LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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	1.312	60	69	78	rBV3	694165	854416	0.32%	0.194%
2	1.364	78	85	96	rVB	348076	338225	0.13%	0.077%
3	1.422	96	103	110	rBV	329933	295690	0.11%	0.067%
4	1.553	135	144	157	rVV2	157642	256789	0.10%	0.058%
5	1.624	158	166	182	rVB	215920	282776	0.11%	0.064%
6	1.766	201	210	217	rBV	245114	308426	0.12%	0.070%
7	1.807	217	223	235	rVB	196190	260980	0.10%	0.059%
8	1.904	241	253	268	rVV	422347	546409	0.21%	0.124%
9	1.987	270	279	286	rVV	242954	333797	0.13%	0.076%
10	2.032	286	293	308	rVV2	232222	360513	0.14%	0.082%
11	2.116	308	319	330	rVV	312263	468914	0.18%	0.106%
12	2.489	411	435	455	rBV	774769	1410251	0.53%	0.319%
13	2.589	455	466	480	rVV	507167	949823	0.36%	0.215%
14	3.454	720	735	749	rBV3	91034	232914	0.09%	0.053%
15	3.785	823	838	845	rBV2	164349	390564	0.15%	0.088%
16	3.901	864	874	903	rVB	119658	317783	0.12%	0.072%
17	4.373	1003	1021	1041	rBV	247909	611430	0.23%	0.138%
18	4.704	1101	1124	1144	rBV	329740	840482	0.32%	0.190%
19	5.171	1218	1269	1284	rBV3	76698336	264305011	100.00%	59.862%
20	5.254	1288	1295	1311	rVV	520841	1135726	0.43%	0.257%
21	5.341	1313	1322	1326	rVV4	126019	239138	0.09%	0.054%
22	5.389	1327	1337	1359	rVB	667997	1394108	0.53%	0.316%
23	5.547	1375	1386	1403	rVB2	89199	185893	0.07%	0.042%
24	5.643	1403	1416	1436	rBV	520168	1020105	0.39%	0.231%
25	5.968	1494	1517	1535	rBV	225731	461867	0.17%	0.105%
26	6.093	1536	1556	1568	rVV	342260	734494	0.28%	0.166%
27	6.158	1568	1576	1581	rVV3	83292	164887	0.06%	0.037%
28	6.200	1582	1589	1601	rVV2	127305	253777	0.10%	0.057%
29	6.354	1628	1637	1666	rVV	79267	184843	0.07%	0.042%
30	7.010	1825	1841	1861	rBV2	378248	725940	0.27%	0.164%
31	7.248	1905	1915	1930	rVB	392365	680571	0.26%	0.154%
32	7.338	1931	1943	1952	rBV	723478	1261581	0.48%	0.286%
33	7.412	1952	1966	1980	rVV	17845595	31911064	12.07%	7.228%
34	7.489	1980	1990	1997	rVV	356839	613569	0.23%	0.139%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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	7.544	1997	2007	2020	rVB	1489972	2517867	0.95%	0.570%
36	7.643	2031	2038	2049	rVB	130539	212303	0.08%	0.048%
37	7.717	2050	2061	2072	rBV	830642	1373476	0.52%	0.311%
38	7.871	2097	2109	2128	rVB4	155708	358350	0.14%	0.081%
39	8.019	2144	2155	2171	rBV	964955	1567643	0.59%	0.355%
40	8.106	2172	2182	2192	rVV2	536307	914577	0.35%	0.207%
41	8.161	2192	2199	2211	rVV	255652	437829	0.17%	0.099%
42	8.235	2211	2222	2236	rVV4	262742	529493	0.20%	0.120%
43	8.656	2341	2353	2364	rBV7	60967	138545	0.05%	0.031%
44	8.746	2372	2381	2388	rBV	157463	261730	0.10%	0.059%
45	8.846	2397	2412	2417	rBV2	1152662	2384537	0.90%	0.540%
46	8.916	2426	2434	2448	rVB2	3754366	6241775	2.36%	1.414%
47	9.035	2459	2471	2484	rBV	11770772	19810006	7.50%	4.487%
48	9.090	2484	2488	2494	rVV	672901	947053	0.36%	0.214%
49	9.129	2494	2500	2501	rVV2	609477	667391	0.25%	0.151%
50	9.161	2502	2510	2529	rVB	4478180	7643287	2.89%	1.731%
51	9.283	2530	2548	2555	rBV3	1008531	2206325	0.83%	0.500%
52	9.328	2555	2562	2575	rVB3	829350	1456300	0.55%	0.330%
53	9.402	2575	2585	2597	rBV2	3526198	5456231	2.06%	1.236%
54	9.473	2597	2607	2616	rBV3	1202931	2135778	0.81%	0.484%
55	9.521	2616	2622	2627	rVV	392856	539519	0.20%	0.122%
56	9.566	2627	2636	2645	rVV	5576683	8616004	3.26%	1.951%
57	9.617	2645	2652	2664	rVB	2997745	4375996	1.66%	0.991%
58	9.695	2667	2676	2683	rBV3	403963	669936	0.25%	0.152%
59	9.740	2683	2690	2701	rVB3	441229	696515	0.26%	0.158%
60	9.826	2711	2717	2725	rVB2	497229	769652	0.29%	0.174%
61	9.881	2725	2734	2745	rVB3	1808373	2918257	1.10%	0.661%
62	9.961	2745	2759	2773	rVB3	557638	1382987	0.52%	0.313%
63	10.093	2788	2800	2815	rBV3	1337255	2908202	1.10%	0.659%
64	10.167	2816	2823	2829	rBV2	262049	422806	0.16%	0.096%
65	10.238	2833	2845	2853	rVB8	985458	1996512	0.76%	0.452%
66	10.286	2853	2860	2871	rVB	988477	1349993	0.51%	0.306%
67	10.379	2873	2889	2898	rBV6	1698330	3416441	1.29%	0.774%
68	10.431	2898	2905	2912	rVB	931920	1243464	0.47%	0.282%
69	10.537	2930	2938	2950	rVB5	841371	1403925	0.53%	0.318%
70	10.601	2950	2958	2970	rVB	1027417	1596953	0.60%	0.362%
71	10.672	2973	2980	2982	rBV3	119673	144030	0.05%	0.033%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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	10.704	2983	2990	2999	rVB5	377637	640971	0.24%	0.145%
73	10.778	2999	3013	3032	rBV4	1653365	4317740	1.63%	0.978%
74	10.868	3033	3041	3050	rVV4	745904	1286790	0.49%	0.291%
75	10.936	3051	3062	3076	rVV2	1007078	2540748	0.96%	0.575%
76	11.006	3077	3084	3094	rVB2	758837	1140828	0.43%	0.258%
77	11.119	3109	3119	3125	rBV4	784919	1624399	0.61%	0.368%
78	11.270	3159	3166	3177	rVB	988257	1546372	0.59%	0.350%
79	11.357	3183	3193	3202	rBV3	2035023	3264300	1.24%	0.739%
80	11.415	3204	3211	3233	rVB7	636913	1892680	0.72%	0.429%
81	11.550	3241	3253	3262	rBV6	714954	1536290	0.58%	0.348%
82	11.646	3278	3283	3294	rVB	704173	1061761	0.40%	0.240%
83	11.775	3313	3323	3338	rBV4	983084	2039180	0.77%	0.462%
84	11.846	3339	3345	3359	rVV7	377045	842866	0.32%	0.191%
85	11.939	3360	3374	3384	rVV3	1049747	2517912	0.95%	0.570%
86	11.990	3384	3390	3401	rVB4	373267	612251	0.23%	0.139%
87	12.116	3419	3429	3441	rBV3	962322	1663704	0.63%	0.377%
88	12.325	3483	3494	3504	rBV7	247811	608061	0.23%	0.138%
89	12.428	3518	3526	3534	rBV7	294644	481500	0.18%	0.109%
90	12.534	3552	3559	3573	rVB4	170803	367733	0.14%	0.083%
91	12.733	3614	3621	3633	rBV6	158044	297481	0.11%	0.067%
92	12.801	3634	3642	3650	rVB3	174821	268613	0.10%	0.061%
93	12.858	3654	3660	3668	rVV5	117205	173767	0.07%	0.039%
94	12.987	3690	3700	3715	rVB2	453267	805441	0.30%	0.182%
95	13.244	3771	3780	3785	rBV2	297462	456134	0.17%	0.103%
96	13.318	3796	3803	3821	rVB	213212	393292	0.15%	0.089%
97	13.460	3838	3847	3857	rBV	671341	1005962	0.38%	0.228%
98	13.524	3858	3867	3883	rVB	796968	1295760	0.49%	0.293%
99	13.617	3887	3896	3902	rBV	394587	637349	0.24%	0.144%
100	14.202	4071	4078	4089	rVB2	94811	156801	0.06%	0.036%

Sum of corrected areas: 441521130

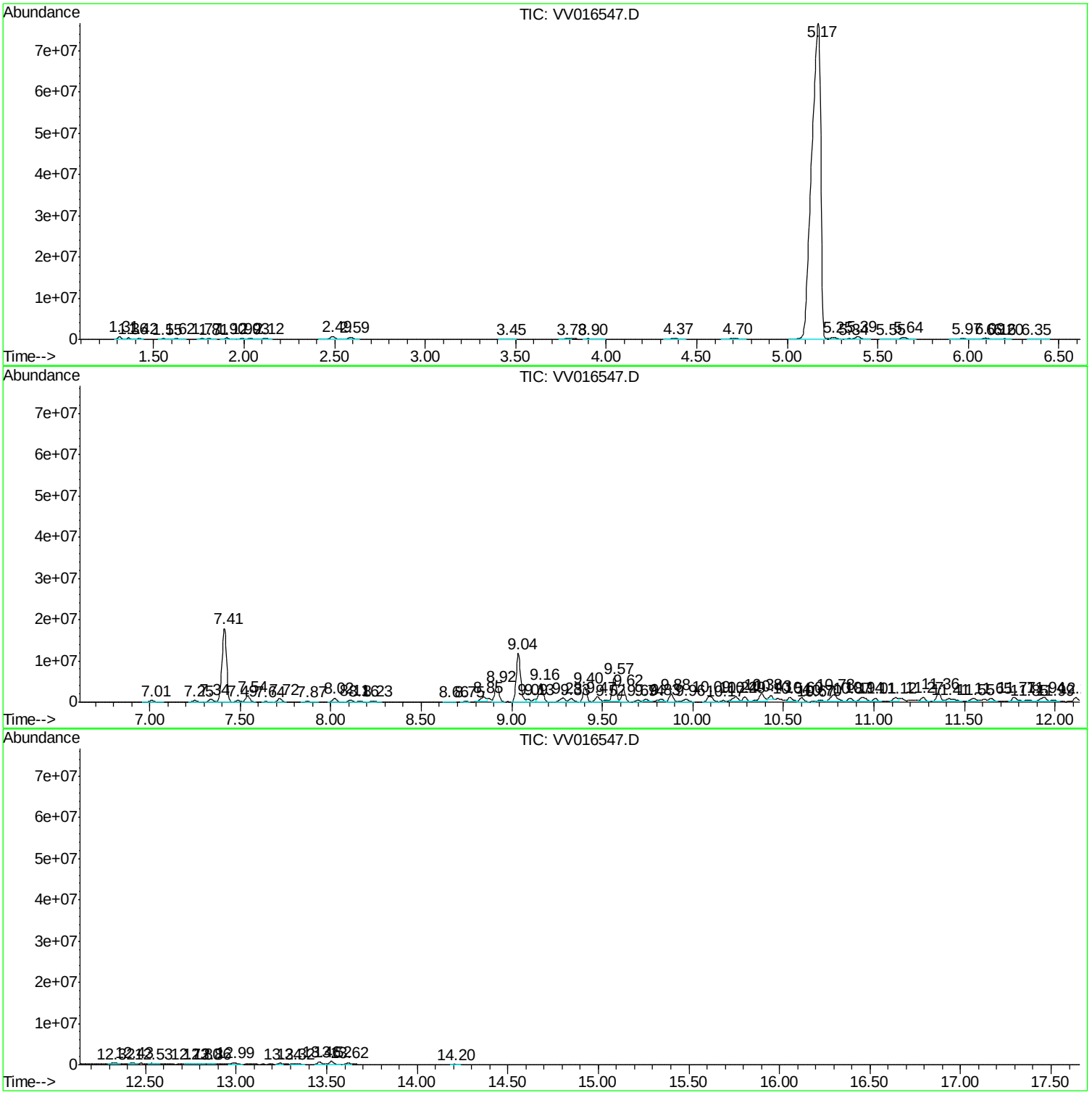
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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

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



Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

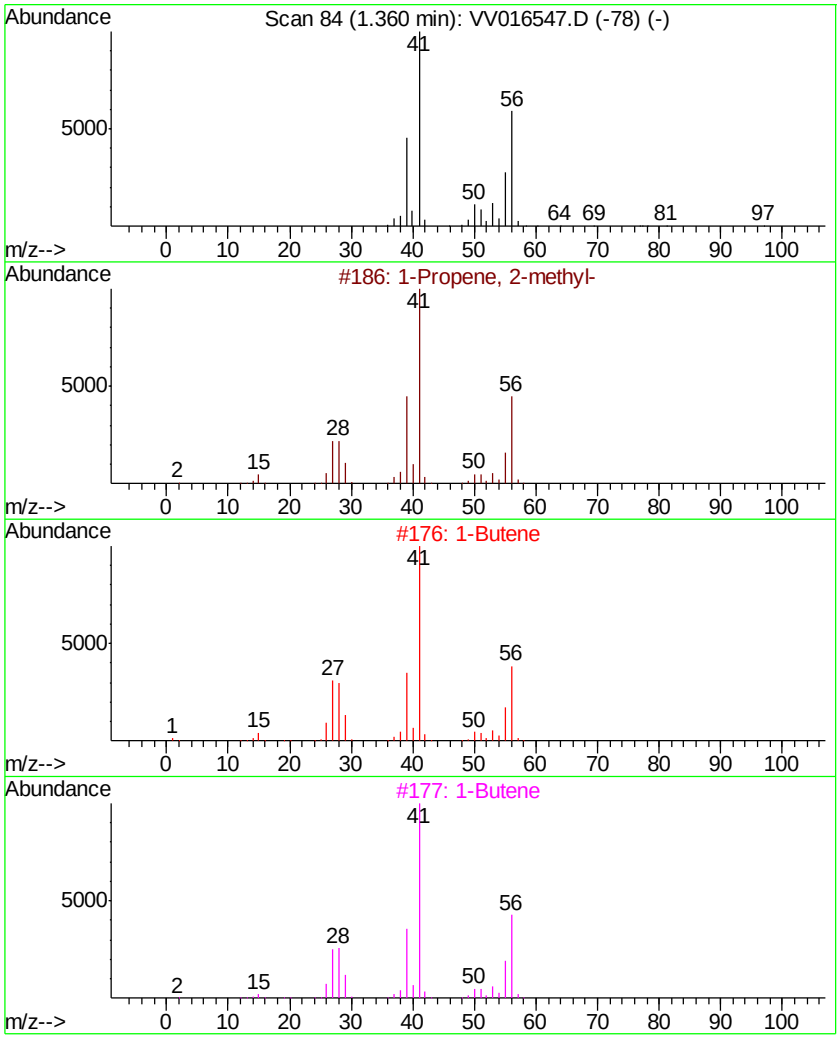
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

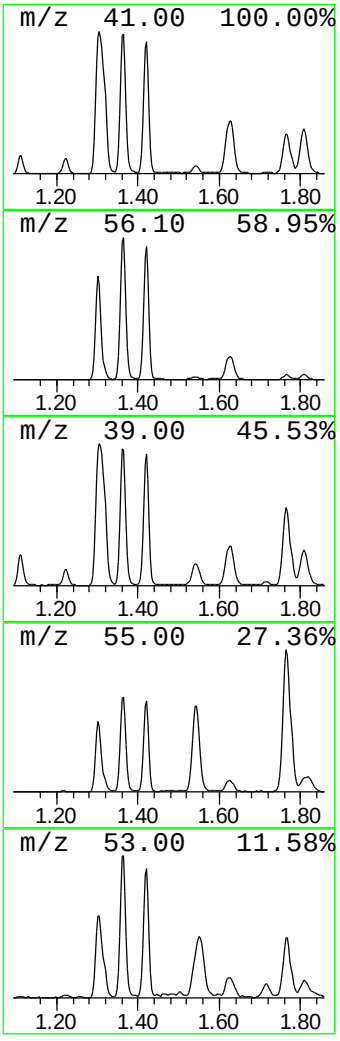
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.36	16.58 ug/L	338225	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-Butene	56	C4H8	000106-98-9	86
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	80
5	2-Butene, (Z)-	56	C4H8	000590-18-1	74





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

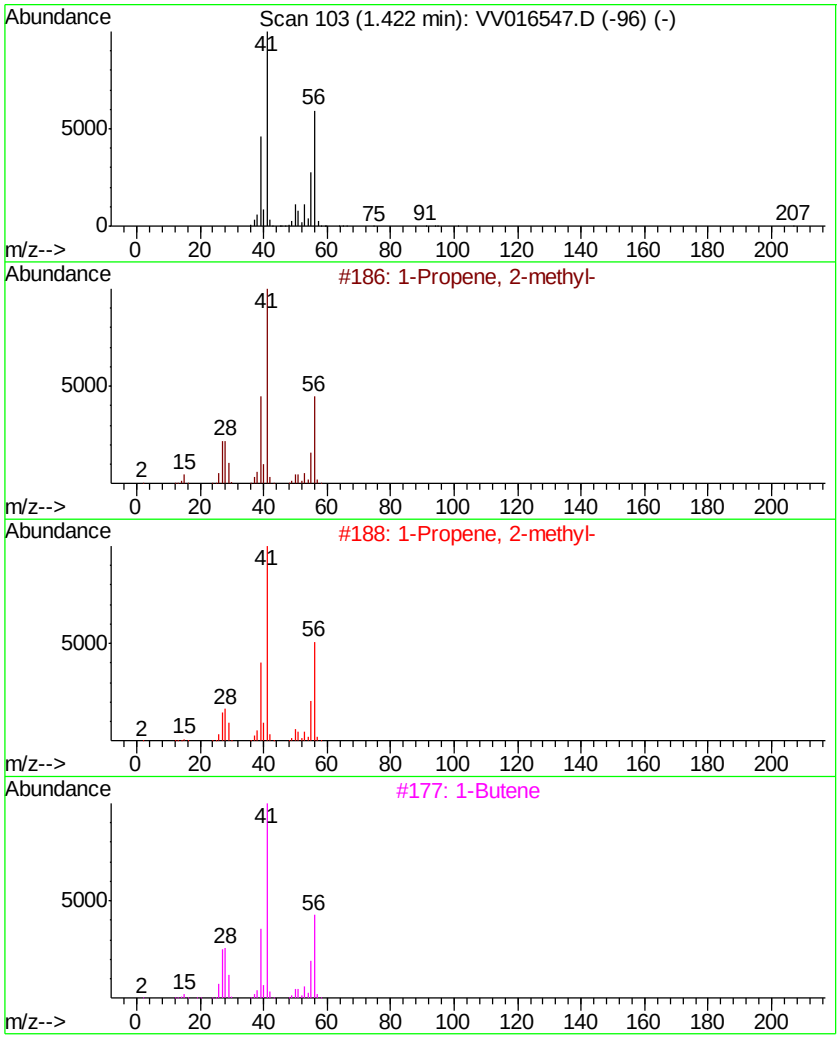
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

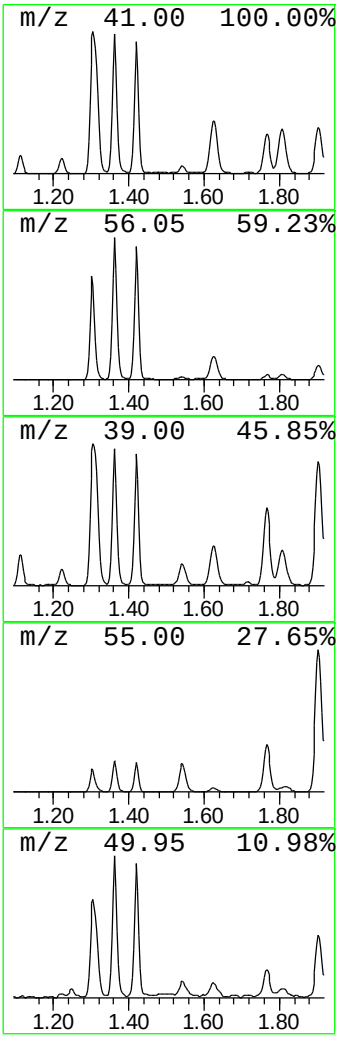
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.42	14.49 ug/L	295690	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-Propene, 2-methyl-	56	C4H8	000115-11-7	87
3	1-Butene	56	C4H8	000106-98-9	86
4	2-Butene, (Z)-	56	C4H8	000590-18-1	74
5	2-Butene, (Z)-	56	C4H8	000590-18-1	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

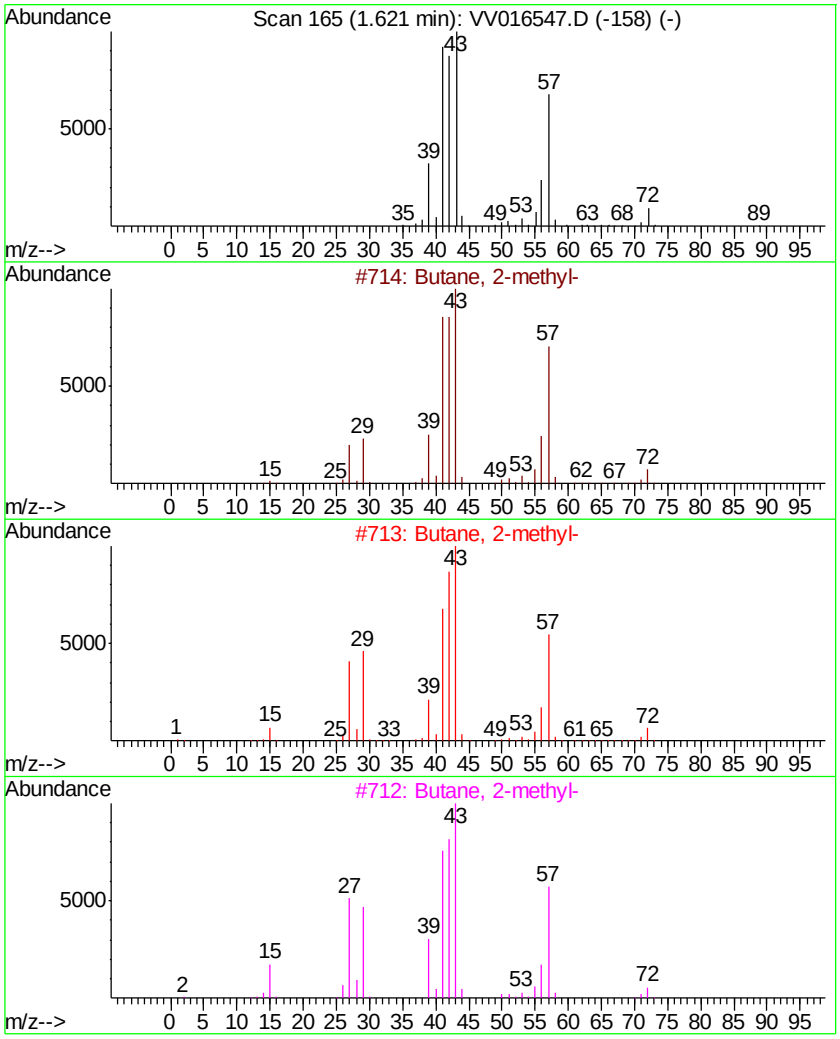
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

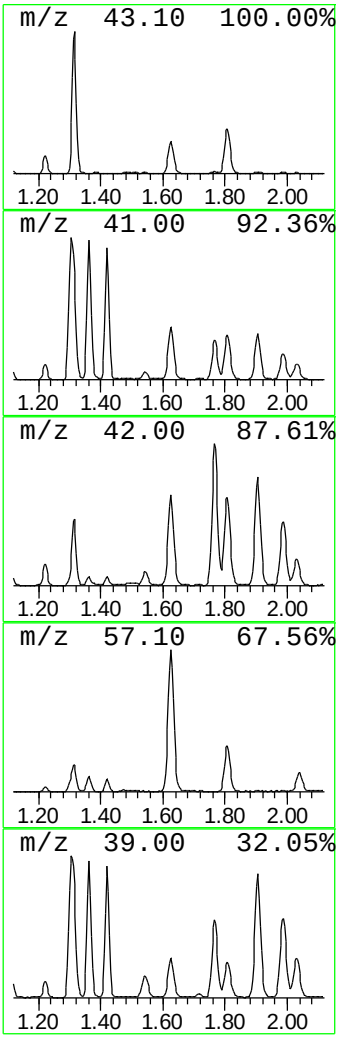
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.62	13.86 ug/L	282776	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	Butane, 2-methyl-	72	C5H12	000078-78-4	91
3	Butane, 2-methyl-	72	C5H12	000078-78-4	91
4	3-Buten-1-ol	72	C4H8O	000627-27-0	47
5	Pentane	72	C5H12	000109-66-0	33





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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

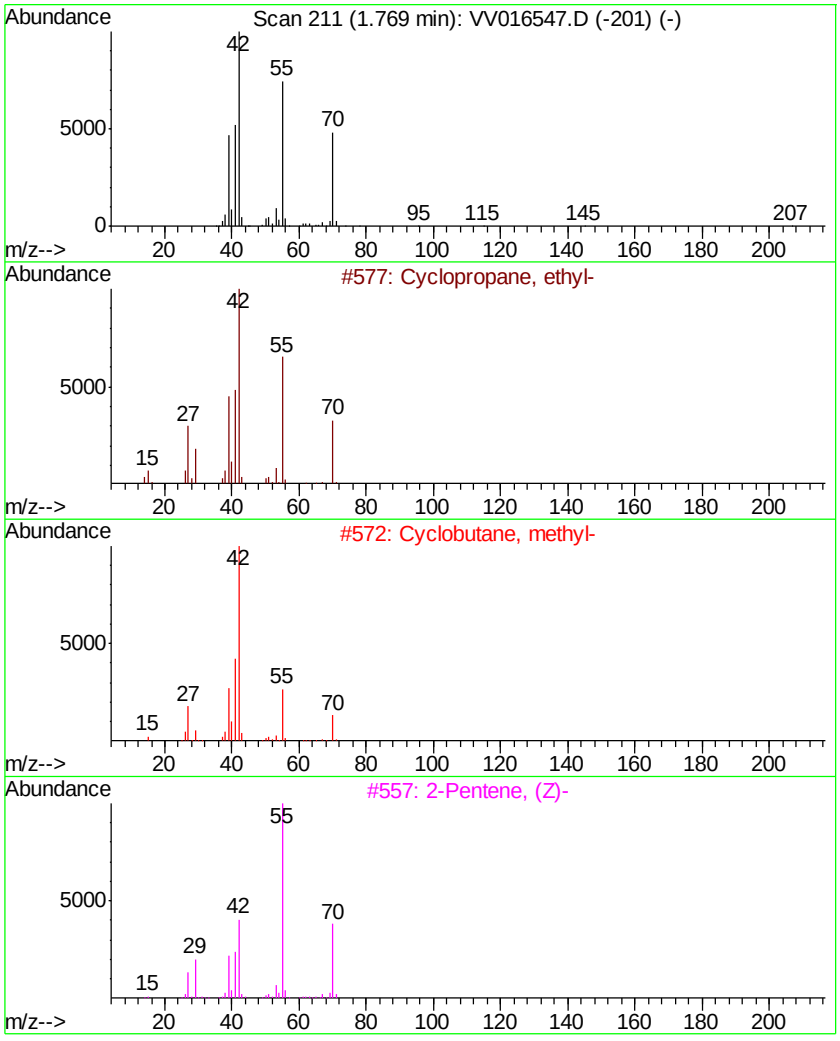
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

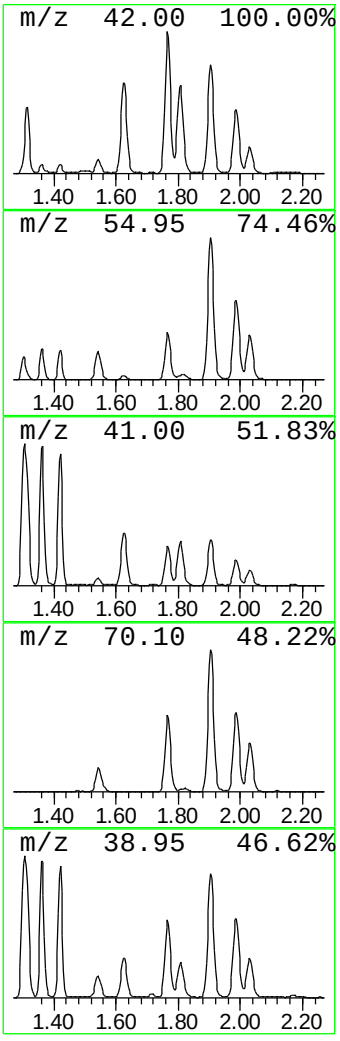
****

Peak Number 4 (DEL) Alkane: Cyclic1.77 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.77	15.12 ug/L	308426	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	87
2	Cyclobutane, methyl-	70	C5H10	000598-61-8	74
3	2-Pentene, (Z)-	70	C5H10	000627-20-3	74
4	1-Pentene	70	C5H10	000109-67-1	70
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

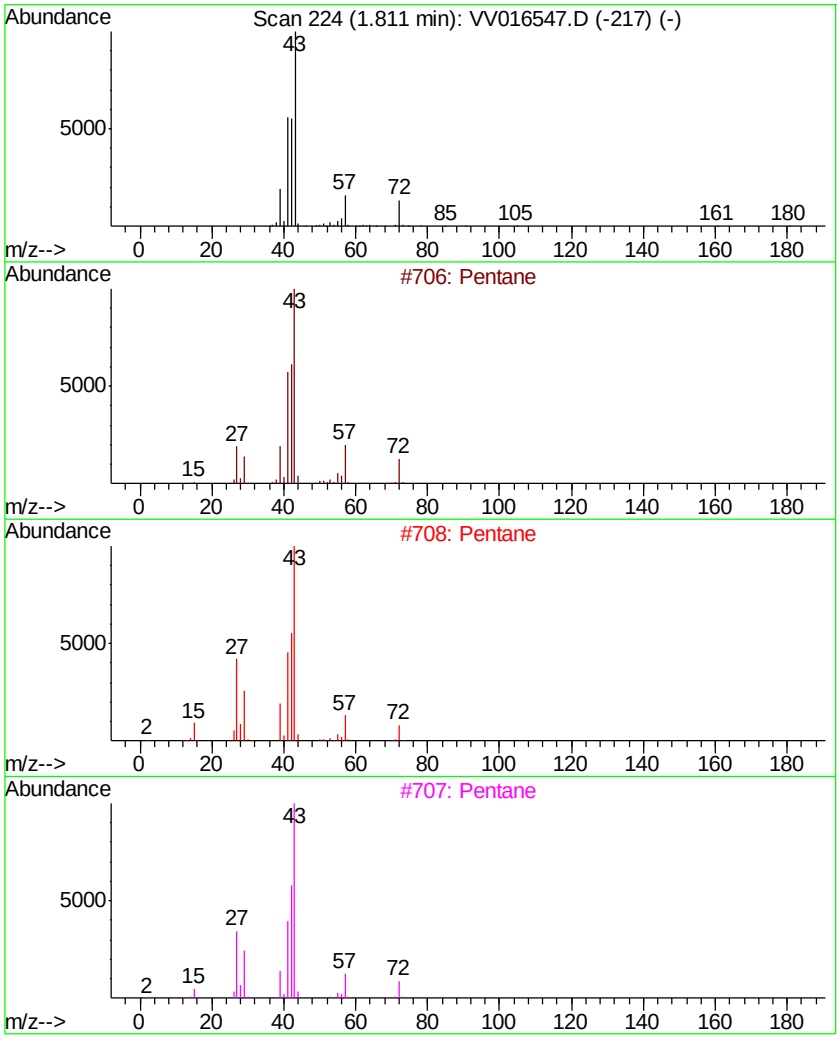
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

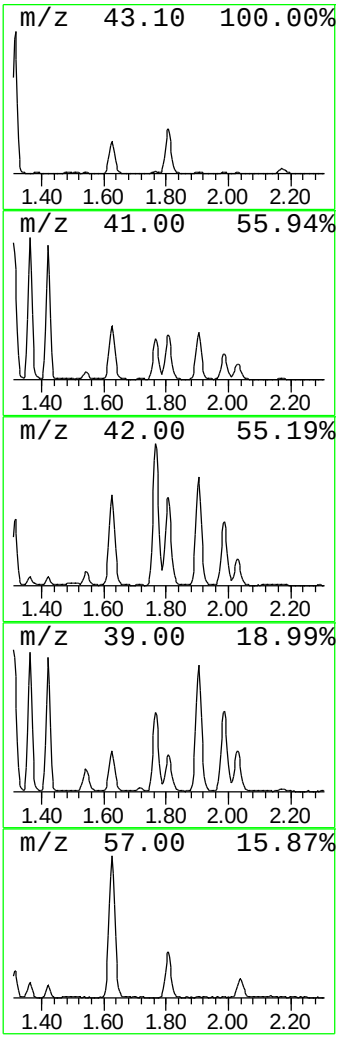
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.81	12.79 ug/L	260980	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	87
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	72
4	Oxirane, ethyl-	72	C4H8O	000106-88-7	50
5	Oxirane, ethyl-	72	C4H8O	000106-88-7	50





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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

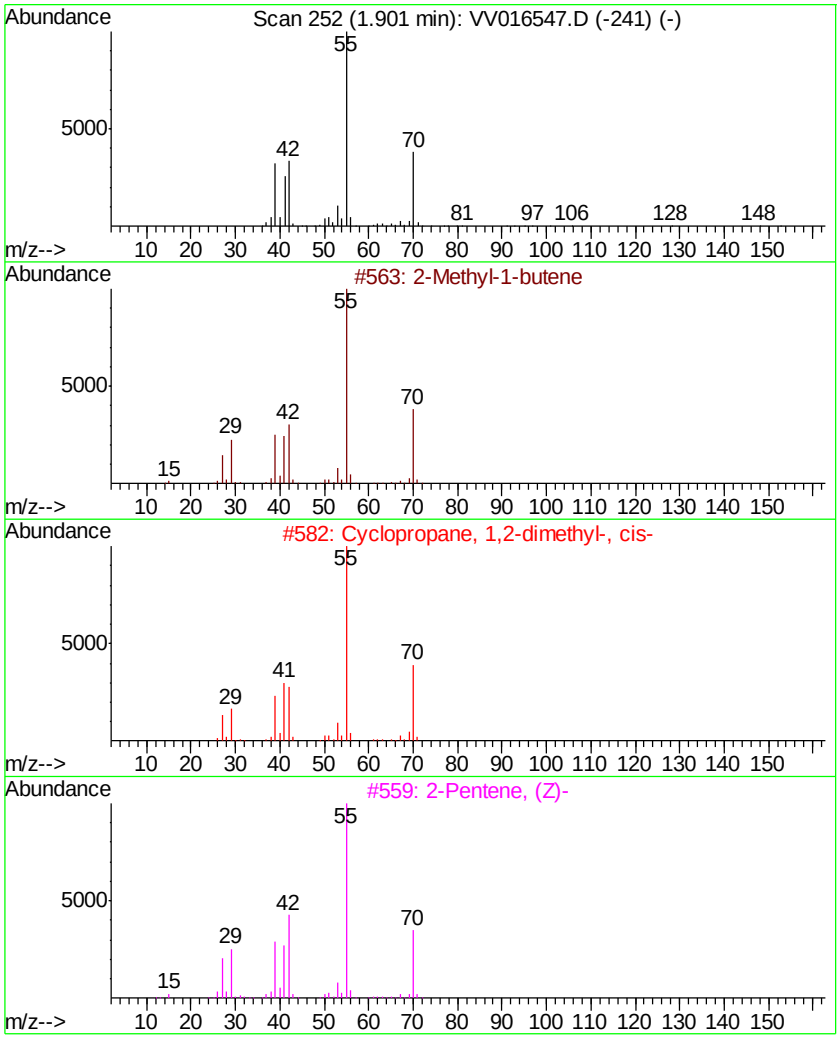
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

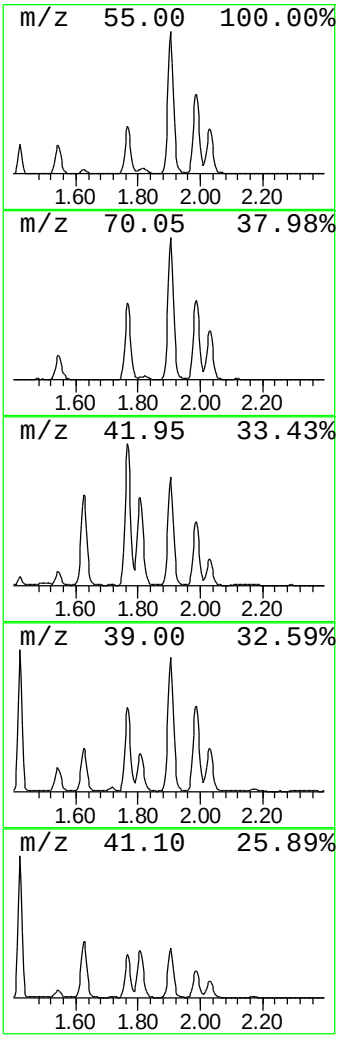
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.90	26.78 ug/L	546409	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-Methyl-1-butene	70	C5H10	000563-46-2	90
5	2-Butene, 2-methyl-	70	C5H10	000513-35-9	87





Library Search Compound Report

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Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

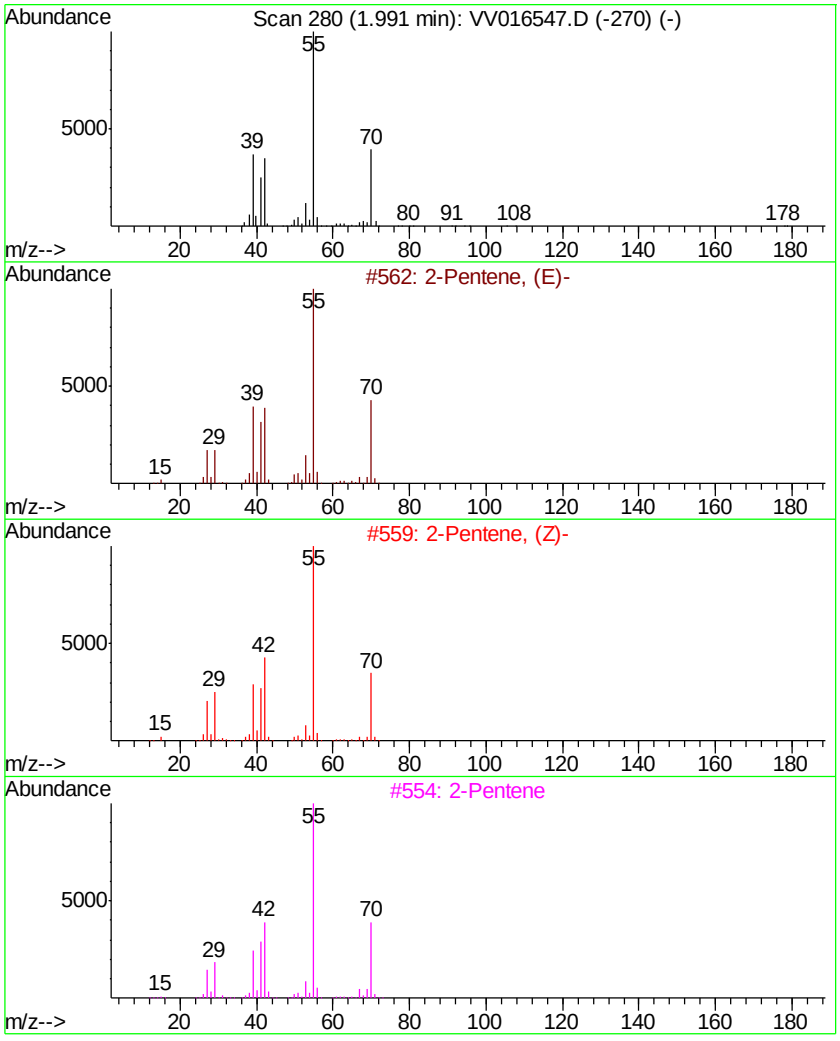
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

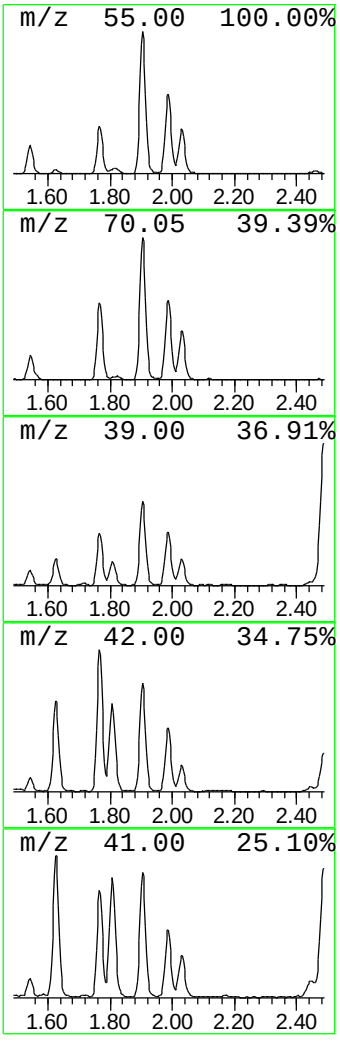
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.99	16.36 ug/L	333797	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (E)-	70	C5H10	000646-04-8	94
2	2-Pentene, (Z)-	70	C5H10	000627-20-3	90
3	2-Pentene	70	C5H10	000109-68-2	90
4	2-Methyl-1-butene	70	C5H10	000563-46-2	87
5	2-Methyl-1-butene	70	C5H10	000563-46-2	87





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Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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

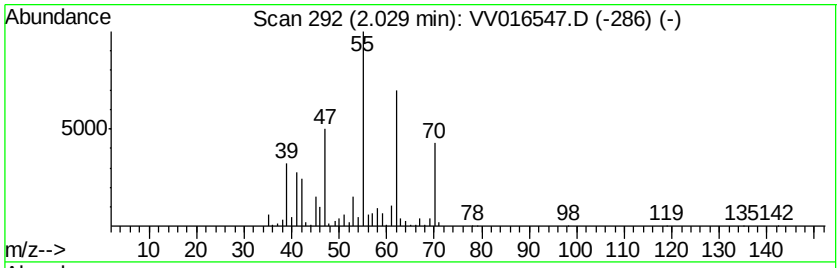
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

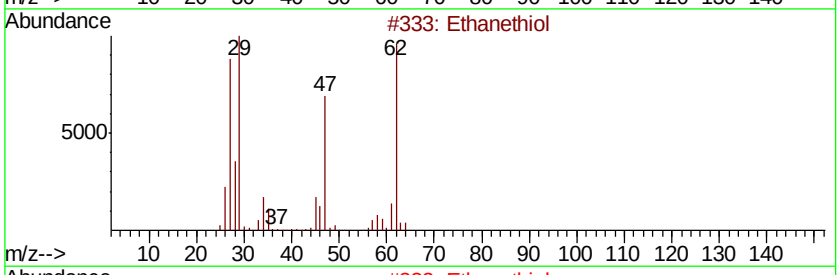
****

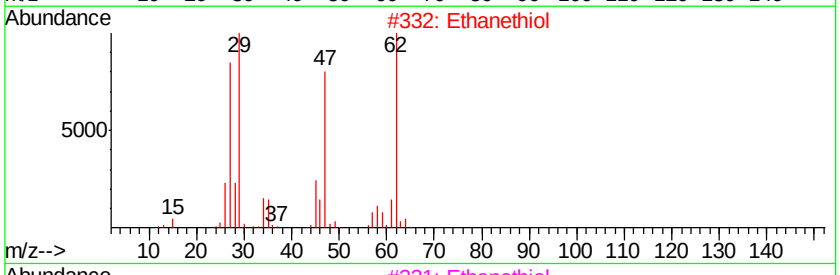
Peak Number 8 Ethanethiol Concentration Rank 44

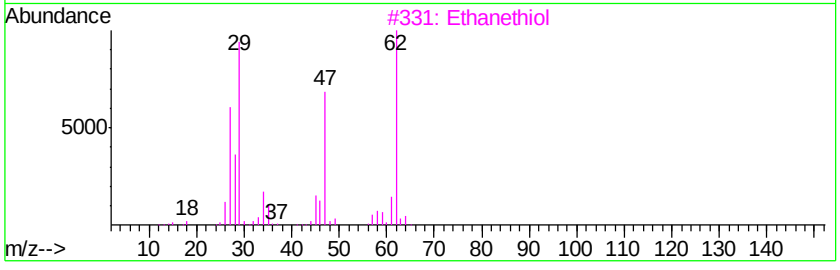
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.03	17.67 ug/L	360513	1,4-Difluorobenzene	5.64

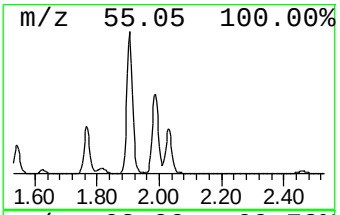
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanethiol	62	C2H6S	000075-08-1	87
2	Ethanethiol	62	C2H6S	000075-08-1	87
3	Ethanethiol	62	C2H6S	000075-08-1	87
4	Ethanethiol	62	C2H6S	000075-08-1	87
5	Ethanethiol	62	C2H6S	000075-08-1	87

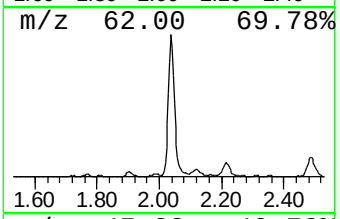


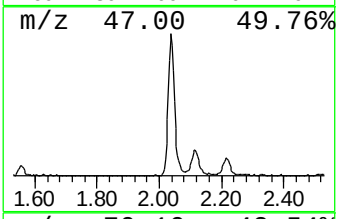


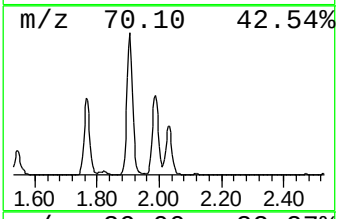


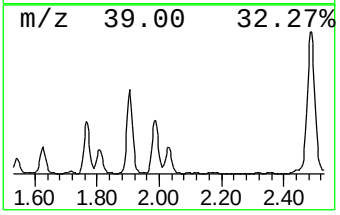












Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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

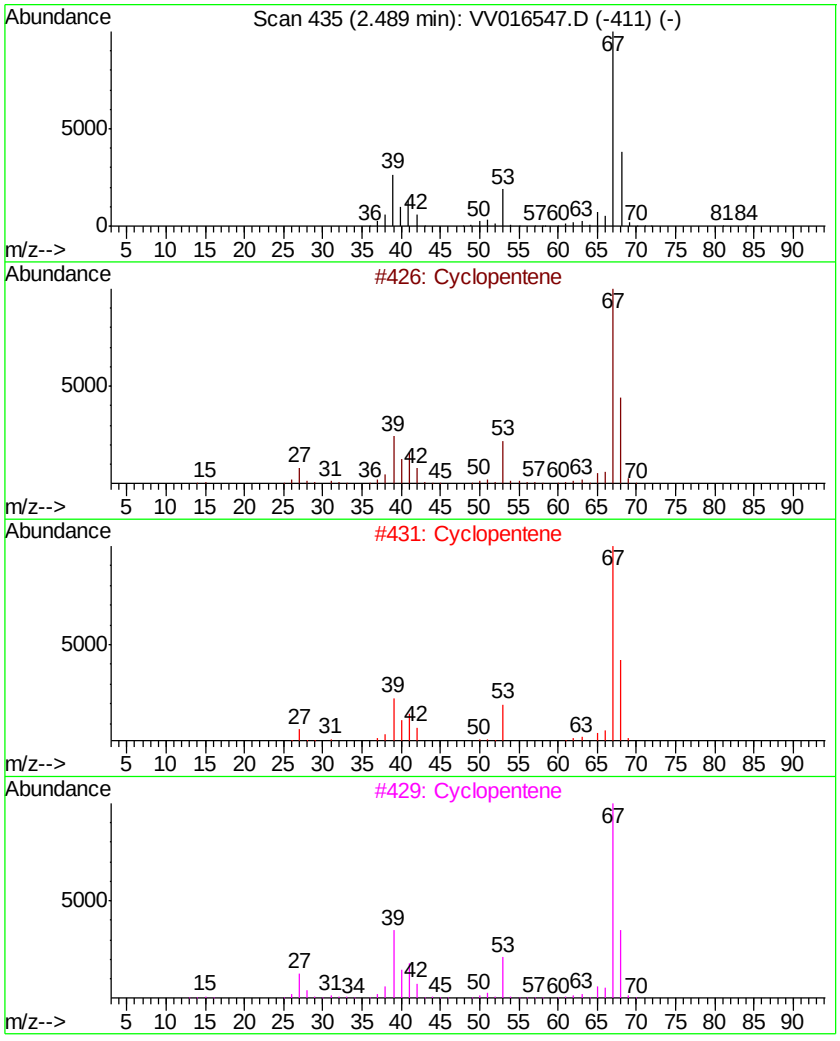
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

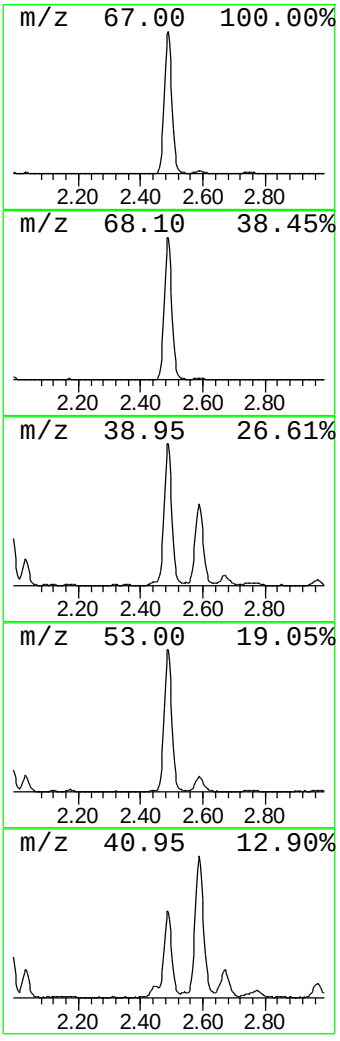
****

Peak Number 9 Cyclopentene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.49	69.12 ug/L	1410250	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	Cyclopropane, methylmethylene-	68	C5H8	018631-84-0	91
5	Cyclopentene	68	C5H8	000142-29-0	90





Library Search Compound Report

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Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

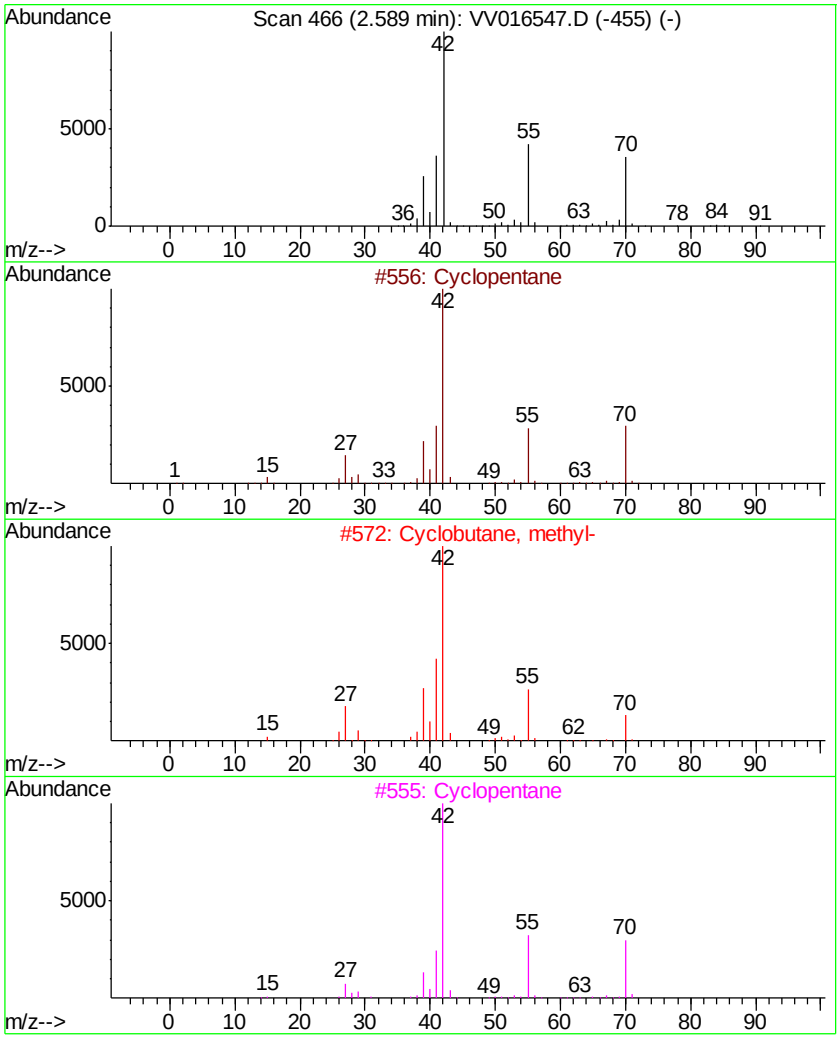
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

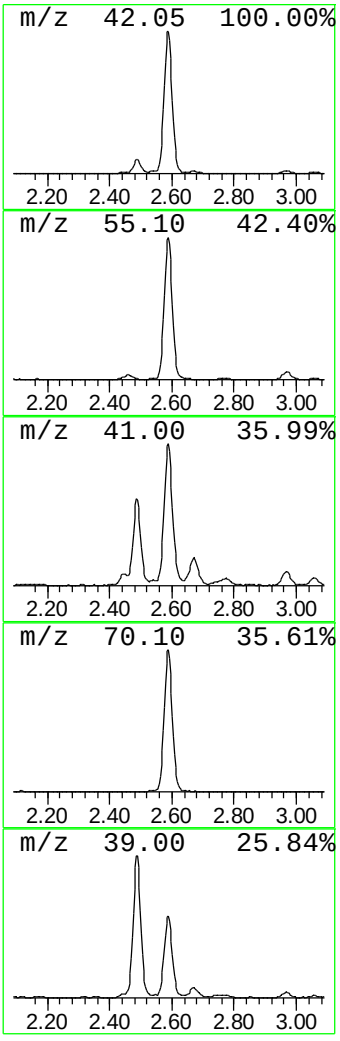
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Cyclic2.59 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.59	46.56 ug/L	949823	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	86
2	Cyclobutane, methyl-	70	C5H10	000598-61-8	78
3	Cyclopentane	70	C5H10	000287-92-3	78
4	Cyclobutane, methyl-	70	C5H10	000598-61-8	72
5	1-Pentene	70	C5H10	000109-67-1	56





Library Search Compound Report

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Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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

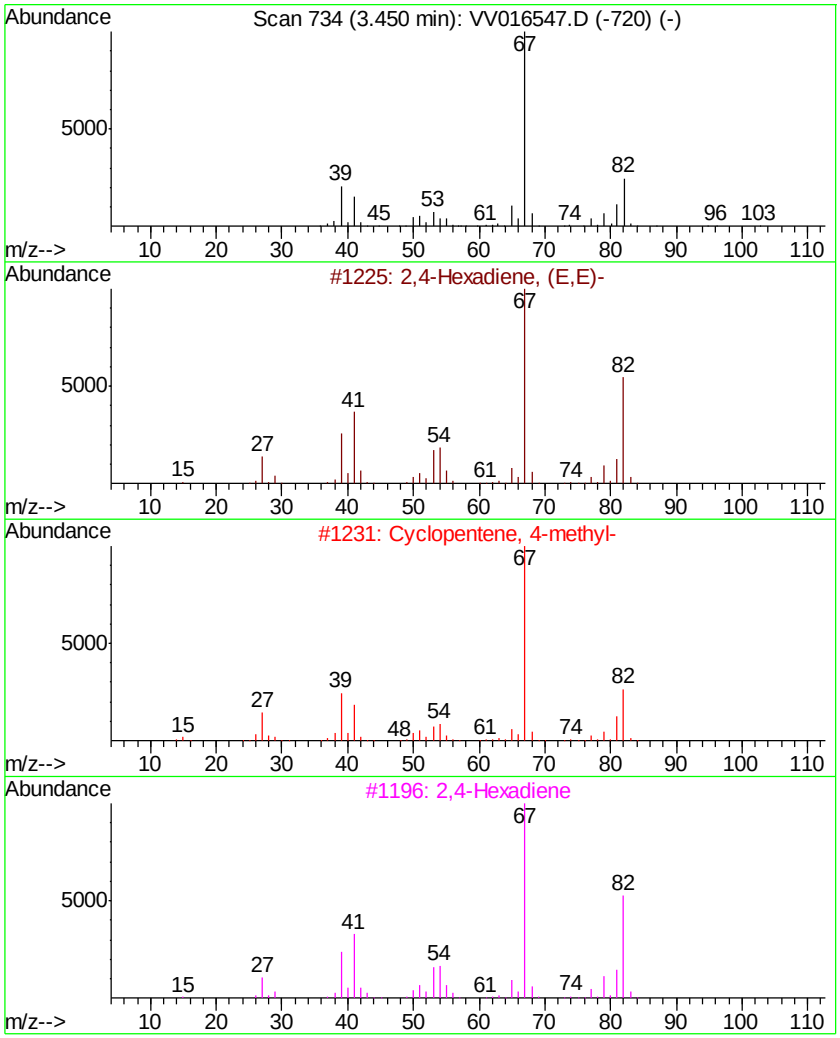
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

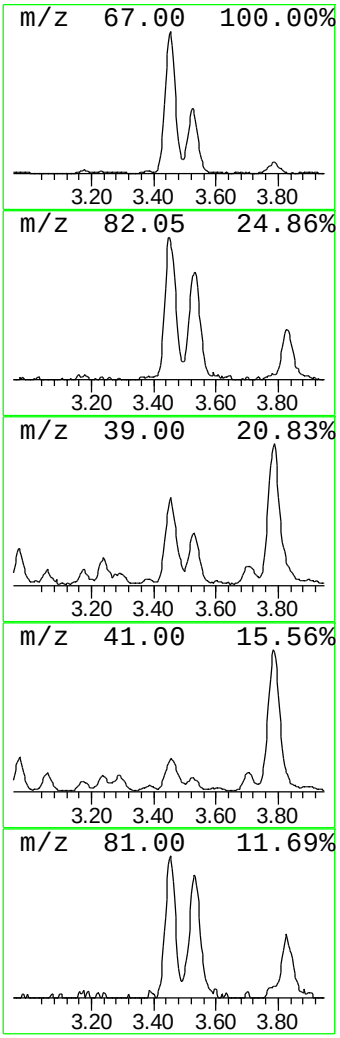
****

Peak Number 11 2,4-Hexadiene, (E,E)- Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.45	11.42 ug/L	232914	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	90
2	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	90
3	2,4-Hexadiene	82	C6H10	000592-46-1	90
4	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	90
5	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	87





Library Search Compound Report

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Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

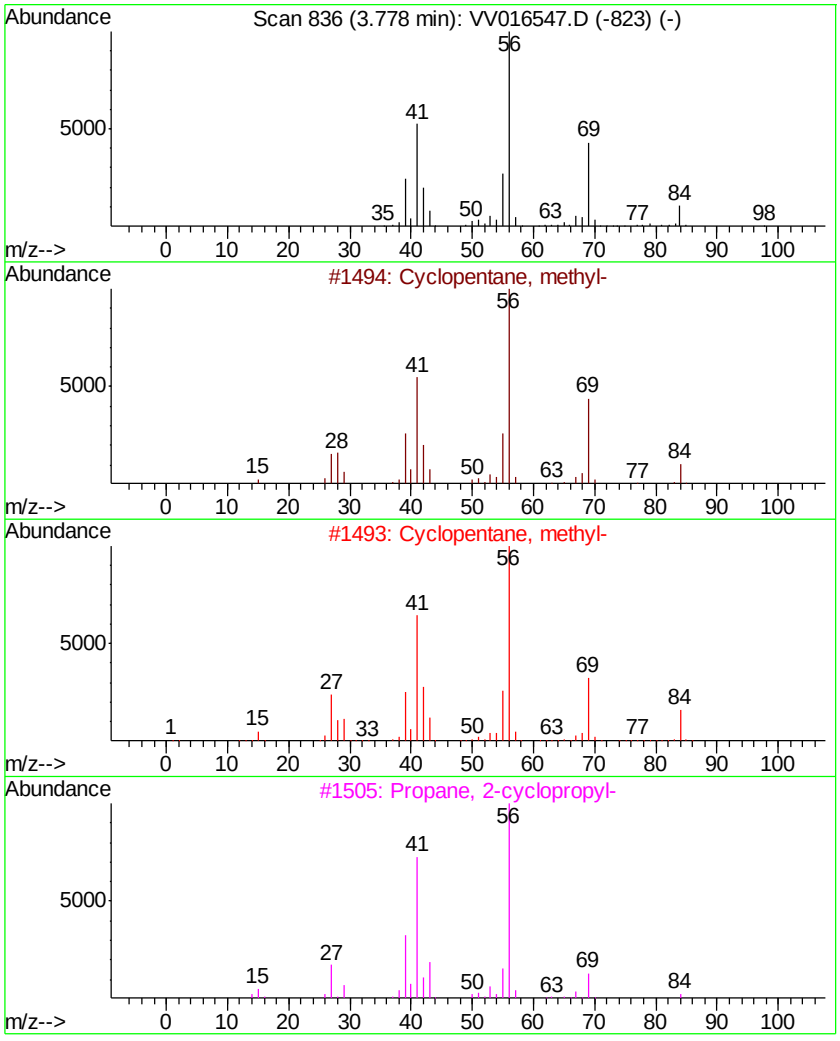
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

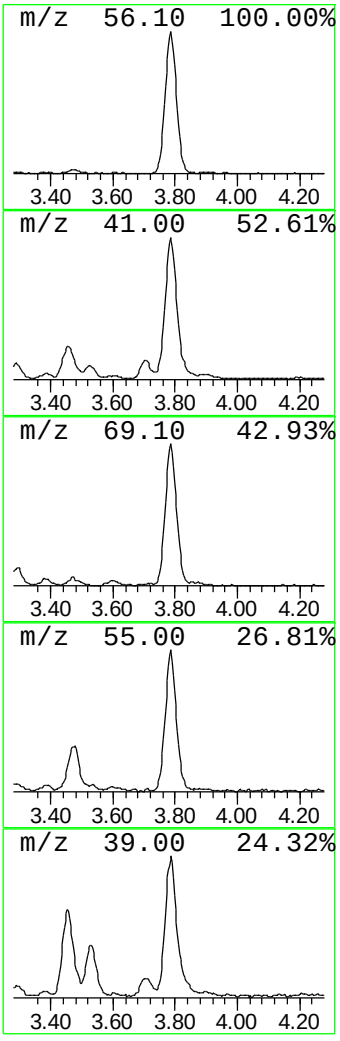
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Cyclic3.78 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	19.14 ug/L	390564	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	86
3	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	86
4	Cyclohexane	84	C6H12	000110-82-7	78
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72





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Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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

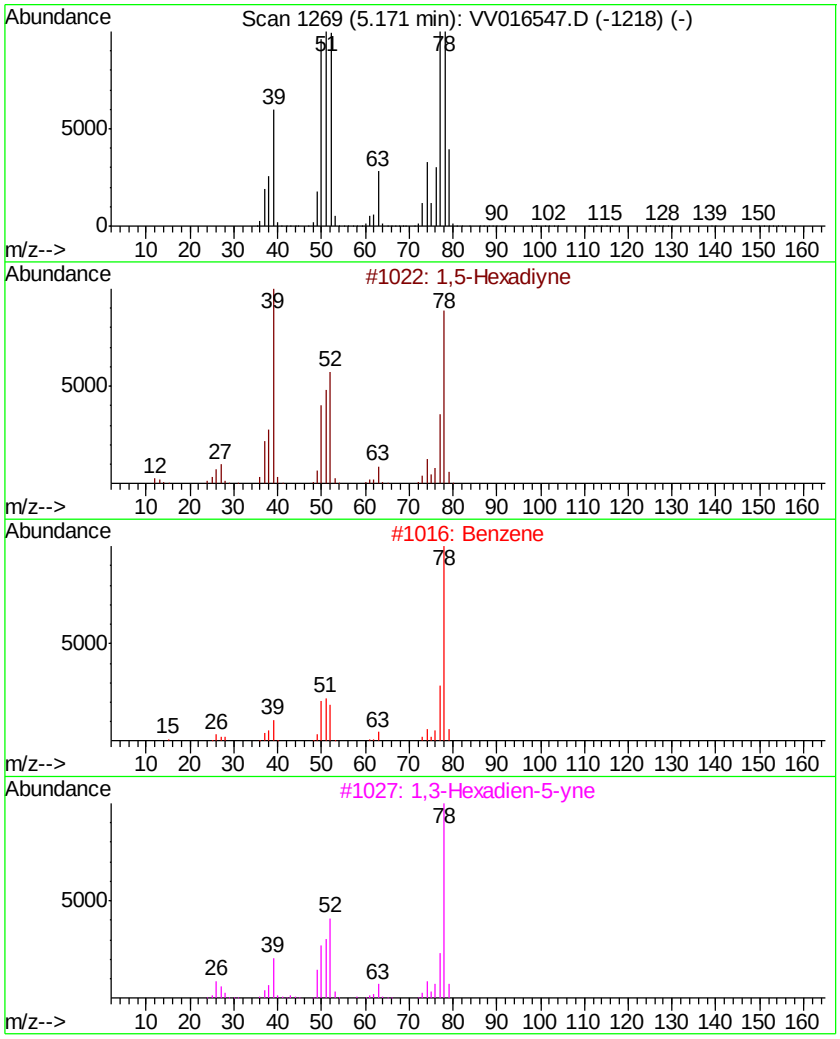
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

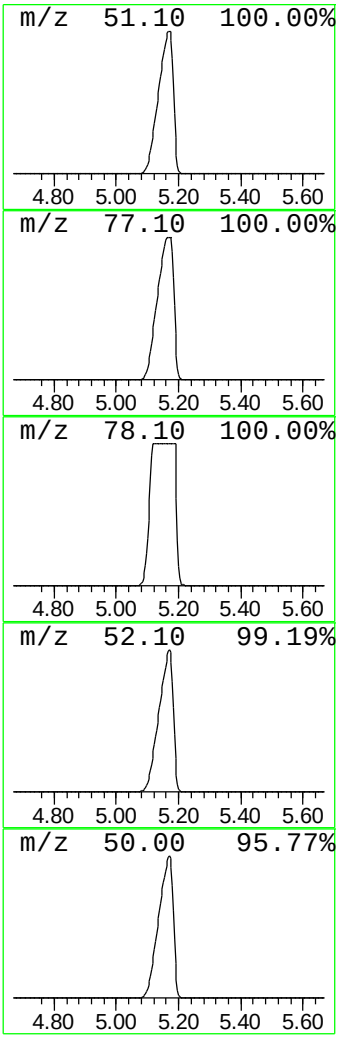
****

Peak Number 13 1,5-Hexadiyne Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	12954.80 ug/L	264305000	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Hexadiyne	78	C6H6	000628-16-0	91
2	Benzene	78	C6H6	000071-43-2	87
3	1,3-Hexadien-5-yne	78	C6H6	010420-90-3	83
4	1,5-Hexadiyne	78	C6H6	000628-16-0	81
5	1,5-Hexadien-3-yne	78	C6H6	000821-08-9	81





Library Search Compound Report

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Sample : L2861-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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

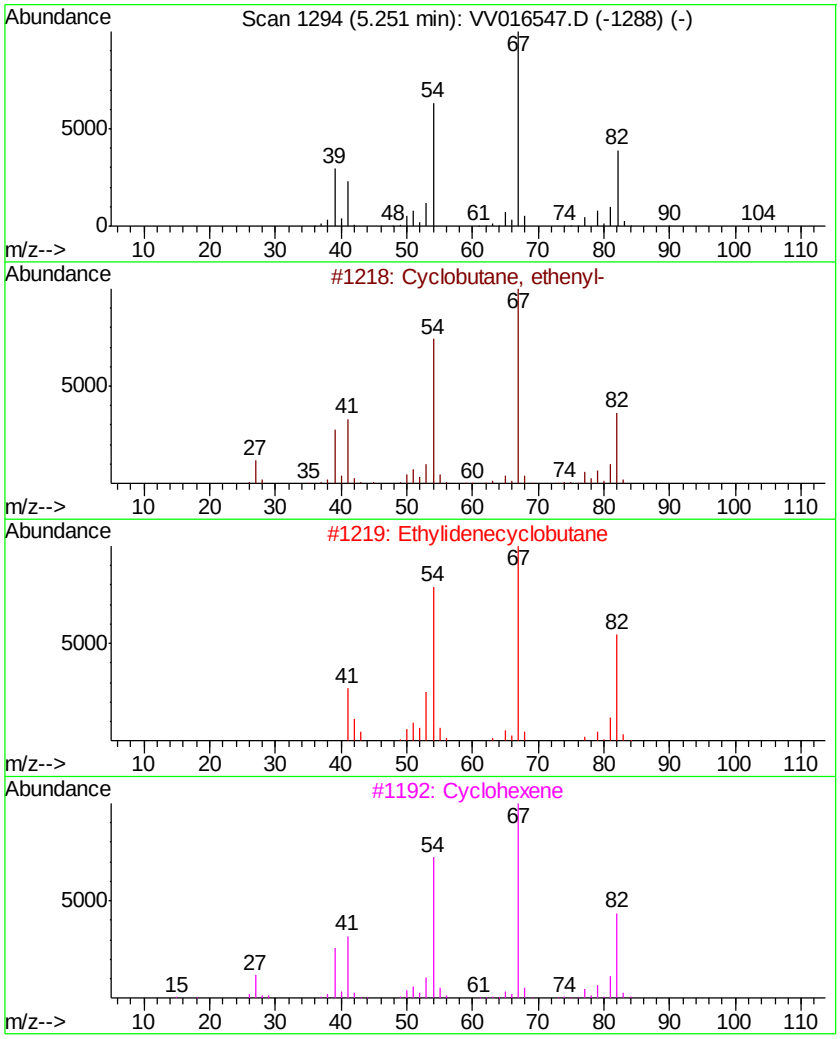
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

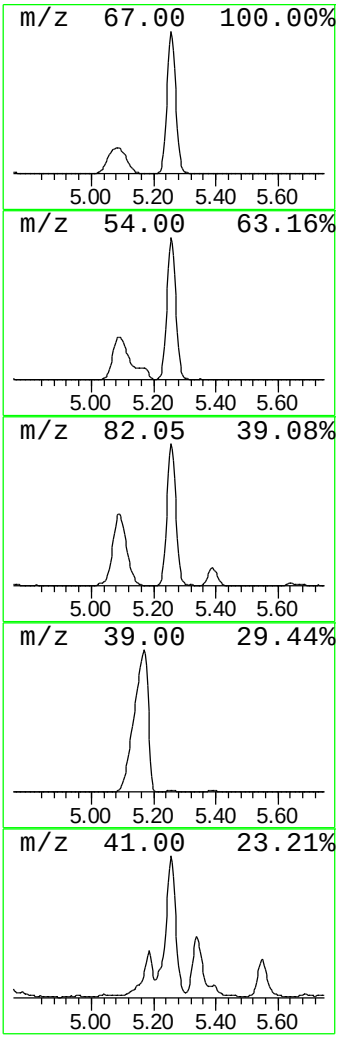
****

Peak Number 14 Cyclobutane, ethenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	55.67 ug/L	1135730	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	91
2	Ethylidenecyclobutane	82	C6H10	001528-21-8	90
3	Cyclohexene	82	C6H10	000110-83-8	90
4	Cyclohexene	82	C6H10	000110-83-8	86
5	C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	74





Library Search Compound Report

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Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

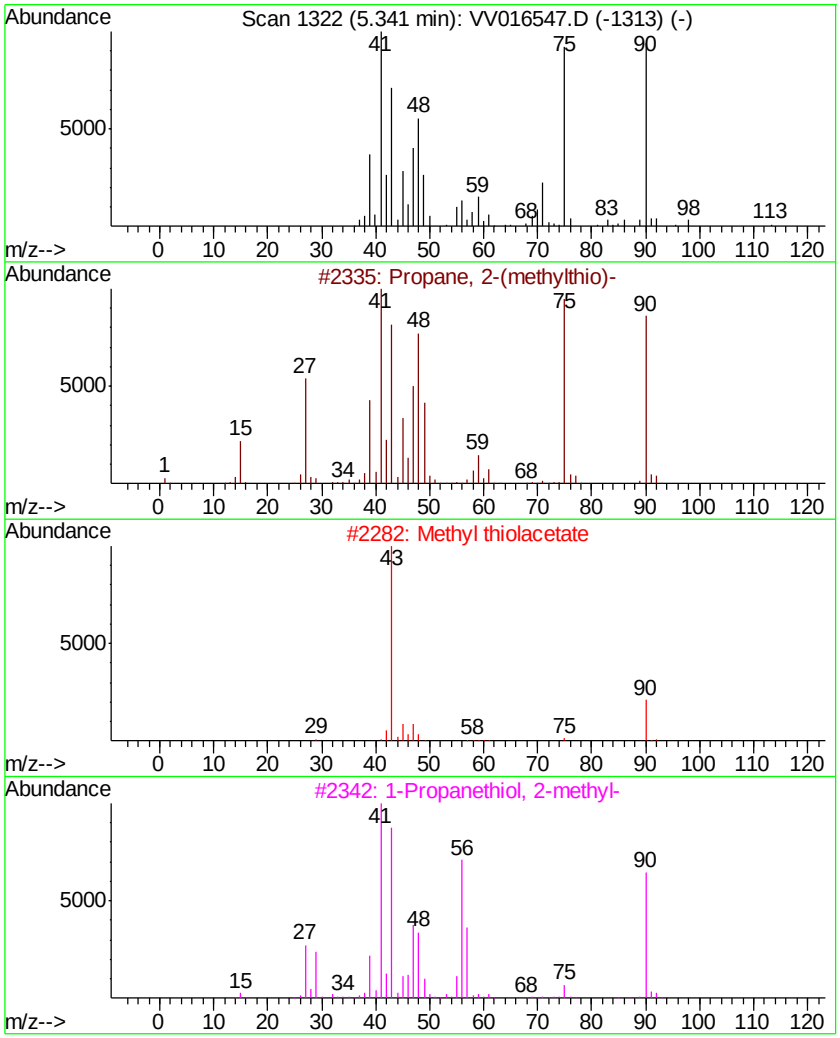
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

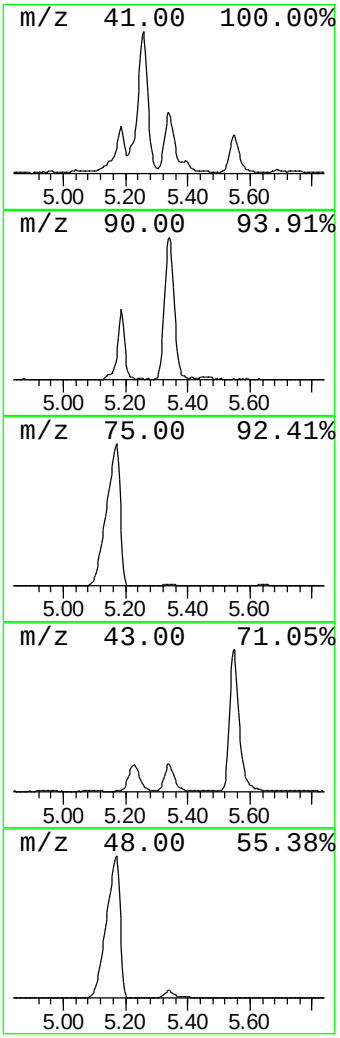
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Propane, 2-(methylthio)- Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.34	11.72 ug/L	239138	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-(methylthio)-	90	C4H10S	001551-21-9	91
2	Methyl thiolacetate	90	C3H6OS	001534-08-3	50
3	1-Propanethiol, 2-methyl-	90	C4H10S	000513-44-0	50
4	Mercaptoacetone	90	C3H6OS	024653-75-6	49
5	Propane, 2-(methylthio)-	90	C4H10S	001551-21-9	45





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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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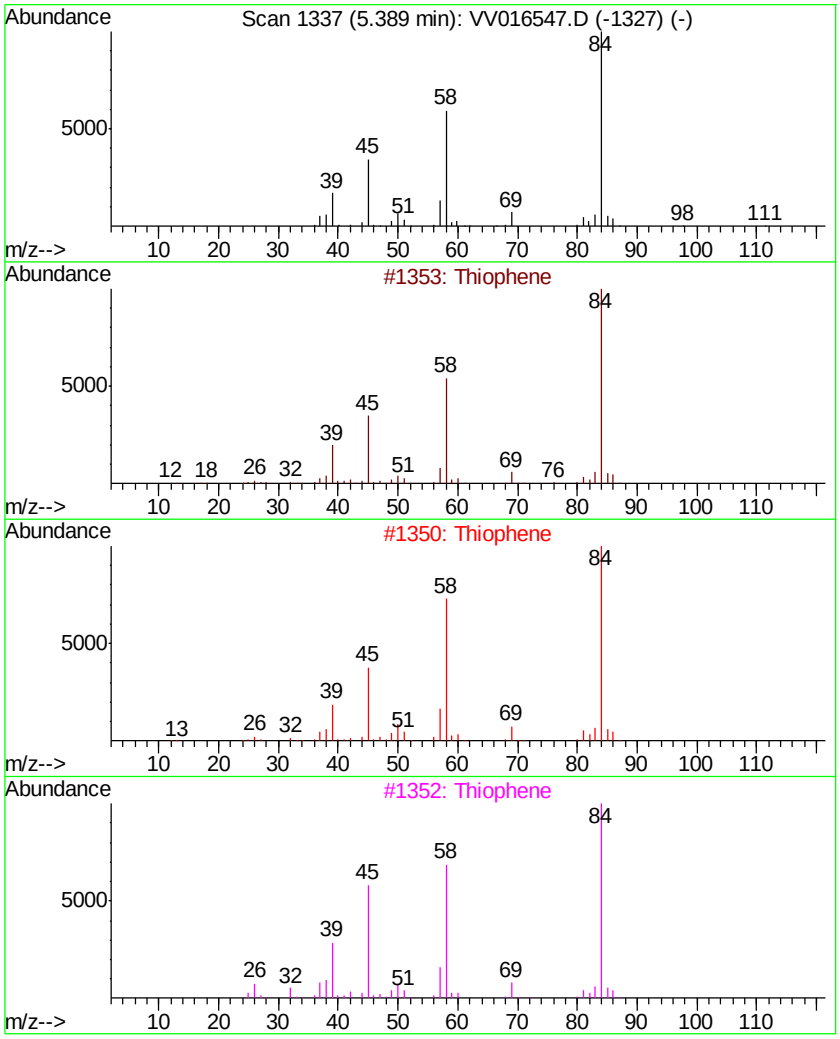
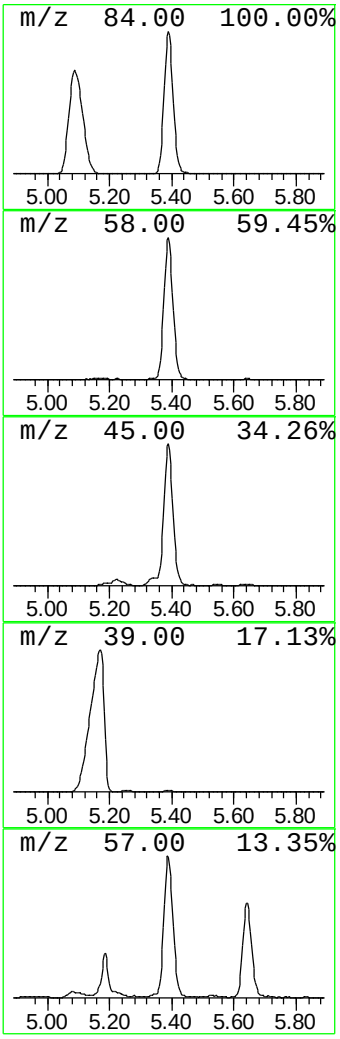
Peak Number 16 Thiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	68.33 ug/L	1394110	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene	84	C4H4S	000110-02-1	94
2	Thiophene	84	C4H4S	000110-02-1	91
3	Thiophene	84	C4H4S	000110-02-1	91
4	Thiophene	84	C4H4S	000110-02-1	83
5	p-[4-[3-[Dimethylamino]propyl]am...	445	C18H22Cl3N5O2	1000253-90-0	36





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Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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

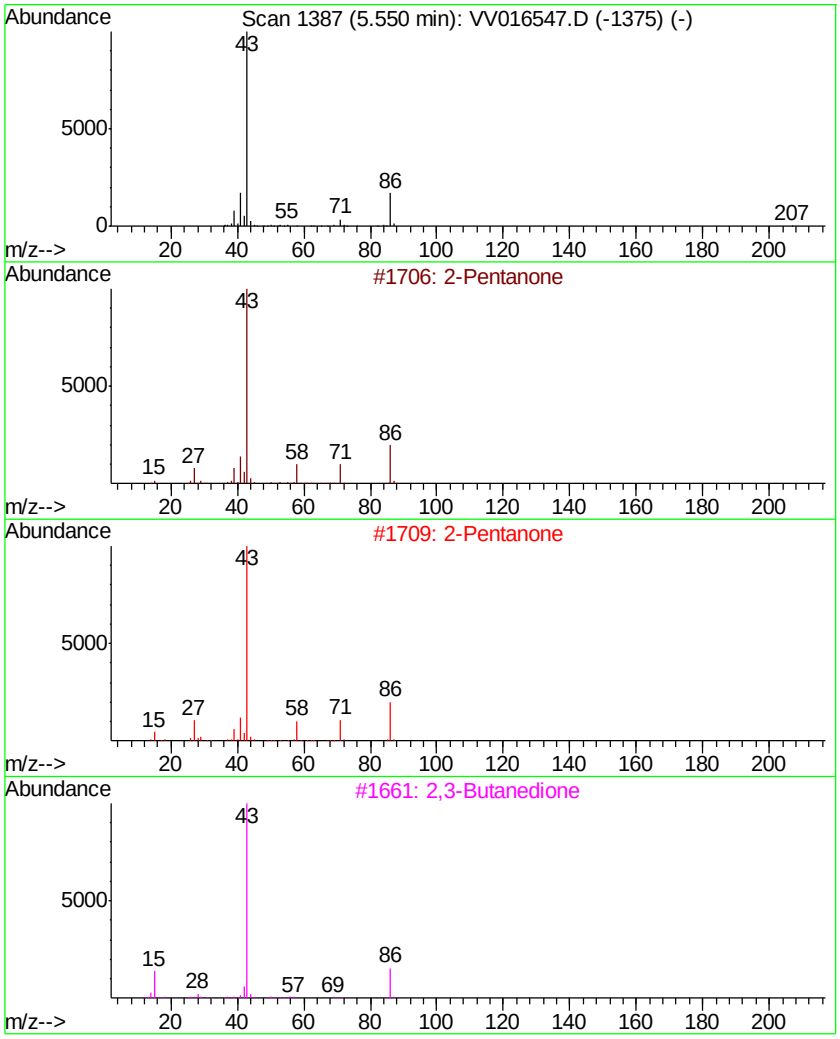
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

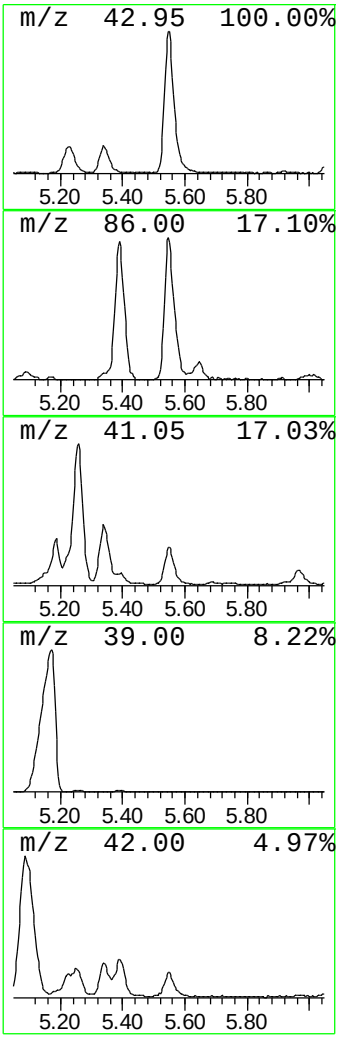
****

Peak Number 17 2-Pentanone Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	9.11 ug/L	185893	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	53
2	2-Pentanone	86	C5H10O	000107-87-9	52
3	2,3-Butanedione	86	C4H6O2	000431-03-8	50
4	2-Pentanone	86	C5H10O	000107-87-9	50
5	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	38





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Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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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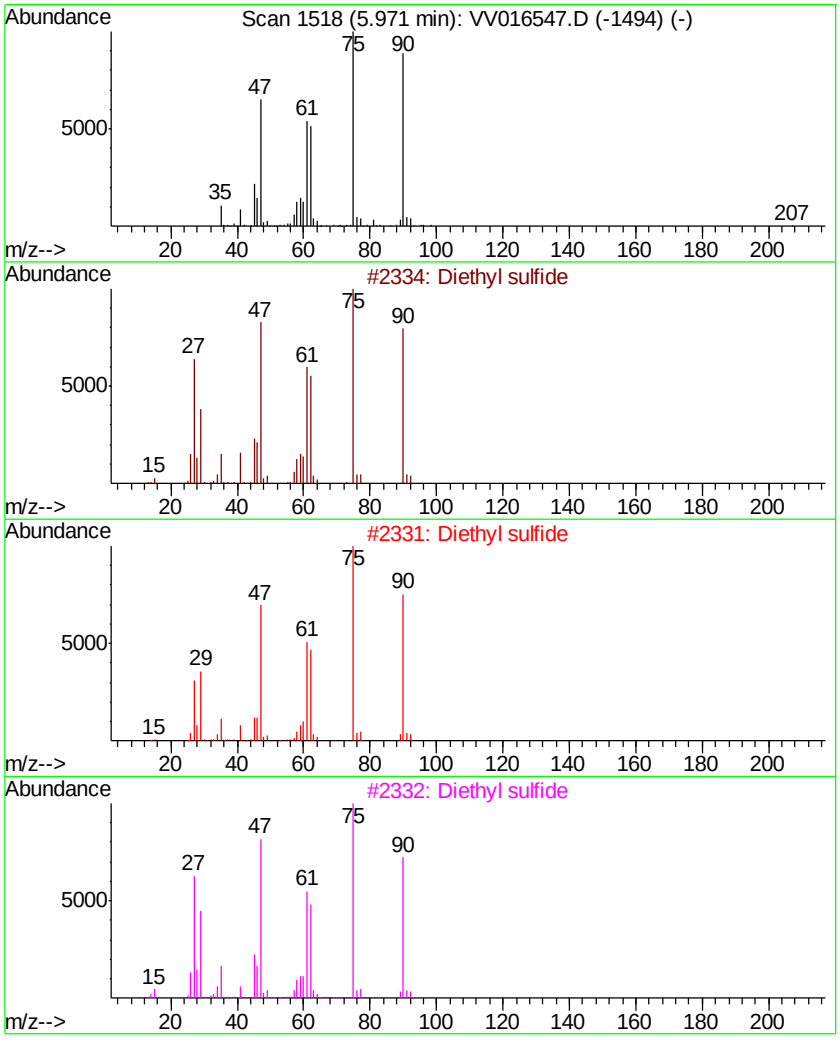
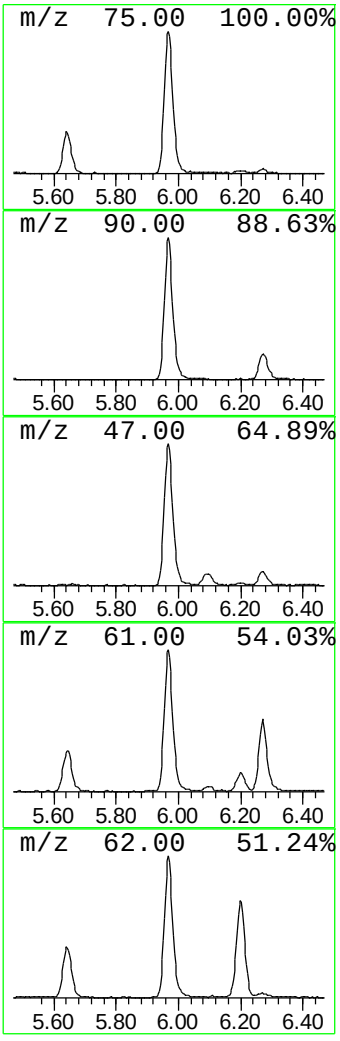
Peak Number 18 Diethyl sulfide Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	22.64 ug/L	461867	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	95
4	Diethyl sulfide	90	C4H10S	000352-93-2	91
5	Phosphine, diethyl-	90	C4H11P	000627-49-6	45





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Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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

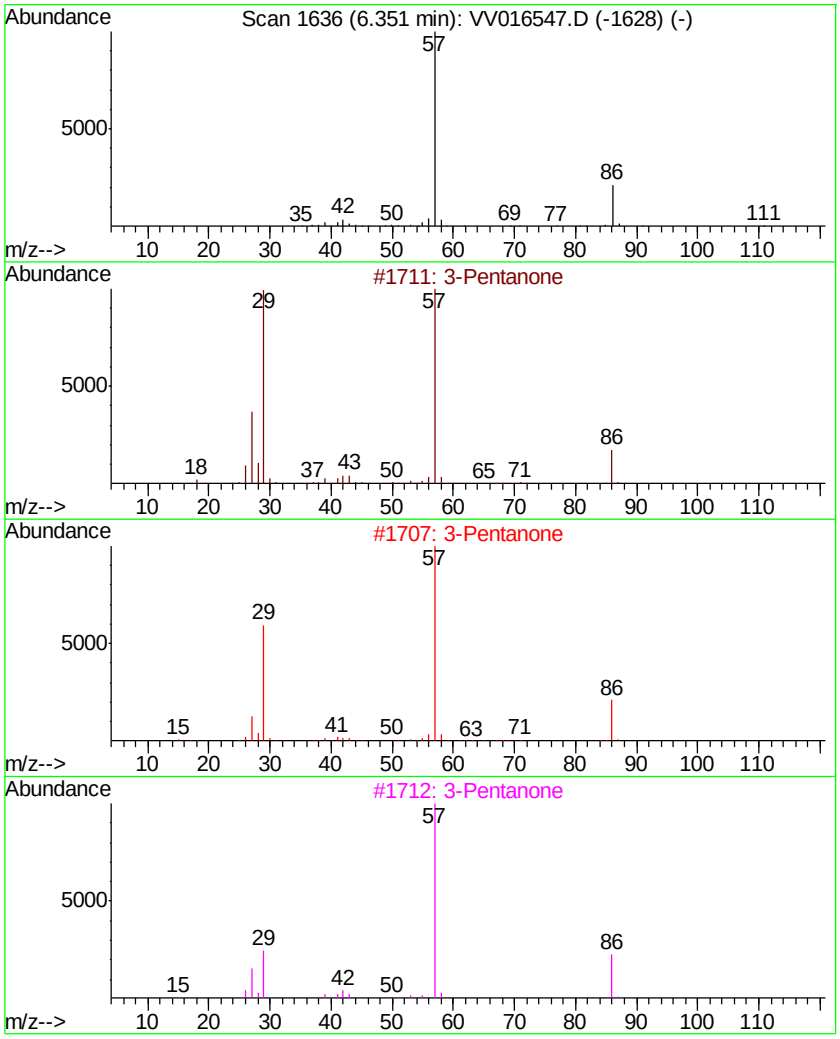
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

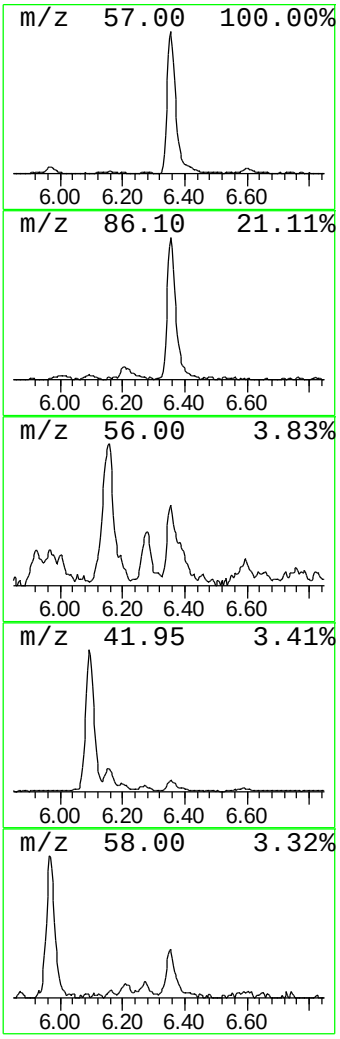
****

Peak Number 19 3-Pentanone Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	9.06 ug/L	184843	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone	86	C5H10O	000096-22-0	90
2	3-Pentanone	86	C5H10O	000096-22-0	72
3	3-Pentanone	86	C5H10O	000096-22-0	64
4	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	7
5	Ethyl-1-propenyl ether	86	C5H10O	000928-55-2	7





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Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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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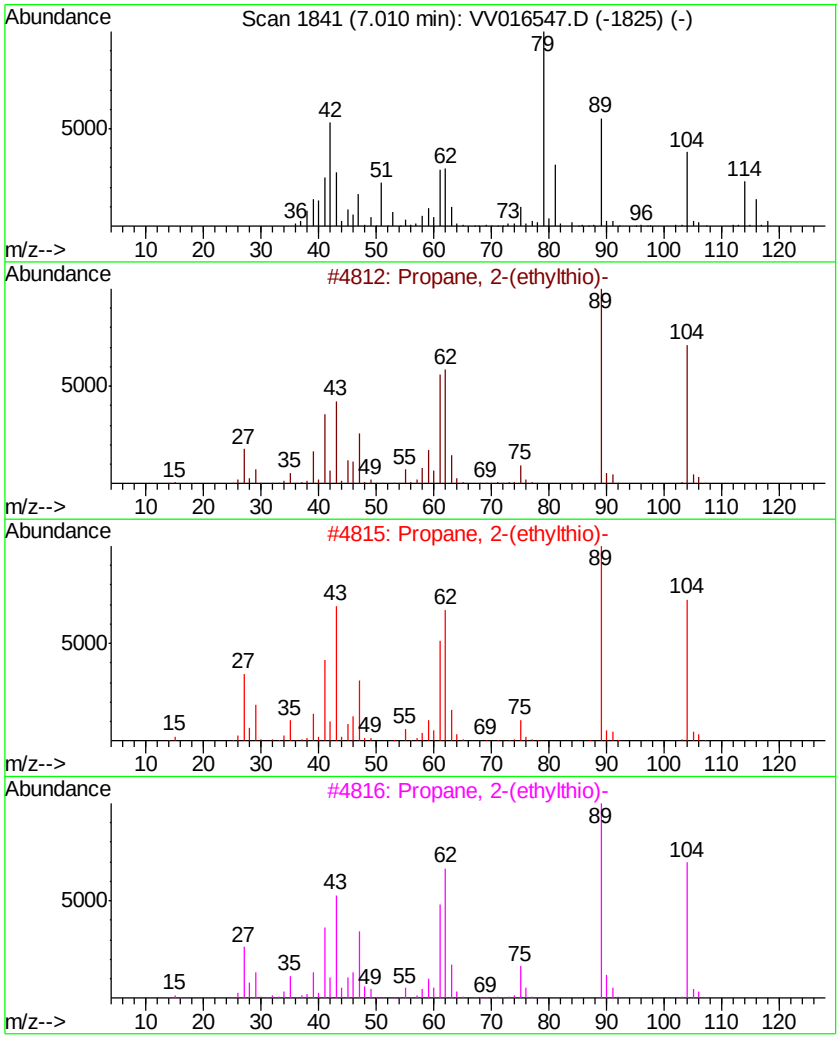
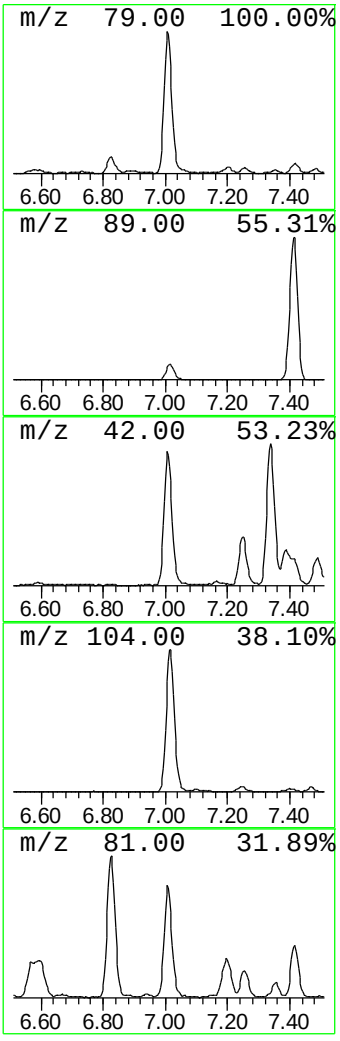
Peak Number 20 Propane, 2-(ethylthio)- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	35.58 ug/L	725940	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-(ethylthio)-	104	C5H12S	005145-99-3	95
2	Propane, 2-(ethylthio)-	104	C5H12S	005145-99-3	89
3	Propane, 2-(ethylthio)-	104	C5H12S	005145-99-3	45
4	Thiophosgene	114	CCl2S	000463-71-8	18
5	Ethanamine, N-methyl-N-nitro-	104	C3H8N2O2	019092-01-4	14





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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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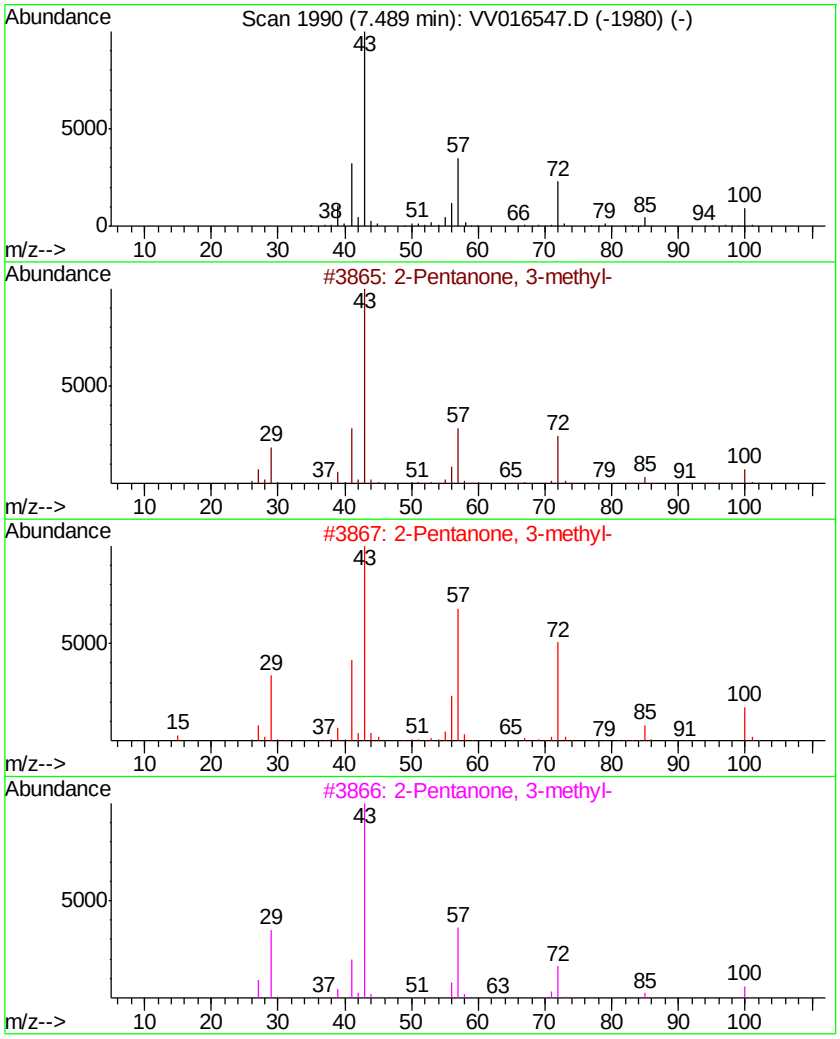
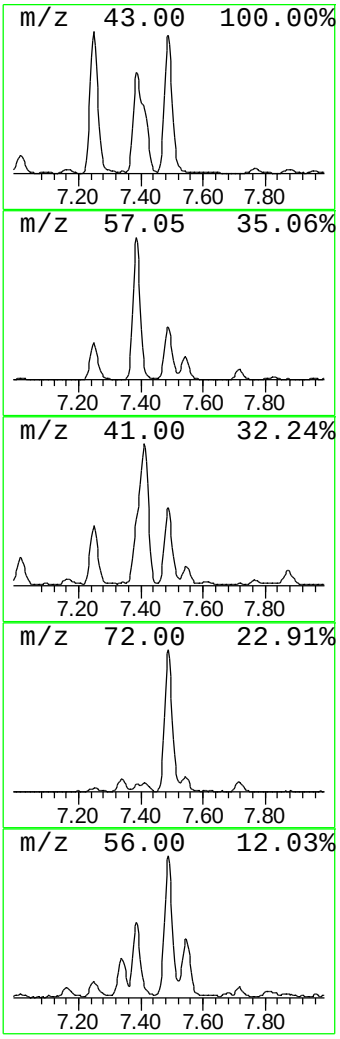
Peak Number 21 2-Pentanone, 3-methyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	12.87 ug/L	613569	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	91
2	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	90
3	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	86
4	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	59
5	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	56





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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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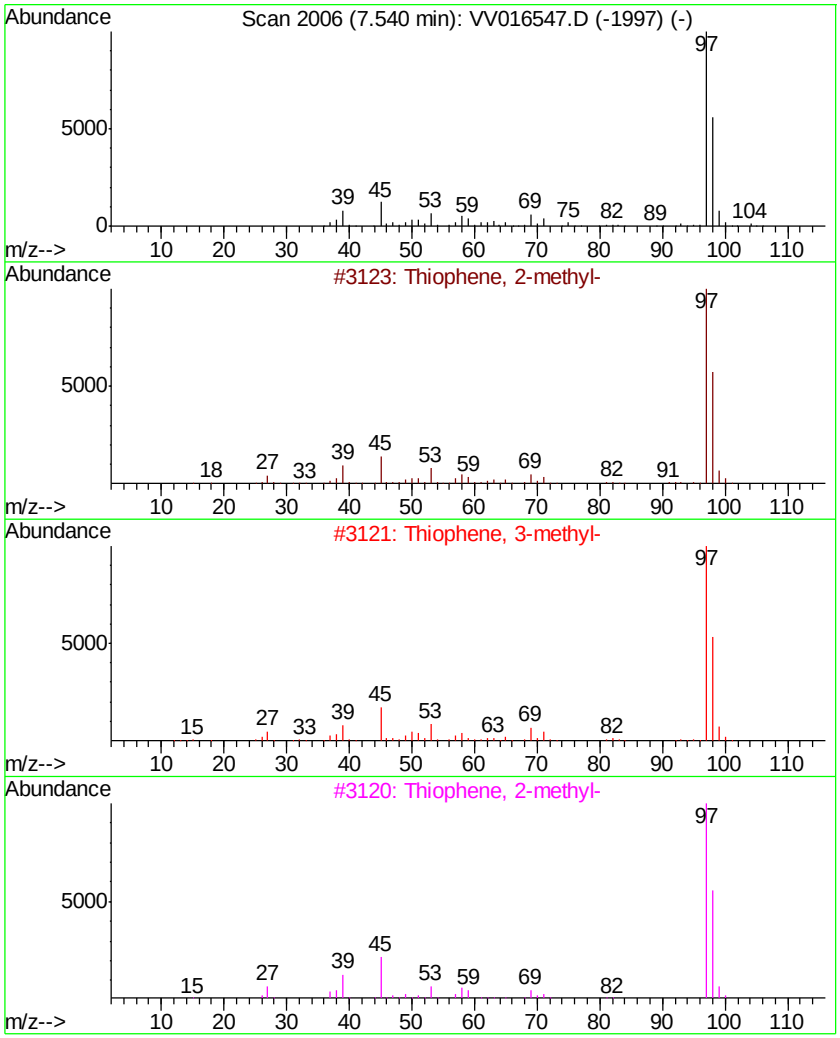
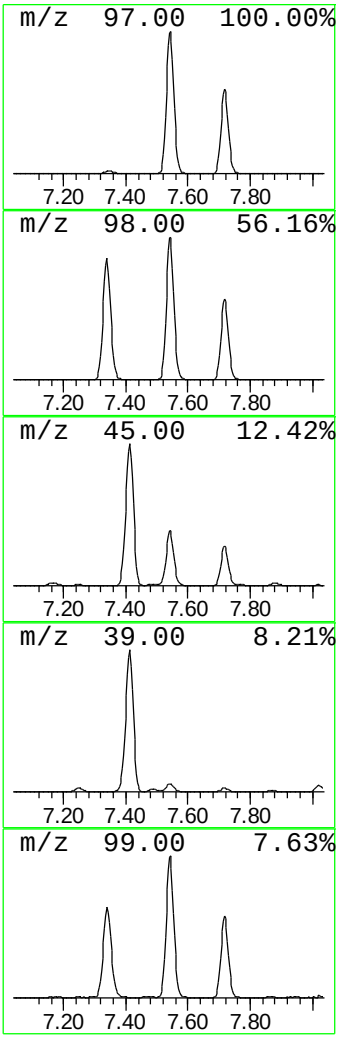
Peak Number 22 Thiophene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	52.80 ug/L	2517870	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, 2-methyl-	98	C5H6S	000554-14-3	91
4	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91
5	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	91





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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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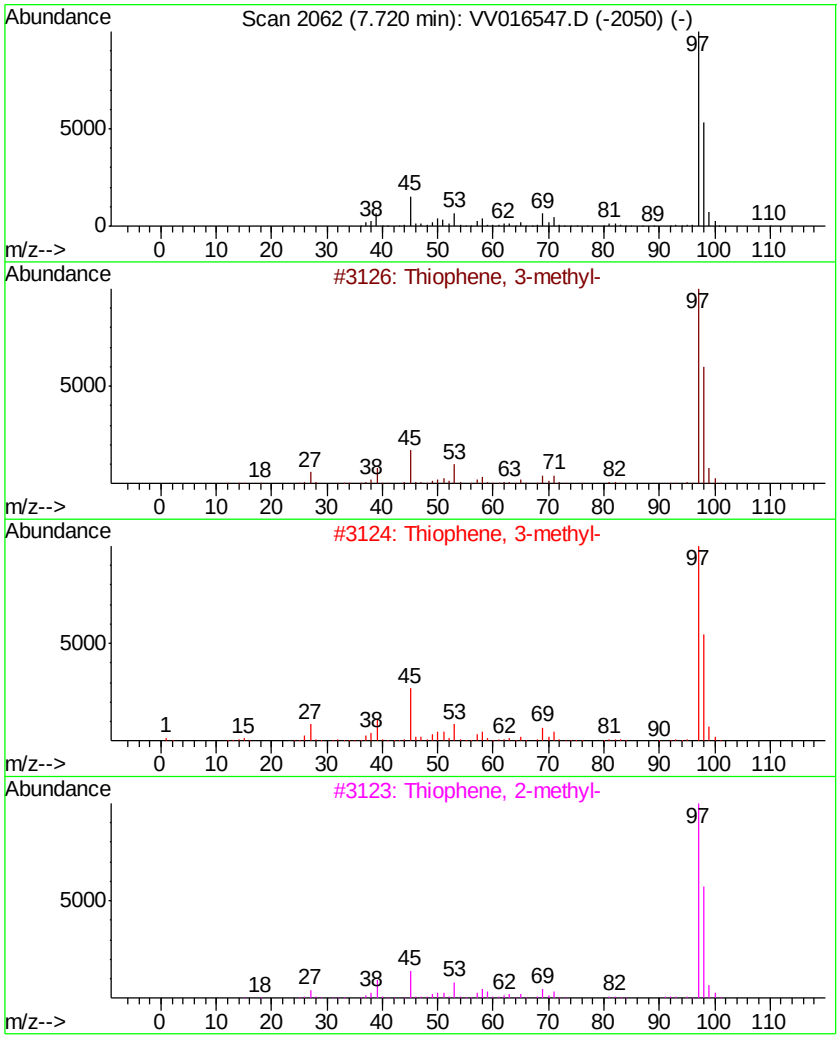
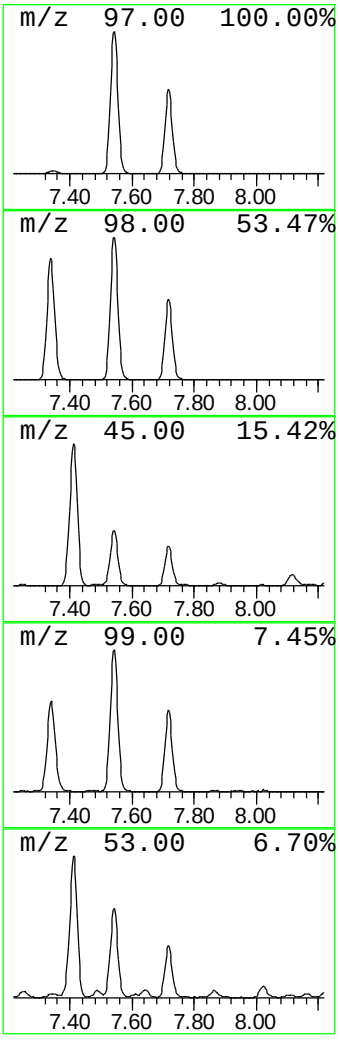
Peak Number 23 Thiophene, 3-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	28.80 ug/L	1373480	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, 2-methyl-	98	C5H6S	000554-14-3	93
4	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91
5	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91





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Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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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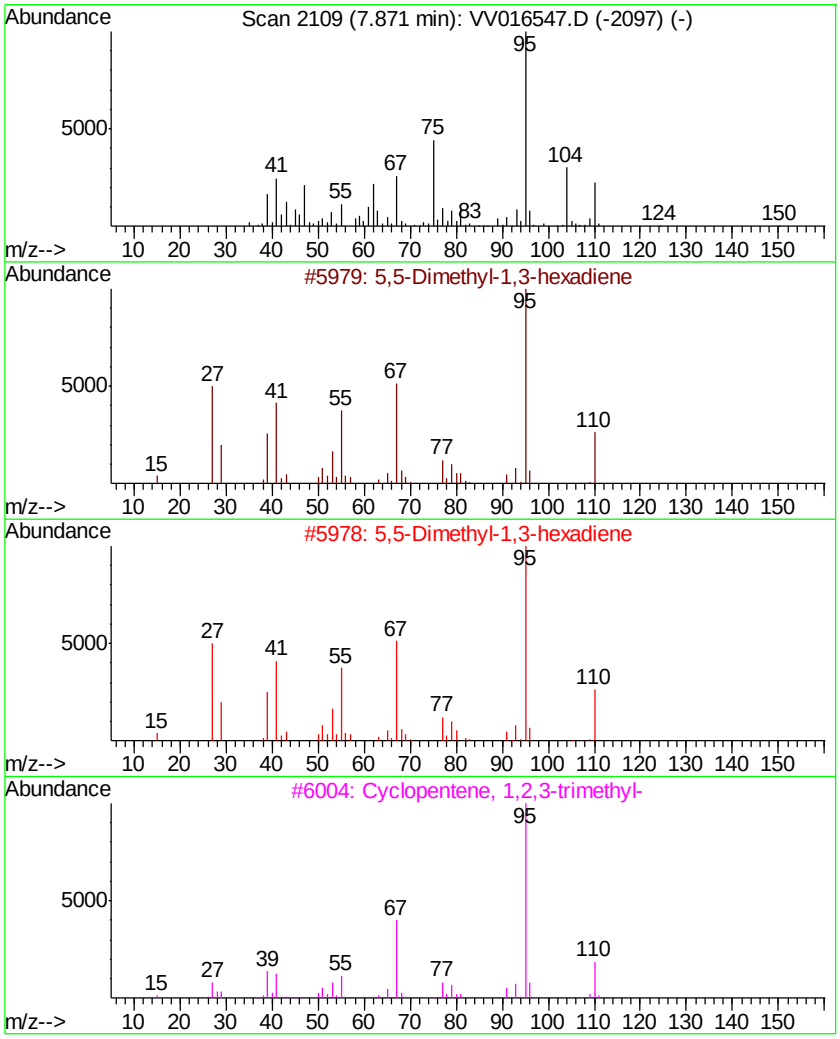
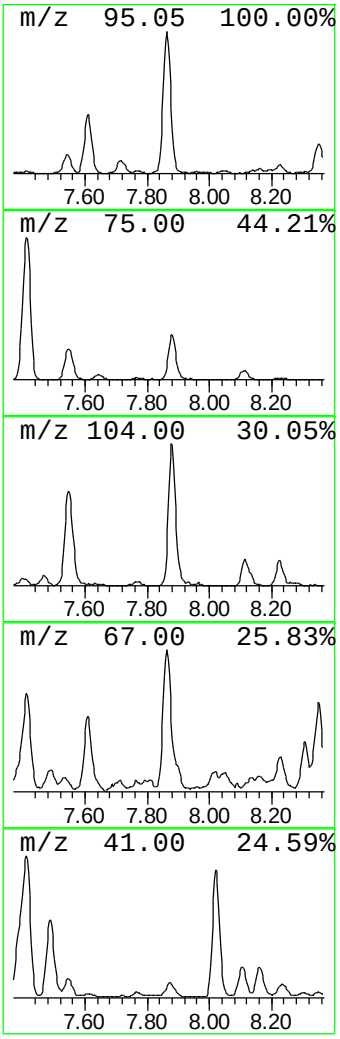
Peak Number 24 unknown-01 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	7.51 ug/L	358350	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	38
2	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	38
3	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	38
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	27
5	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	27





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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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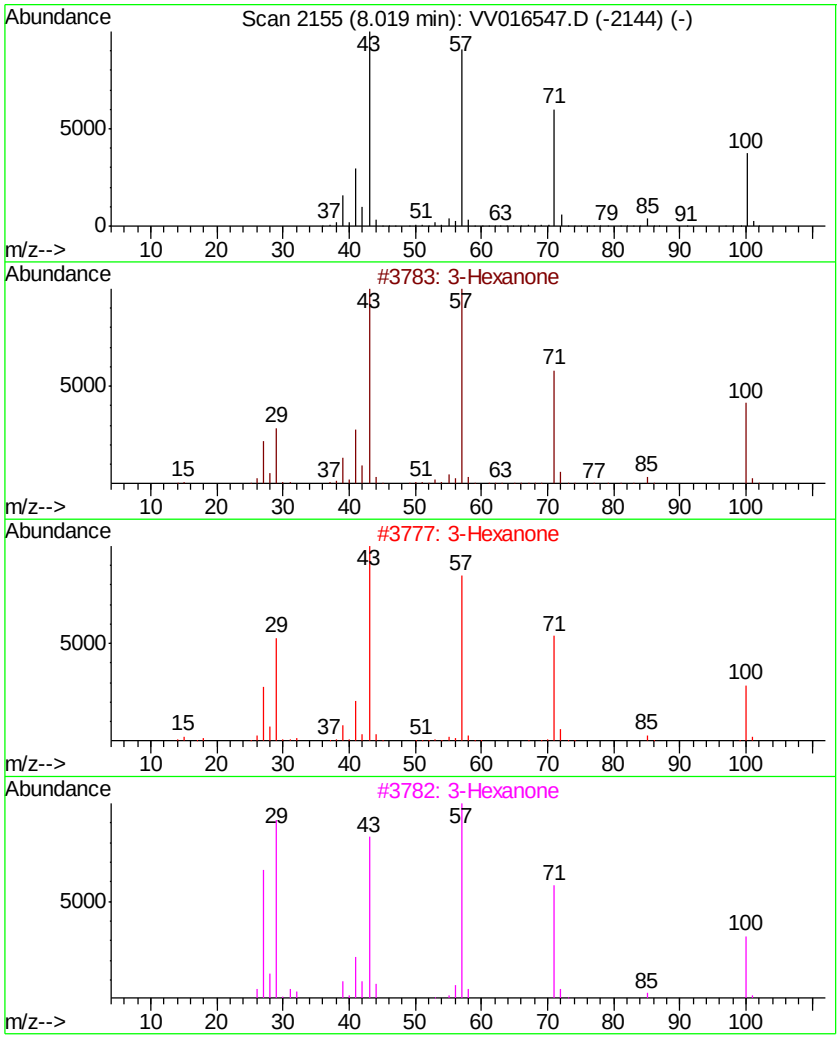
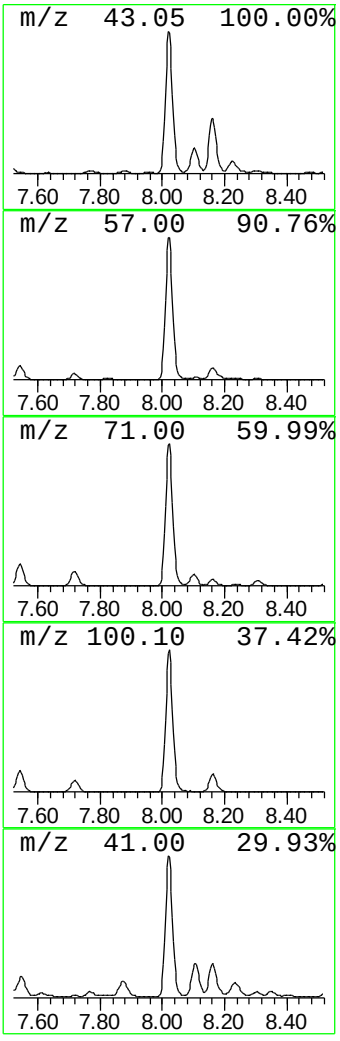
Peak Number 25 3-Hexanone Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	32.87 ug/L	1567640	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	86
4	3-Hexanone	100	C6H12O	000589-38-8	86
5	3-Hexanone	100	C6H12O	000589-38-8	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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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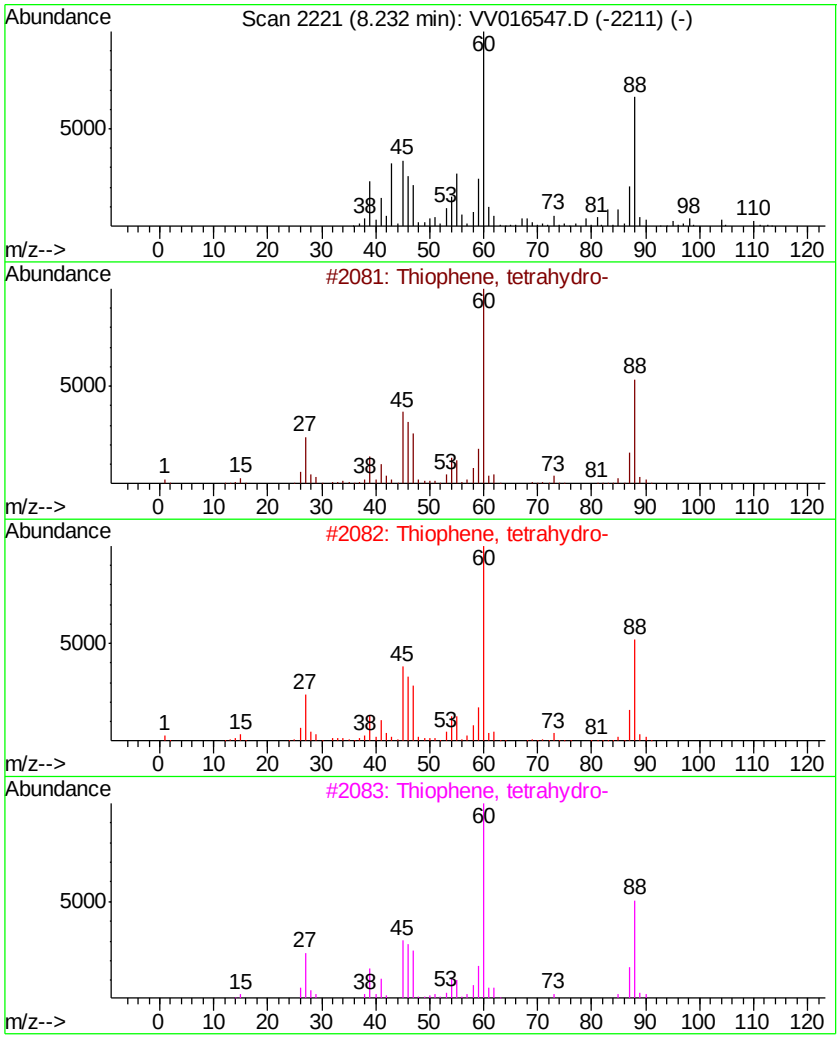
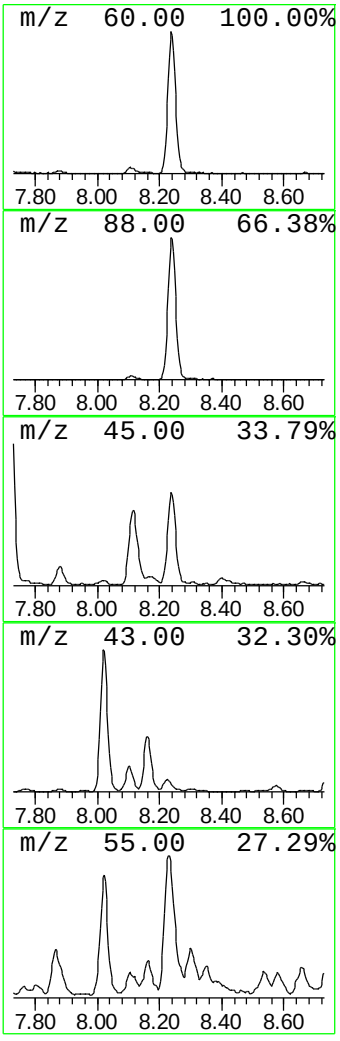
Peak Number 26 Thiophene, tetrahydro- Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	11.10 ug/L	529493	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	97
2	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	95
3	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	94
4	Thietane, 2-methyl-	88	C4H8S	017837-41-1	81
5	Phospholane	88	C4H9P	003466-00-0	50





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Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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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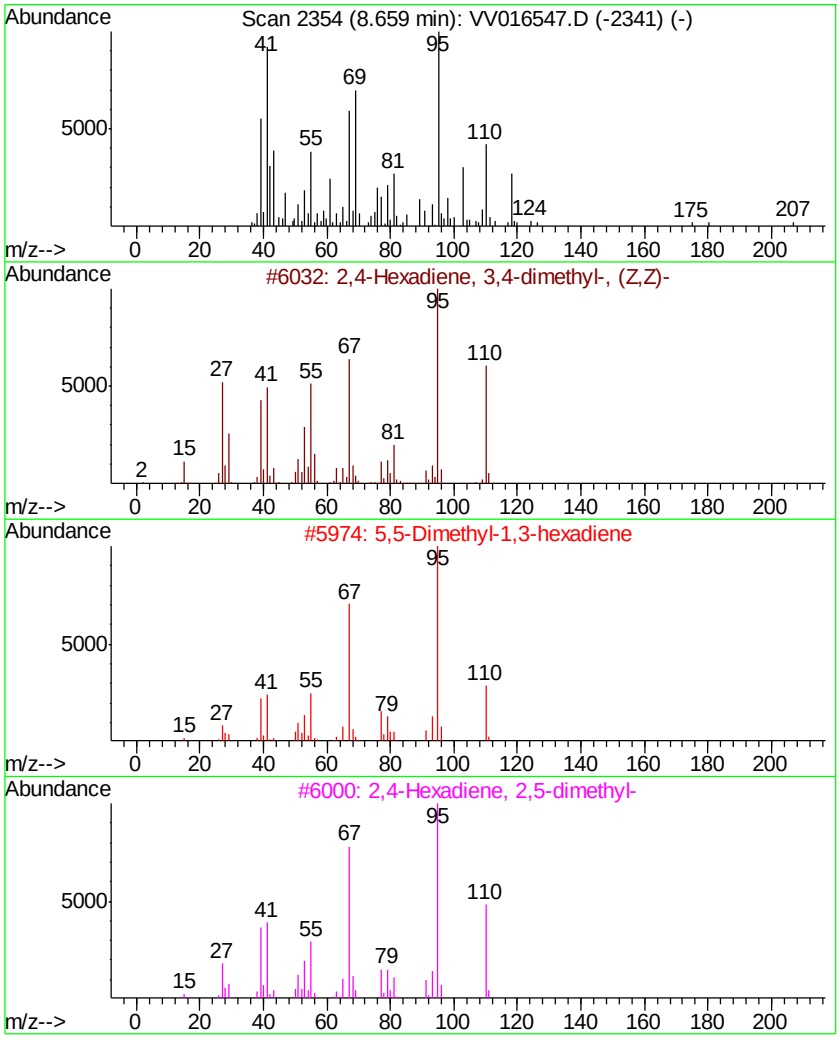
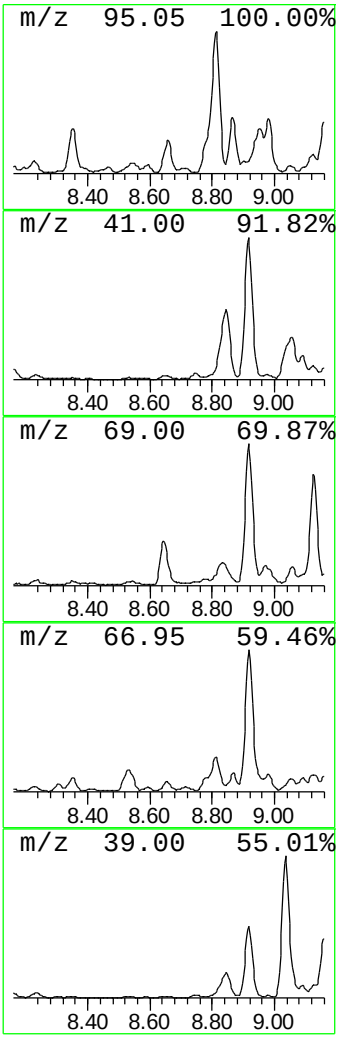
Peak Number 27 unknown-02 Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	2.91 ug/L	138545	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadiene, 3,4-dimethyl-, (Z...	110	C8H14	021293-01-6	46
2	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	46
3	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	46
4	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	45
5	Cyclopentene, 1-(1-methylethyl)-	110	C8H14	001462-07-3	43





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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

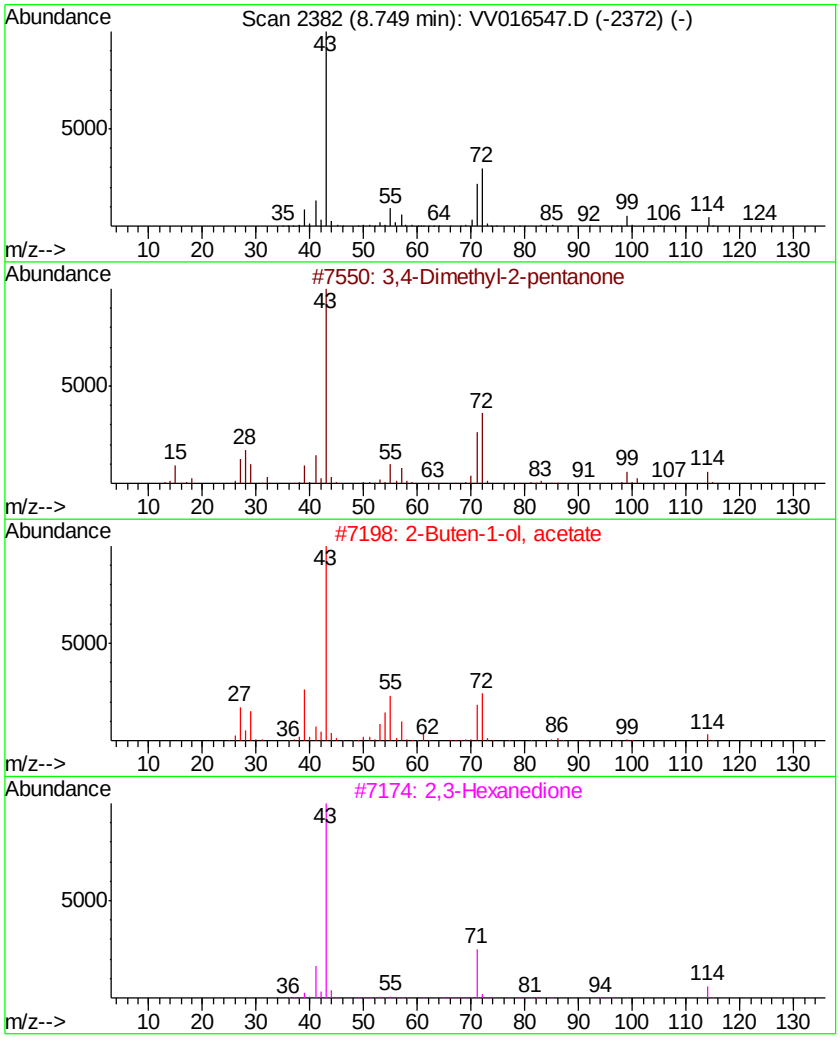
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

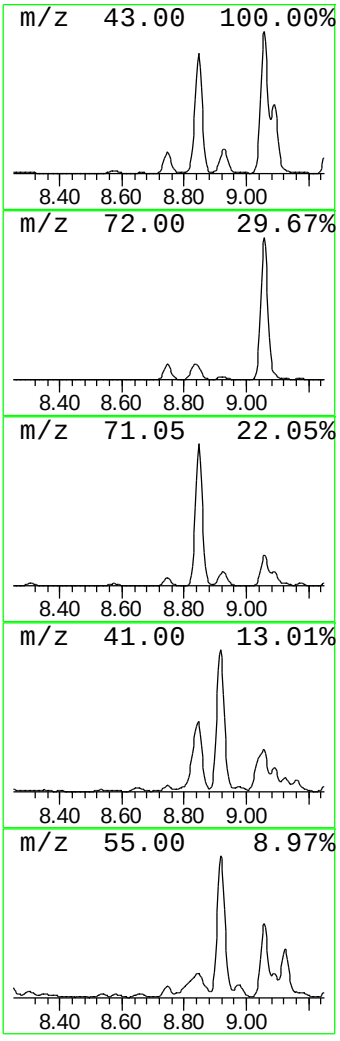
****

Peak Number 28 3,4-Dimethyl-2-pentanone Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	5.49 ug/L	261730	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethyl-2-pentanone	114	C7H14O	1000202-23-1	91
2	2-Buten-1-ol, acetate	114	C6H10O2	000628-08-0	45
3	2,3-Hexanedione	114	C6H10O2	003848-24-6	43
4	Butanal, 2-ethyl-	100	C6H12O	000097-96-1	38
5	Butanal, 2-ethyl-	100	C6H12O	000097-96-1	38





Library Search Compound Report

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Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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

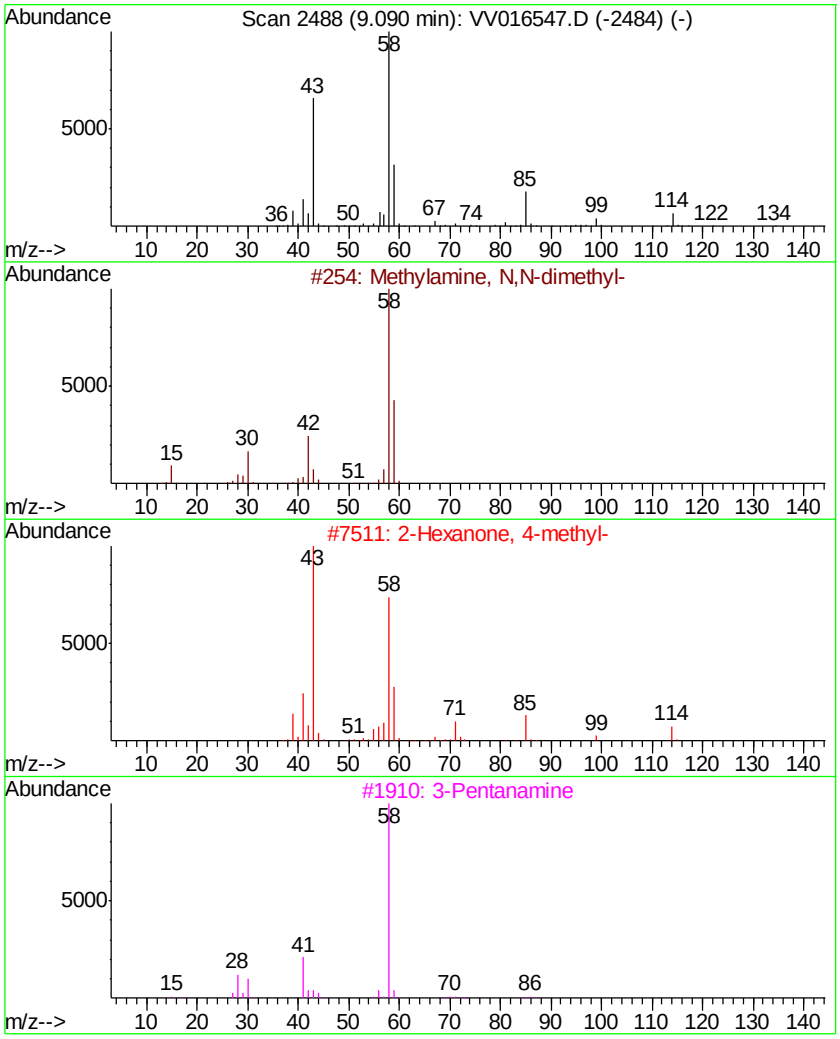
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

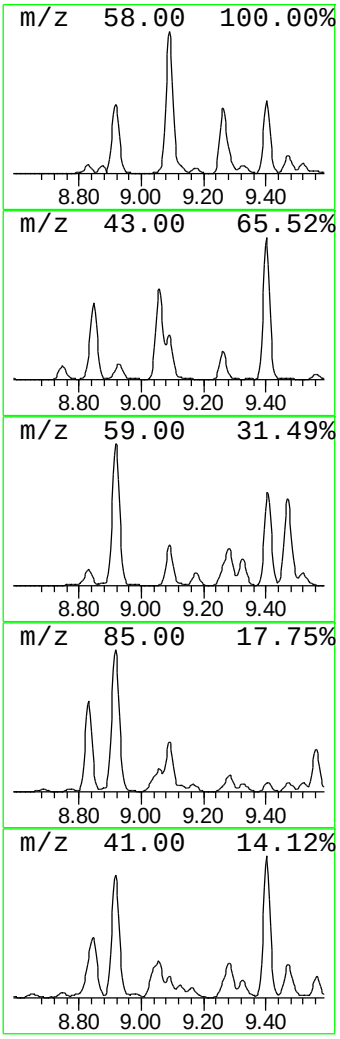
****

Peak Number 29 Methylamine, N,N-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	19.86 ug/L	947053	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylamine, N,N-dimethyl-	59	C3H9N	000075-50-3	64
2	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	47
3	3-Pentanamine	87	C5H13N	000616-24-0	40
4	2-Pentanamine, 2,4,4-trimethyl-	129	C8H19N	000107-45-9	33
5	2-Propanamine, 2-methyl-	73	C4H11N	000075-64-9	28





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Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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

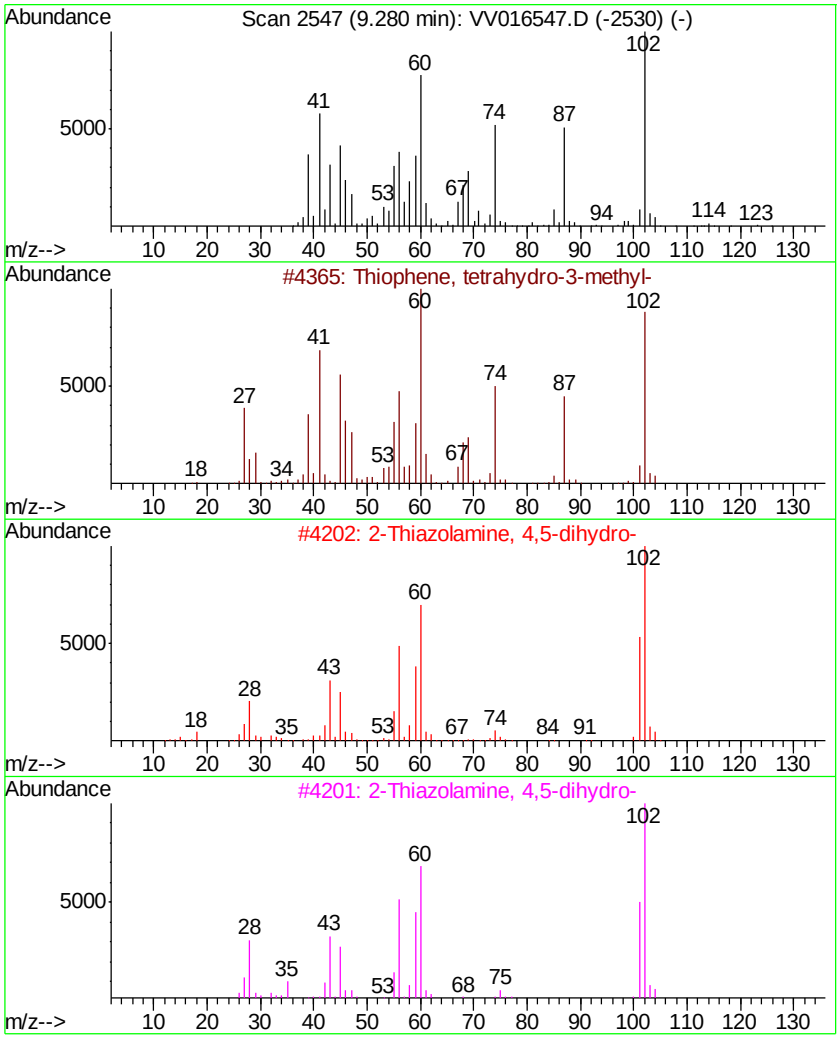
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

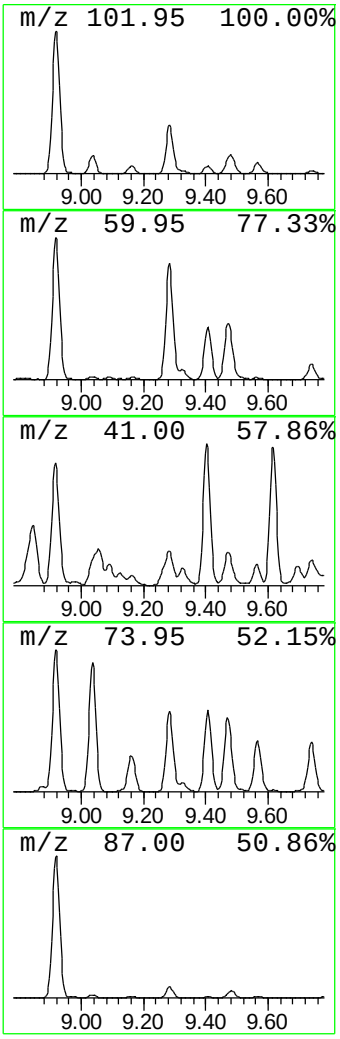
****

Peak Number 30 Thiophene, tetrahydro-3-met... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	46.26 ug/L	2206330	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	2-Thiazolamine, 4,5-dihydro-	102	C3H6N2S	001779-81-3	49
3	2-Thiazolamine, 4,5-dihydro-	102	C3H6N2S	001779-81-3	43
4	Thiophene, tetrahydro-2-methyl-	102	C5H10S	001795-09-1	43
5	2-Thiazolamine, 4,5-dihydro-	102	C3H6N2S	001779-81-3	43





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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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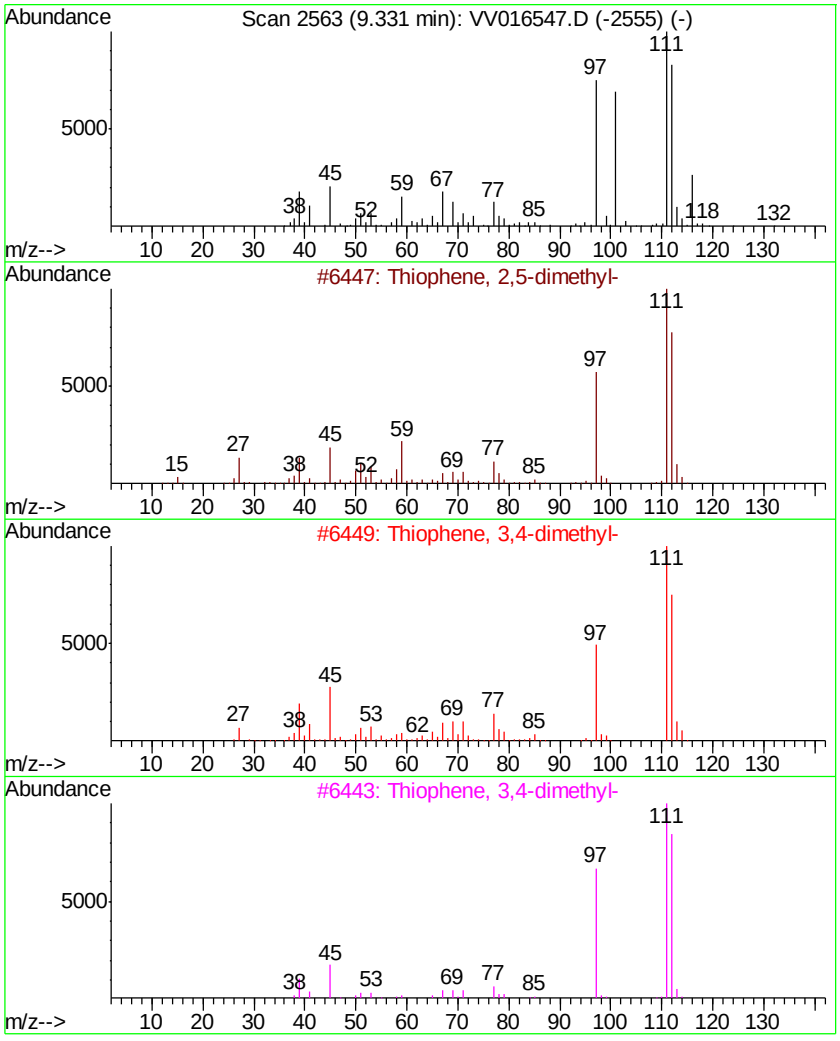
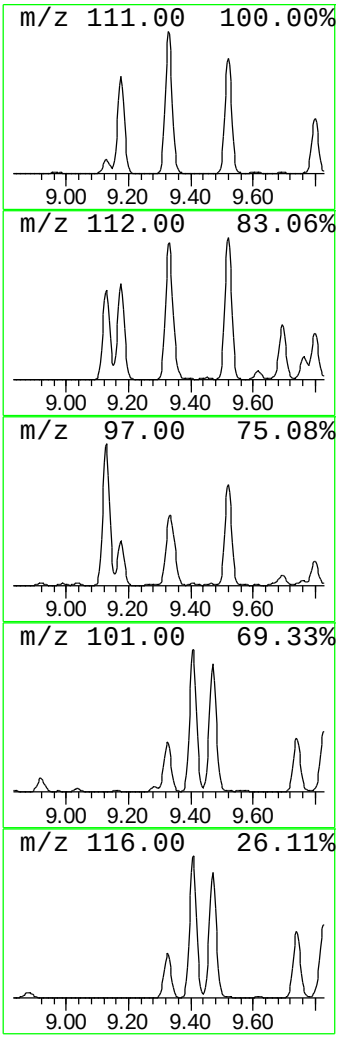
Peak Number 31 Thiophene, 2,5-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	30.54 ug/L	1456300	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	64
2	Thiophene, 3,4-dimethyl-	112	C6H8S	000632-15-5	64
3	Thiophene, 3,4-dimethyl-	112	C6H8S	000632-15-5	64
4	Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	60
5	Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	58





Library Search Compound Report

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Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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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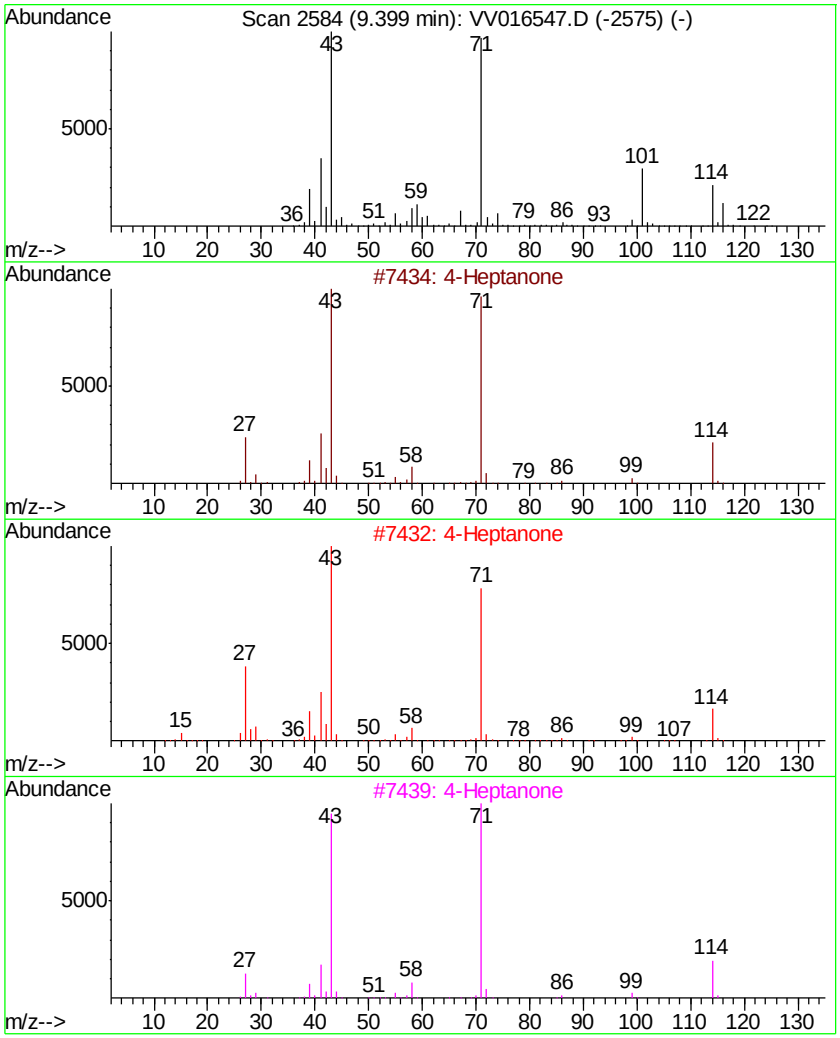
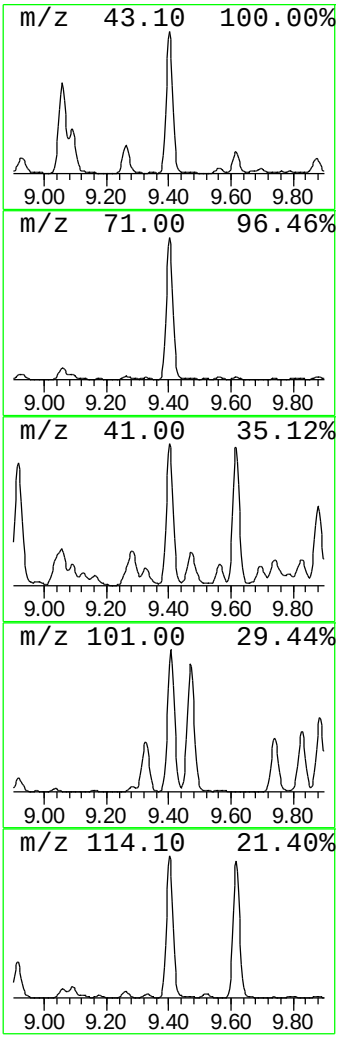
Peak Number 32 4-Heptanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	114.41 ug/L	5456230	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone	114	C7H14O	000123-19-3	64
2	4-Heptanone	114	C7H14O	000123-19-3	64
3	4-Heptanone	114	C7H14O	000123-19-3	58
4	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	53
5	4-Heptanone	114	C7H14O	000123-19-3	52





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Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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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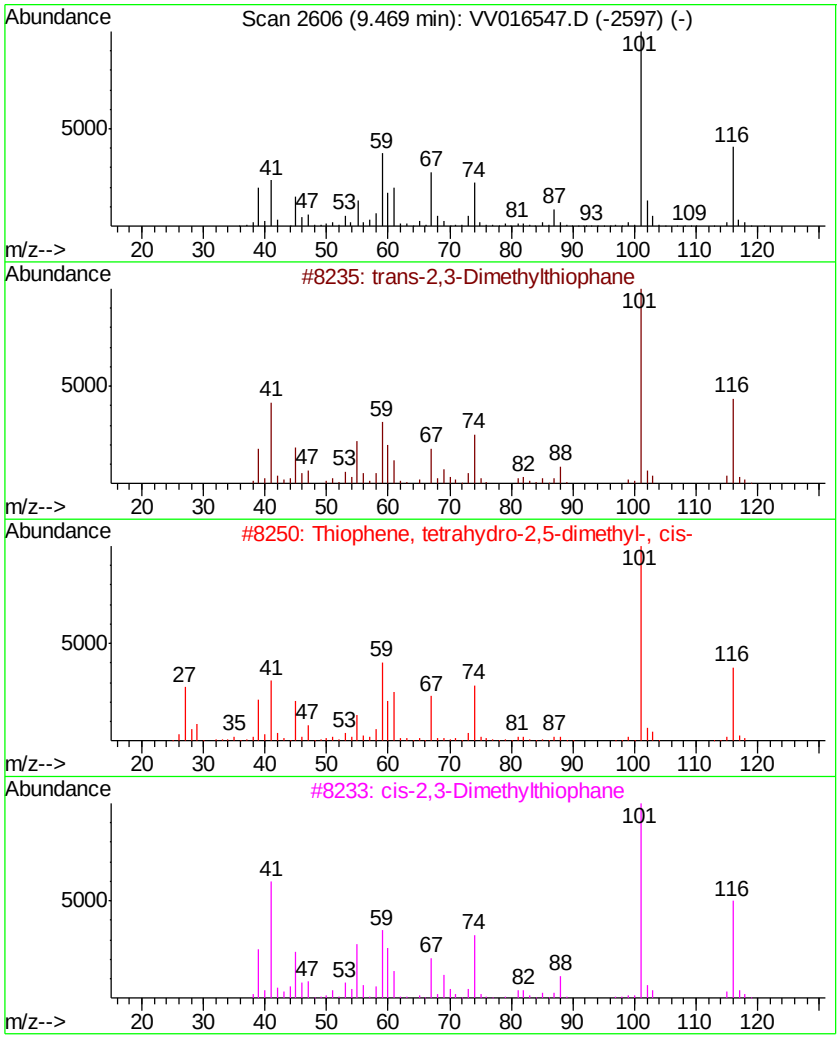
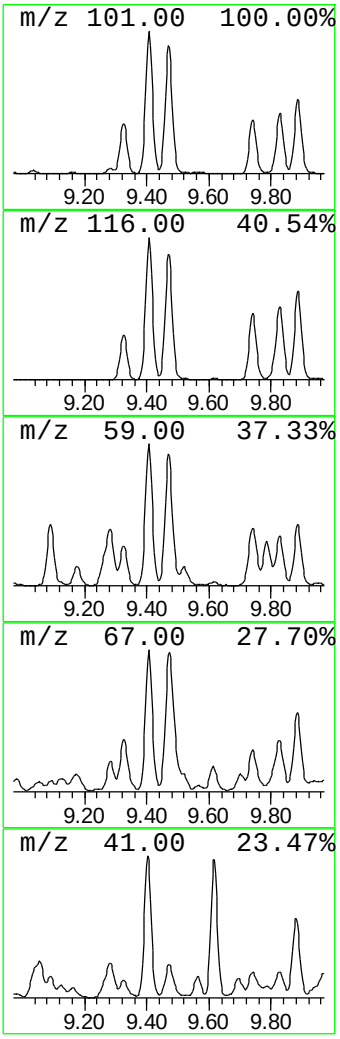
Peak Number 33 trans-2,3-Dimethylthiophane Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	44.78 ug/L	2135780	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	91
2	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	90
3	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	87
4	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	83
5	Thiazole, 4,5-dihydro-4-methyl-2...	116	C4H8N2S	010416-81-6	58





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Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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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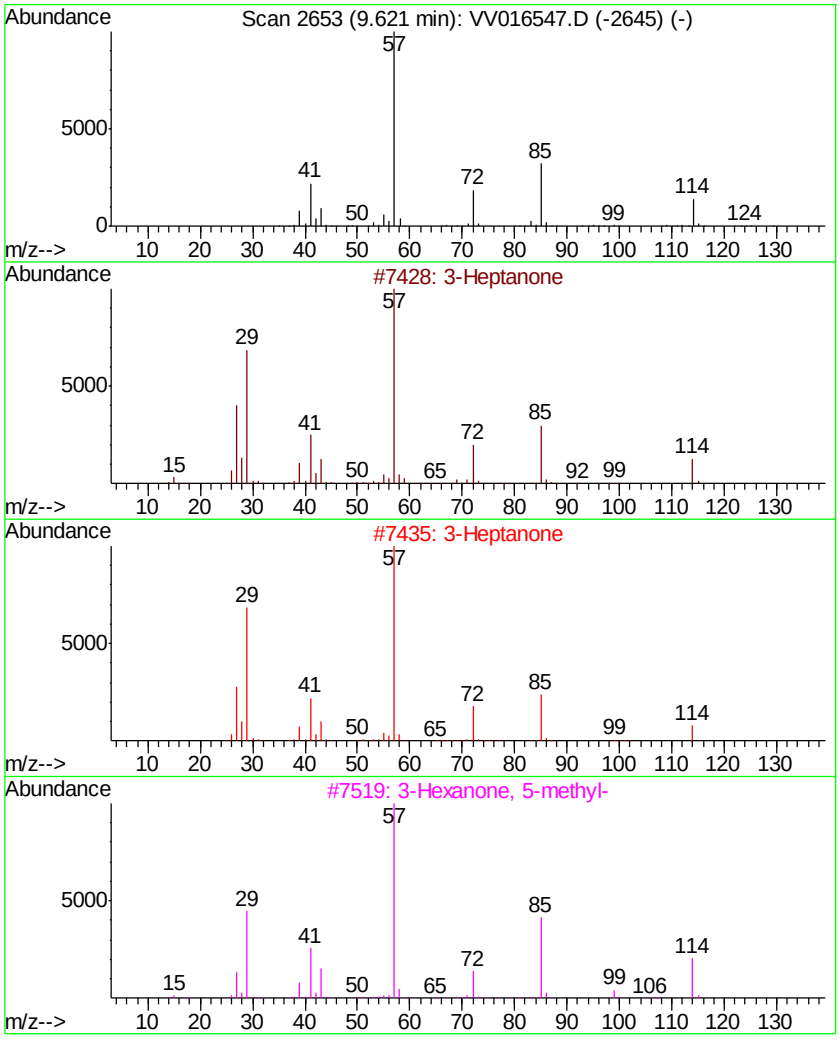
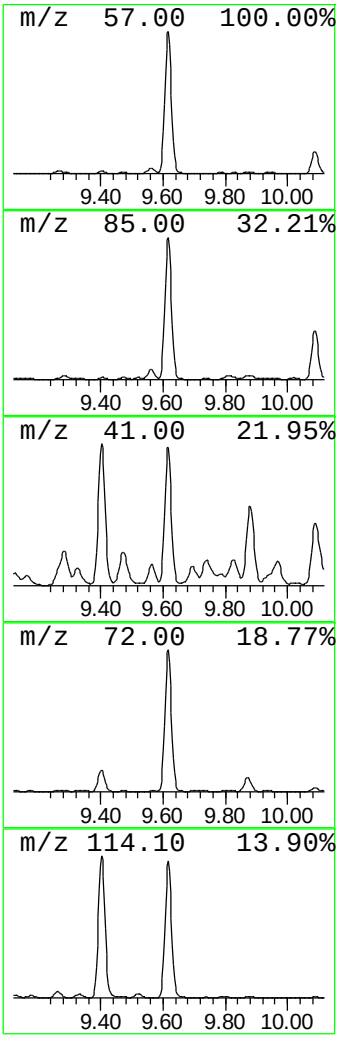
Peak Number 34 3-Heptanone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	91.76 ug/L	4376000	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanone	114	C7H14O	000106-35-4	91
2	3-Heptanone	114	C7H14O	000106-35-4	87
3	3-Hexanone, 5-methyl-	114	C7H14O	000623-56-3	86
4	3-Heptanone	114	C7H14O	000106-35-4	80
5	3-Heptanone	114	C7H14O	000106-35-4	80





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Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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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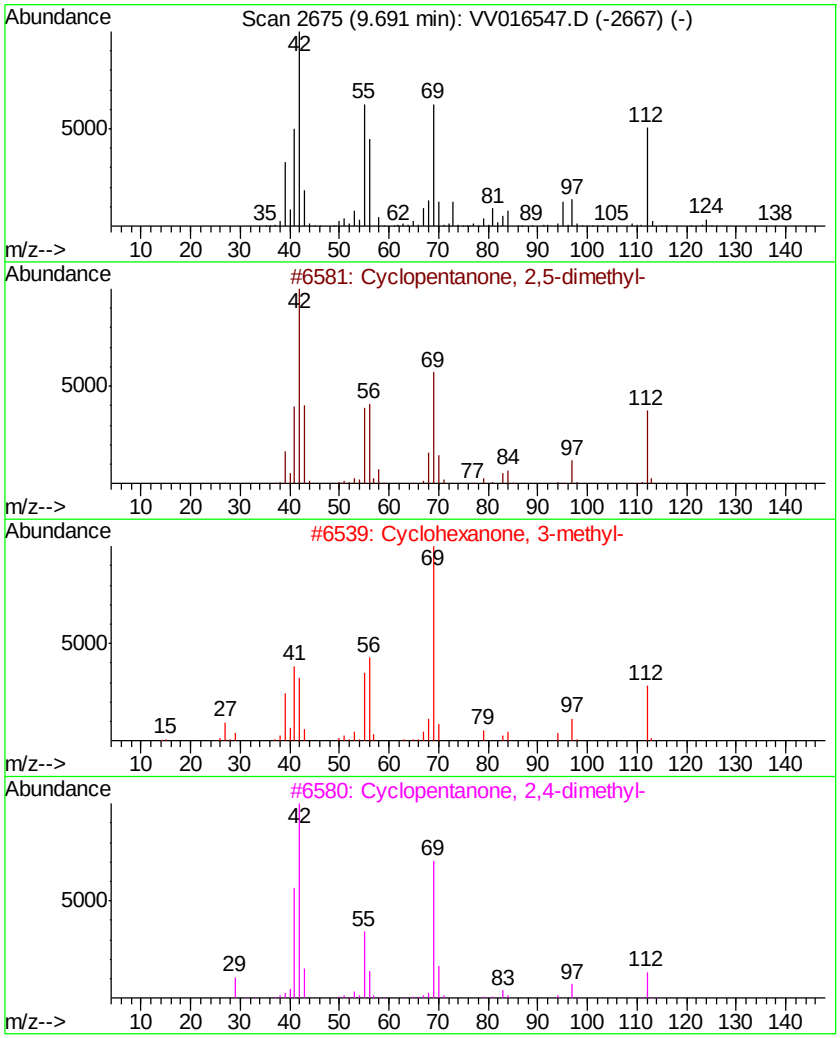
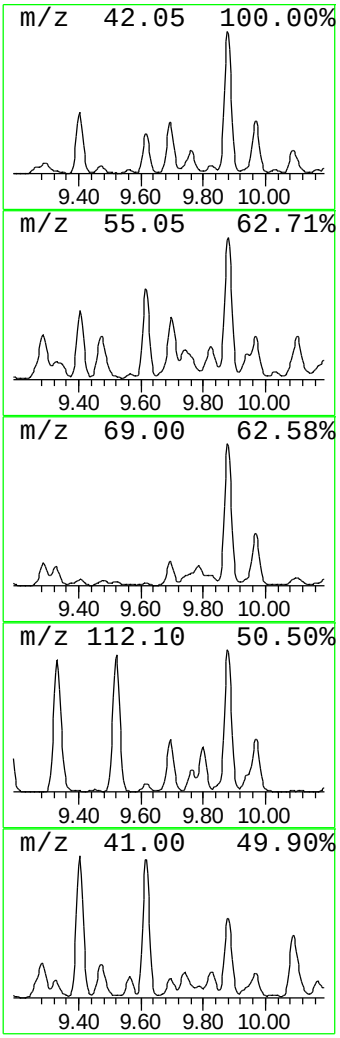
Peak Number 35 Cyclopentanone, 2,5-dimethyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	14.05 ug/L	669936	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2,5-dimethyl-	112	C7H12O	004041-09-2	74
2	Cyclohexanone, 3-methyl-	112	C7H12O	000591-24-2	47
3	Cyclopentanone, 2,4-dimethyl-	112	C7H12O	001121-33-1	47
4	Cyclohexanone, 3-methyl-, (R)-	112	C7H12O	013368-65-5	43
5	4-Morpholinecarbonitrile	112	C5H8N2O	001530-89-8	43





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Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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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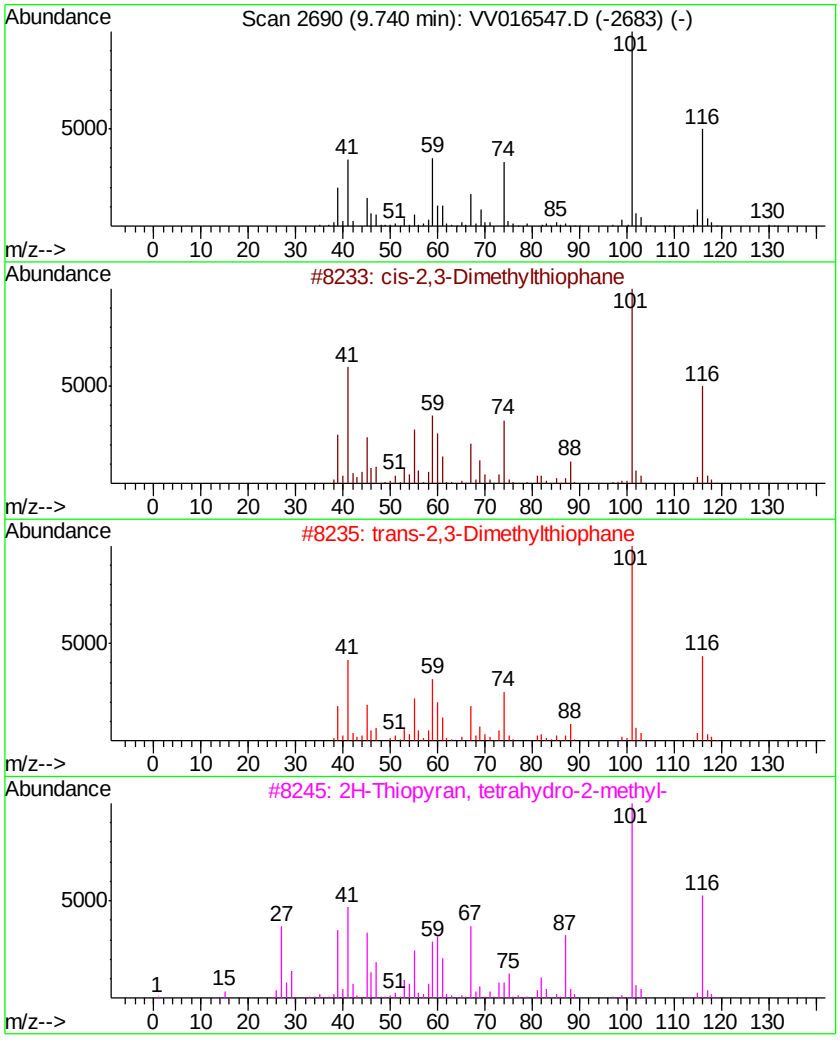
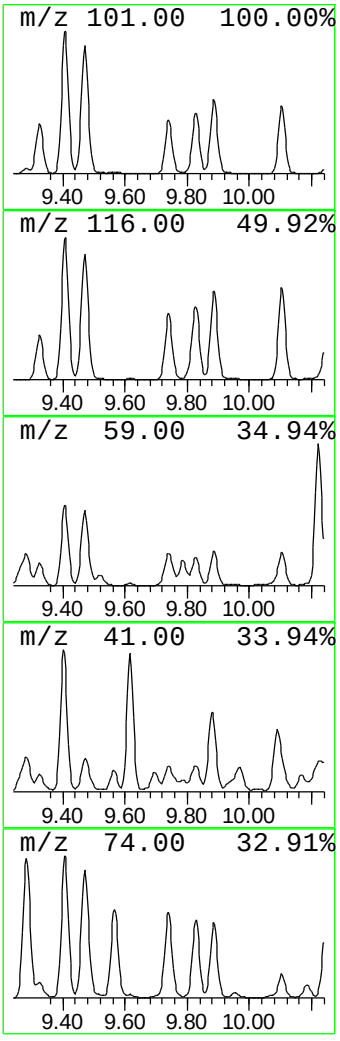
Peak Number 36 cis-2,3-Dimethylthiophane Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	14.60 ug/L	696515	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	93
3	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	74
4	Thiazole, 4,5-dihydro-4-methyl-2...	116	C4H8N2S	010416-81-6	59
5	N-(1,3,4-Thiadiazol-2-yl)formamide	129	C3H3N3OS	026861-89-2	58





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Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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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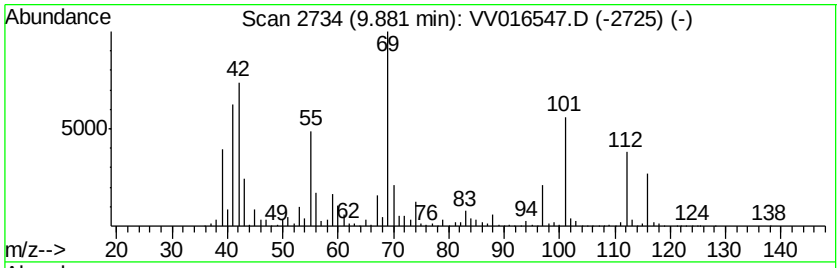
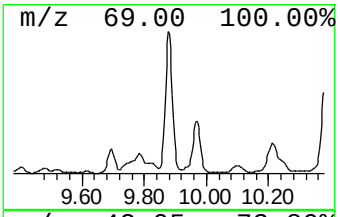
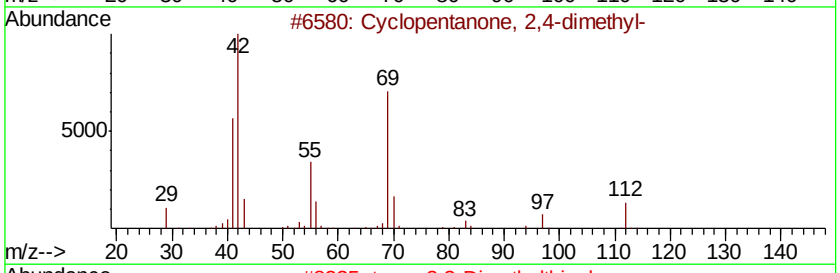
Peak Number 38 Cyclopentanone, 2,4-dimethyl- Concentration Rank 14

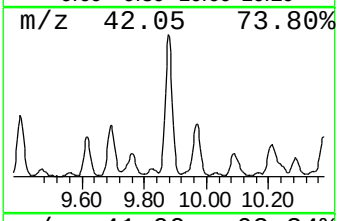
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	61.19 ug/L	2918260	Chlorobenzene-d5	8.87

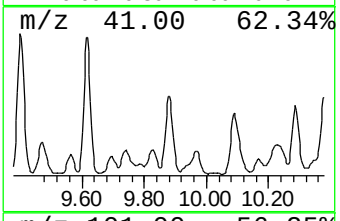
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2,4-dimethyl-	112	C7H12O	001121-33-1	64
2	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	59
3	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	53
4	Cyclopentanone, 2,5-dimethyl-	112	C7H12O	004041-09-2	50
5	trans-3,4-Dimethylcyclopentanone	112	C7H12O	019550-73-3	49

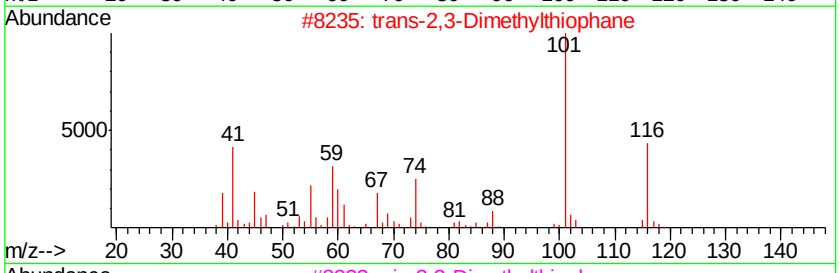


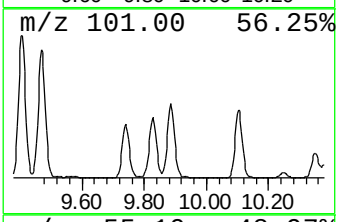


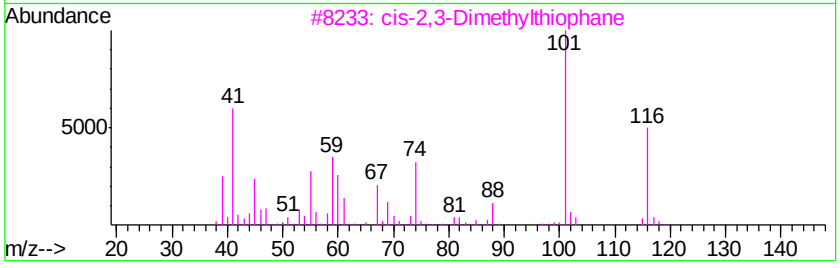


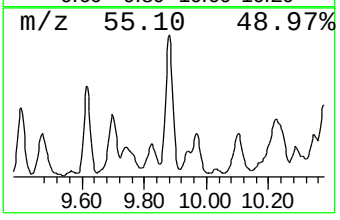












Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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

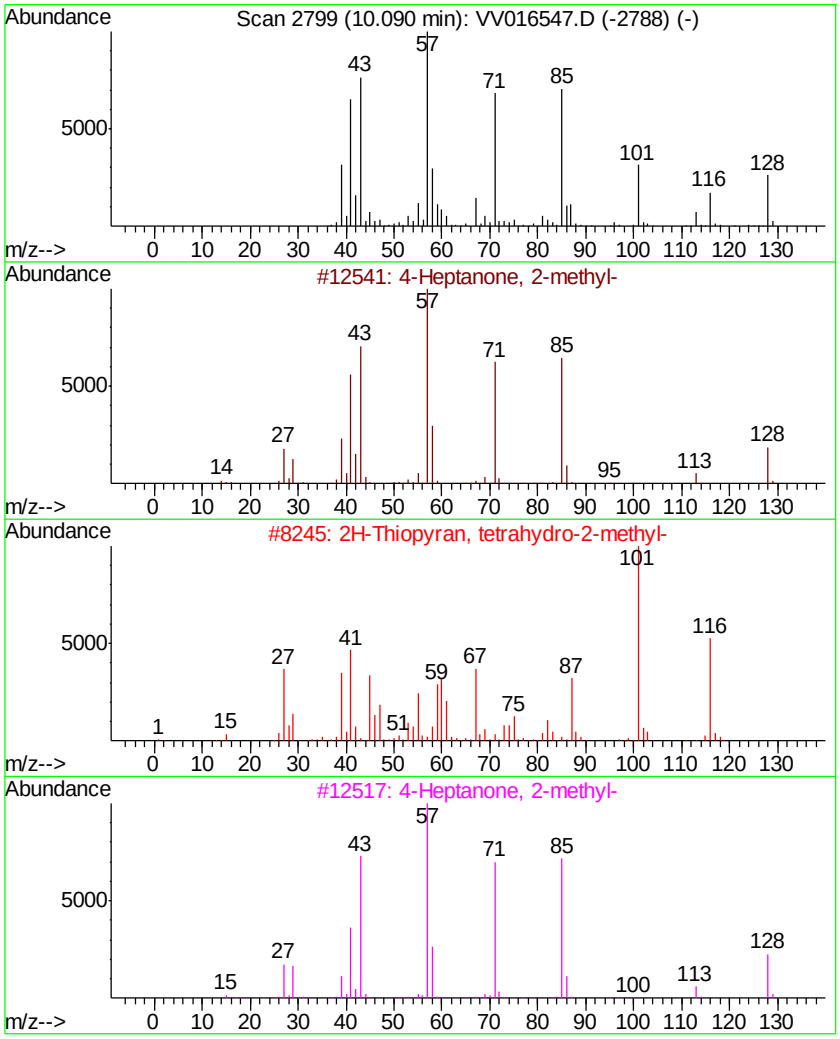
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

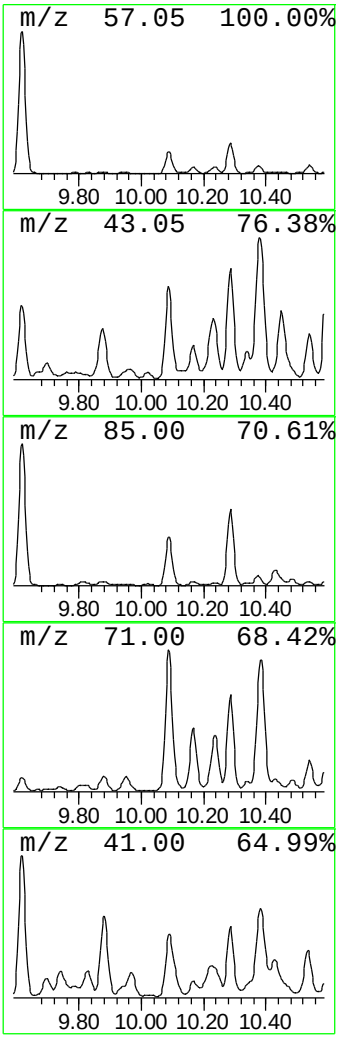
****

Peak Number 39 4-Heptanone, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	94.03 ug/L	2908200	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	89
2	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	87
3	4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	86
4	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	56
5	4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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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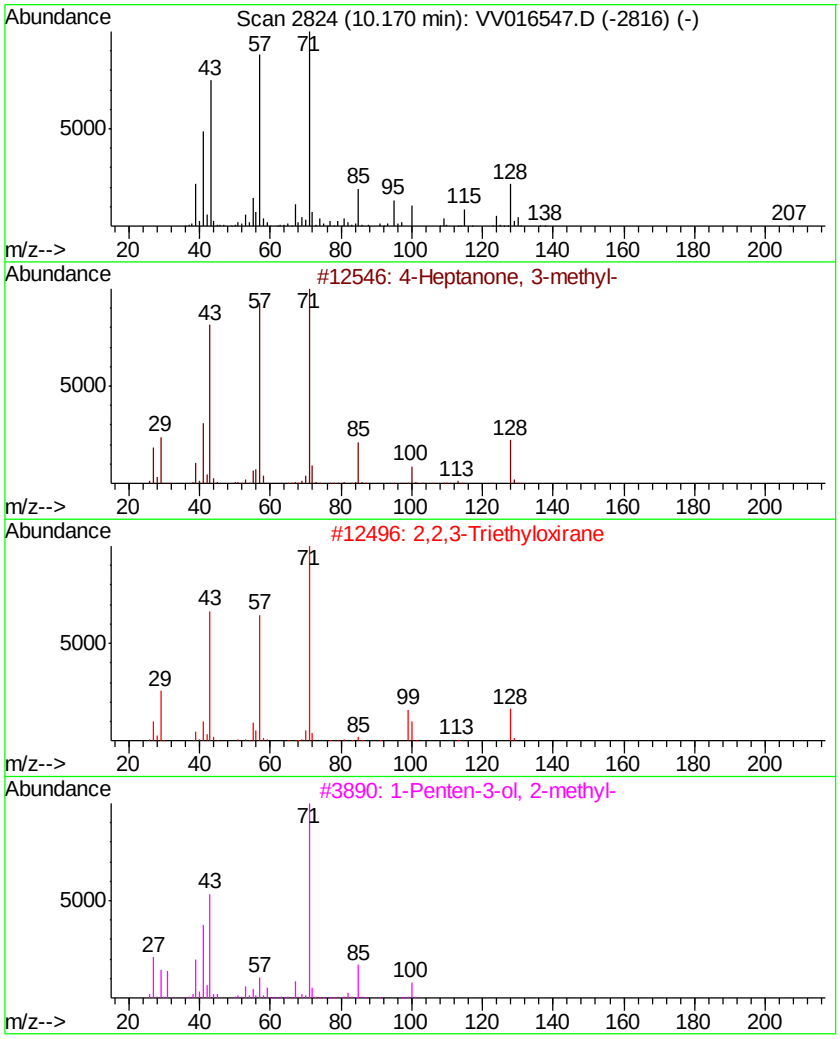
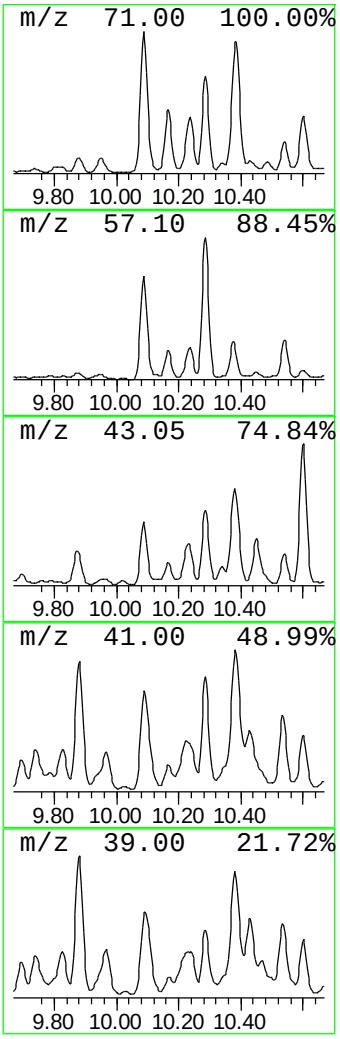
Peak Number 40 4-Heptanone, 3-methyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	13.67 ug/L	422806	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	90
2	2,2,3-Triethyloxirane	128	C8H16O	053229-40-6	74
3	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	59
4	4-Octanone	128	C8H16O	000589-63-9	59
5	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	53





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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

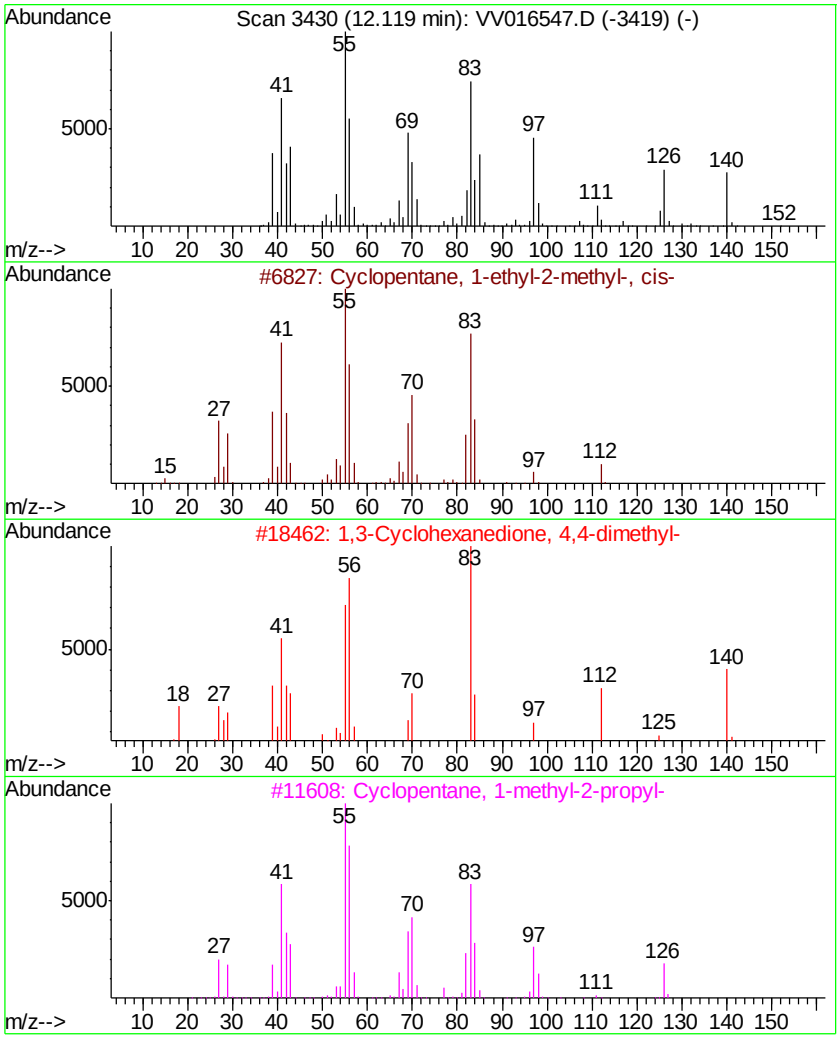
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

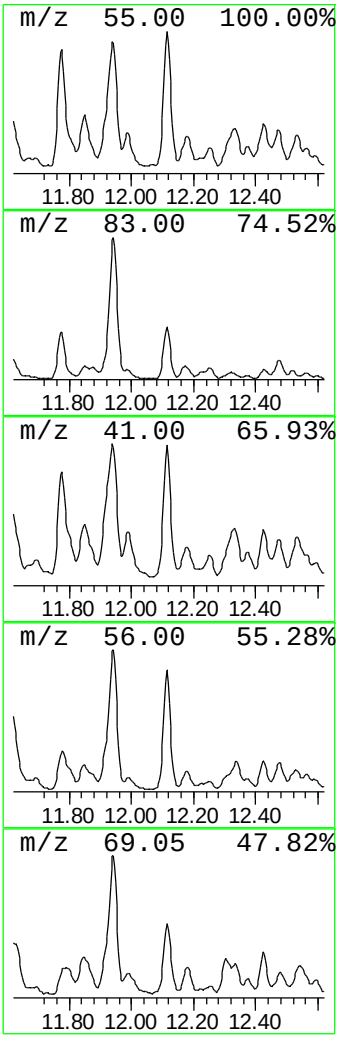
****

Peak Number 59 (DEL) Alkane: Cyclic12.12 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	53.79 ug/L	1663700	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	60
2	1,3-Cyclohexanedione, 4,4-dimethyl-	140	C8H12O2	000562-46-9	58
3	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	49
4	Cyclohexanone, 3-ethyl-	126	C8H14O	022461-89-8	49
5	2,3-Dimethyl-2-heptene	126	C9H18	003074-64-4	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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

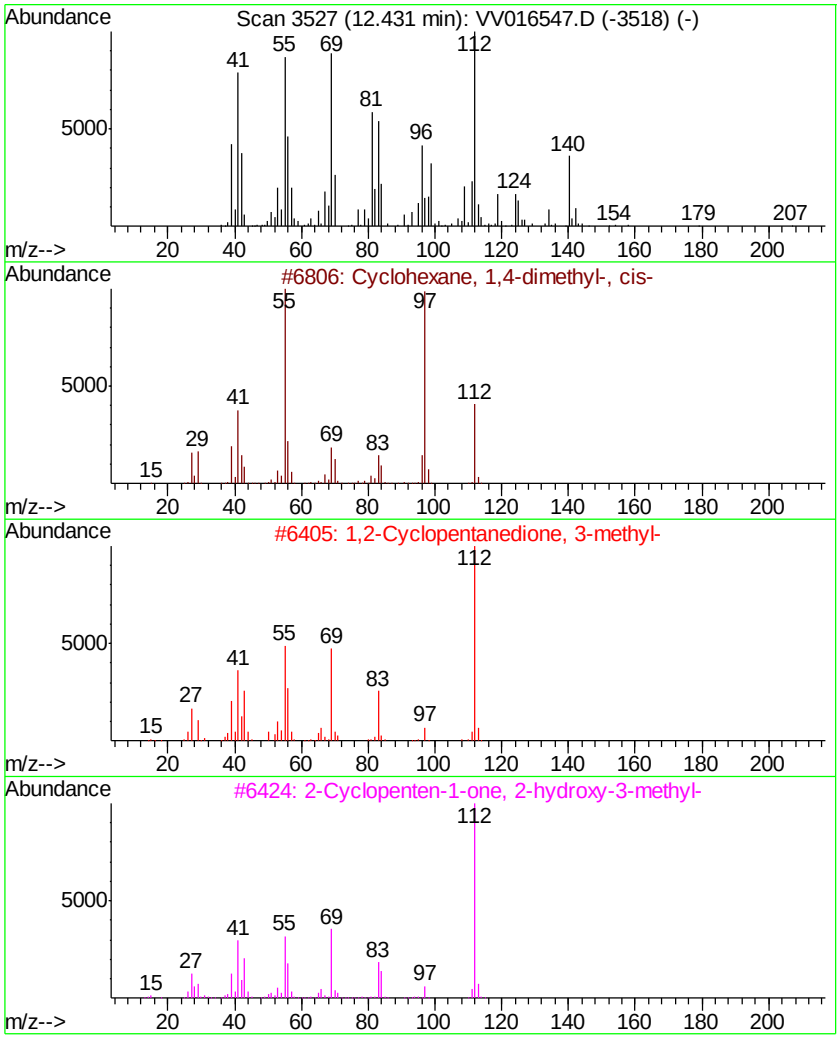
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

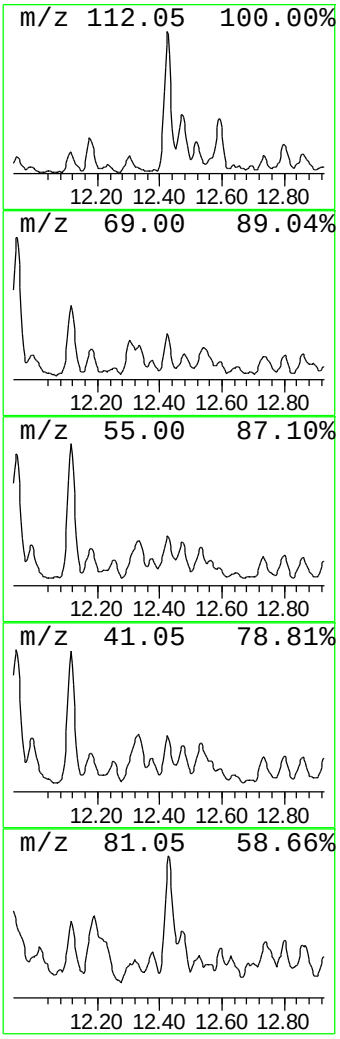
****

Peak Number 61 (DEL) Alkane: Cyclic12.43 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	15.57 ug/L	481500	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	60
2	1,2-Cyclopentanedione, 3-methyl-	112	C6H8O2	000765-70-8	58
3	2-Cyclopenten-1-one, 2-hydroxy-3...	112	C6H8O2	000080-71-7	53
4	3-Octene, (E)-	112	C8H16	014919-01-8	49
5	Cycloheptanone, 2-ethyl-	140	C9H16O	003183-41-3	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

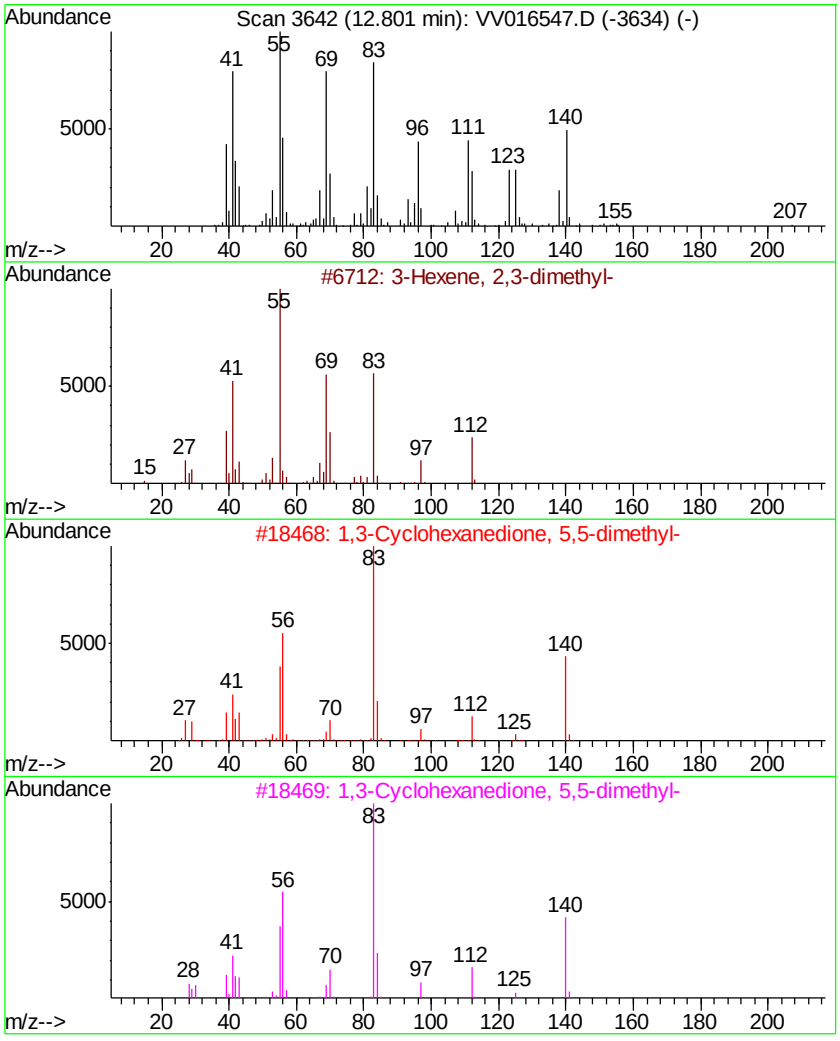
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

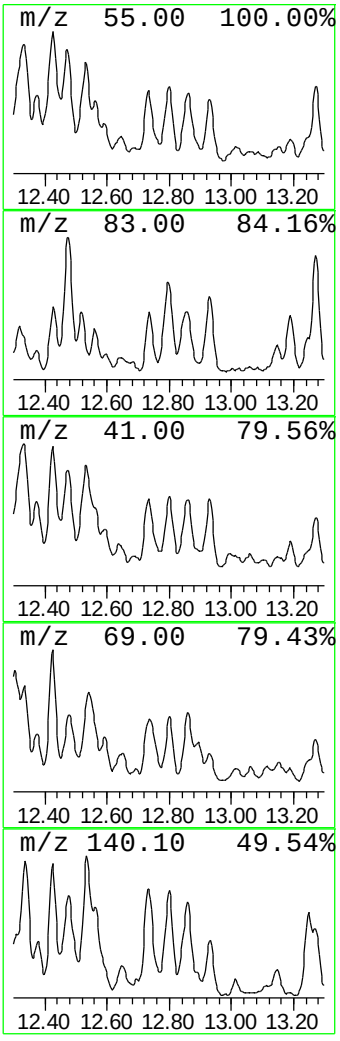
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	8.69 ug/L	268613	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, 2,3-dimethyl-	112	C8H16	007145-23-5	41
2	1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	38
3	1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	38
4	Cyclopentane, propyl-	112	C8H16	002040-96-2	30
5	Imidazole, 2-acetamido-	125	C5H7N3O	052737-49-2	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

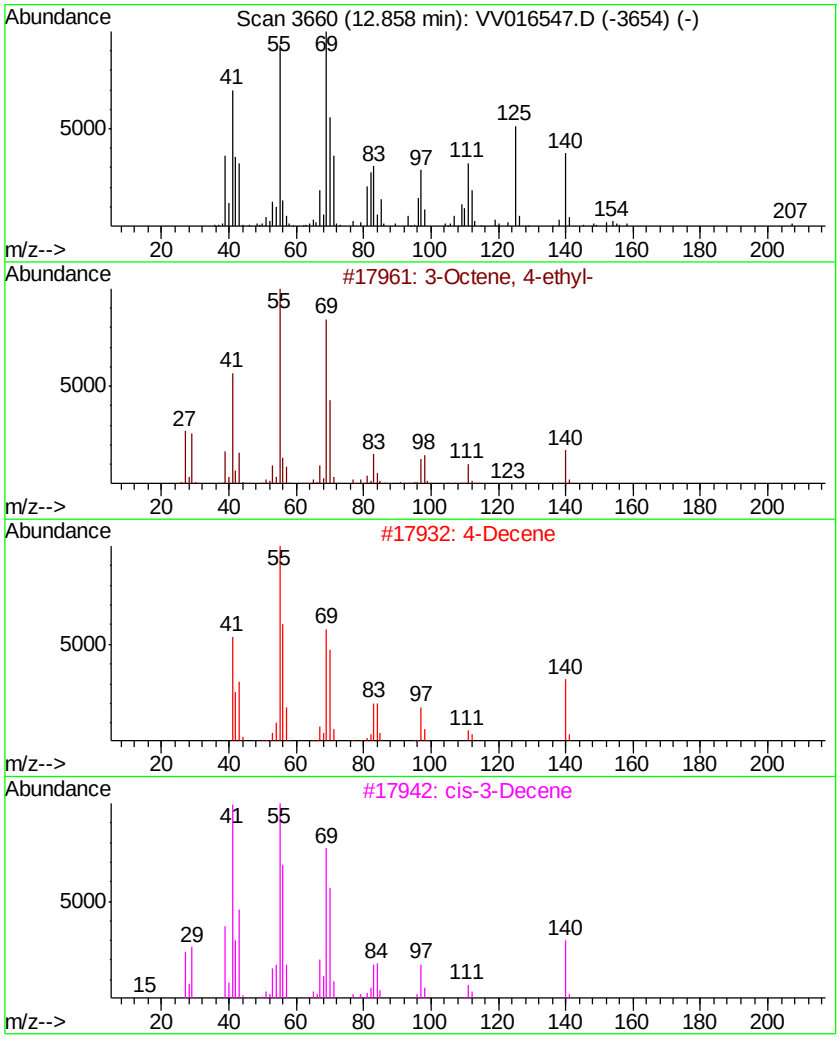
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

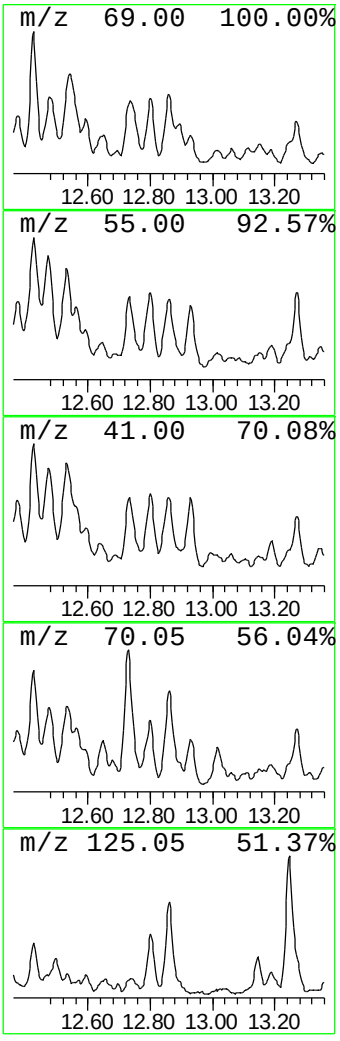
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 65 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	5.62 ug/L	173767	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octene, 4-ethyl-	140	C10H20	053966-51-1	58
2	4-Decene	140	C10H20	019689-18-0	58
3	cis-3-Decene	140	C10H20	019398-86-8	49
4	trans-3-Decene	140	C10H20	019150-21-1	47
5	3,4-Diethyl-2-hexene	140	C10H20	1000113-54-8	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060520\
Data File : VV016547.D
Acq On : 05 Jun 2020 19:39
Operator : SY/MD
Sample : L2861-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E67

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	1.36	16.6	ug/L	338225	1	5.64	1020110	50.0
(DEL) Alkane: Str...	1.42	14.5	ug/L	295690	1	5.64	1020110	50.0
(DEL) Alkane: Str...	1.62	13.9	ug/L	282776	1	5.64	1020110	50.0
(DEL) Alkane: Cyc...	1.77	15.1	ug/L	308426	1	5.64	1020110	50.0
(DEL) Alkane: Str...	1.81	12.8	ug/L	260980	1	5.64	1020110	50.0
(DEL) Alkane: Str...	1.90	26.8	ug/L	546409	1	5.64	1020110	50.0
(DEL) Alkane: Str...	1.99	16.4	ug/L	333797	1	5.64	1020110	50.0
Ethanethiol	2.03	17.7	ug/L	360513	1	5.64	1020110	50.0
Cyclopentene	2.49	69.1	ug/L	1410250	1	5.64	1020110	50.0
(DEL) Alkane: Cyc...	2.59	46.6	ug/L	949823	1	5.64	1020110	50.0
2,4-Hexadiene, (E...	3.45	11.4	ug/L	232914	1	5.64	1020110	50.0
(DEL) Alkane: Cyc...	3.78	19.1	ug/L	390564	1	5.64	1020110	50.0
1,5-Hexadiyne	5.17	12954.8	ug/L	264305000	1	5.64	1020110	50.0
Cyclobutane, ethe...	5.25	55.7	ug/L	1135730	1	5.64	1020110	50.0
Propane, 2-(methy...	5.34	11.7	ug/L	239138	1	5.64	1020110	50.0
Thiophene	5.39	68.3	ug/L	1394110	1	5.64	1020110	50.0
2-Pentanone	5.55	9.1	ug/L	185893	1	5.64	1020110	50.0
Diethyl sulfide	5.97	22.6	ug/L	461867	1	5.64	1020110	50.0
3-Pentanone	6.35	9.1	ug/L	184843	1	5.64	1020110	50.0
Propane, 2-(ethyl...	7.01	35.6	ug/L	725940	1	5.64	1020110	50.0
2-Pentanone, 3-me...	7.49	12.9	ug/L	613569	2	8.87	2384540	50.0
Thiophene, 2-methyl-	7.54	52.8	ug/L	2517870	2	8.87	2384540	50.0
Thiophene, 3-methyl-	7.72	28.8	ug/L	1373480	2	8.87	2384540	50.0
unknown-01	7.87	7.5	ug/L	358350	2	8.87	2384540	50.0
3-Hexanone	8.02	32.9	ug/L	1567640	2	8.87	2384540	50.0
Thiophene, tetrah...	8.23	11.1	ug/L	529493	2	8.87	2384540	50.0
unknown-02	8.66	2.9	ug/L	138545	2	8.87	2384540	50.0
3,4-Dimethyl-2-pe...	8.75	5.5	ug/L	261730	2	8.87	2384540	50.0
Methylamine, N,N-...	9.09	19.9	ug/L	947053	2	8.87	2384540	50.0
Thiophene, tetrah...	9.28	46.3	ug/L	2206330	2	8.87	2384540	50.0
Thiophene, 2,5-di...	9.33	30.5	ug/L	1456300	2	8.87	2384540	50.0
4-Heptanone	9.40	114.4	ug/L	5456230	2	8.87	2384540	50.0
trans-2,3-Dimethy...	9.47	44.8	ug/L	2135780	2	8.87	2384540	50.0
3-Heptanone	9.62	91.8	ug/L	4376000	2	8.87	2384540	50.0
Cyclopentanone, 2...	9.69	14.1	ug/L	669936	2	8.87	2384540	50.0
cis-2,3-Dimethylt...	9.74	14.6	ug/L	696515	2	8.87	2384540	50.0
Cyclopentanone, 2...	9.88	61.2	ug/L	2918260	2	8.87	2384540	50.0
4-Heptanone, 2-me...	10.09	94.0	ug/L	2908200	3	11.27	1546370	50.0
4-Heptanone, 3-me...	10.17	13.7	ug/L	422806	3	11.27	1546370	50.0
(DEL) Alkane: Cyc...	12.12	53.8	ug/L	1663700	3	11.27	1546370	50.0
(DEL) Alkane: Cyc...	12.43	15.6	ug/L	481500	3	11.27	1546370	50.0
(DEL) Alkane: Str...	12.80	8.7	ug/L	268613	3	11.27	1546370	50.0
(DEL) Alkane: Str...	12.86	5.6	ug/L	173767	3	11.27	1546370	50.0