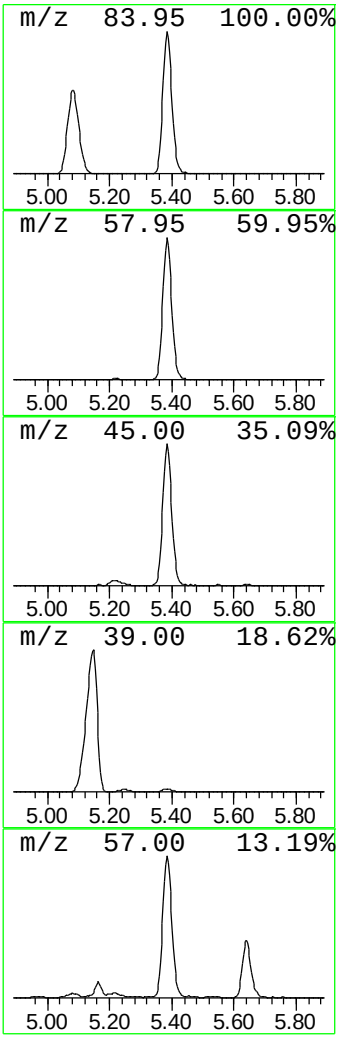
Peak Number 23 Thiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	112.46 ug/L	2055310	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	97
3	Thiophene	84	C4H4S	000110-02-1	91
4	Thiophene	84	C4H4S	000110-02-1	91
5	Pyridine-D5-	84	C5D5N	007291-22-7	38





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Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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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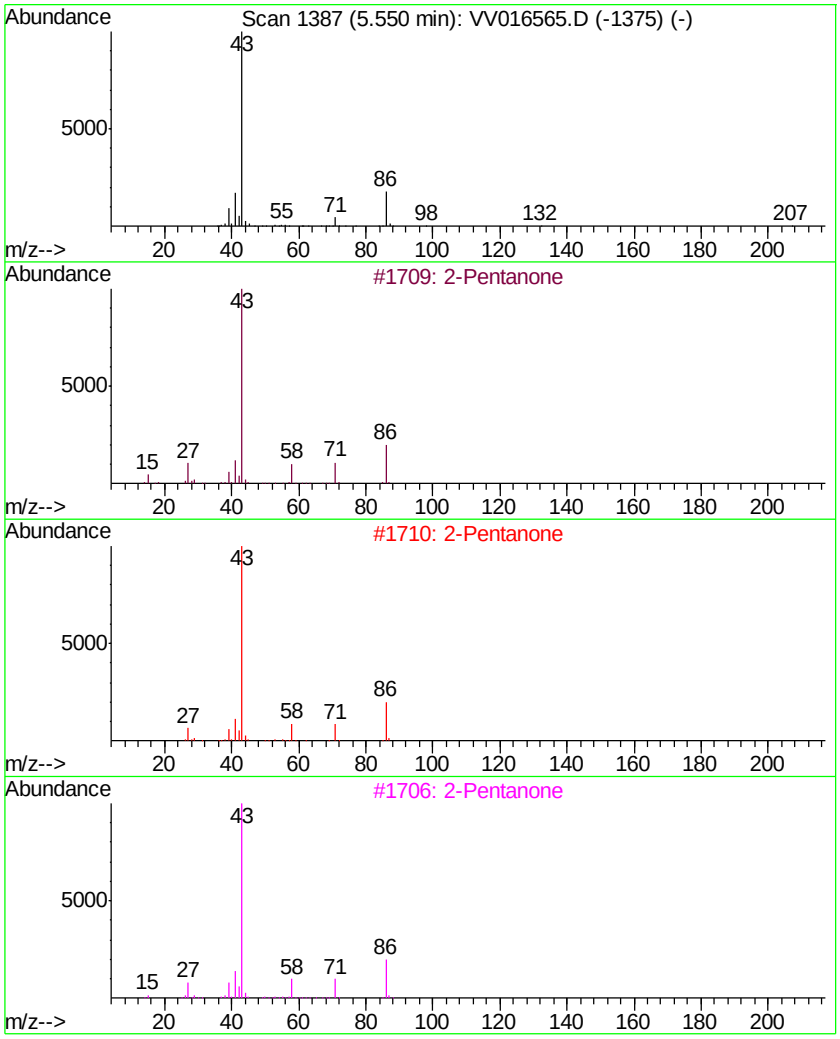
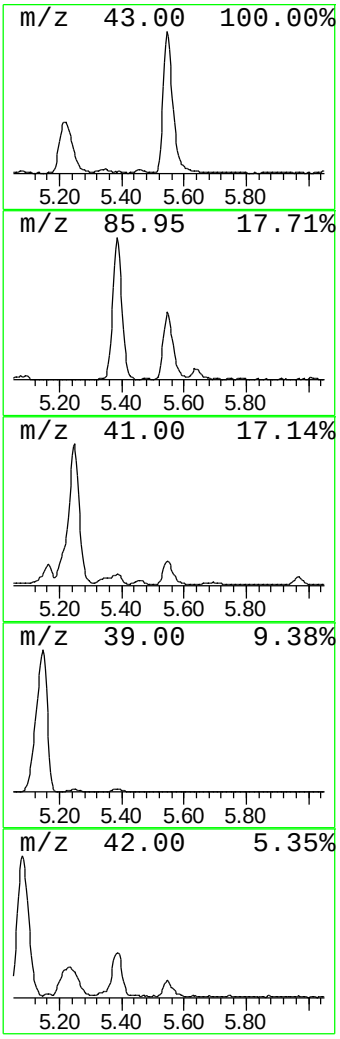
Peak Number 24 2-Pentanone Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	7.49 ug/L	136831	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	50
2	2-Pentanone	86	C5H10O	000107-87-9	50
3	2-Pentanone	86	C5H10O	000107-87-9	50
4	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	49
5	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	47





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Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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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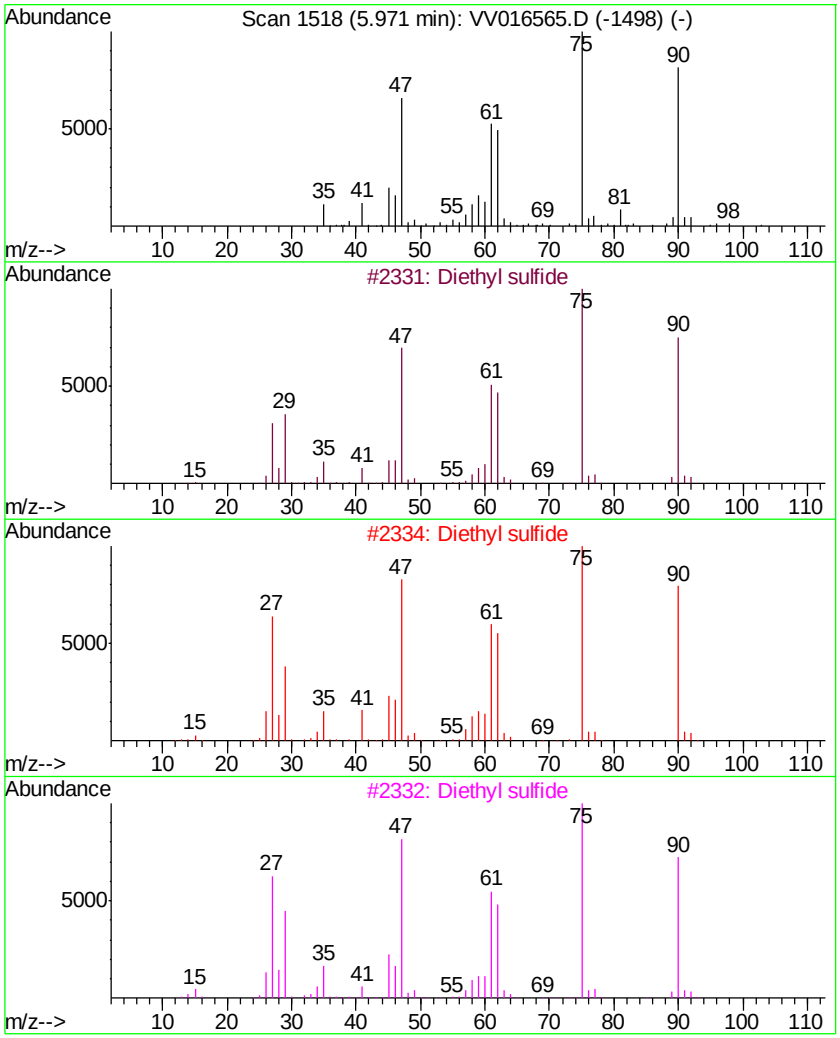
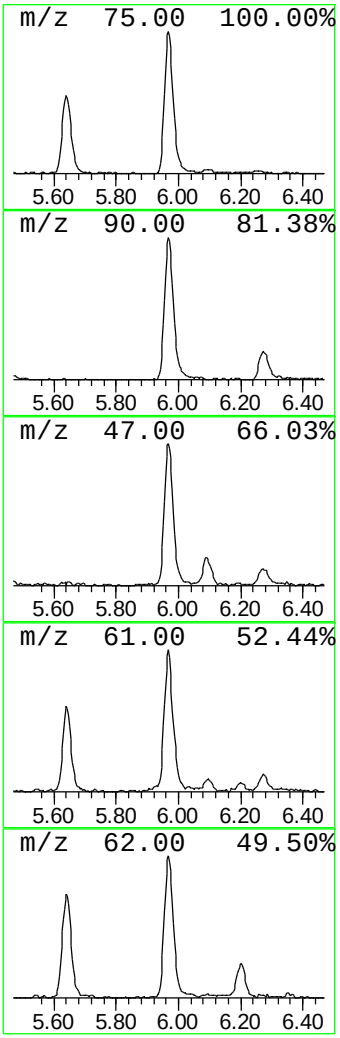
Peak Number 25 Diethyl sulfide Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	11.99 ug/L	219161	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	97
3	Diethyl sulfide	90	C4H10S	000352-93-2	94
4	Diethyl sulfide	90	C4H10S	000352-93-2	94
5	Sulfur diimide, dimethyl-	90	C2H6N2S	013849-02-0	64





Library Search Compound Report

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Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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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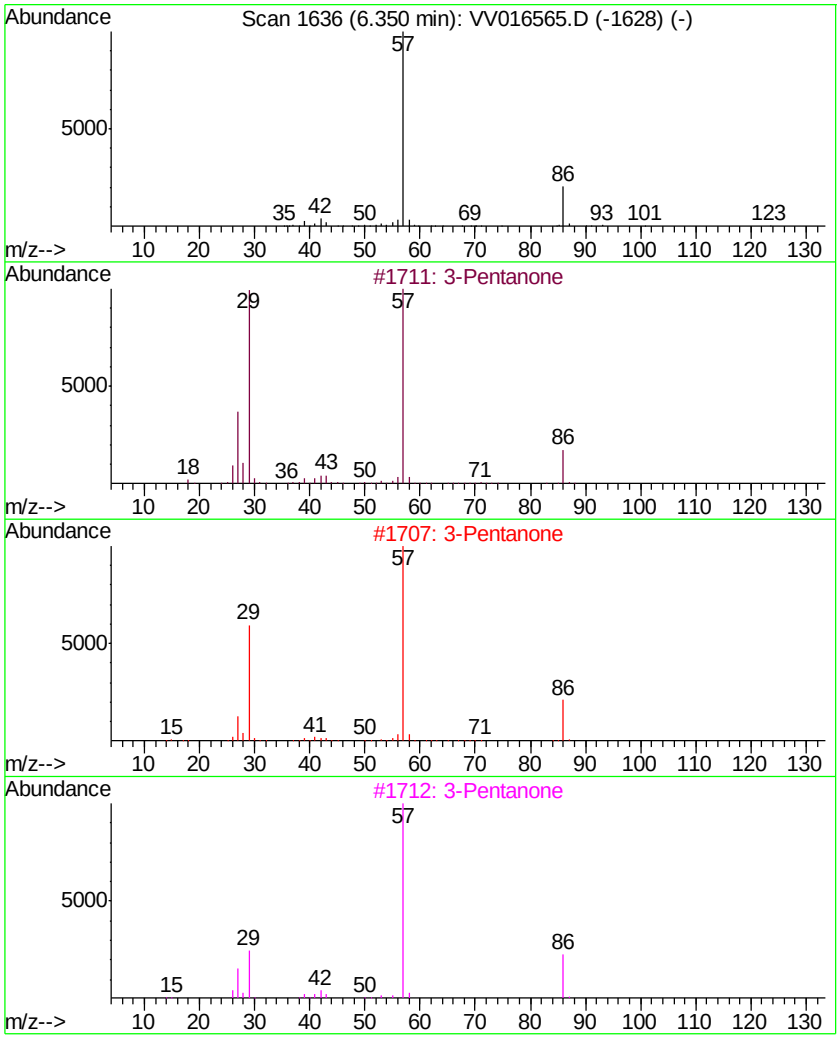
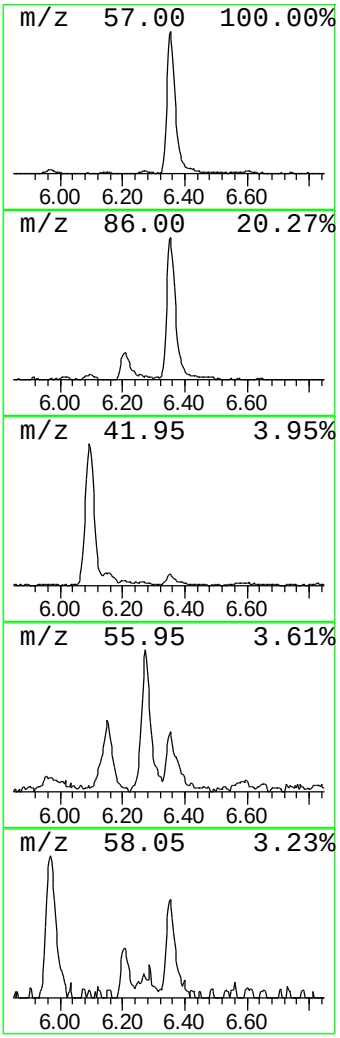
Peak Number 26 3-Pentanone Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	7.29 ug/L	133187	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone	86	C5H10O	000096-22-0	80
2	3-Pentanone	86	C5H10O	000096-22-0	64
3	3-Pentanone	86	C5H10O	000096-22-0	53
4	Ethyl-1-propenyl ether	86	C5H10O	000928-55-2	7
5	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	7





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Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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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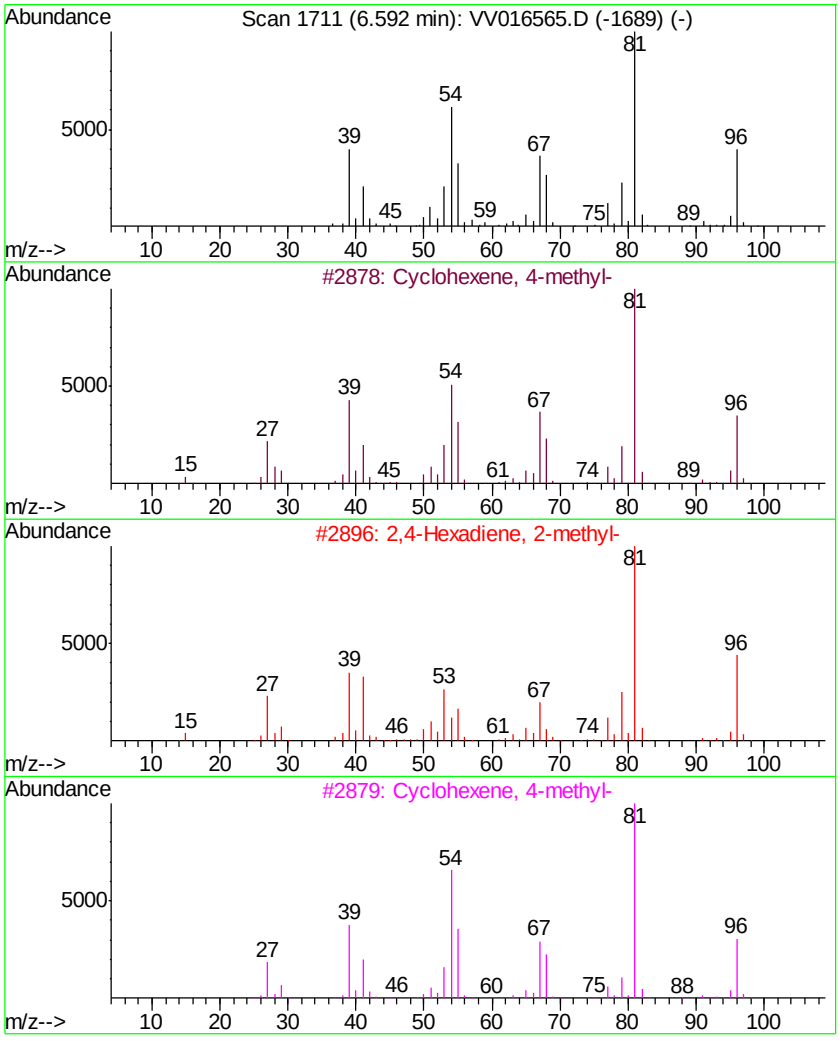
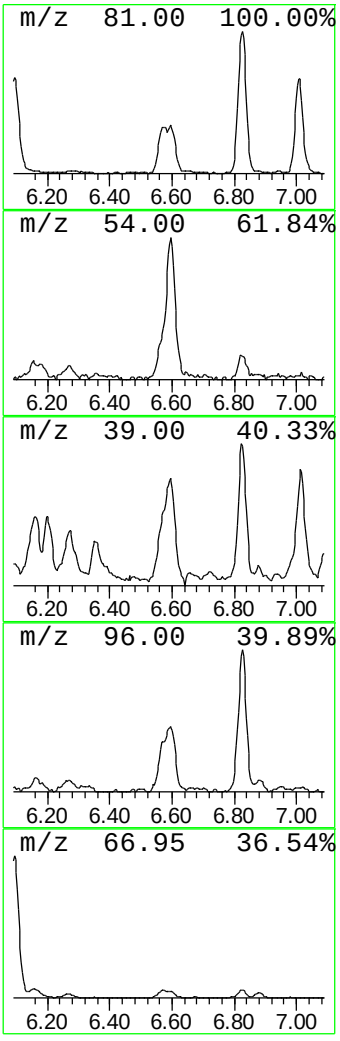
Peak Number 27 Cyclohexene, 4-methyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	9.49 ug/L	173508	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	96
2	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	90
3	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	81
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	76
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	64





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Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

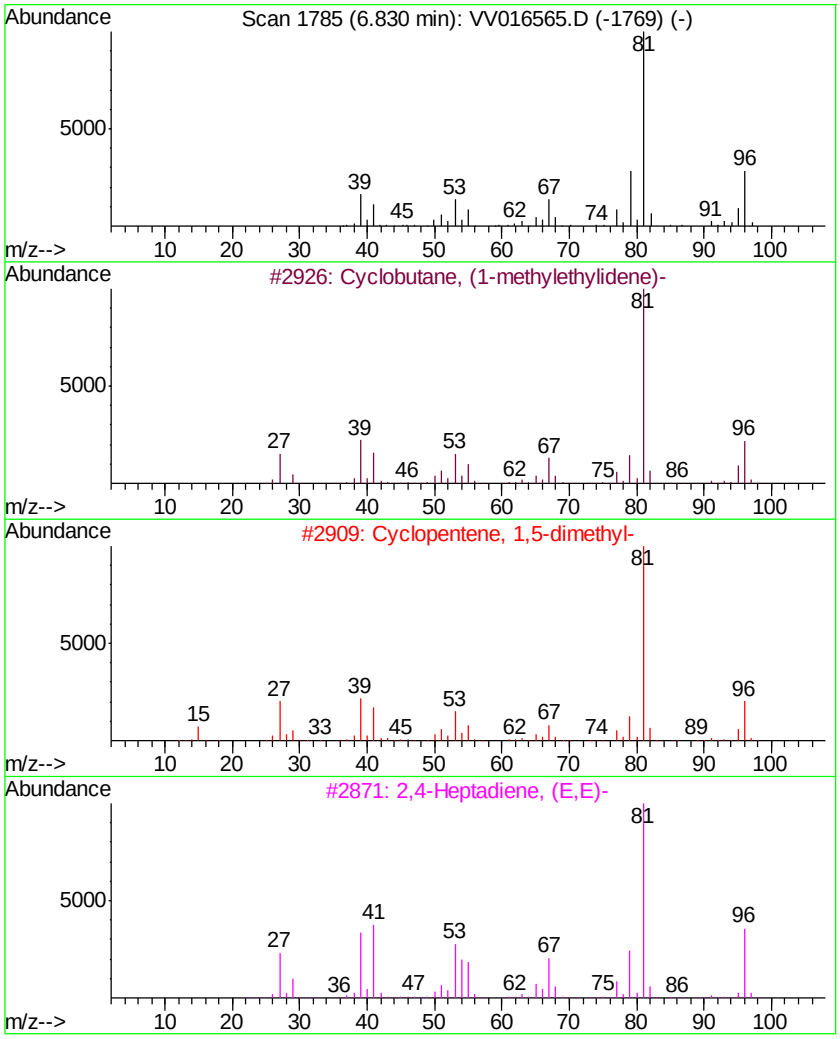
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

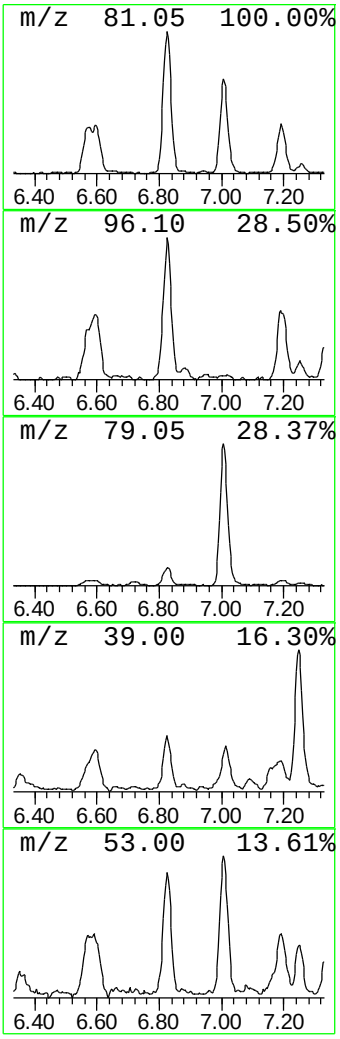
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	8.93 ug/L	163156	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	86
3	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	86
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	80
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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

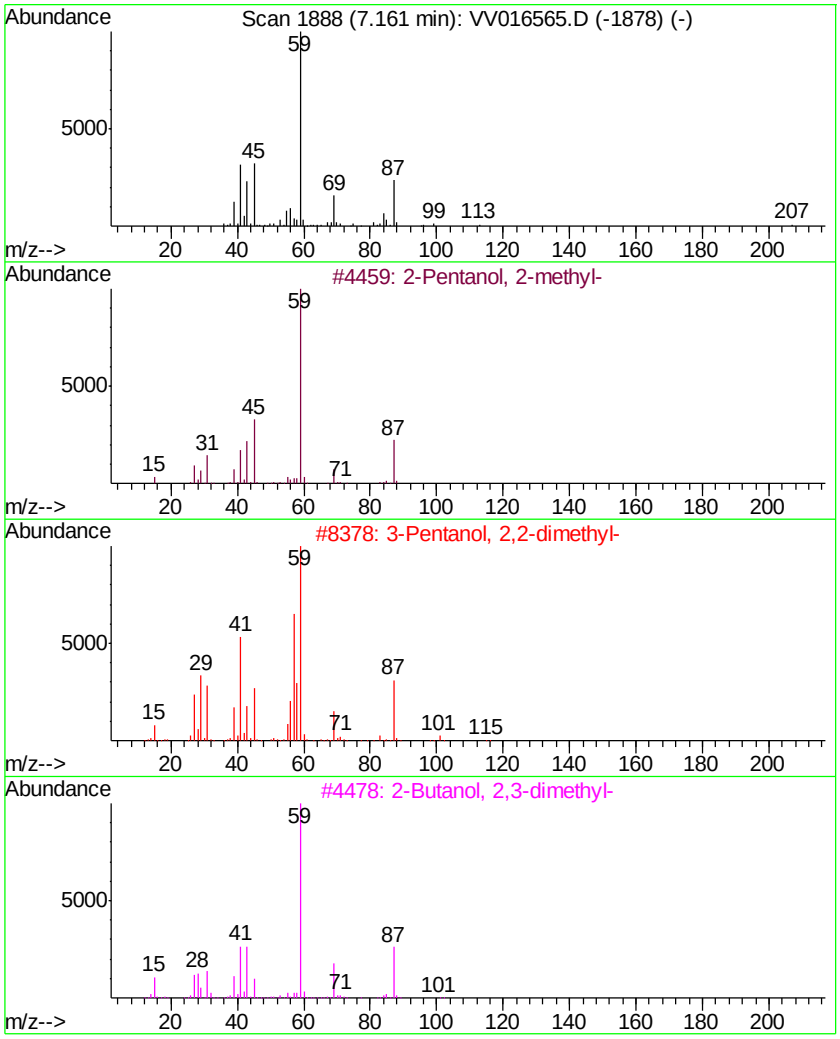
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

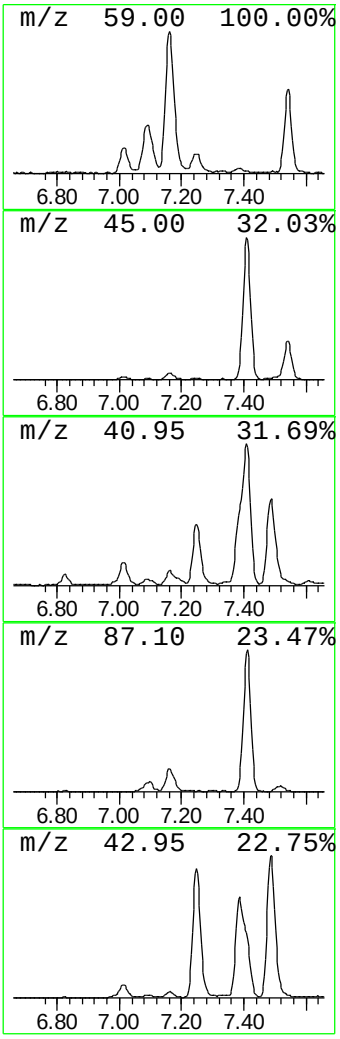
****

Peak Number 30 2-Pentanol, 2-methyl- Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	4.67 ug/L	85327	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	72
2	3-Pentanol, 2,2-dimethyl-	116	C7H16O	003970-62-5	59
3	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	59
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	56
5	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	45





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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

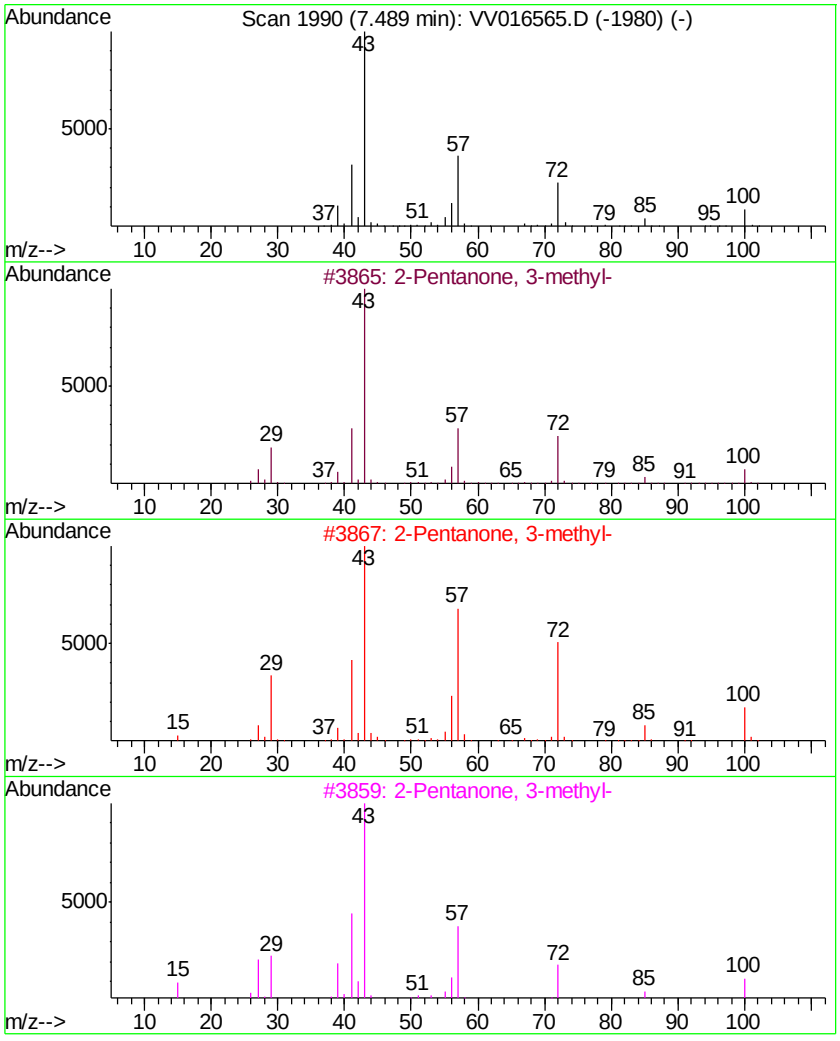
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

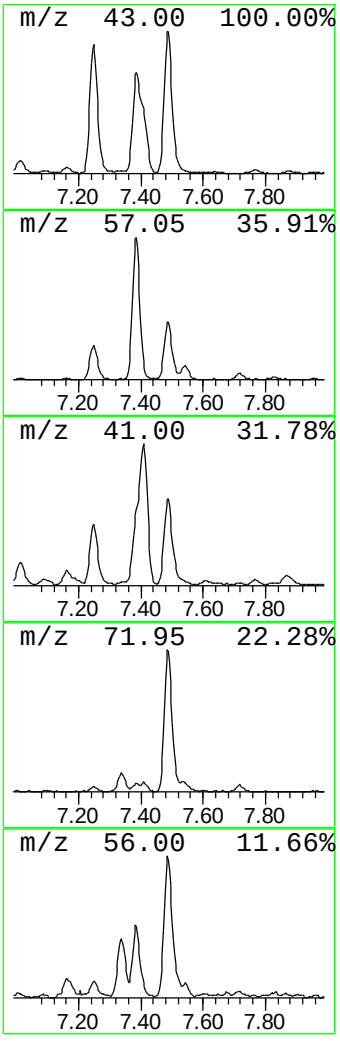
****

Peak Number 31 2-Pentanone, 3-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	19.23 ug/L	427607	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	87
2	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	72
3	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	59
4	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	52
5	2-Butanone	72	C4H8O	000078-93-3	47





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Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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

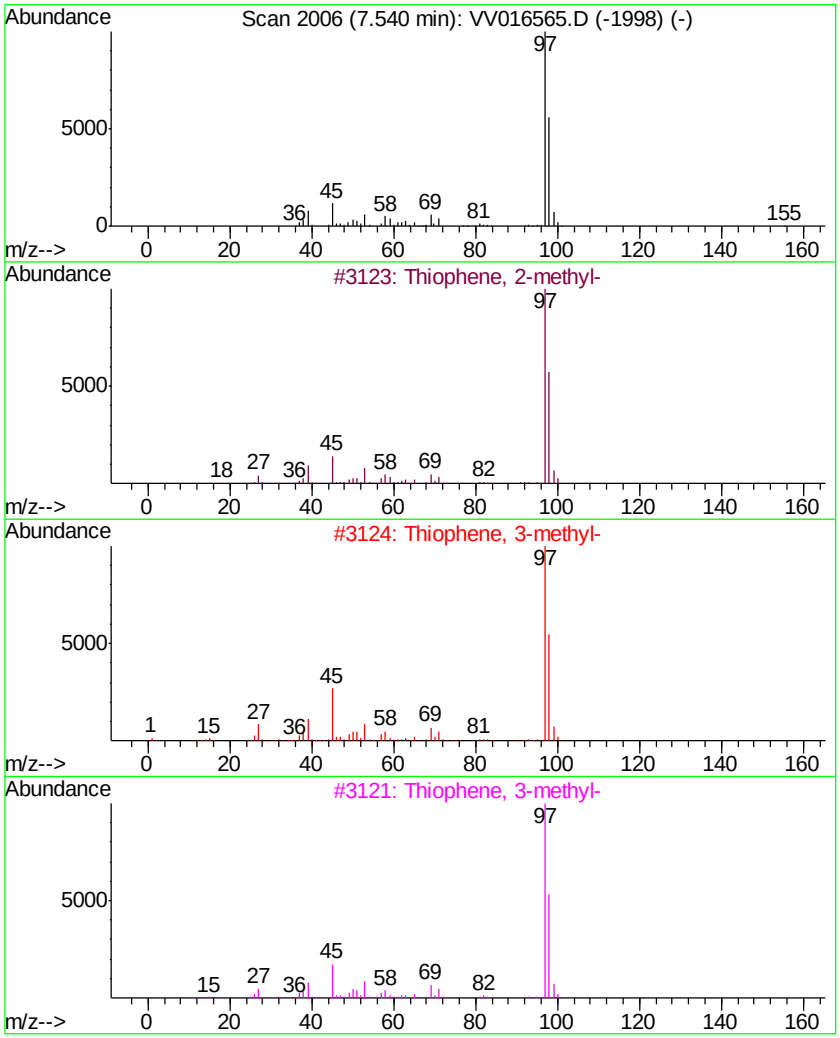
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

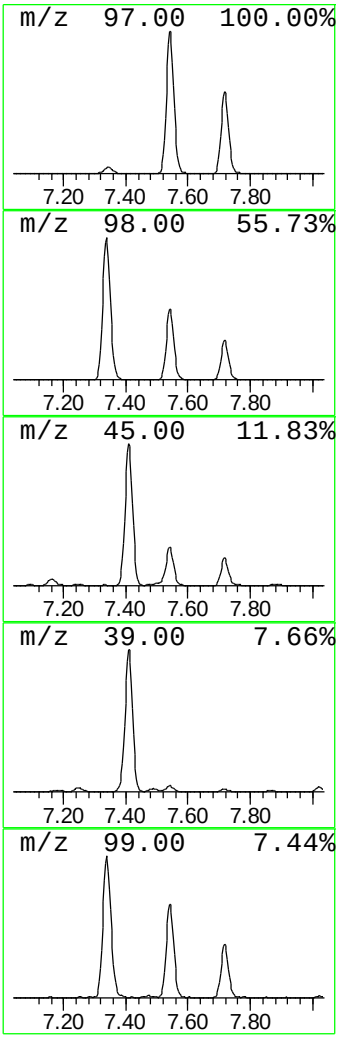
****

Peak Number 32 Thiophene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	47.04 ug/L	1046170	Chlorobenzene-d5	8.87

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





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Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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

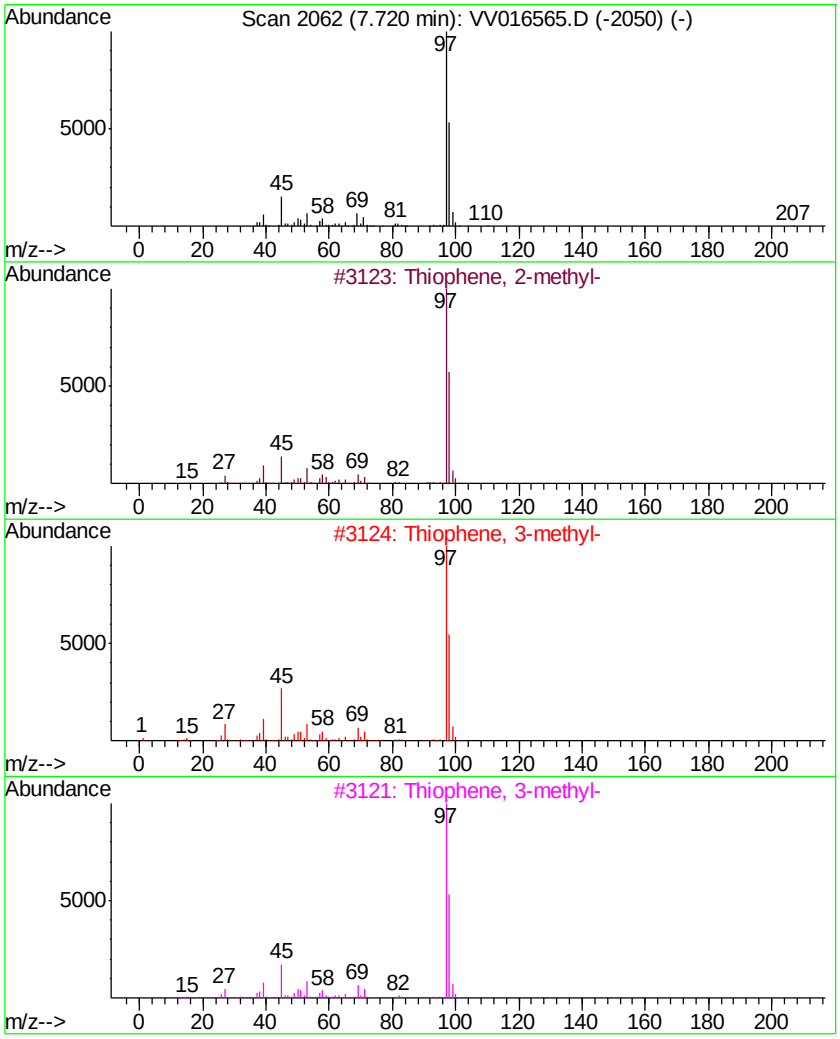
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

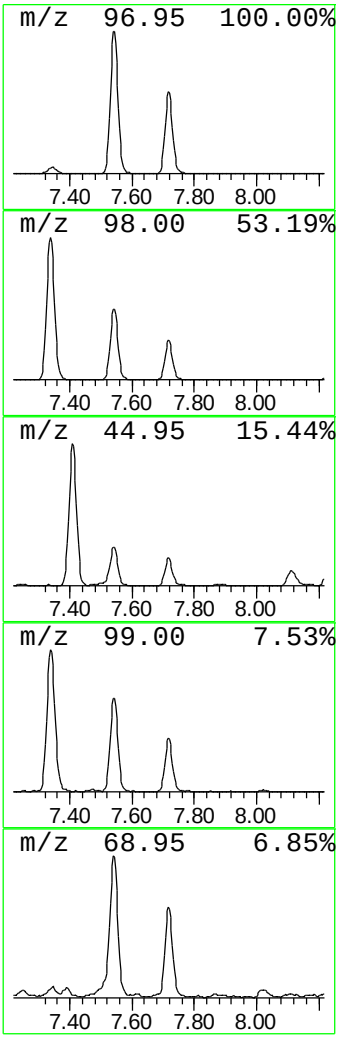
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	25.70 ug/L	571659	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	94
2	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	94
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 : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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

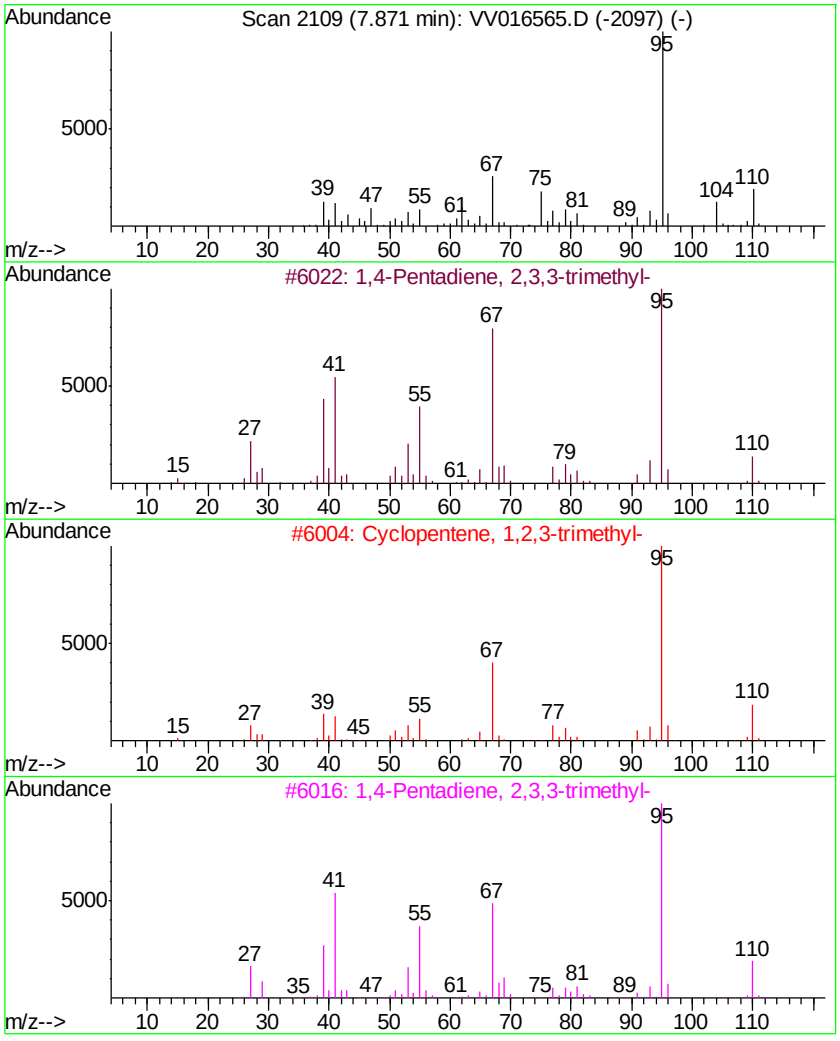
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

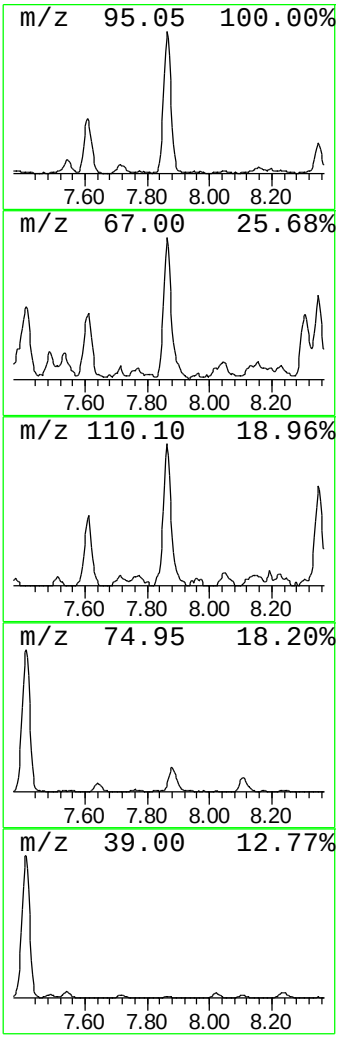
****

Peak Number 34 1,4-Pentadiene, 2,3,3-trime... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	7.88 ug/L	175201	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	74
2	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	74
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	64
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	64
5	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	58





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Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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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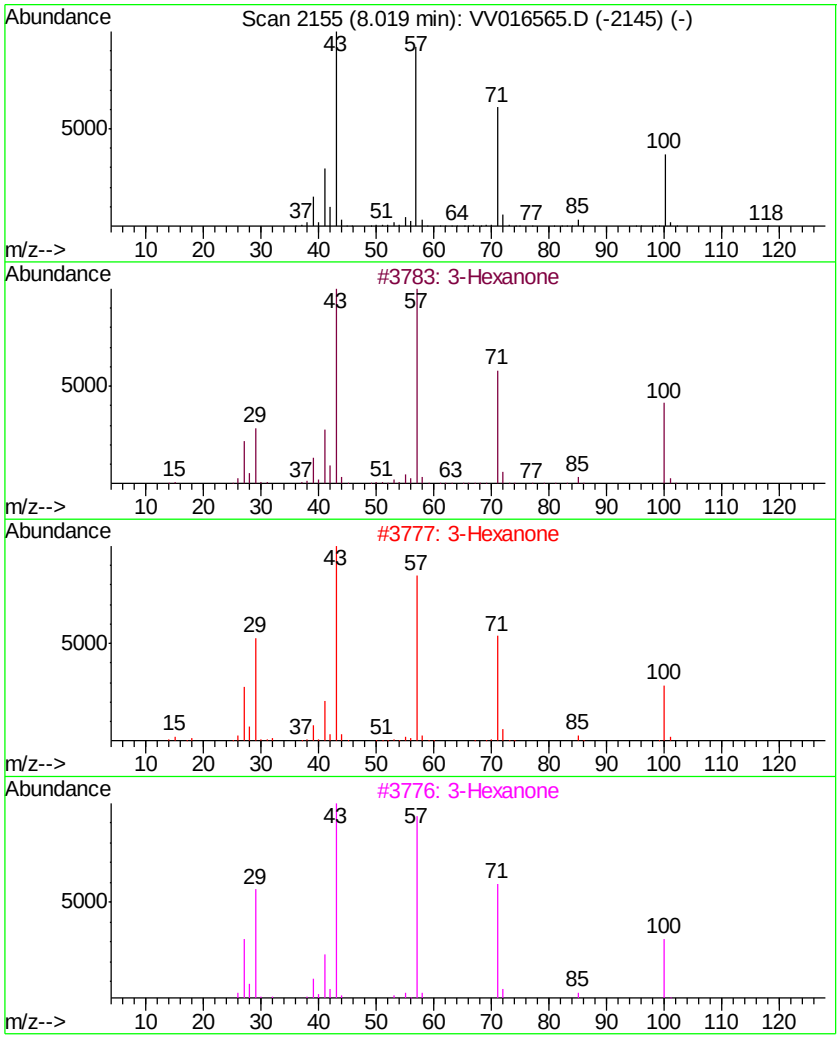
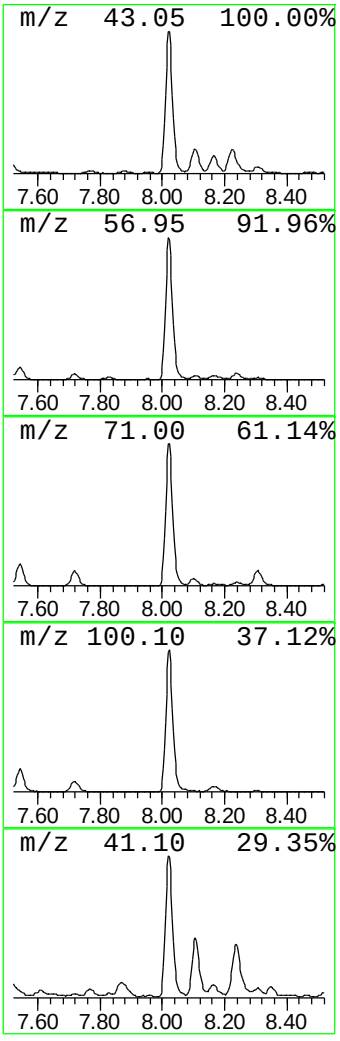
Peak Number 35 3-Hexanone Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	29.91 ug/L	665238	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	94
2	3-Hexanone	100	C6H12O	000589-38-8	91
3	3-Hexanone	100	C6H12O	000589-38-8	90
4	3-Hexanone	100	C6H12O	000589-38-8	86
5	3-Hexanone	100	C6H12O	000589-38-8	72





Library Search Compound Report

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Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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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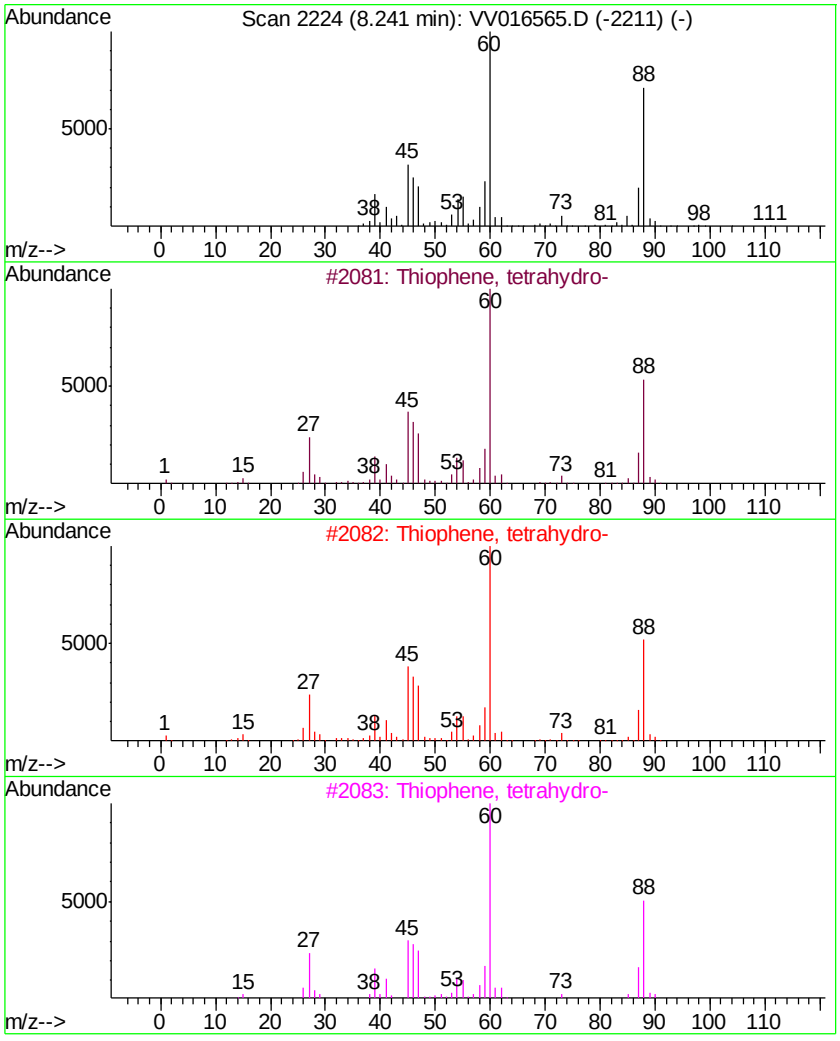
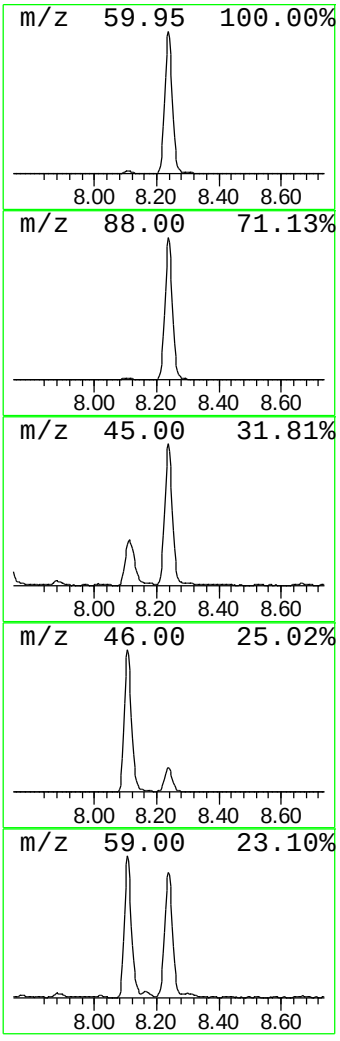
Peak Number 36 Thiophene, tetrahydro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	40.65 ug/L	903998	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	95
3	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	87
4	Thietane, 2-methyl-	88	C4H8S	017837-41-1	74
5	Ethylvinyl sulfide	88	C4H8S	000627-50-9	38





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Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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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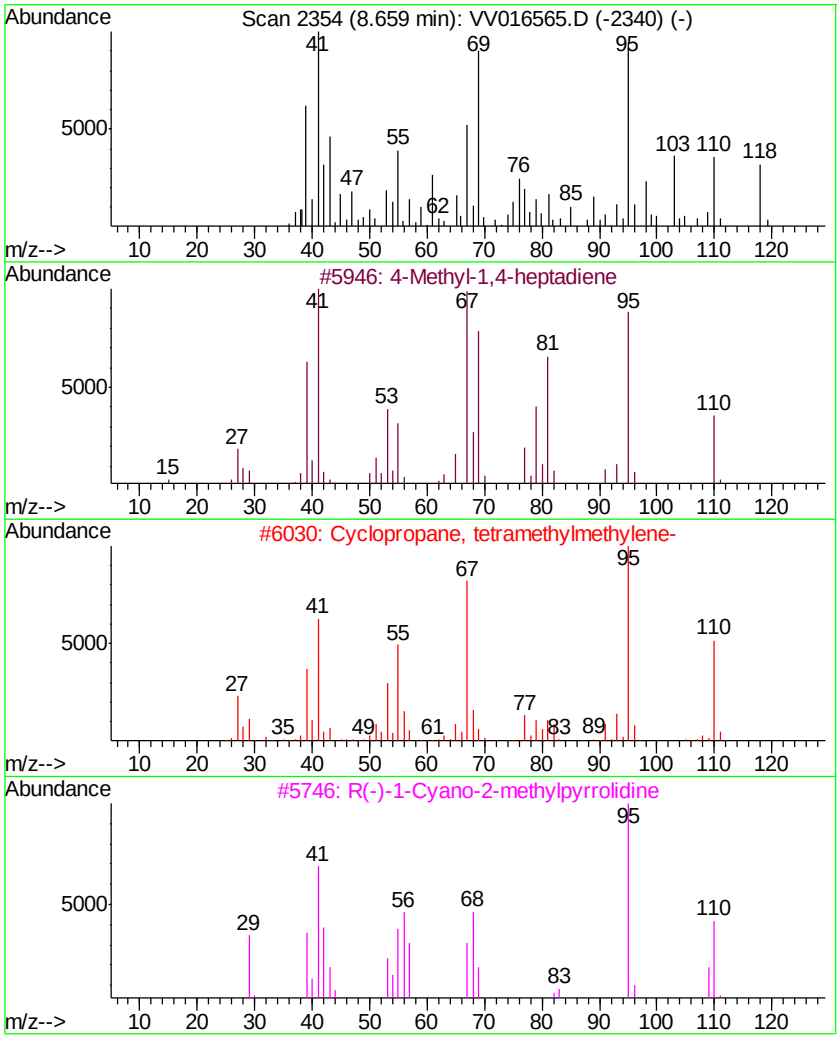
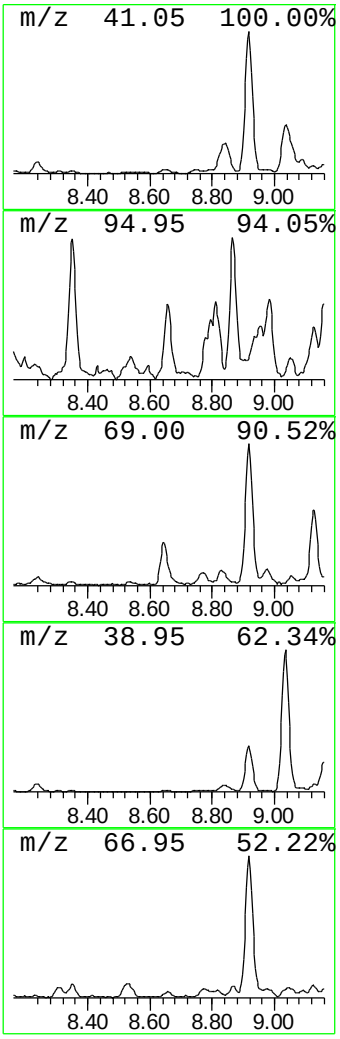
Peak Number 37 4-Methyl-1,4-heptadiene Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	3.56 ug/L	79180	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-1,4-heptadiene	110	C8H14	013857-55-1	55
2	Cyclopropane, tetramethylmethylene-	110	C8H14	054376-39-5	42
3	R(-)-1-Cyano-2-methylpyrrolidine	110	C6H10N2	1000145-01-8	42
4	Cyclobutene, 1,2,3,4-tetramethyl-	110	C8H14	090346-45-5	42
5	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	38





Library Search Compound Report

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Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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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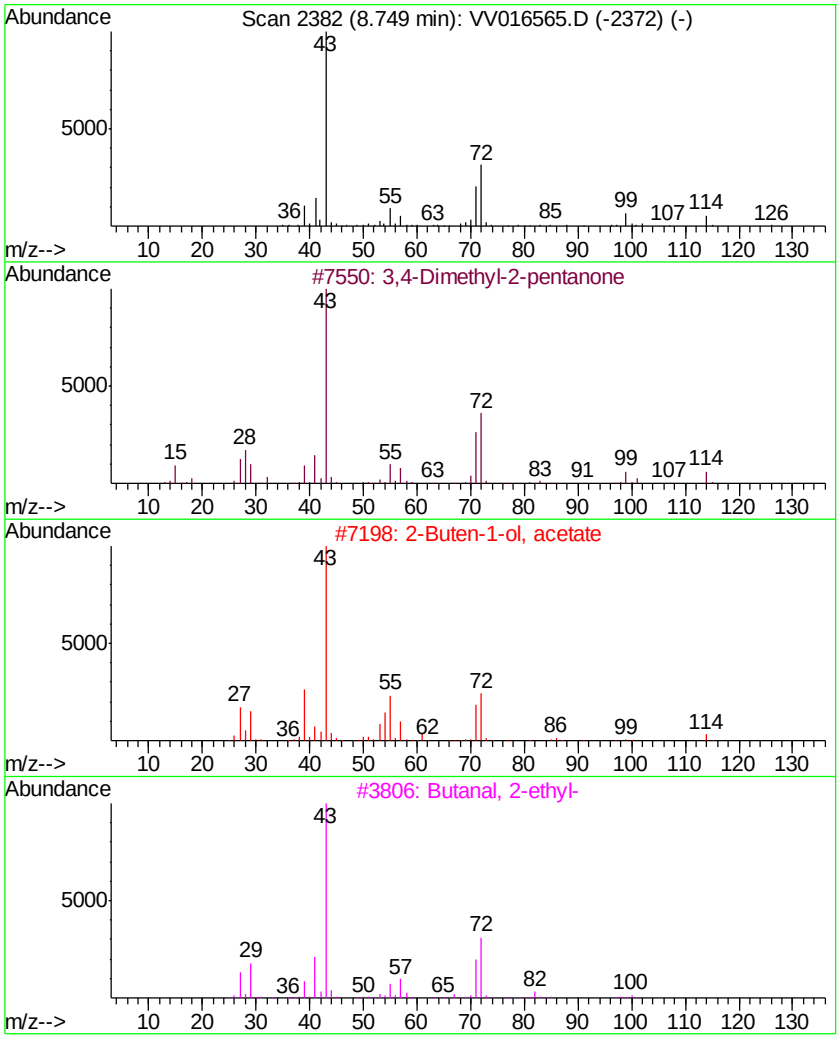
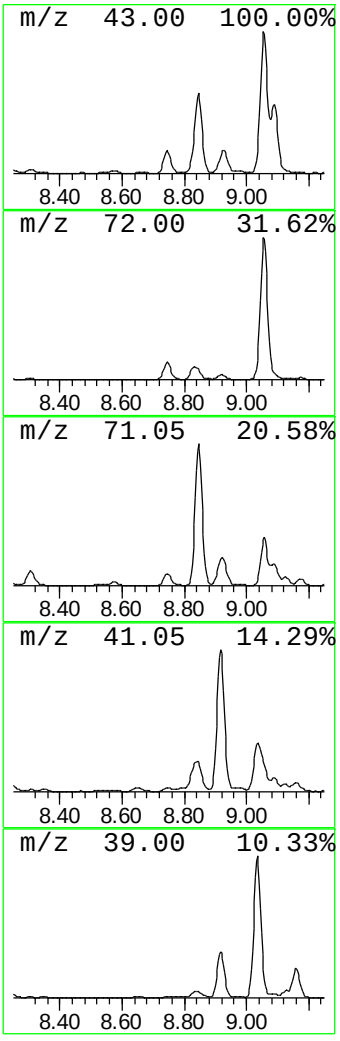
Peak Number 38 3,4-Dimethyl-2-pentanone Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	4.76 ug/L	105915	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethyl-2-pentanone	114	C7H14O	1000202-23-1	72
2	2-Buten-1-ol, acetate	114	C6H10O2	000628-08-0	45
3	Butanal, 2-ethyl-	100	C6H12O	000097-96-1	45
4	Butanal, 2-ethyl-	100	C6H12O	000097-96-1	45
5	Butanal, 2-ethyl-	100	C6H12O	000097-96-1	38





Library Search Compound Report

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Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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

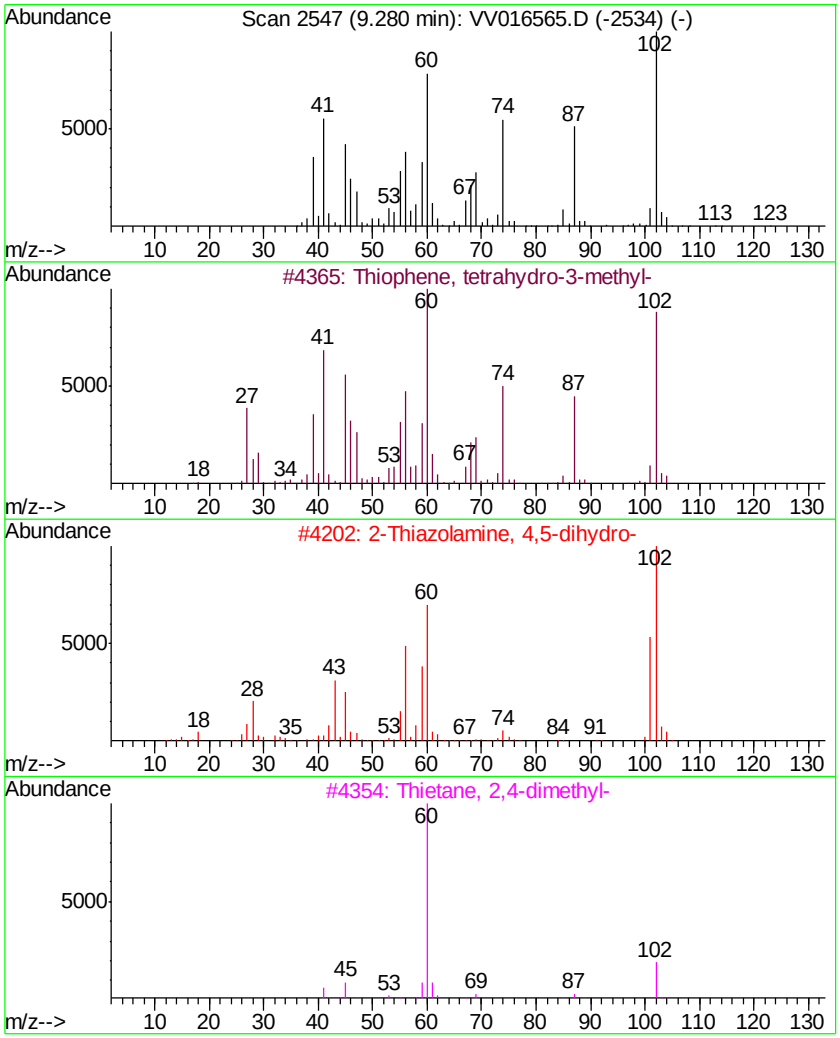
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

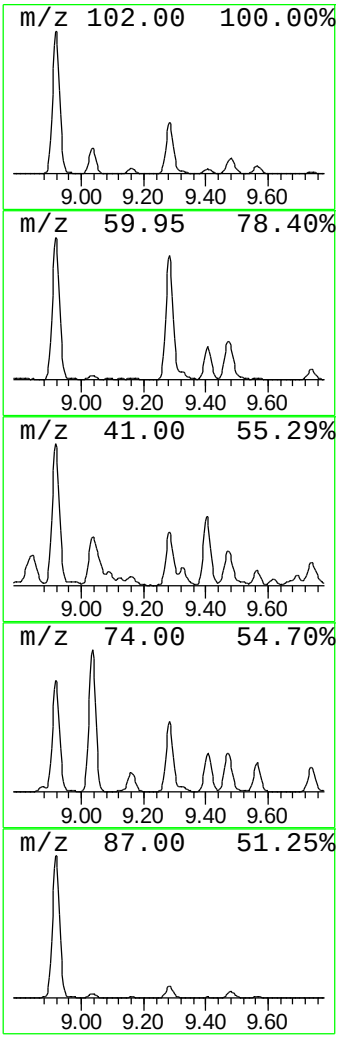
****

Peak Number 39 Thiophene, tetrahydro-3-met... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	56.01 ug/L	1245700	Chlorobenzene-d5	8.87

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





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Data File : VV016565.D
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Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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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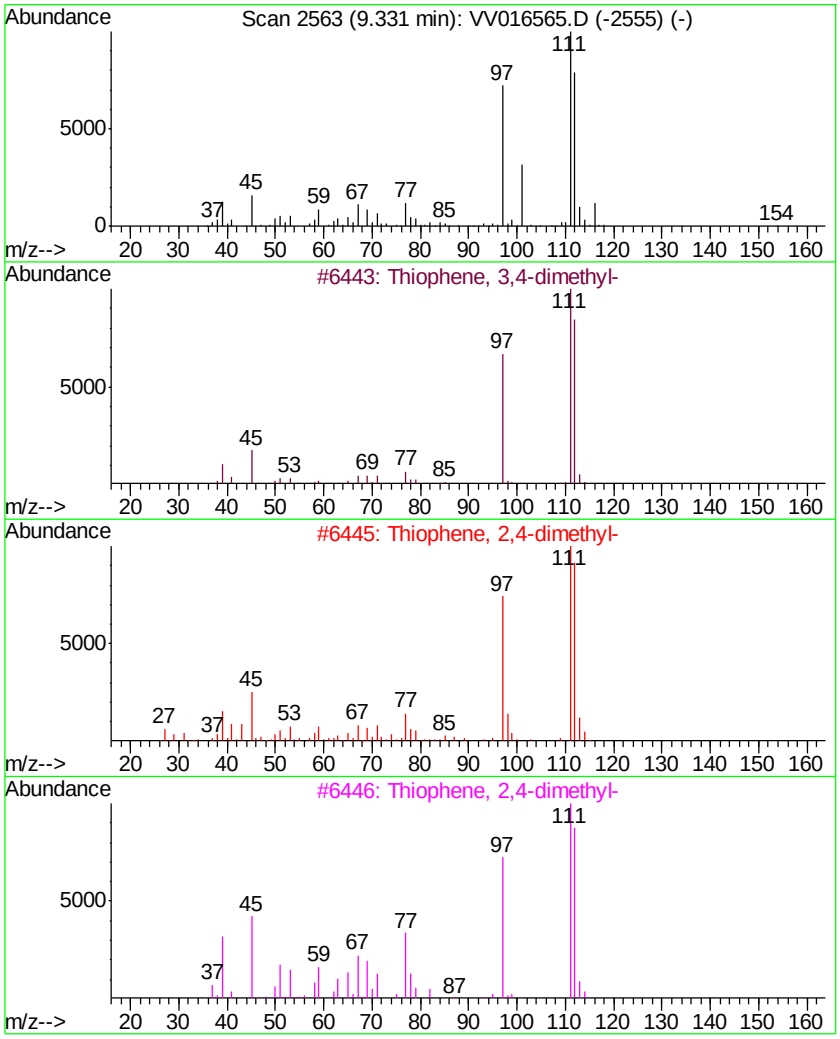
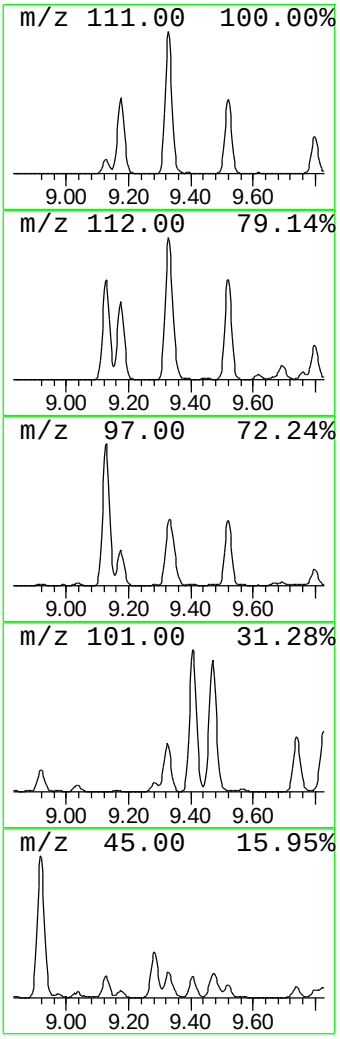
Peak Number 40 Thiophene, 3,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	45.17 ug/L	1004640	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 3,4-dimethyl-	112	C6H8S	000632-15-5	81
2	Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	74
3	Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	74
4	Thiophene, 3,4-dimethyl-	112	C6H8S	000632-15-5	74
5	Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	72





Library Search Compound Report

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Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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

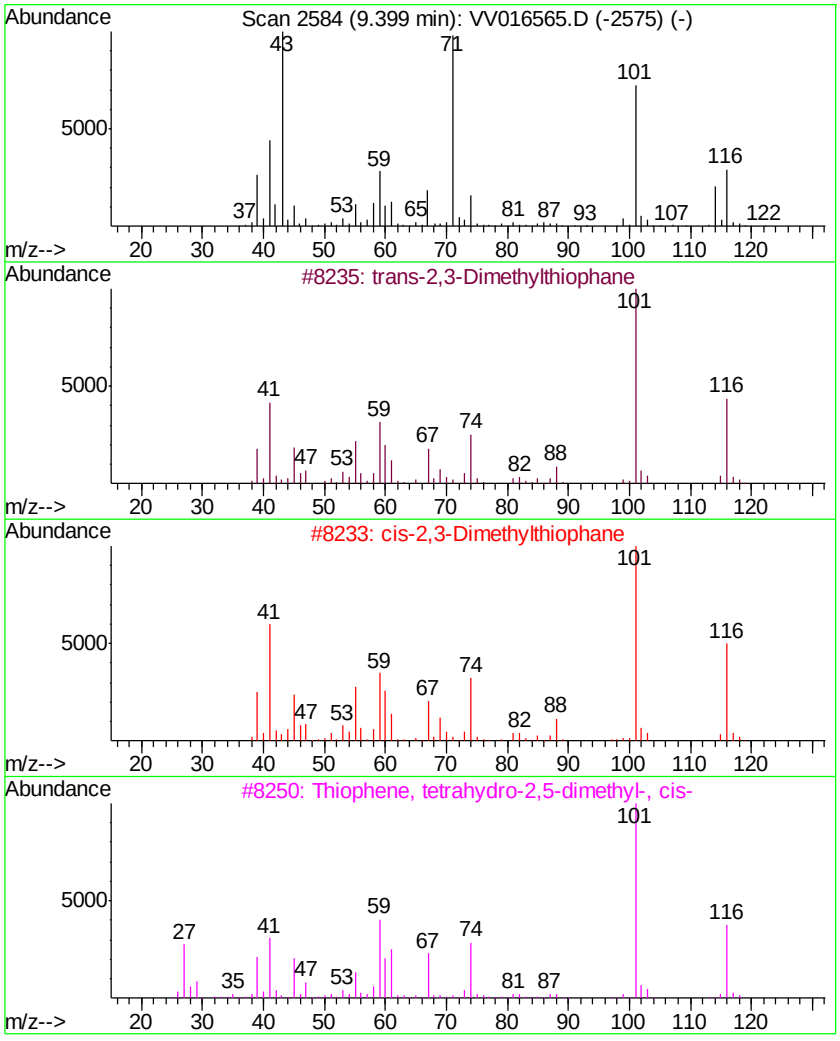
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

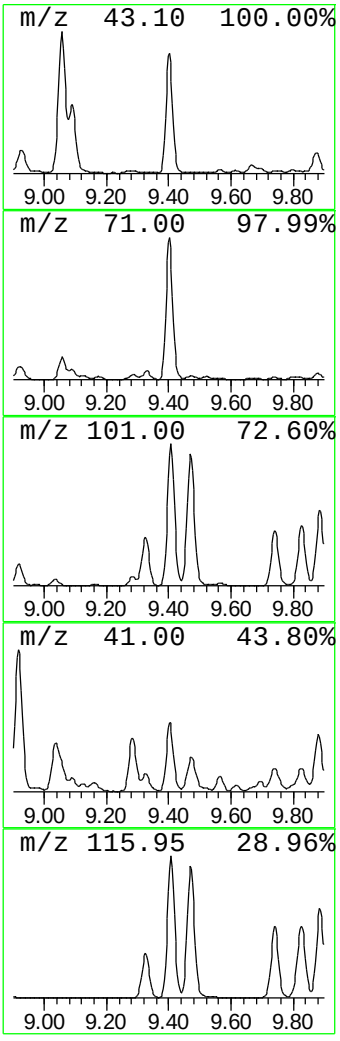
****

Peak Number 41 trans-2,3-Dimethylthiophane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	67.72 ug/L	1506190	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	78
2	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	60
3	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	60
4	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	53
5	Thiazole, 4,5-dihydro-4-methyl-2...	116	C4H8N2S	010416-81-6	30





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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

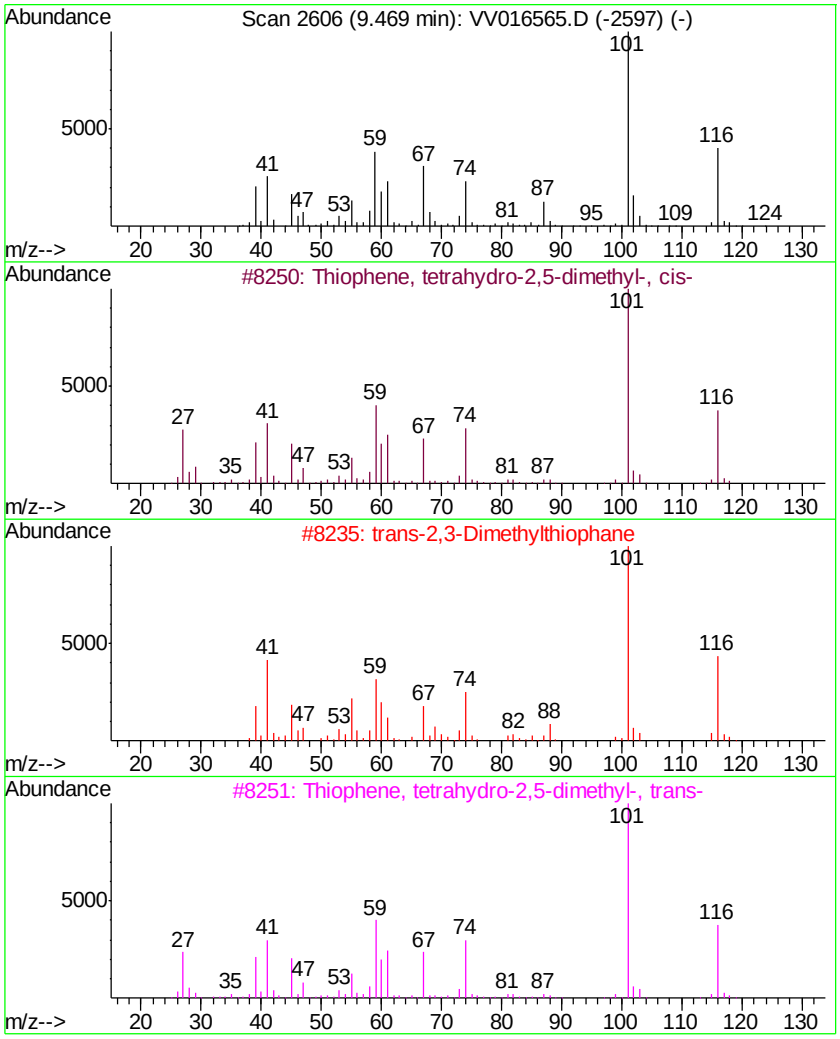
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

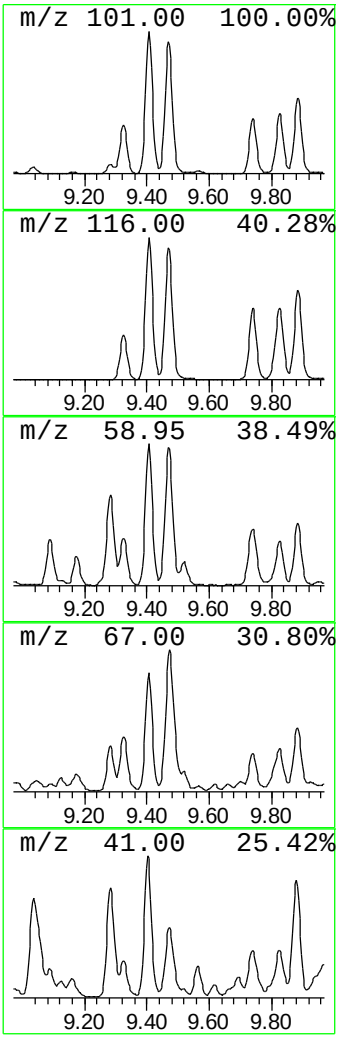
****

Peak Number 42 Thiophene, tetrahydro-2,5-d... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	48.79 ug/L	1085150	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	90
2	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	90
3	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	87
4	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	76
5	Allylthiourea	116	C4H8N2S	000109-57-9	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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

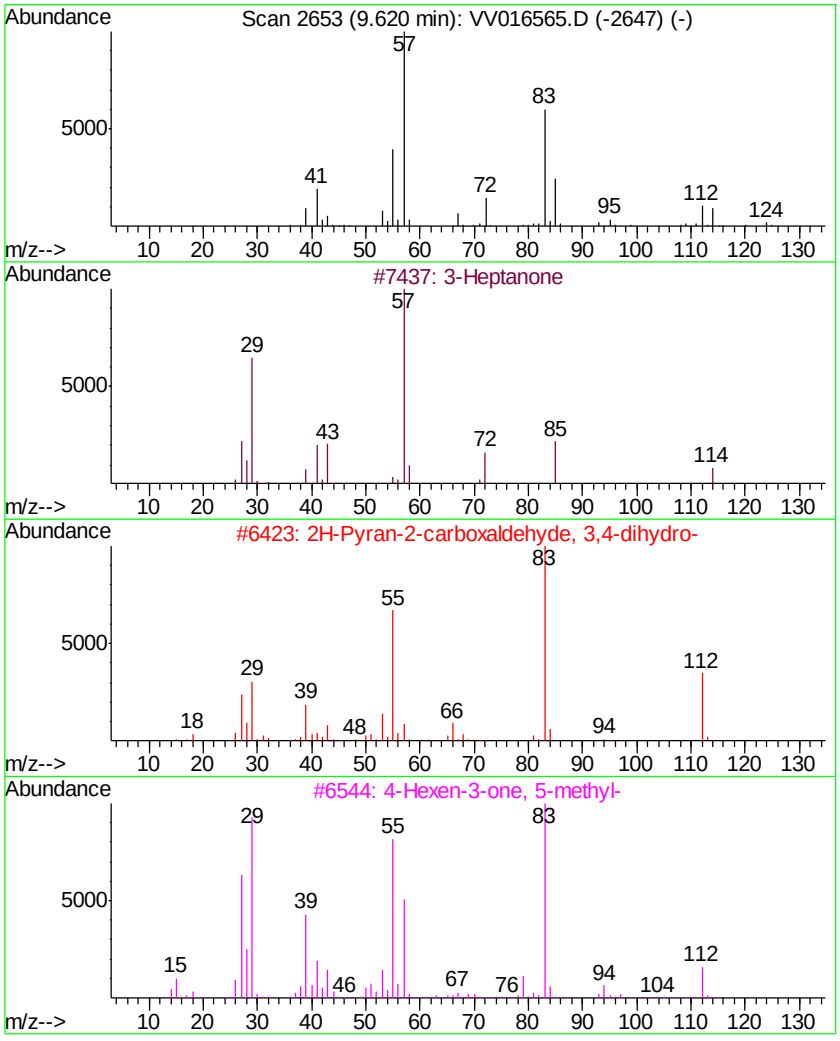
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

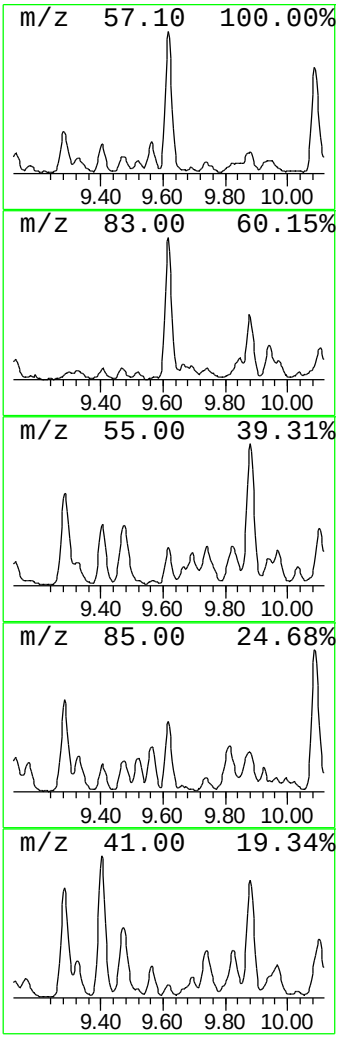
****

Peak Number 43 unknown-01 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	5.50 ug/L	122241	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanone	114	C7H14O	000106-35-4	43
2	2H-Pyran-2-carboxaldehyde, 3,4-d...	112	C6H8O2	000100-73-2	38
3	4-Hexen-3-one, 5-methyl-	112	C7H12O	013905-10-7	38
4	3-Heptanone	114	C7H14O	000106-35-4	35
5	3-Heptanone	114	C7H14O	000106-35-4	27





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

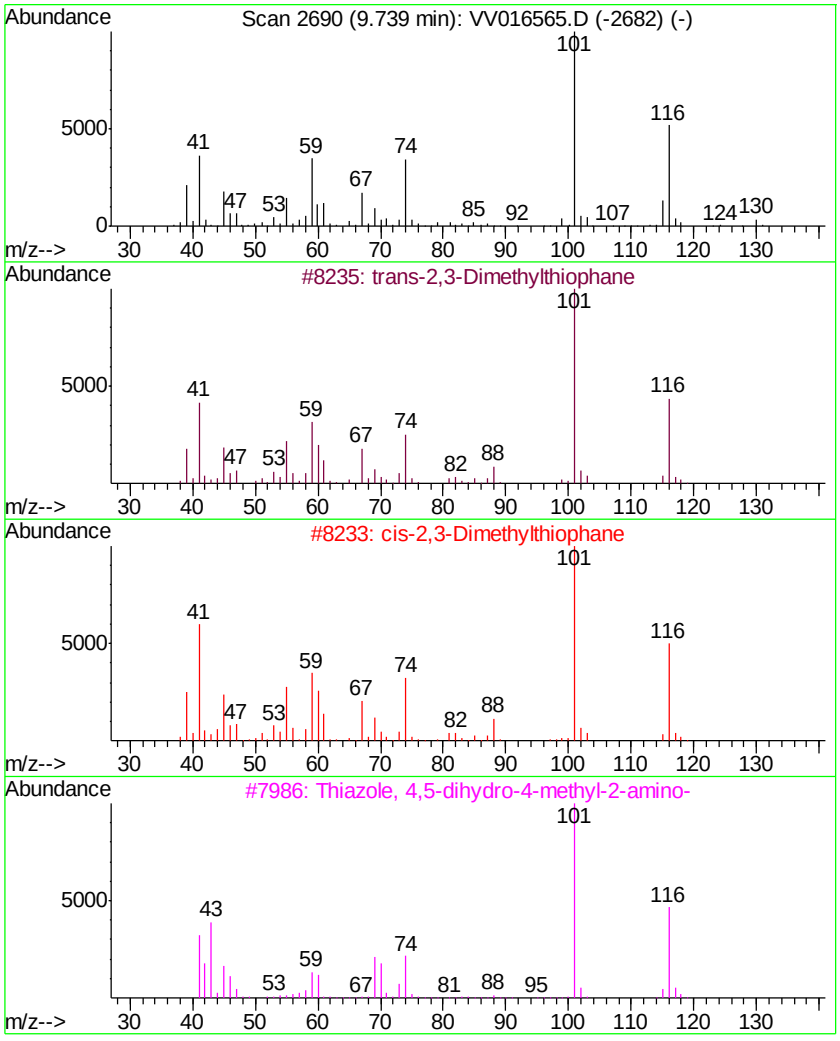
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

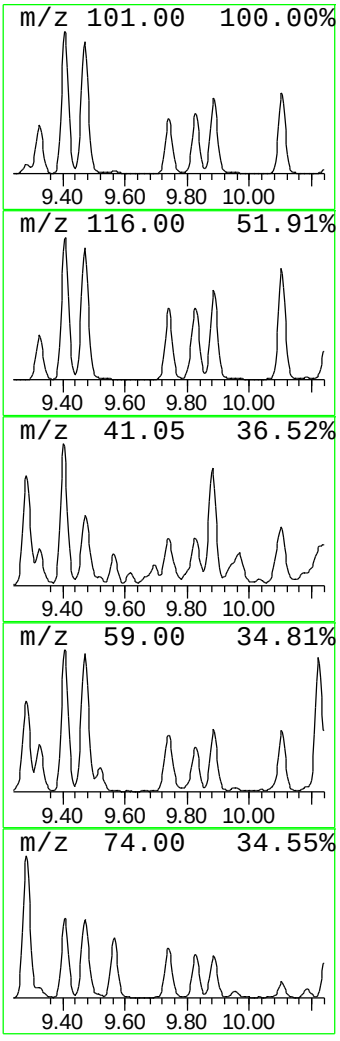
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 44 Thiazole, 4,5-dihydro-4-met... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	19.58 ug/L	435431	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	93
2	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	90
3	Thiazole, 4,5-dihydro-4-methyl-2...	116	C4H8N2S	010416-81-6	64
4	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	53
5	1,3,4-Thiadiazol-2-amine	101	C2H3N3S	004005-51-0	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

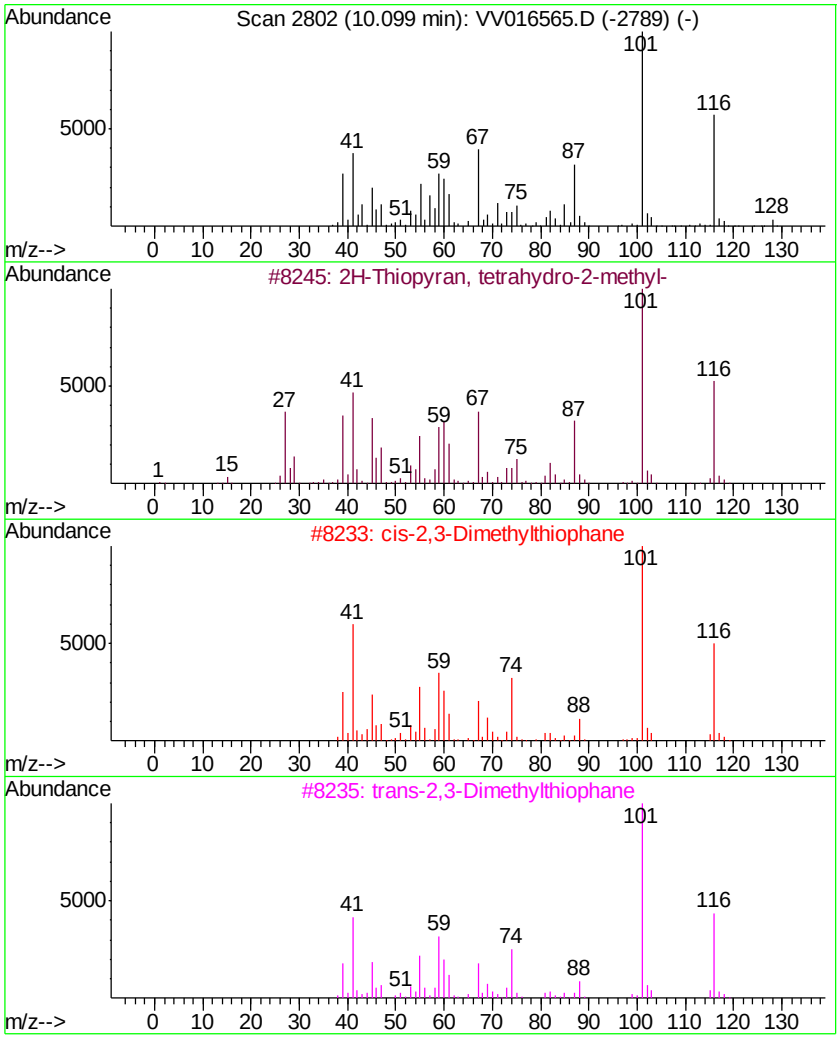
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

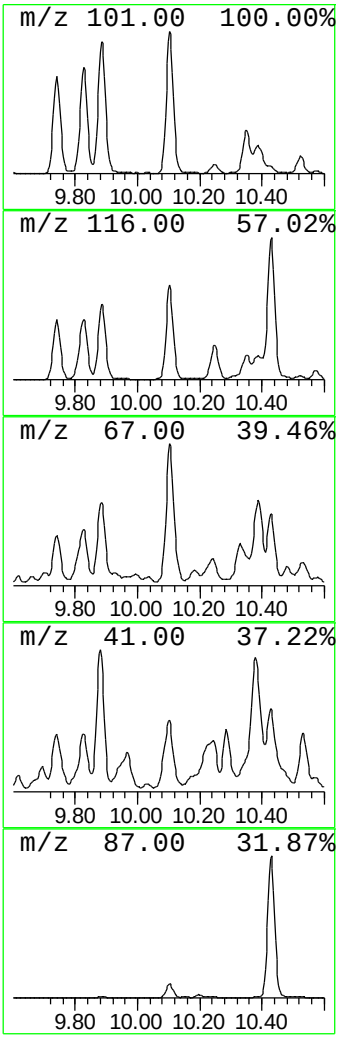
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 2H-Thiopyran, tetrahydro-2-... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	28.89 ug/L	851045	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	90
3	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	86
4	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	53
5	3H-1,2,4-Triazole-3-thione, 1,2-...	101	C2H3N3S	003179-31-5	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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

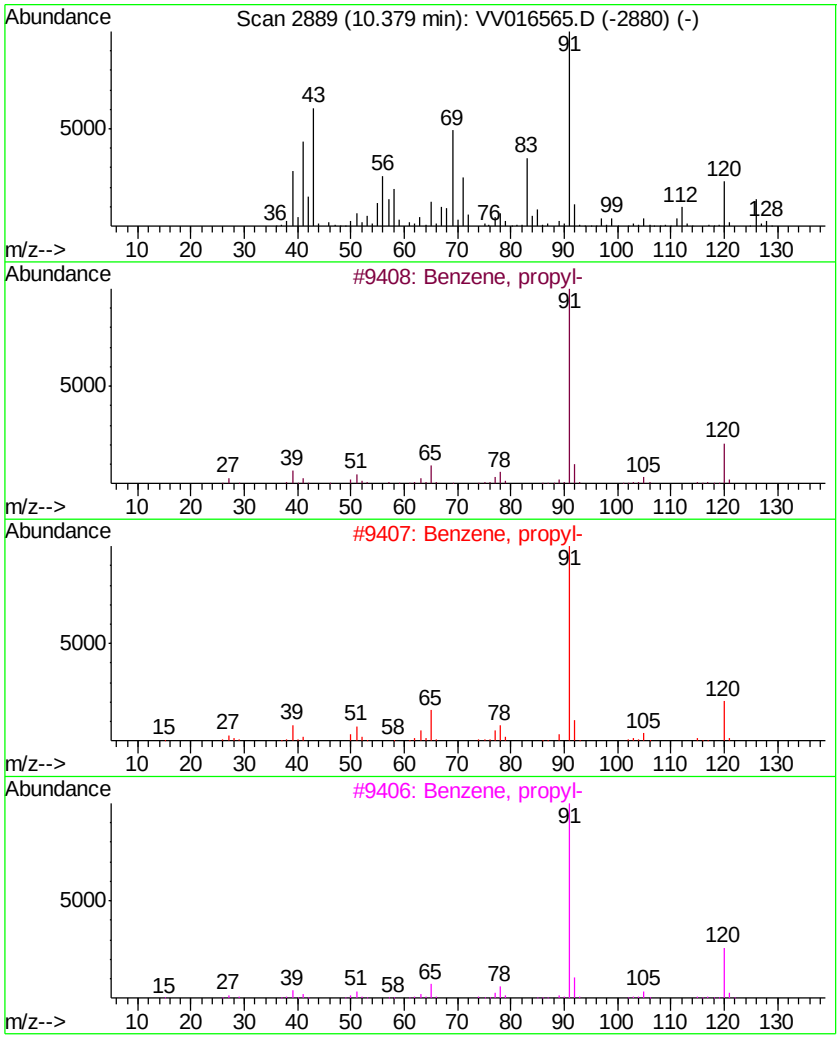
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

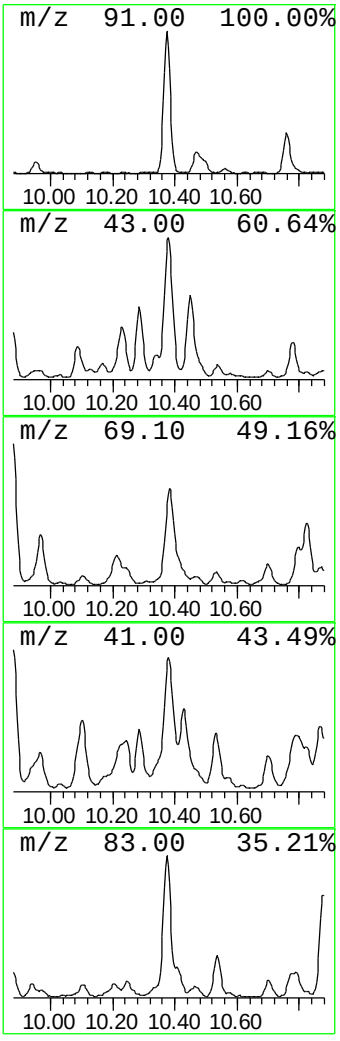
****

Peak Number 48 Benzene, propyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	31.97 ug/L	941825	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	35
2	Benzene, propyl-	120	C9H12	000103-65-1	35
3	Benzene, propyl-	120	C9H12	000103-65-1	18
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	14
5	Benzene, (ethenyloxy)-	120	C8H8O	000766-94-9	14





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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

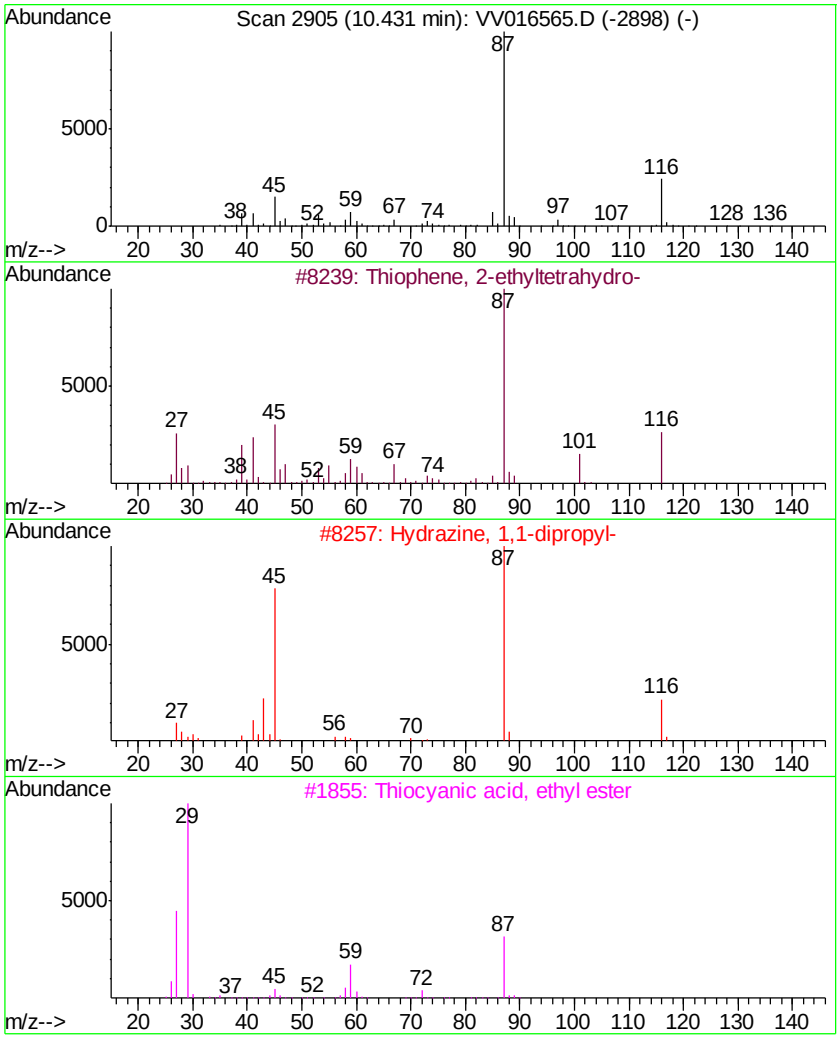
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

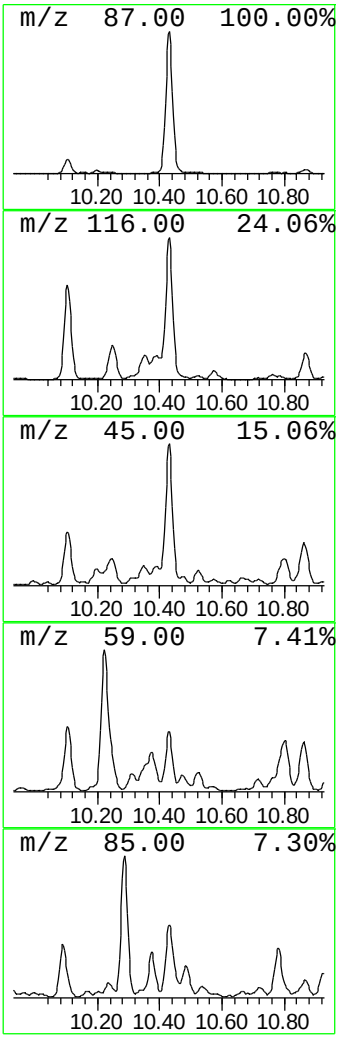
****

Peak Number 49 Thiophene, 2-ethyltetrahydro- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	26.62 ug/L	784279	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	50
4	Hydrazine, 1-ethyl-1-(1-methylpr...	116	C6H16N2	020325-97-7	45
5	Ethanol, 2,2'-[1,2-ethanediylbis...	234	C10H18O6	000111-21-7	36





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

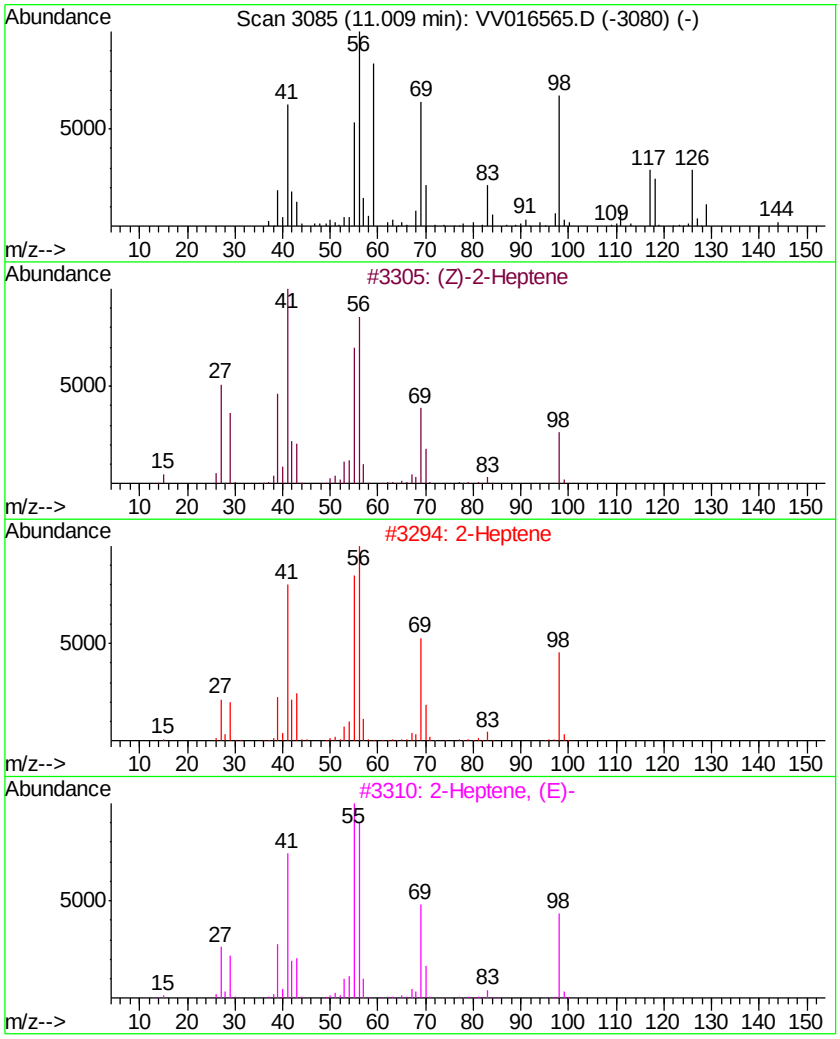
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

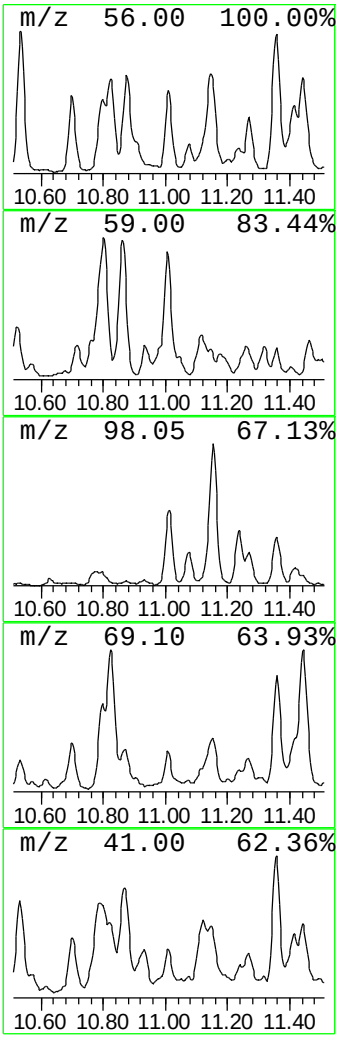
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	3.61 ug/L	106464	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-2-Heptene	98	C7H14	006443-92-1	38
2	2-Heptene	98	C7H14	000592-77-8	35
3	2-Heptene, (E)-	98	C7H14	014686-13-6	35
4	Cyclopentanone, 2,2,4-trimethyl-	126	C8H14O	028056-54-4	27
5	2-Methyl-2-hexyl methylphosphono...	196	C8H18FO2P	1000216-69-2	27





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

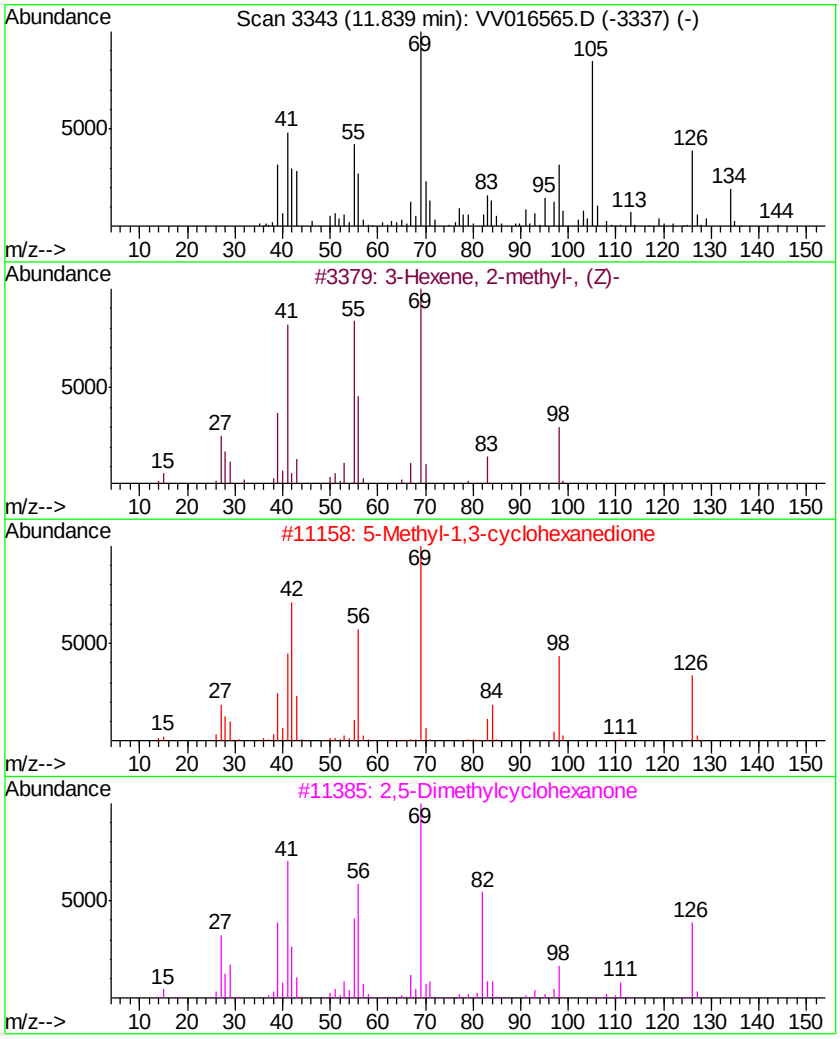
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

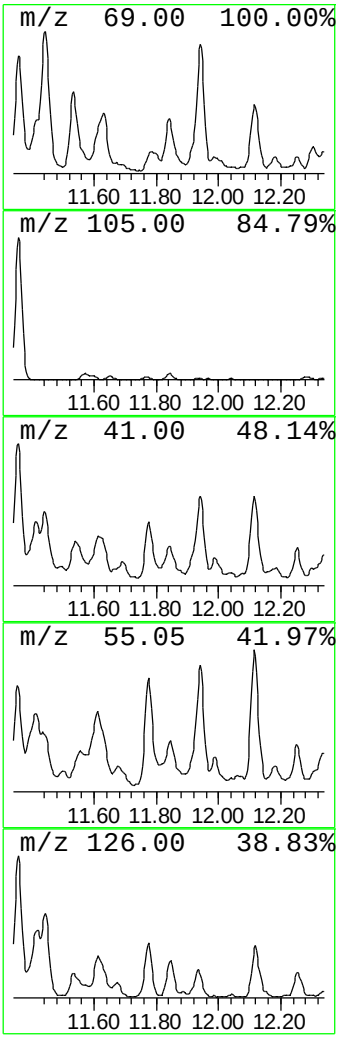
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	4.52 ug/L	133052	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	55
2	5-Methyl-1,3-cyclohexanedione	126	C7H10O2	004341-24-6	53
3	2,5-Dimethylcyclohexanone	126	C8H14O	000932-51-4	46
4	3-Hexene, 3-methyl-, (Z)-	98	C7H14	004914-89-0	43
5	3,4-Dimethyl cyclohexanone	126	C8H14O	005465-09-8	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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

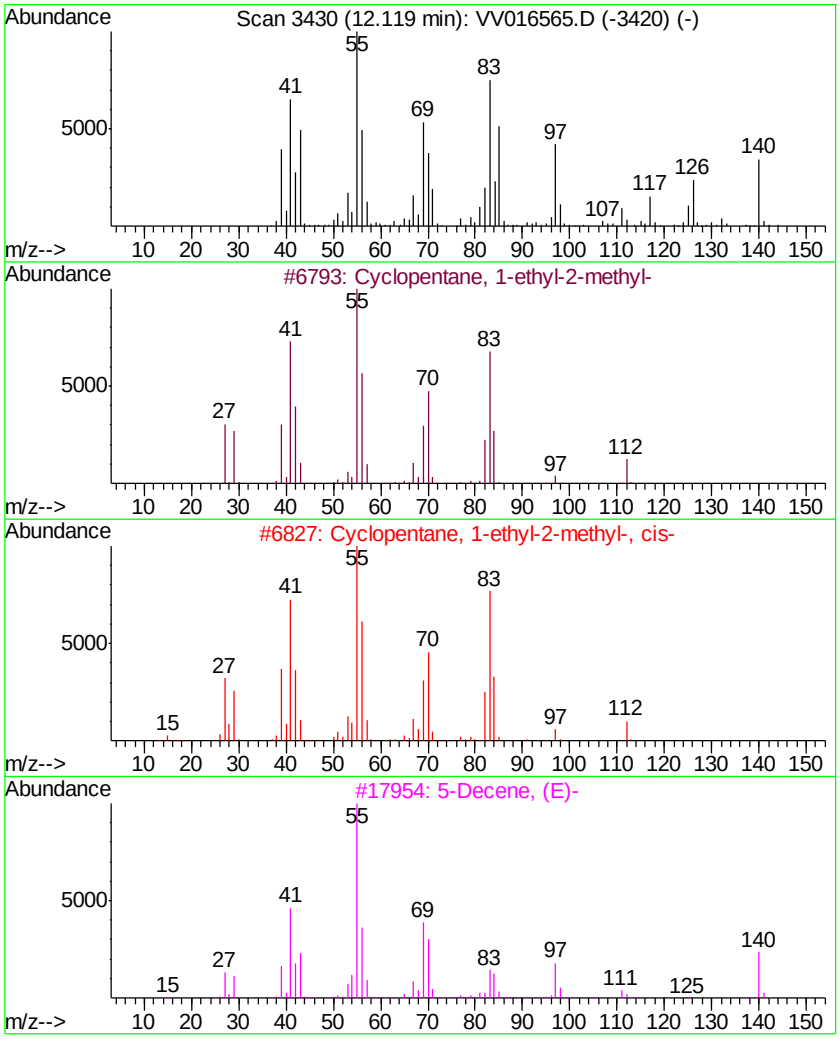
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

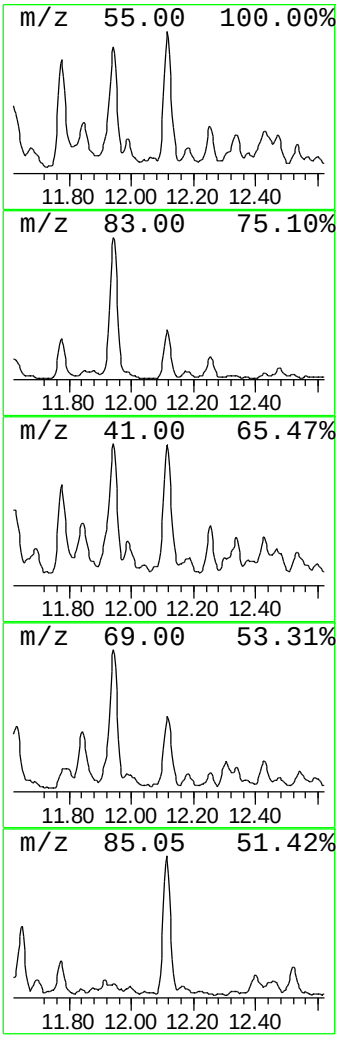
****

Peak Number 63 (DEL) Alkane: Cyclic12.12 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	19.99 ug/L	588841	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	55
2	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	55
3	5-Decene, (E)-	140	C10H20	007433-56-9	50
4	1,3-Cyclohexanedione, 4,4-dimethyl-	140	C8H12O2	000562-46-9	49
5	5-Decene	140	C10H20	019689-19-1	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D97

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	13.0	ug/L	237817	1	5.64	913766	50.0
(DEL) Alkane: Str...	1.22	36.7	ug/L	669968	1	5.64	913766	50.0
(DEL) Alkane: Str...	1.36	61.0	ug/L	1115190	1	5.64	913766	50.0
(DEL) Alkane: Str...	1.42	52.9	ug/L	967138	1	5.64	913766	50.0
(DEL) Alkane: Str...	1.62	114.2	ug/L	2087080	1	5.64	913766	50.0
(DEL) Alkane: Cyc...	1.77	60.1	ug/L	1099140	1	5.64	913766	50.0
(DEL) Alkane: Str...	1.81	27.5	ug/L	502361	1	5.64	913766	50.0
(DEL) Alkane: Str...	1.90	60.7	ug/L	1108930	1	5.64	913766	50.0
(DEL) Alkane: Str...	1.99	38.0	ug/L	694542	1	5.64	913766	50.0
(DEL) Alkane: Cyc...	2.03	34.8	ug/L	636313	1	5.64	913766	50.0
(DEL) Alkane: Str...	2.45	5.8	ug/L	106390	1	5.64	913766	50.0
Cyclopentene	2.49	88.1	ug/L	1609730	1	5.64	913766	50.0
(DEL) Alkane: Cyc...	2.59	119.2	ug/L	2178740	1	5.64	913766	50.0
(DEL) Alkane: Str...	2.77	7.2	ug/L	130964	1	5.64	913766	50.0
(DEL) Alkane: Str...	2.96	6.3	ug/L	114786	1	5.64	913766	50.0
(DEL) Alkane: Str...	3.24	6.9	ug/L	126085	1	5.64	913766	50.0
Cyclopentene, 3-m...	3.45	23.6	ug/L	430812	1	5.64	913766	50.0
1,4-Hexadiene, (Z)-	3.52	8.5	ug/L	154881	1	5.64	913766	50.0
Propyl mercaptan	3.70	6.9	ug/L	125984	1	5.64	913766	50.0
(DEL) Alkane: Cyc...	3.78	45.4	ug/L	829478	1	5.64	913766	50.0
Cyclopentene, 1-m...	4.48	4.3	ug/L	79148	1	5.64	913766	50.0
Cyclobutane, ethe...	5.25	69.3	ug/L	1265700	1	5.64	913766	50.0
Thiophene	5.39	112.5	ug/L	2055310	1	5.64	913766	50.0
2-Pentanone	5.55	7.5	ug/L	136831	1	5.64	913766	50.0
Diethyl sulfide	5.97	12.0	ug/L	219161	1	5.64	913766	50.0
3-Pentanone	6.35	7.3	ug/L	133187	1	5.64	913766	50.0
Cyclohexene, 4-me...	6.59	9.5	ug/L	173508	1	5.64	913766	50.0
Cyclobutane, (1-m...	6.83	8.9	ug/L	163156	1	5.64	913766	50.0
2-Pentanol, 2-met...	7.16	4.7	ug/L	85327	1	5.64	913766	50.0
2-Pentanone, 3-me...	7.49	19.2	ug/L	427607	2	8.87	1112030	50.0
Thiophene, 2-methyl-	7.54	47.0	ug/L	1046170	2	8.87	1112030	50.0
Thiophene, 3-methyl-	7.72	25.7	ug/L	571659	2	8.87	1112030	50.0
1,4-Pentadiene, 2...	7.87	7.9	ug/L	175201	2	8.87	1112030	50.0
3-Hexanone	8.02	29.9	ug/L	665238	2	8.87	1112030	50.0
Thiophene, tetrah...	8.24	40.6	ug/L	903998	2	8.87	1112030	50.0
4-Methyl-1,4-hept...	8.66	3.6	ug/L	79180	2	8.87	1112030	50.0
3,4-Dimethyl-2-pe...	8.75	4.8	ug/L	105915	2	8.87	1112030	50.0
Thiophene, tetrah...	9.28	56.0	ug/L	1245700	2	8.87	1112030	50.0
Thiophene, 3,4-di...	9.33	45.2	ug/L	1004640	2	8.87	1112030	50.0
trans-2,3-Dimethy...	9.40	67.7	ug/L	1506190	2	8.87	1112030	50.0
Thiophene, tetrah...	9.47	48.8	ug/L	1085150	2	8.87	1112030	50.0
unknown-01	9.62	5.5	ug/L	122241	2	8.87	1112030	50.0
Thiazole, 4,5-dih...	9.74	19.6	ug/L	435431	2	8.87	1112030	50.0
2H-Thiopyran, tet...	10.10	28.9	ug/L	851045	3	11.27	1472990	50.0
Benzene, propyl-	10.38	32.0	ug/L	941825	3	11.27	1472990	50.0
Thiophene, 2-ethy...	10.43	26.6	ug/L	784279	3	11.27	1472990	50.0
(DEL) Alkane: Str...	11.01	3.6	ug/L	106464	3	11.27	1472990	50.0
(DEL) Alkane: Str...	11.84	4.5	ug/L	133052	3	11.27	1472990	50.0
(DEL) Alkane: Cyc...	12.12	20.0	ug/L	588841	3	11.27	1472990	50.0