LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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	59	69	78	rBV2	512596	672515	0.37%	0.117%
2	1.364	78	85	95	rVB	304286	293552	0.16%	0.051%
3	1.421	96	103	111	rBV	347131	312636	0.17%	0.054%
4	1.553	135	144	157	rVB2	145590	245945	0.13%	0.043%
5	1.627	158	167	178	rVB	213431	278094	0.15%	0.048%
6	1.765	201	210	217	rVV	605519	764321	0.42%	0.133%
7	1.807	217	223	239	rVV	339801	461998	0.25%	0.080%
8	1.904	243	253	269	rBV	609059	803753	0.44%	0.140%
9	1.987	269	279	286	rVV	437417	604930	0.33%	0.105%
10	2.032	286	293	309	rVV2	338598	510166	0.28%	0.089%
11	2.116	309	319	329	rVV	270709	410112	0.23%	0.071%
12	2.447	411	422	424	rBV3	78903	115884	0.06%	0.020%
13	2.489	425	435	446	rVB	1160972	1948670	1.07%	0.339%
14	2.589	455	466	483	rVB	1011329	1879056	1.03%	0.327%
15	2.672	484	492	504	rVB2	50560	97527	0.05%	0.017%
16	2.775	505	524	538	rVB3	64252	174675	0.10%	0.030%
17	2.965	570	583	600	rBV	204086	402727	0.22%	0.070%
18	3.058	600	612	626	rVB2	76310	156286	0.09%	0.027%
19	3.171	633	647	657	rBV2	53134	111660	0.06%	0.019%
20	3.238	657	668	678	rVV	106850	240349	0.13%	0.042%
21	3.289	679	684	700	rVV2	40183	80889	0.04%	0.014%
22	3.457	720	736	749	rVV4	297054	788419	0.43%	0.137%
23	3.524	749	757	773	rVV2	121106	286367	0.16%	0.050%
24	3.701	799	812	821	rBV3	34235	77204	0.04%	0.013%
25	3.785	822	838	862	rVV	670728	1718792	0.94%	0.299%
26	3.897	863	873	898	rVB	97845	254232	0.14%	0.044%
27	4.376	999	1022	1040	rBV	216040	570545	0.31%	0.099%
28	4.486	1040	1056	1074	rVB3	47206	135185	0.07%	0.024%
29	4.704	1094	1124	1143	rBV	1369408	3436563	1.89%	0.598%
30	5.151	1217	1263	1278	rVV2	52394215	149989948	82.32%	26.121%
31	5.251	1282	1294	1314	rVV	1262218	2890506	1.59%	0.503%
32	5.351	1315	1325	1330	rVV7	65510	146626	0.08%	0.026%
33	5.389	1331	1337	1354	rVB2	98648	208246	0.11%	0.036%
34	5.643	1403	1416	1439	rBV	452636	922781	0.51%	0.161%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

35	5.968	1500	1517	1532	rVV7	31876	81116	0.04%	0.014%
36	6.096	1537	1557	1566	rBV	290590	619138	0.34%	0.108%
37	6.154	1566	1575	1593	rVB	301238	632475	0.35%	0.110%
38	6.572	1689	1705	1707	rBV2	98581	151019	0.08%	0.026%
39	6.826	1771	1784	1795	rBV	136122	252374	0.14%	0.044%
40	7.013	1831	1842	1860	rBV3	233121	437956	0.24%	0.076%
41	7.190	1882	1897	1911	rVB6	109437	285399	0.16%	0.050%
42	7.347	1933	1946	1954	rBV	517419	1053500	0.58%	0.183%
43	7.447	1954	1977	1994	rVV3	66279106	182206440	100.00%	31.731%
44	7.550	1998	2009	2026	rVV	3132387	5000118	2.74%	0.871%
45	7.646	2030	2039	2049	rVB	107982	159248	0.09%	0.028%
46	7.720	2051	2062	2075	rBV	1063448	1703332	0.93%	0.297%
47	7.878	2101	2111	2126	rVB6	60656	119948	0.07%	0.021%
48	8.109	2171	2183	2196	rBV	378712	630793	0.35%	0.110%
49	8.309	2235	2245	2255	rBV2	57129	99305	0.05%	0.017%
50	8.874	2404	2421	2428	rBV2	708622	1243239	0.68%	0.217%
51	8.919	2428	2435	2457	rVB	944180	1557780	0.85%	0.271%
52	9.048	2458	2475	2491	rBV2	40537976	74703406	41.00%	13.010%
53	9.167	2492	2512	2535	rVB	21889695	38929708	21.37%	6.780%
54	9.289	2535	2550	2555	rBV	437108	724458	0.40%	0.126%
55	9.331	2555	2563	2577	rVB2	1865919	3103450	1.70%	0.540%
56	9.408	2577	2587	2597	rBV	931834	1441948	0.79%	0.251%
57	9.473	2597	2607	2615	rBV	829966	1379916	0.76%	0.240%
58	9.524	2615	2623	2627	rVV	1197274	1725894	0.95%	0.301%
59	9.572	2627	2638	2650	rVB	20471061	32907509	18.06%	5.731%
60	9.739	2674	2690	2700	rBV3	544653	958522	0.53%	0.167%
61	9.800	2700	2709	2712	rBV	435416	608006	0.33%	0.106%
62	9.887	2726	2736	2746	rVB	586514	927162	0.51%	0.161%
63	9.955	2746	2757	2767	rBV	1200832	1807907	0.99%	0.315%
64	10.103	2788	2803	2818	rVB	732624	1252440	0.69%	0.218%
65	10.186	2819	2829	2836	rBV3	69595	131507	0.07%	0.023%
66	10.244	2836	2847	2856	rBV3	768270	1257096	0.69%	0.219%
67	10.309	2856	2867	2874	rVB4	118090	209449	0.11%	0.036%
68	10.376	2874	2888	2897	rBV	1370977	2334457	1.28%	0.407%
69	10.431	2897	2905	2910	rBV	1100048	1516001	0.83%	0.264%
70	10.469	2910	2917	2938	rVB	3110266	6425555	3.53%	1.119%
71	10.563	2938	2946	2957	rVB	788020	1206264	0.66%	0.210%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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	10.624	2958	2965	2971	rBV2	82286	106285	0.06%	0.019%
73	10.678	2971	2982	2989	rBV	133785	271772	0.15%	0.047%
74	10.759	2998	3007	3016	rBV	2394718	3991584	2.19%	0.695%
75	10.865	3029	3040	3051	rVB4	576606	1046302	0.57%	0.182%
76	10.939	3051	3063	3073	rBV	3678195	5482922	3.01%	0.955%
77	11.119	3110	3119	3126	rBV2	157579	288209	0.16%	0.050%
78	11.270	3154	3166	3177	rVB2	1009997	1772874	0.97%	0.309%
79	11.360	3184	3194	3204	rVB	2892638	4277085	2.35%	0.745%
80	11.418	3204	3212	3221	rVB2	132223	195528	0.11%	0.034%
81	11.553	3243	3254	3264	rBV	1506999	2437981	1.34%	0.425%
82	11.649	3274	3284	3294	rBV2	667793	1083984	0.59%	0.189%
83	11.768	3311	3321	3333	rVB	822862	1267834	0.70%	0.221%
84	11.839	3334	3343	3350	rBV2	78056	128902	0.07%	0.022%
85	11.932	3365	3372	3377	rVV	84604	123120	0.07%	0.021%
86	11.964	3378	3382	3389	rVB	70014	81094	0.04%	0.014%
87	12.038	3398	3405	3411	rBV2	155209	206731	0.11%	0.036%
88	12.138	3427	3436	3456	rVB2	307121	616982	0.34%	0.107%
89	12.276	3470	3479	3489	rBV	90460	158462	0.09%	0.028%
90	12.341	3491	3499	3507	rVB	112341	165563	0.09%	0.029%
91	12.395	3508	3516	3521	rBV8	46806	79316	0.04%	0.014%
92	12.488	3539	3545	3566	rVB2	147693	264853	0.15%	0.046%
93	12.749	3618	3626	3634	rBV	96443	140437	0.08%	0.024%
94	12.906	3664	3675	3687	rBV2	499102	806672	0.44%	0.140%
95	12.971	3687	3695	3711	rVB2	220165	346237	0.19%	0.060%
96	13.077	3716	3728	3748	rBV2	345019	597771	0.33%	0.104%
97	13.527	3855	3868	3890	rVB	3364976	5125792	2.81%	0.893%
98	13.646	3894	3905	3926	rVB	485682	778400	0.43%	0.136%
99	14.659	4210	4220	4235	rBV2	161765	316003	0.17%	0.055%
100	14.845	4266	4278	4292	rBV2	157849	282033	0.15%	0.049%

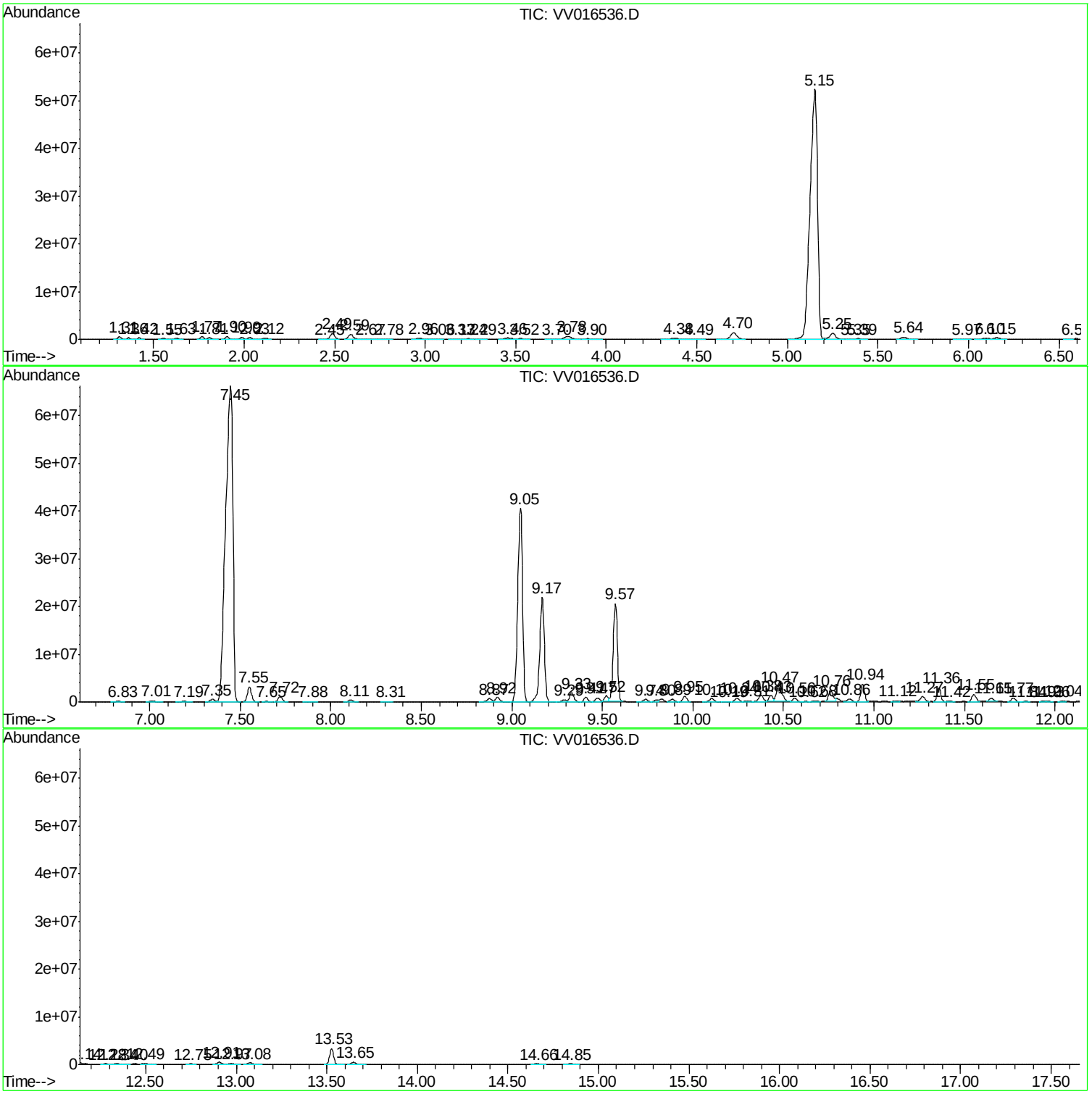
Sum of corrected areas: 574215722

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E40

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 : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

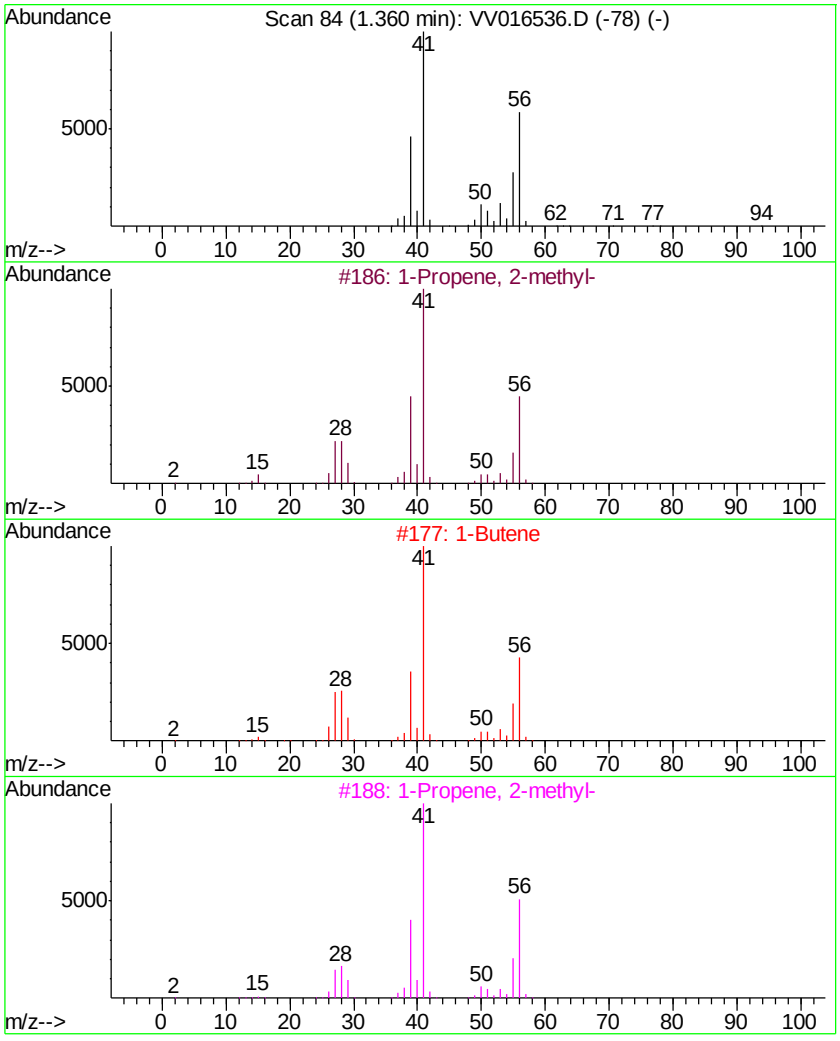
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

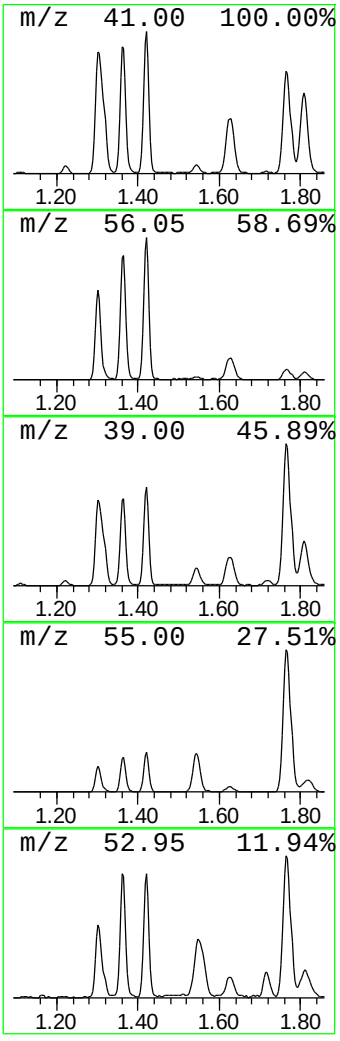
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.36	15.91 ug/L	293552	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	86
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	80
4	2-Butene, (Z)-	56	C4H8	000590-18-1	74
5	2-Butene, (Z)-	56	C4H8	000590-18-1	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

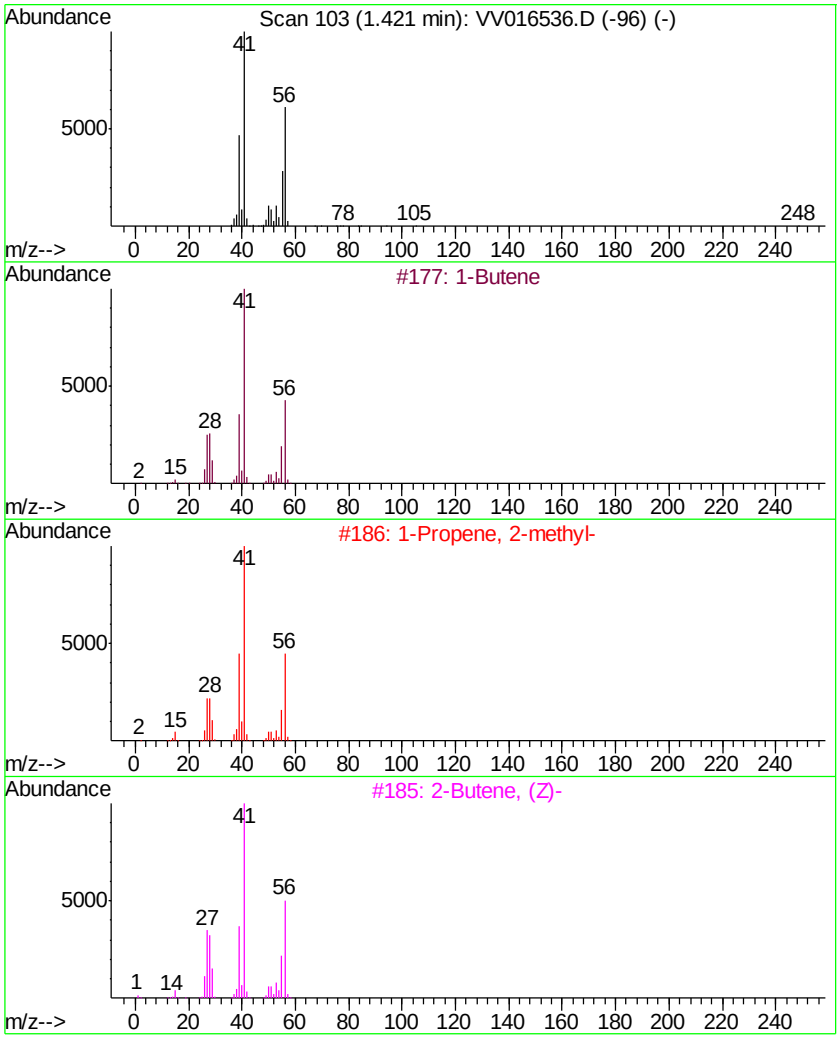
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

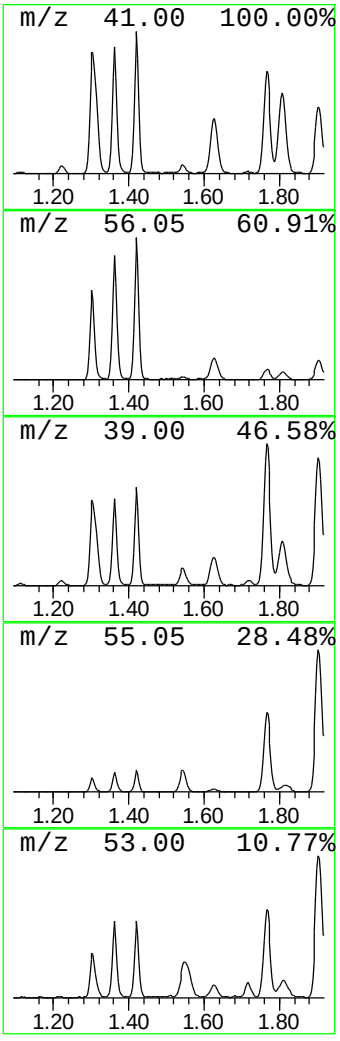
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.42	16.94 ug/L	312636	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene	56	C4H8	000106-98-9	87
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	87
3	2-Butene, (Z)-	56	C4H8	000590-18-1	74
4	2-Butene, (E)-	56	C4H8	000624-64-6	74
5	2-Butene, (Z)-	56	C4H8	000590-18-1	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

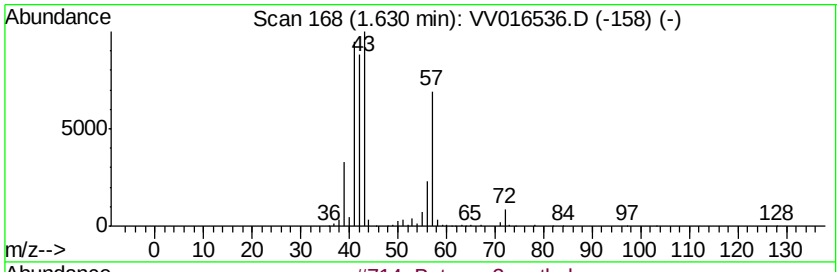
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

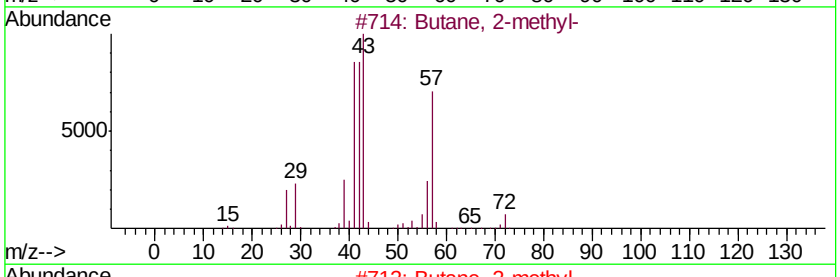
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

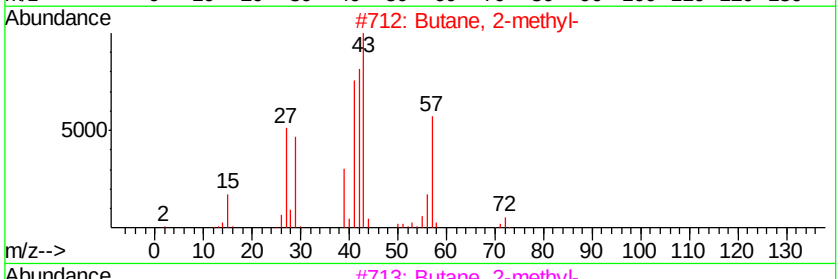
****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 42

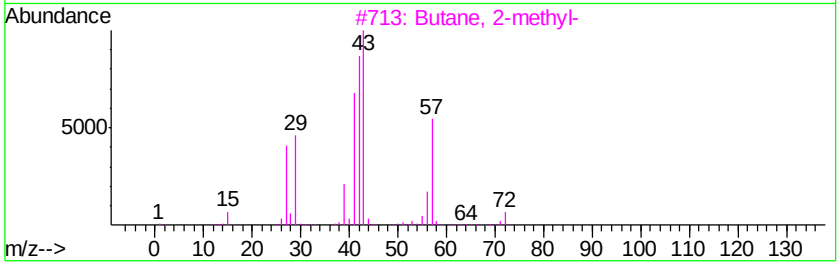
R.T.	EstConc	Area	Relative to ISTD	R.T.
1.63	15.07 ug/L	278094	1,4-Difluorobenzene	5.64

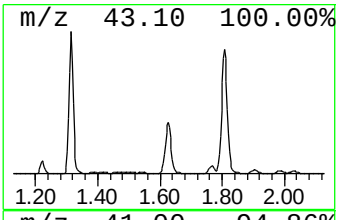
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2	Butane, 2-methyl-	72	C5H12	000078-78-4	91
3	Butane, 2-methyl-	72	C5H12	000078-78-4	91
4	3-Buten-1-ol	72	C4H8O	000627-27-0	47
5	Pentane	72	C5H12	000109-66-0	36

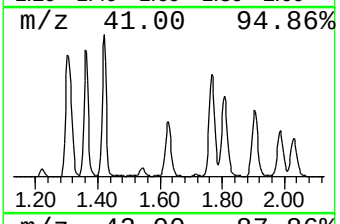


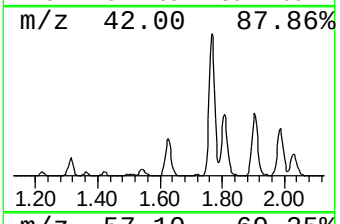


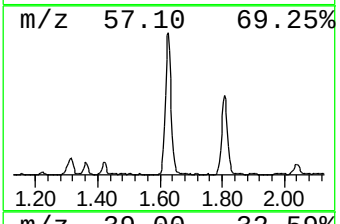


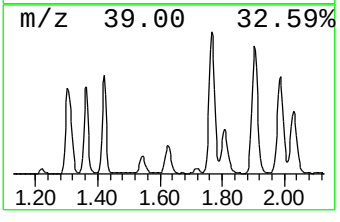












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

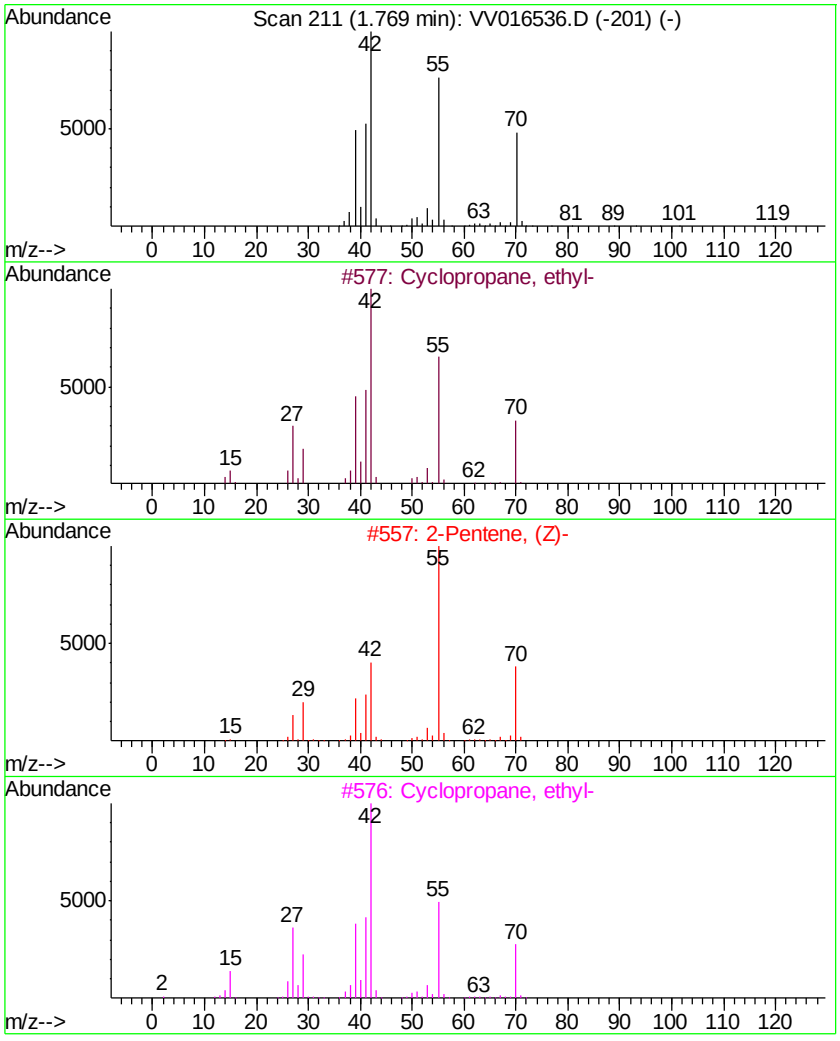
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

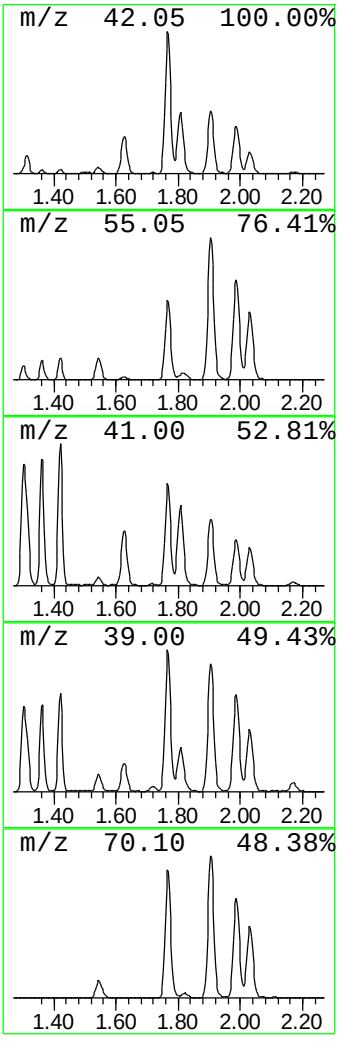
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.77	41.41 ug/L	764321	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	91
2	2-Pentene, (Z)-	70	C5H10	000627-20-3	83
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	78
4	1-Pentene	70	C5H10	000109-67-1	68
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	62





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

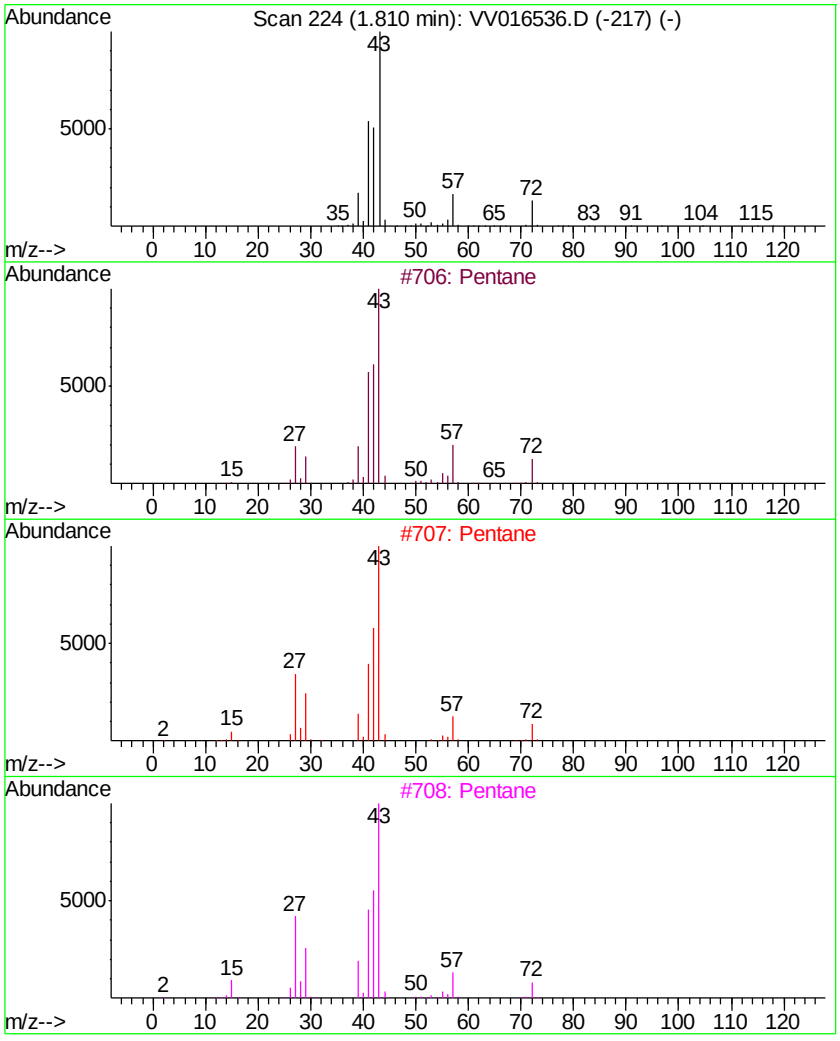
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

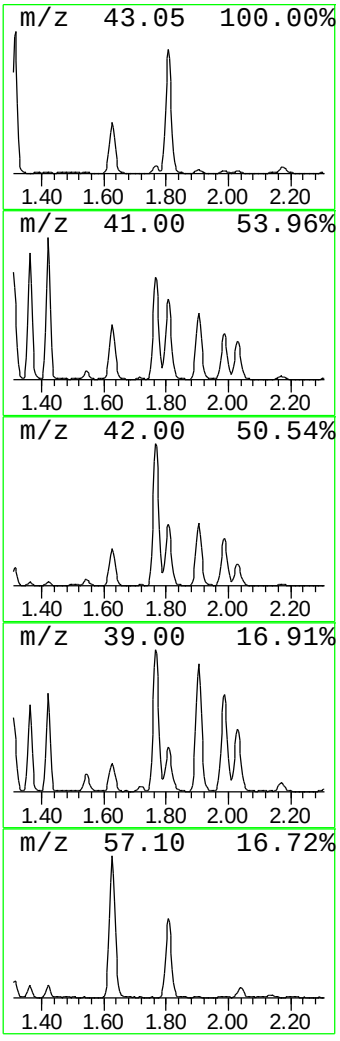
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.81	25.03 ug/L	461998	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	86
4	Pentane	72	C5H12	000109-66-0	64
5	Oxirane, ethyl-	72	C4H8O	000106-88-7	53





Library Search Compound Report

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Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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

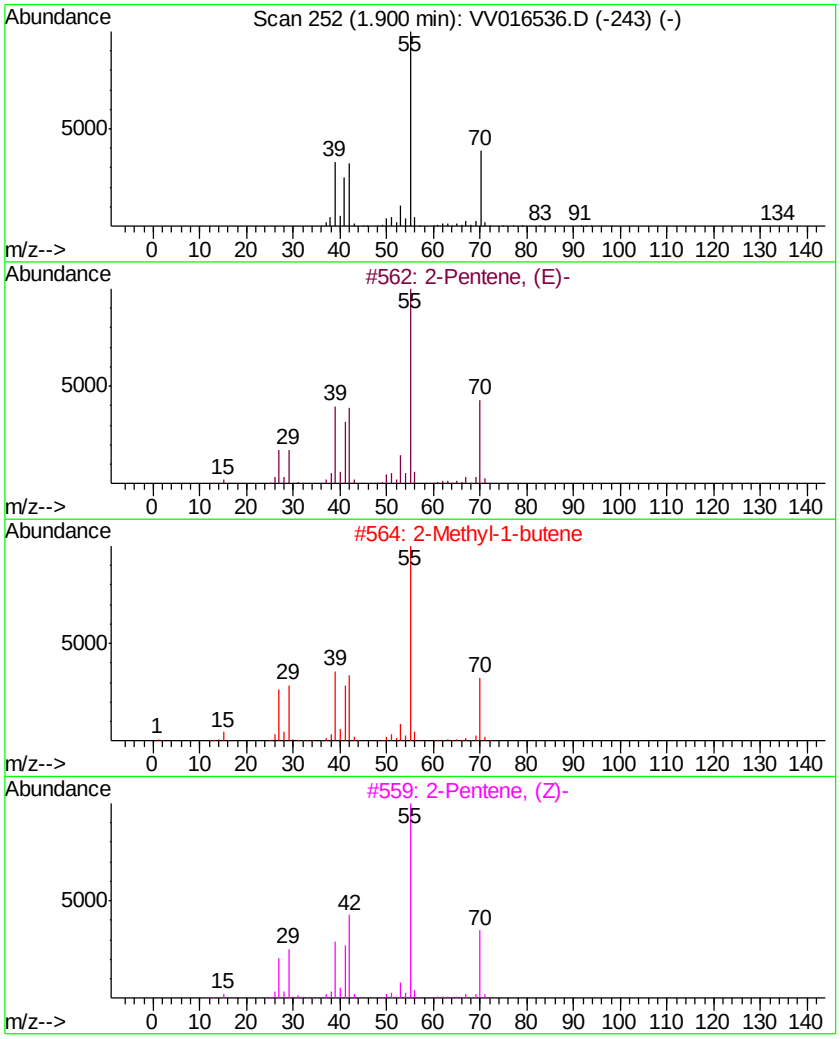
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

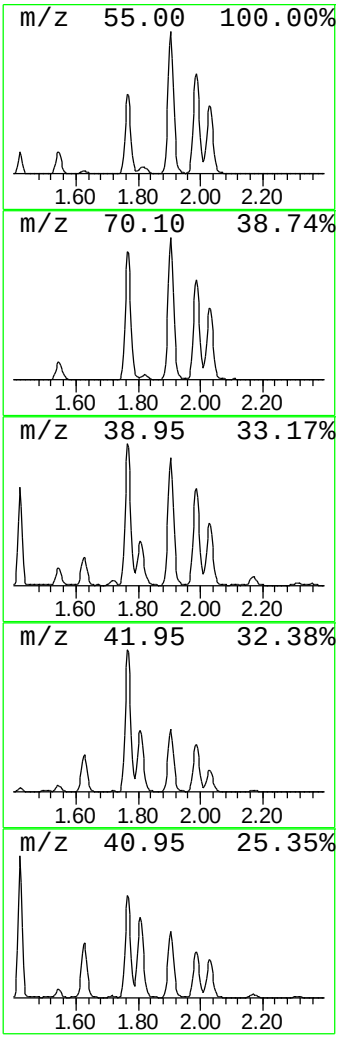
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.90	43.55 ug/L	803753	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (E)-	70	C5H10	000646-04-8	93
2	2-Methyl-1-butene	70	C5H10	000563-46-2	90
3	2-Pentene, (Z)-	70	C5H10	000627-20-3	90
4	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
5	2-Pentene, (E)-	70	C5H10	000646-04-8	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

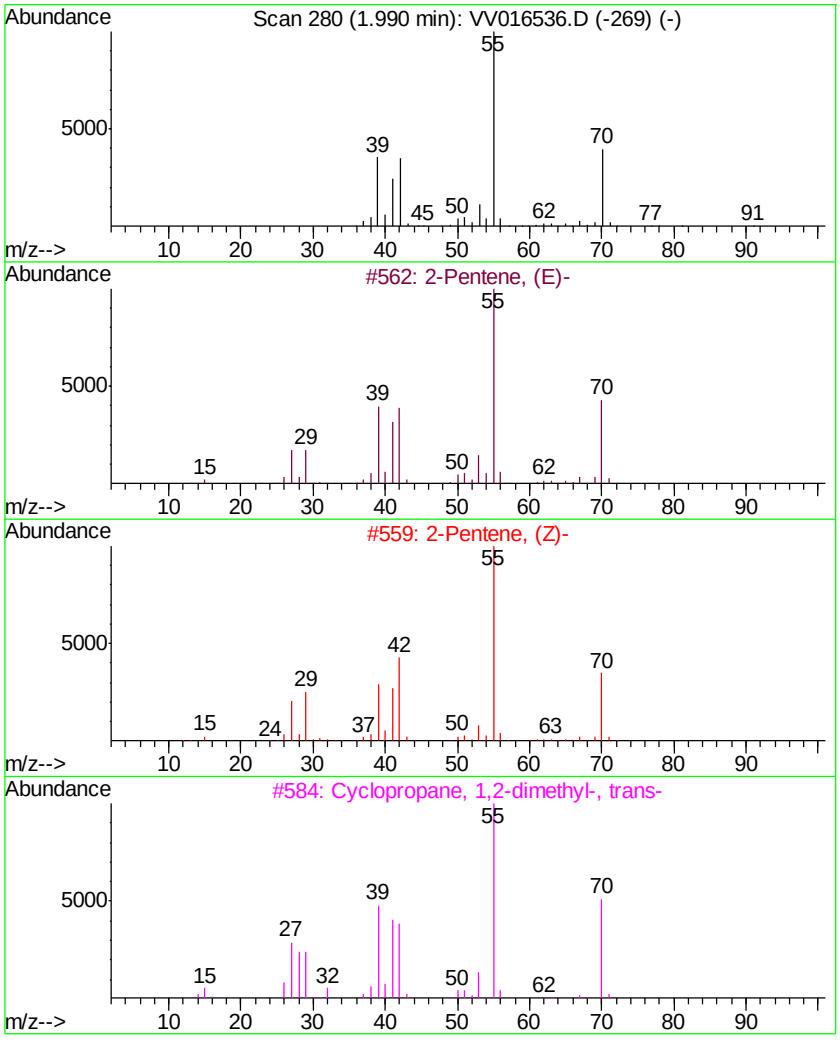
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

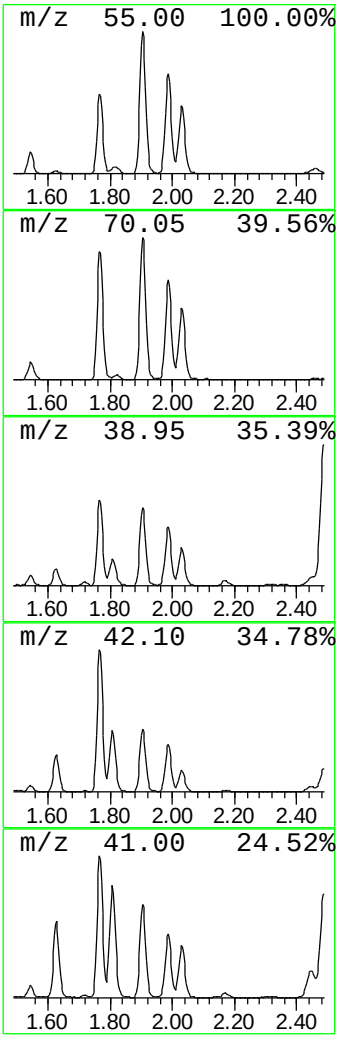
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.99	32.78 ug/L	604930	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (E)-	70	C5H10	000646-04-8	93
2	2-Pentene, (Z)-	70	C5H10	000627-20-3	90
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	87
4	2-Methyl-1-butene	70	C5H10	000563-46-2	87
5	2-Methyl-1-butene	70	C5H10	000563-46-2	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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

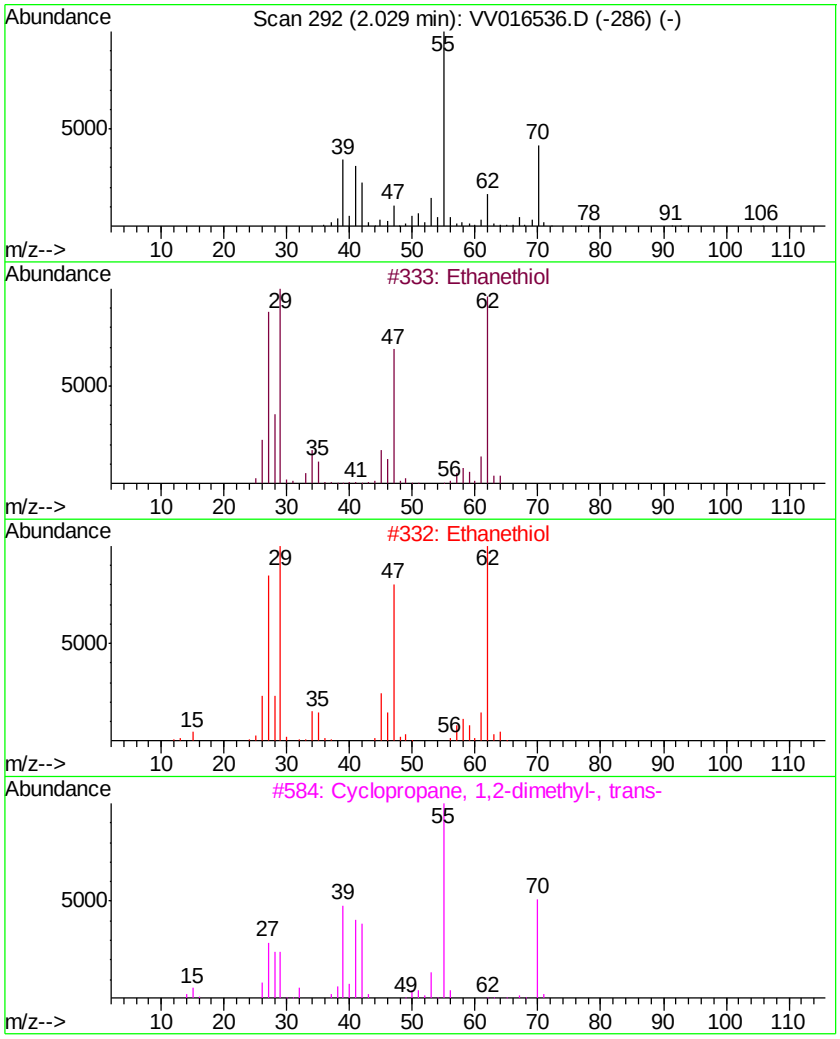
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

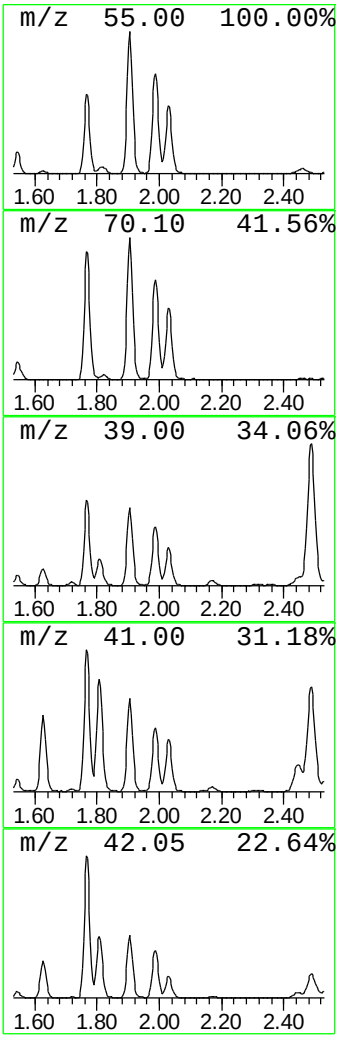
****

Peak Number 8 unknown-01 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.03	27.64 ug/L	510166	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanethiol	62	C2H6S	000075-08-1	43
2	Ethanethiol	62	C2H6S	000075-08-1	43
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	38
4	1-Butene, 3-methyl-	70	C5H10	000563-45-1	38
5	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

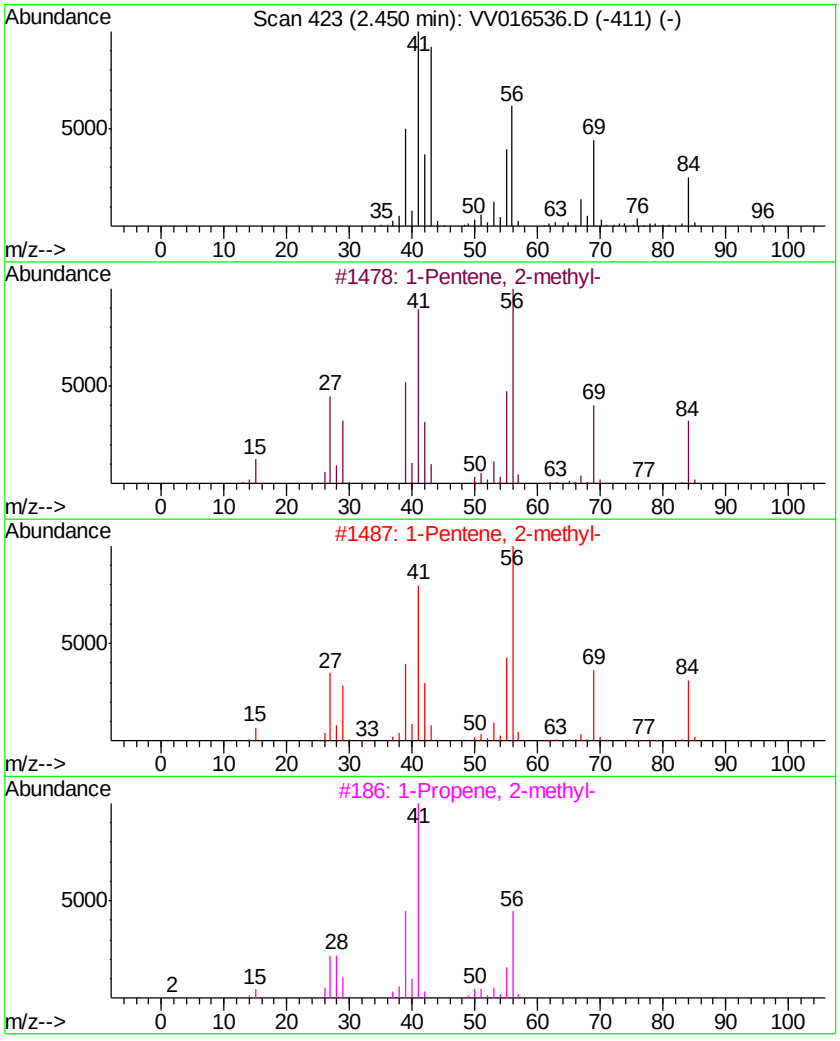
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

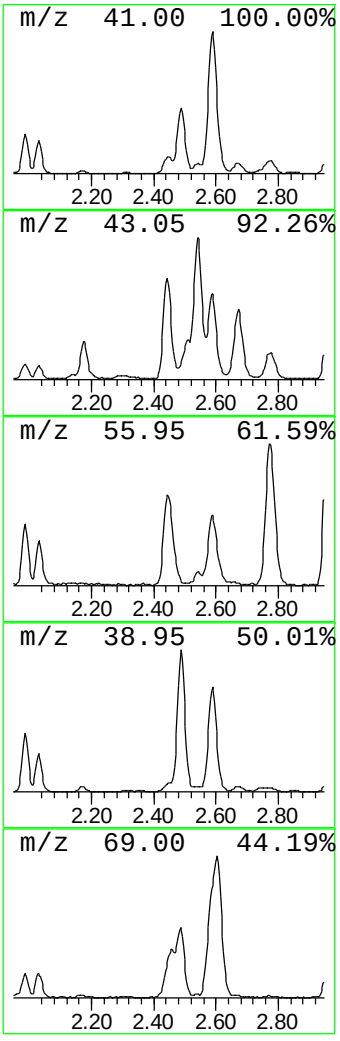
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	6.28 ug/L	115884	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	38
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	38
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	35
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	35
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	35





Library Search Compound Report

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Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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

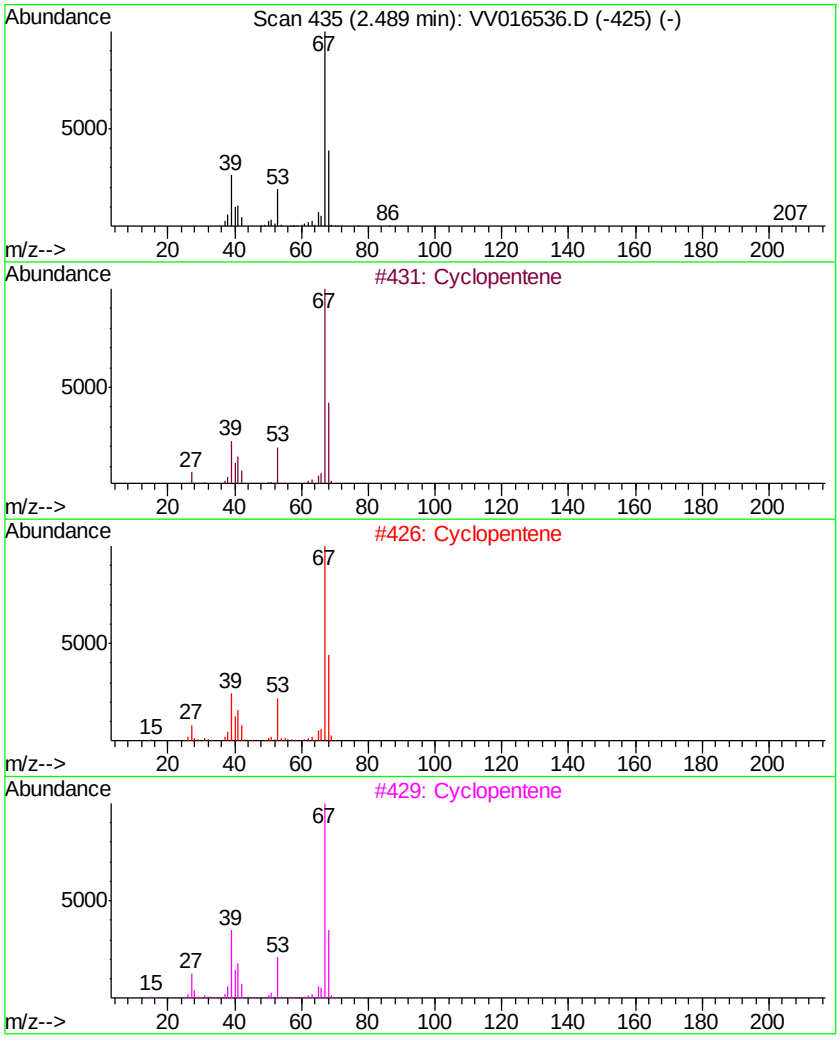
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

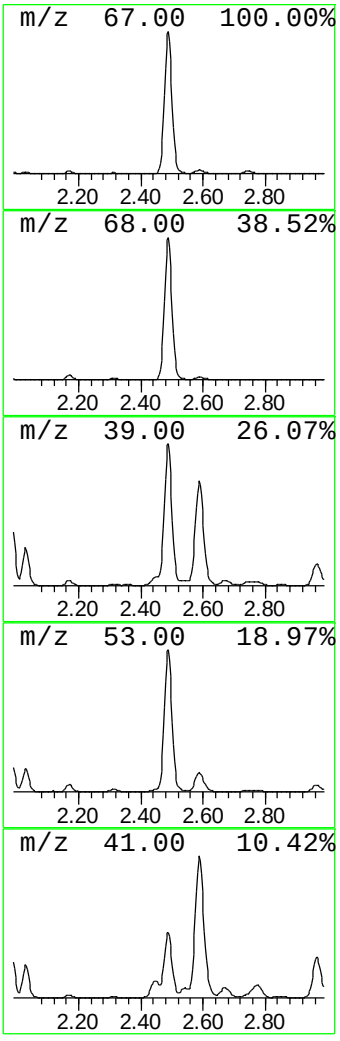
****

Peak Number 10 Cyclopentene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.49	105.59 ug/L	1948670	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	90
3	Cyclopentene	68	C5H8	000142-29-0	80
4	2,3-Diazabicyclo[2.2.1]-hept-2-ene	96	C5H8N2	002721-32-6	78
5	1,4-Pentadiene	68	C5H8	000591-93-5	58





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Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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

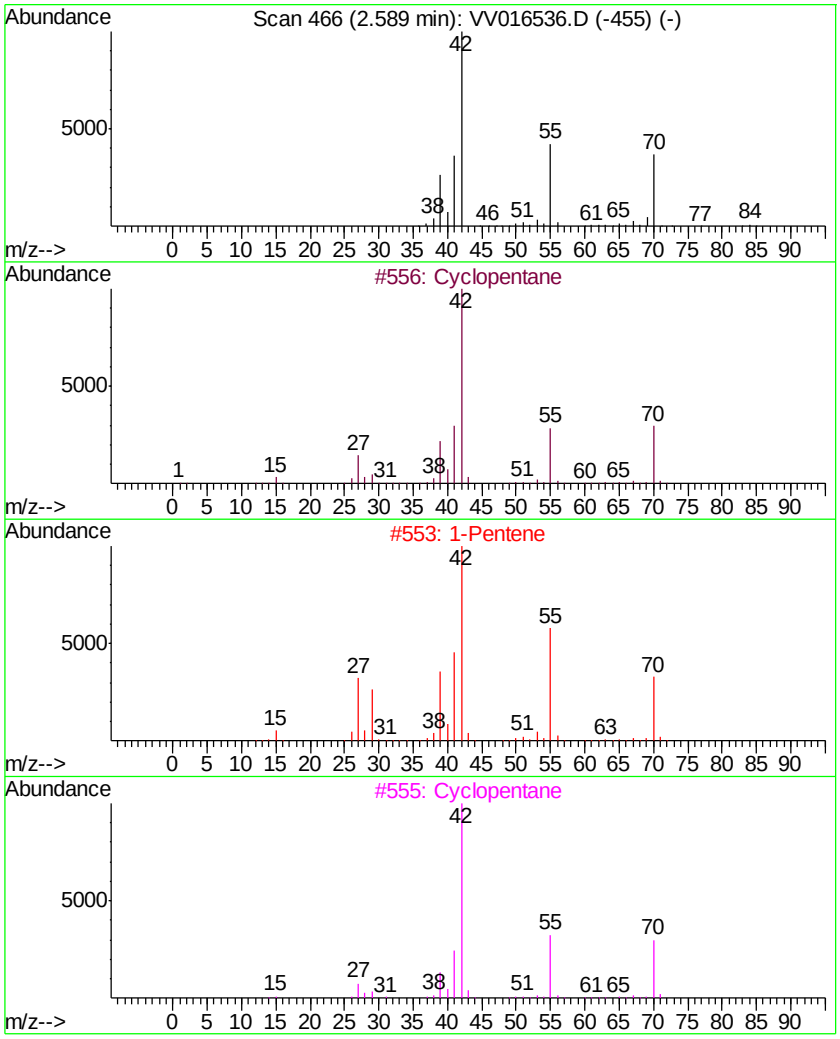
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

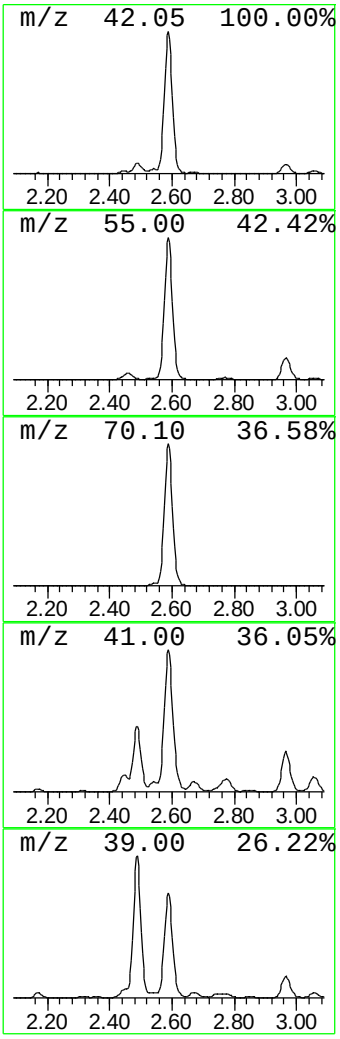
****

Peak Number 11 (DEL) Alkane: Cyclic2.59 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.59	101.82 ug/L	1879060	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	Cyclopentane	70	C5H10	000287-92-3	72
4	Cyclobutane, methyl-	70	C5H10	000598-61-8	56
5	1-Pentene	70	C5H10	000109-67-1	43





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Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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

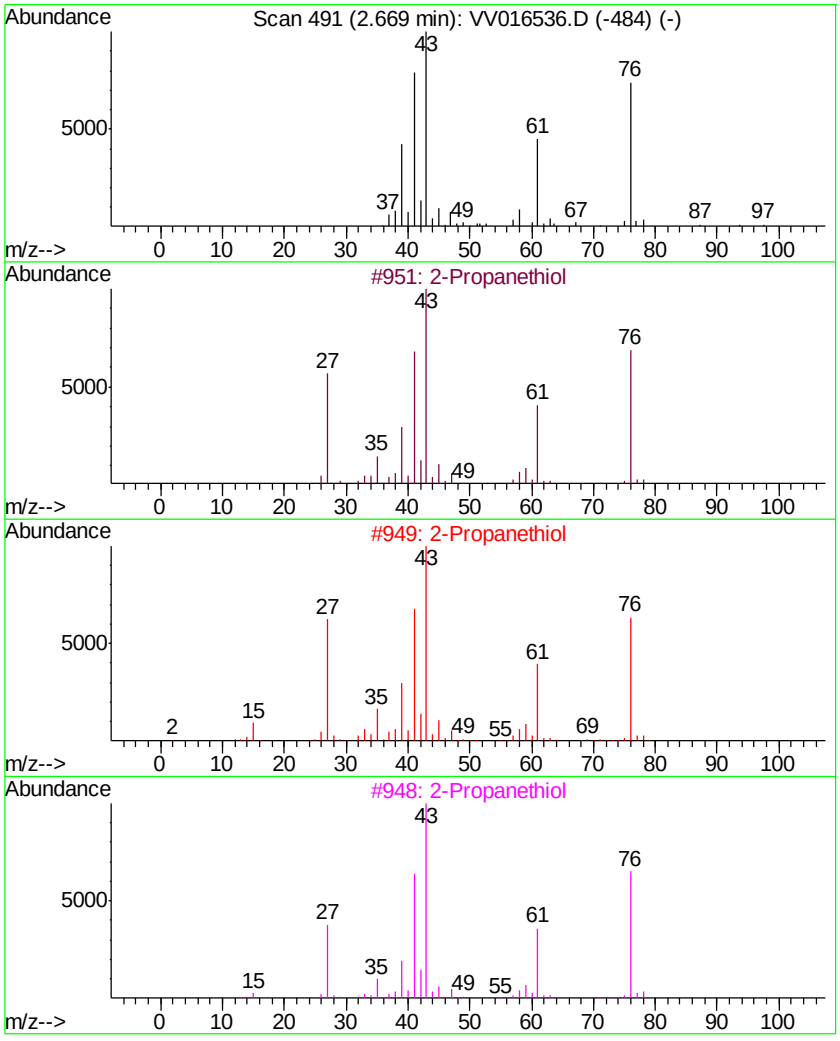
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

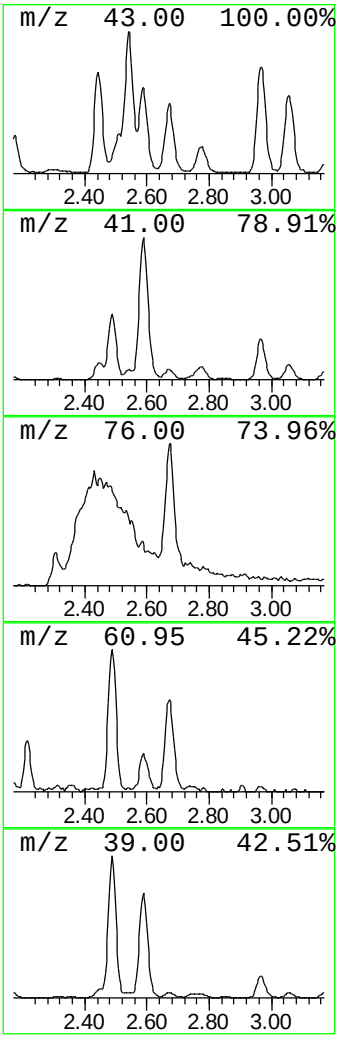
****

Peak Number 12 2-Propanethiol Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.67	5.28 ug/L	97527	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanethiol	76	C3H8S	000075-33-2	80
2	2-Propanethiol	76	C3H8S	000075-33-2	80
3	2-Propanethiol	76	C3H8S	000075-33-2	80
4	2-Propanethiol	76	C3H8S	000075-33-2	72
5	Isopropyl phosphine	76	C3H9P	004538-29-8	59





Library Search Compound Report

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Data File : VV016536.D
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Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

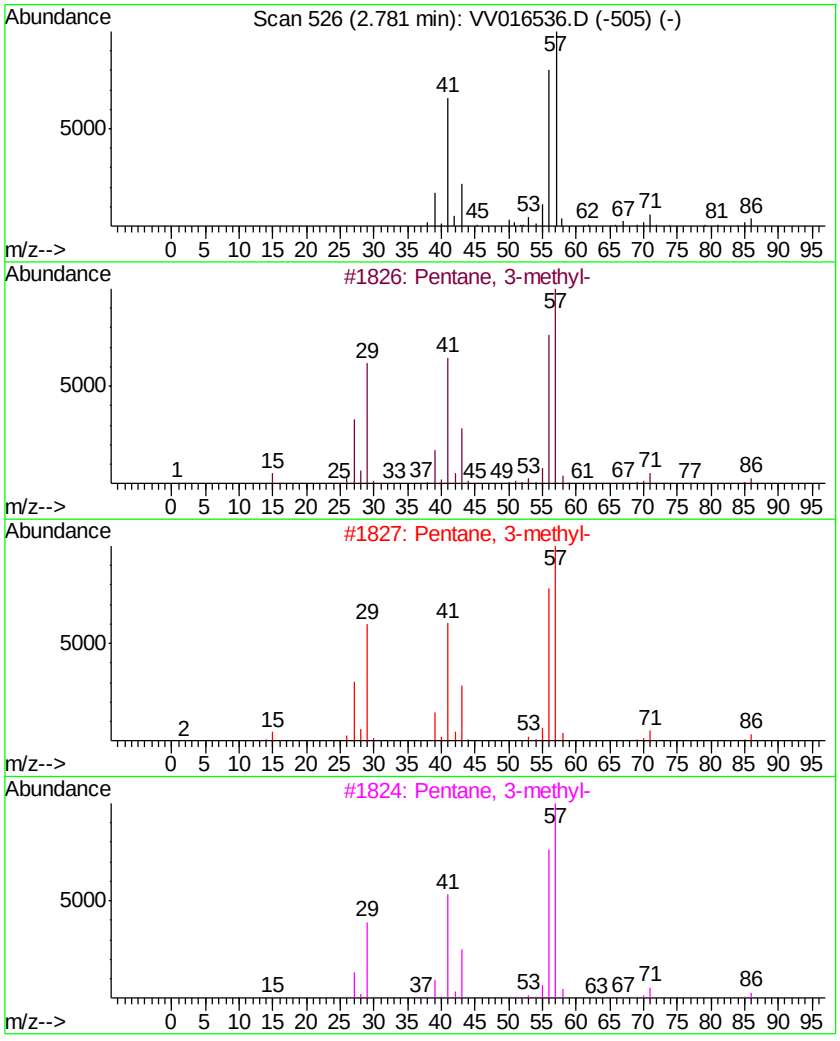
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

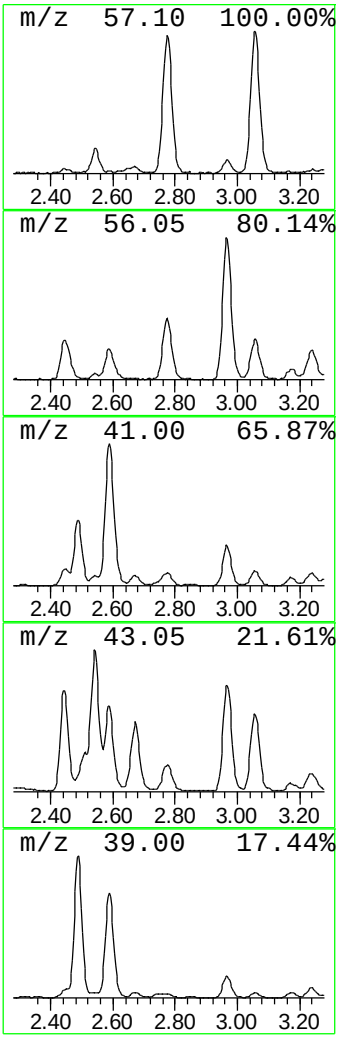
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	9.46 ug/L	174675	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
4	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	64
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

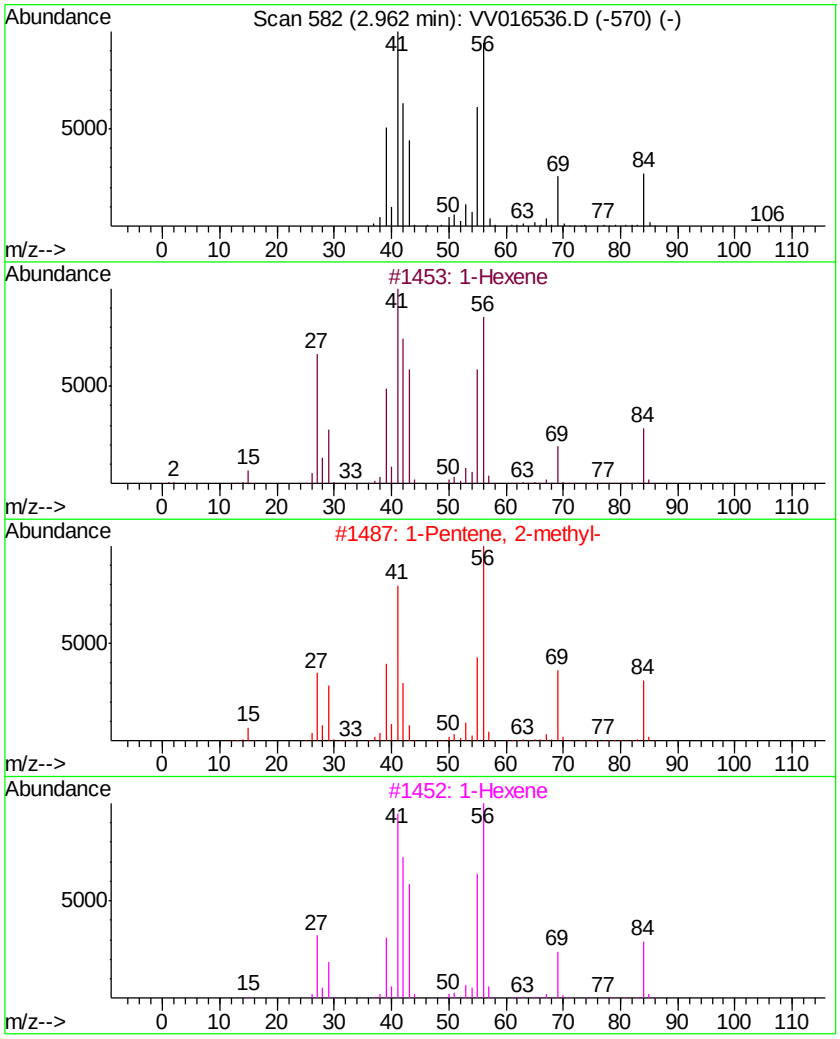
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

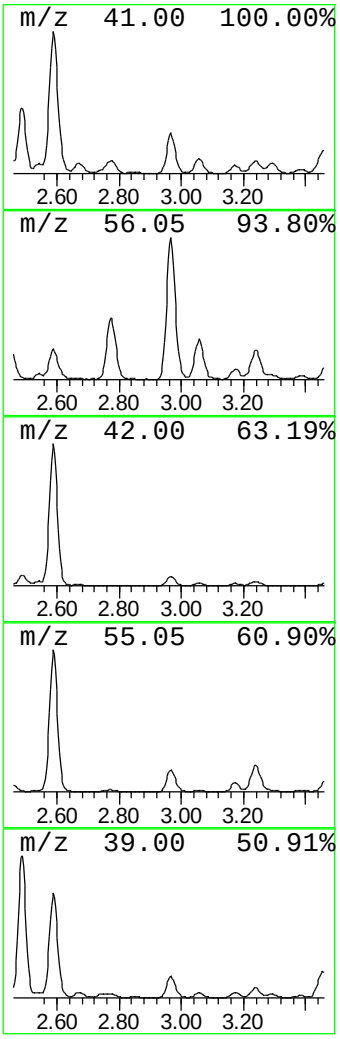
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	21.82 ug/L	402727	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene	84	C6H12	000592-41-6	95
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	83
3	1-Hexene	84	C6H12	000592-41-6	81
4	2-Hexene, (Z)-	84	C6H12	007688-21-3	58
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

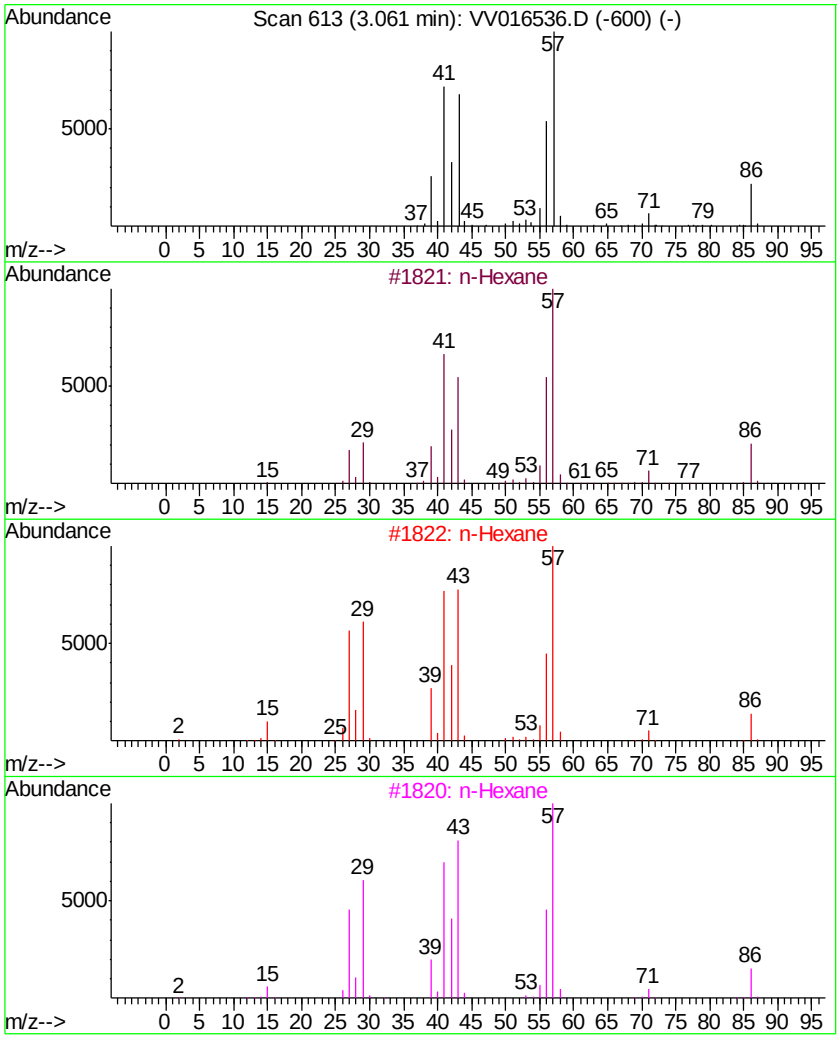
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

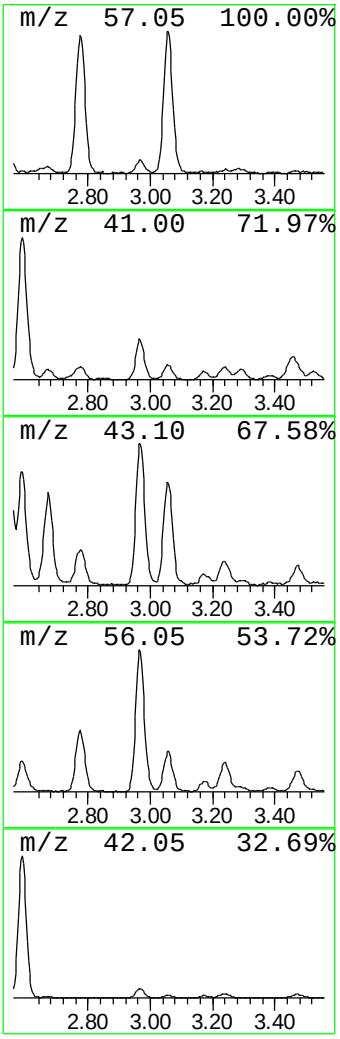
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	8.47 ug/L	156286	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	n-Hexane	86	C6H14	000110-54-3	72
3	n-Hexane	86	C6H14	000110-54-3	59
4	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	50
5	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

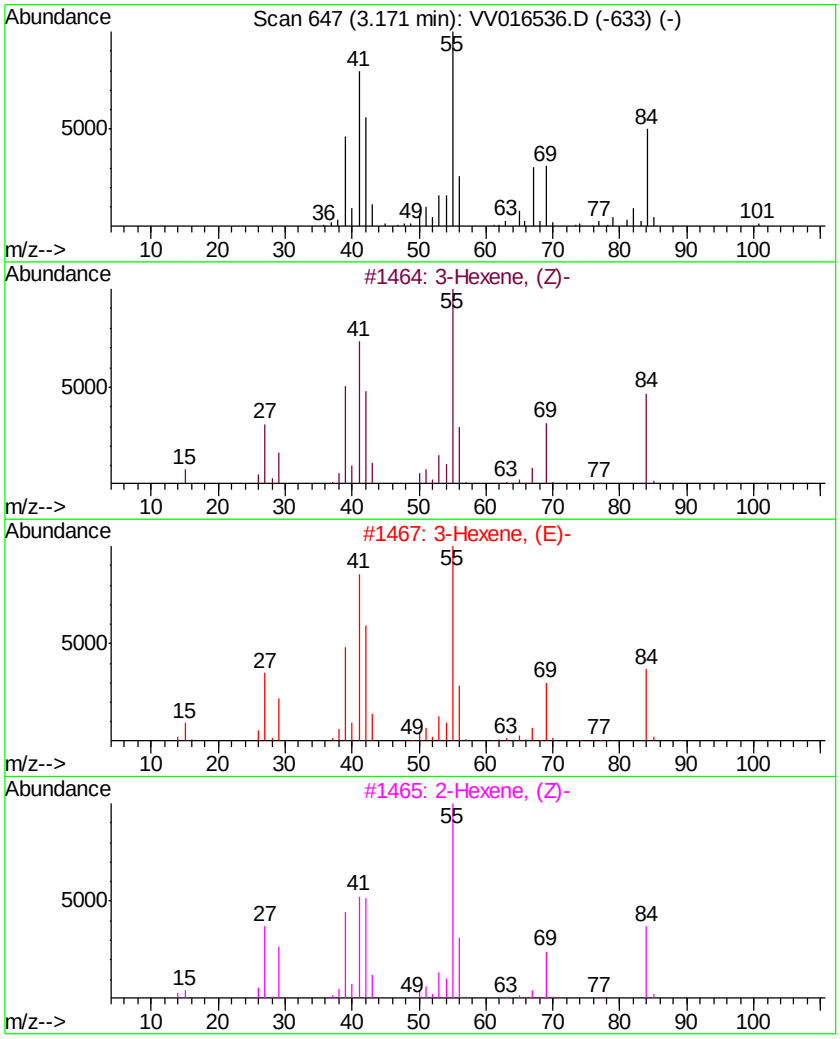
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

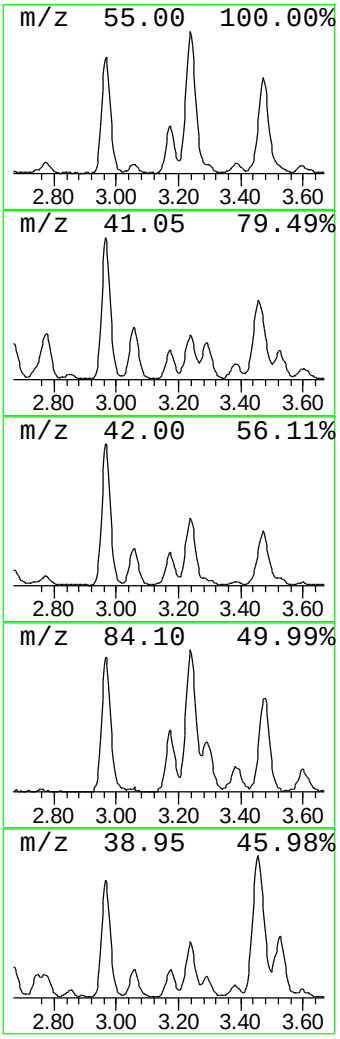
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	6.05 ug/L	111660	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, (Z)-	84	C6H12	007642-09-3	87
2	3-Hexene, (E)-	84	C6H12	013269-52-8	87
3	2-Hexene, (Z)-	84	C6H12	007688-21-3	68
4	2-Hexene	84	C6H12	000592-43-8	64
5	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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

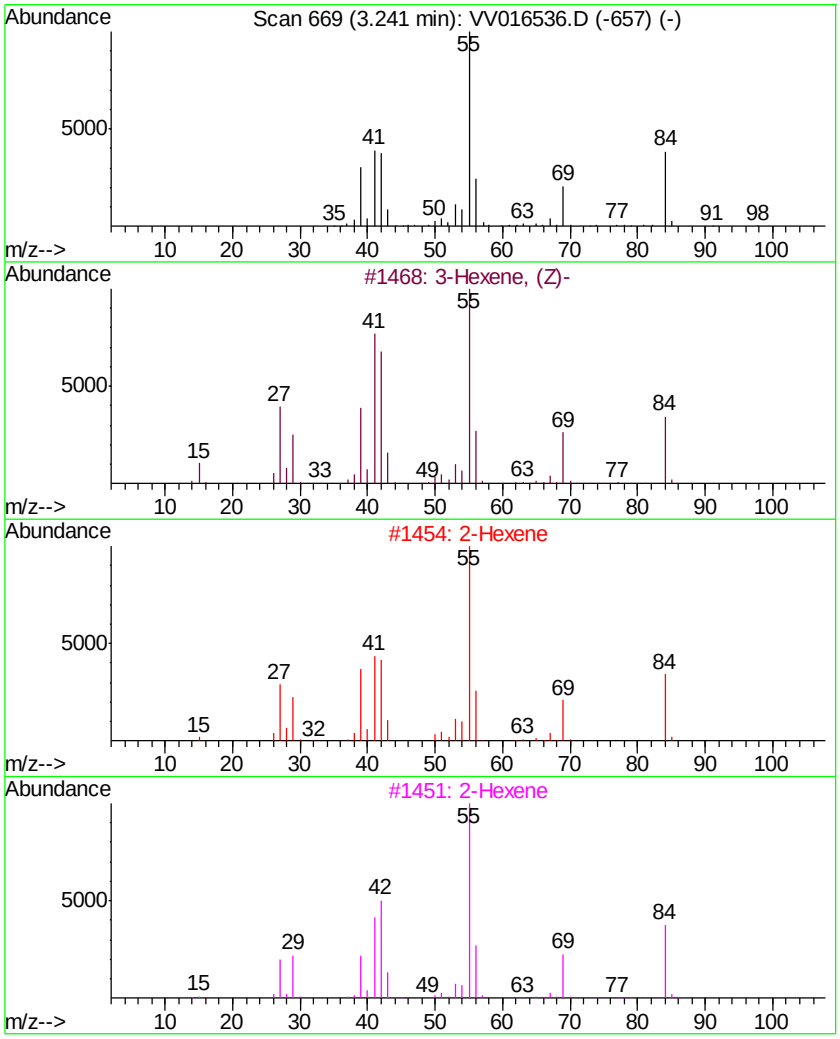
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

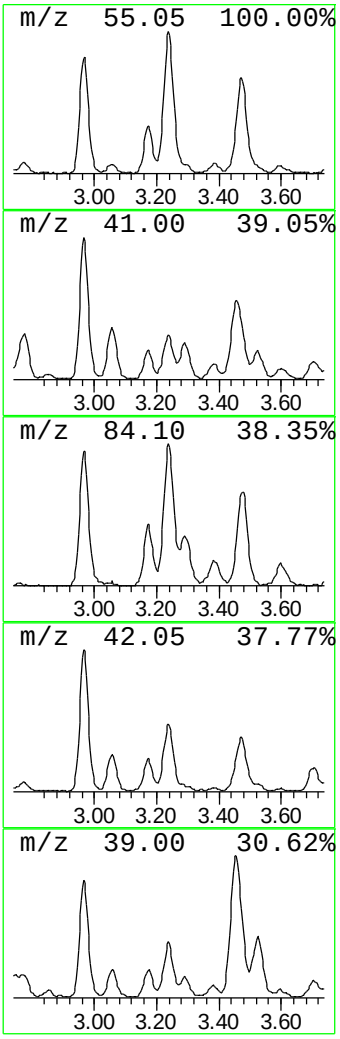
****

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	13.02 ug/L	240349	1,4-Difluorobenzene	5.64

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





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Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

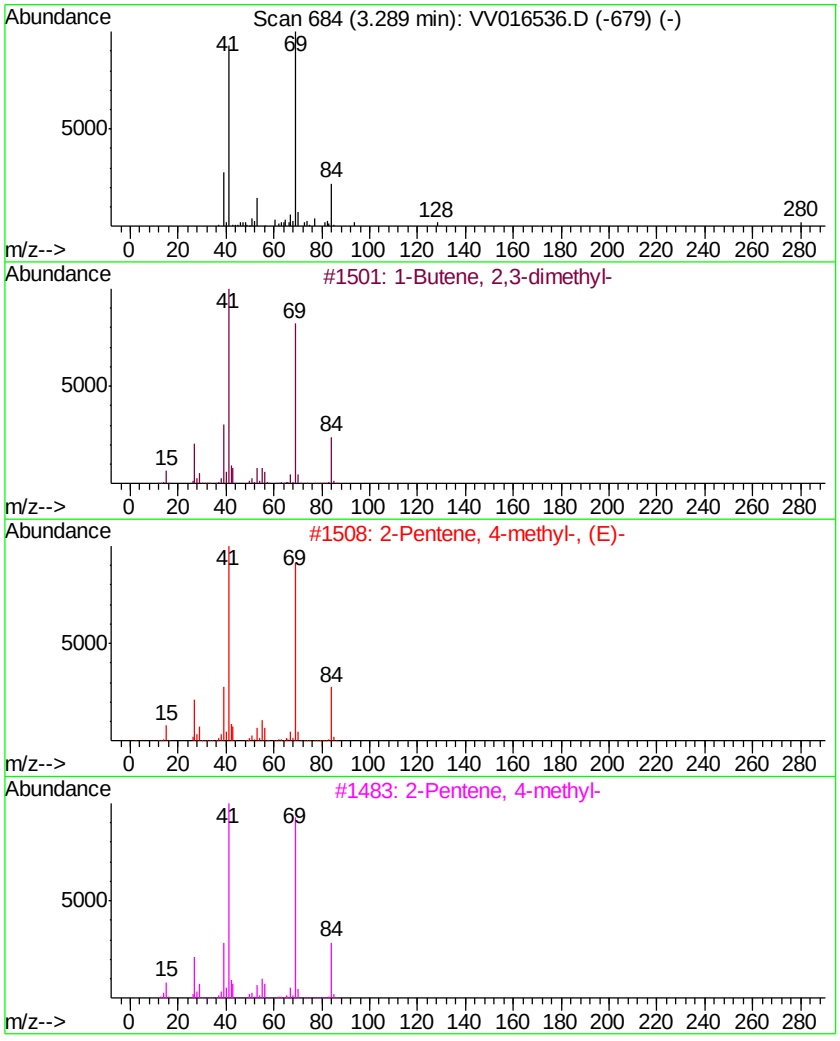
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

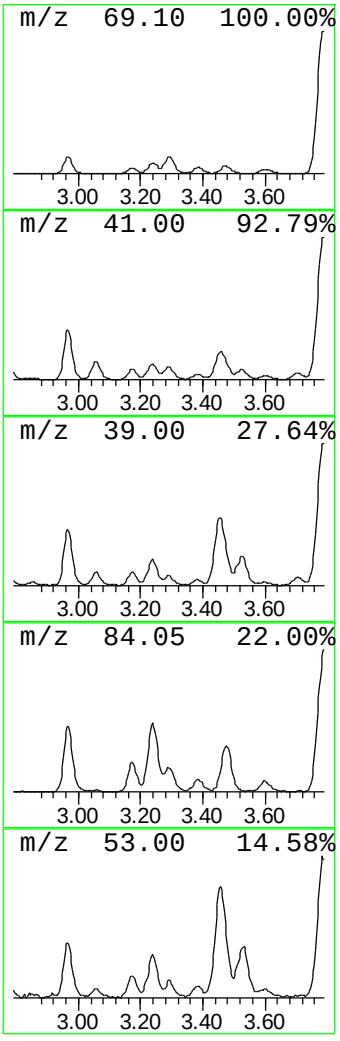
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	4.38 ug/L	80889	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	86
2	2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	86
3	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	86
4	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	86
5	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	86





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Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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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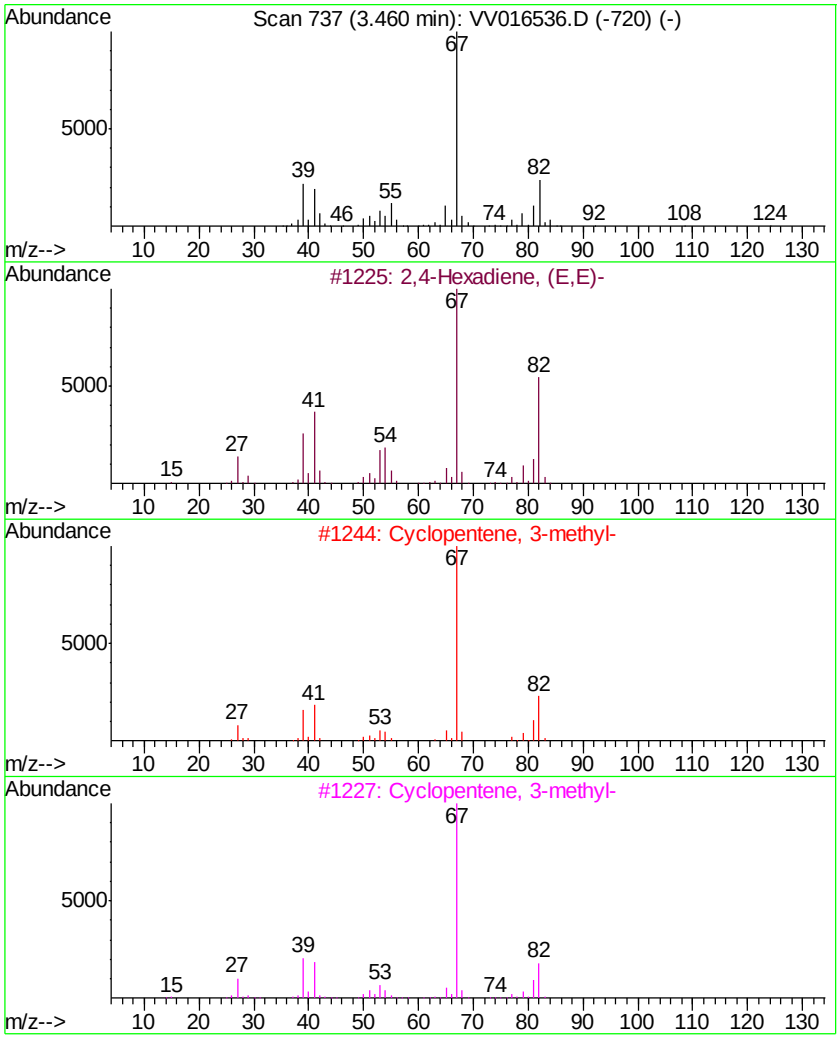
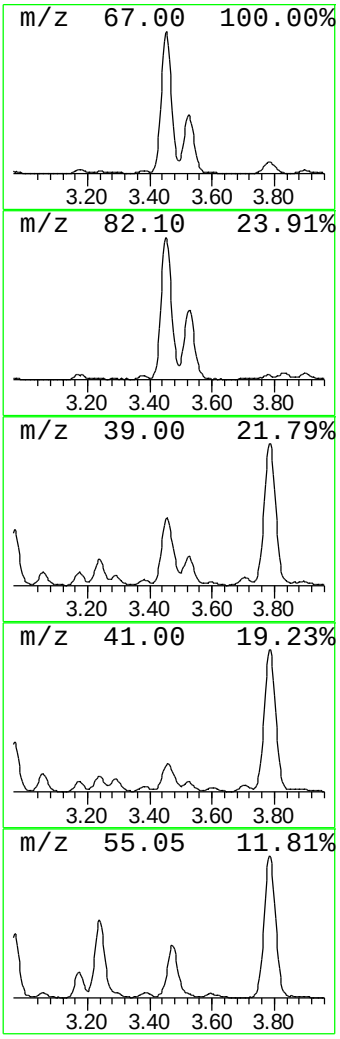
Peak Number 19 2,4-Hexadiene, (E,E)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.46	42.72 ug/L	788419	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	91
2	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	91
3	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	91
4	2,4-Hexadiene	82	C6H10	000592-46-1	91
5	1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	91





Library Search Compound Report

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Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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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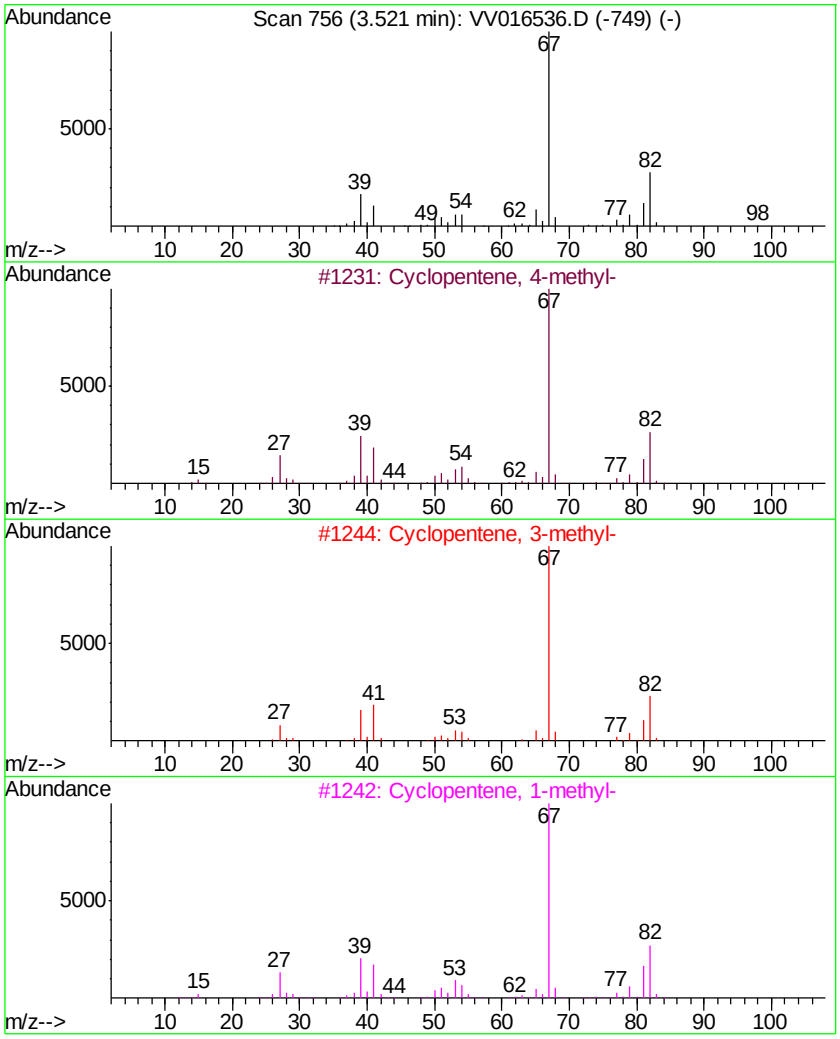
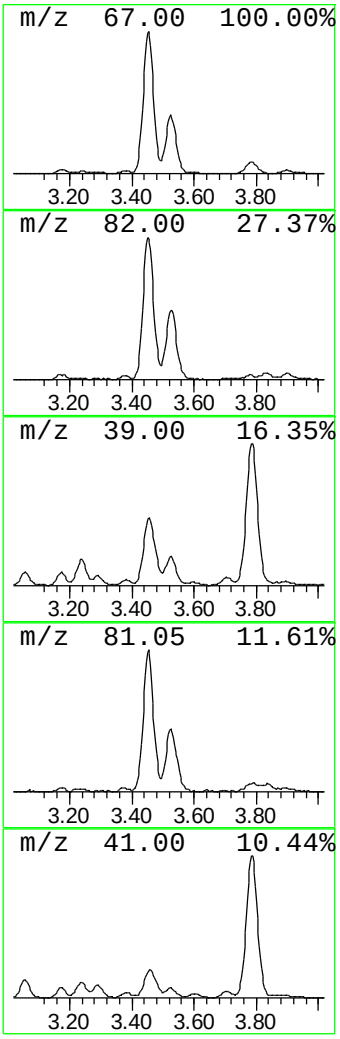
Peak Number 20 Cyclopentene, 4-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.52	15.52 ug/L	286367	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	90
2	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	90
3	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	87
4	(Z),(Z)-2,4-Hexadiene	82	C6H10	006108-61-8	86
5	2,4-Hexadiene	82	C6H10	000592-46-1	86





Library Search Compound Report

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Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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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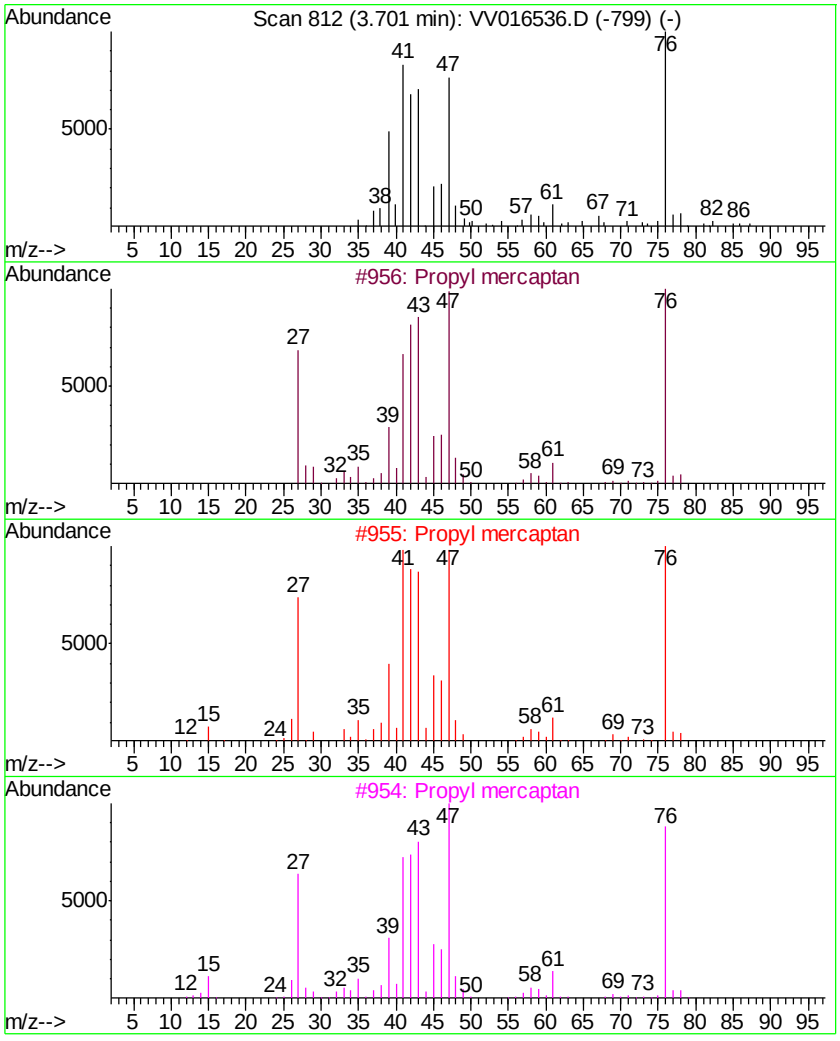
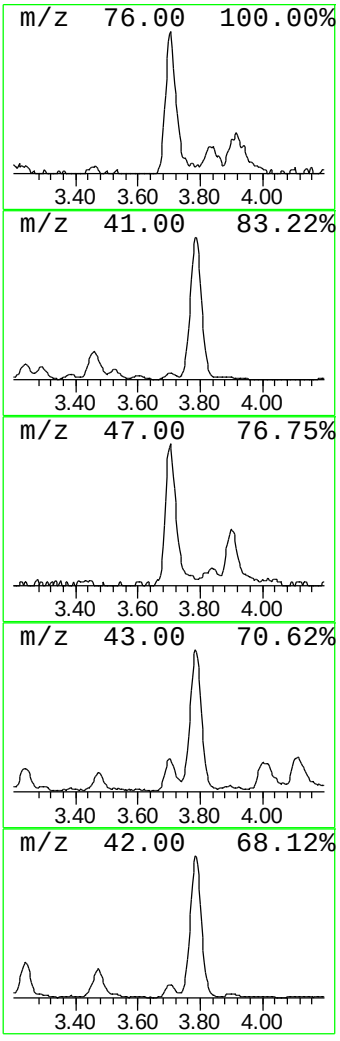
Peak Number 21 Propyl mercaptan Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	4.18 ug/L	77204	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propyl mercaptan	76	C3H8S	000107-03-9	94
2	Propyl mercaptan	76	C3H8S	000107-03-9	93
3	Propyl mercaptan	76	C3H8S	000107-03-9	93
4	Propyl mercaptan	76	C3H8S	000107-03-9	93
5	Propyl mercaptan	76	C3H8S	000107-03-9	90





Library Search Compound Report

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Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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

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

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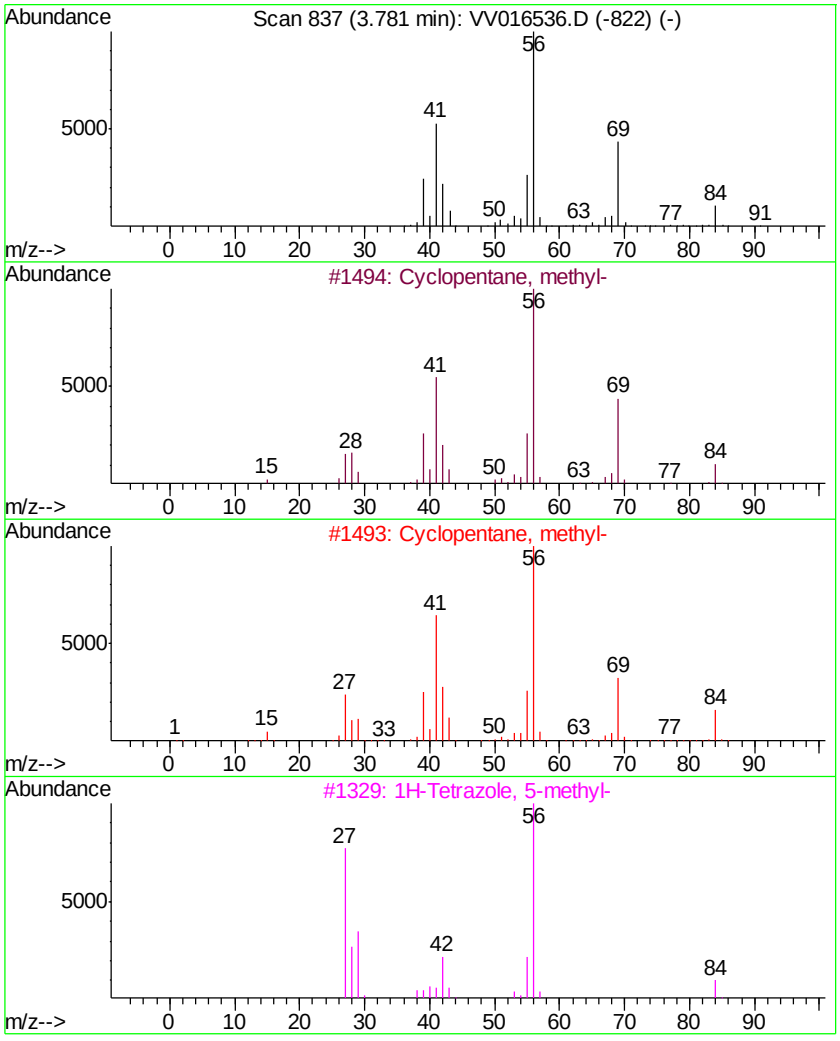
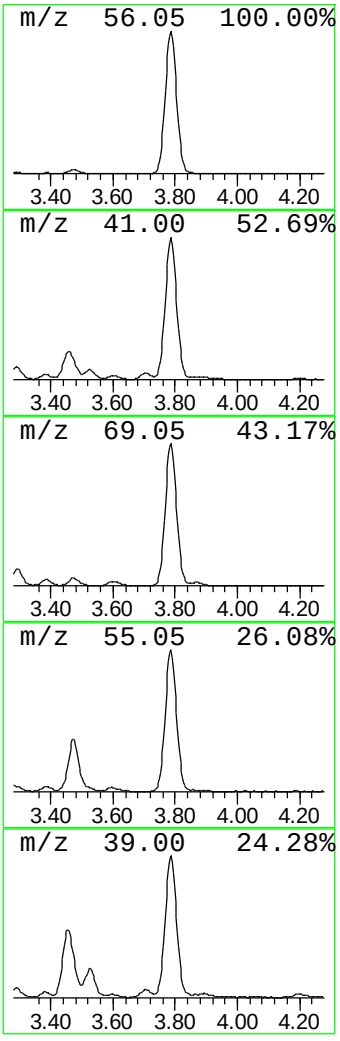
Peak Number 22 (DEL) Alkane: Cyclic3.78 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	93.13 ug/L	1718790	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	80
5	Cyclobutane	56	C4H8	000287-23-0	50





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Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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

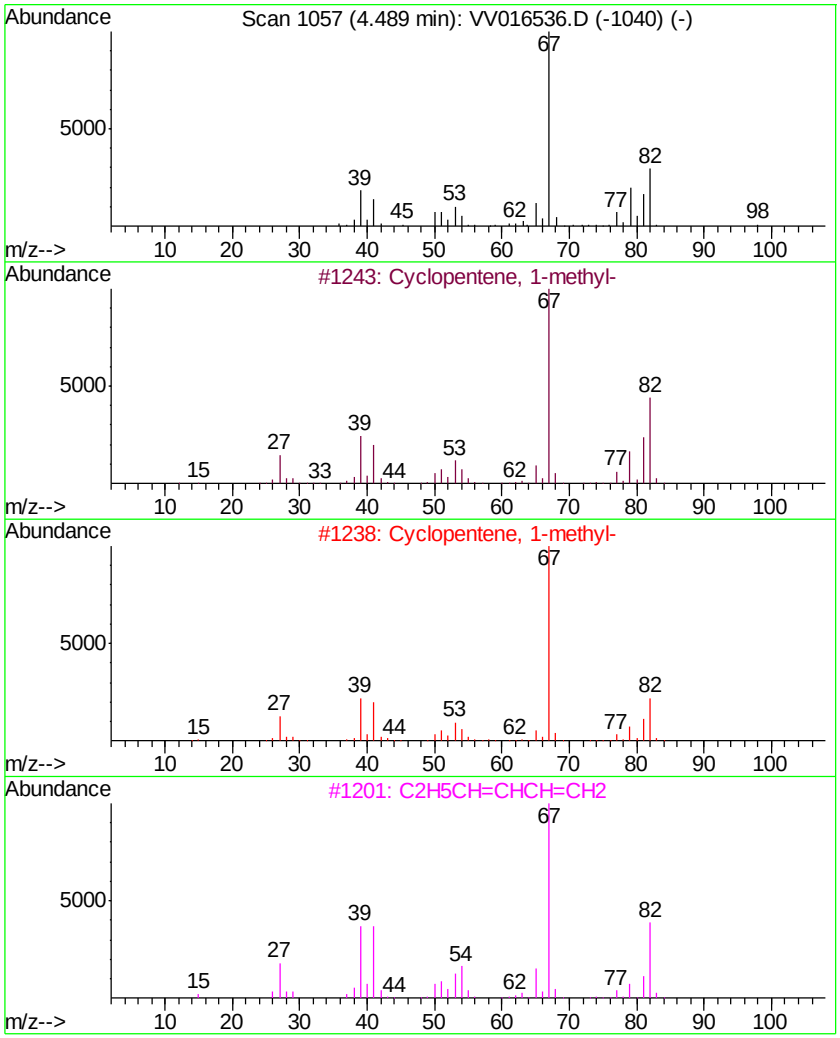
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

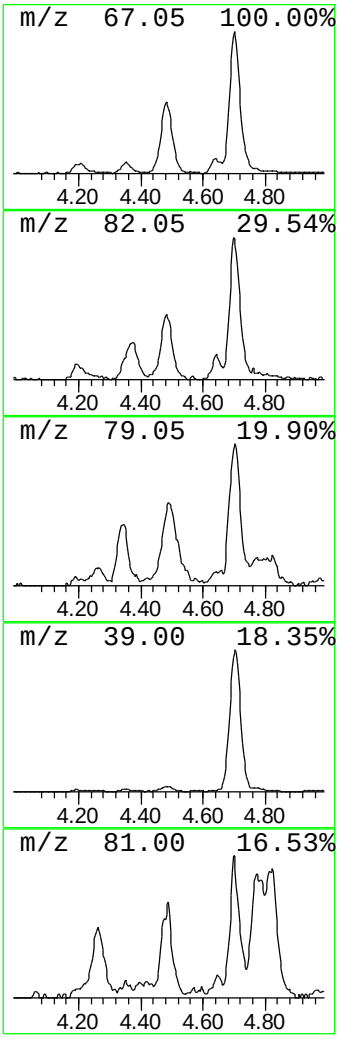
****

Peak Number 23 Cyclopentene, 1-methyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.49	7.32 ug/L	135185	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	83
3	C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	83
4	C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	80
5	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	80





Library Search Compound Report

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Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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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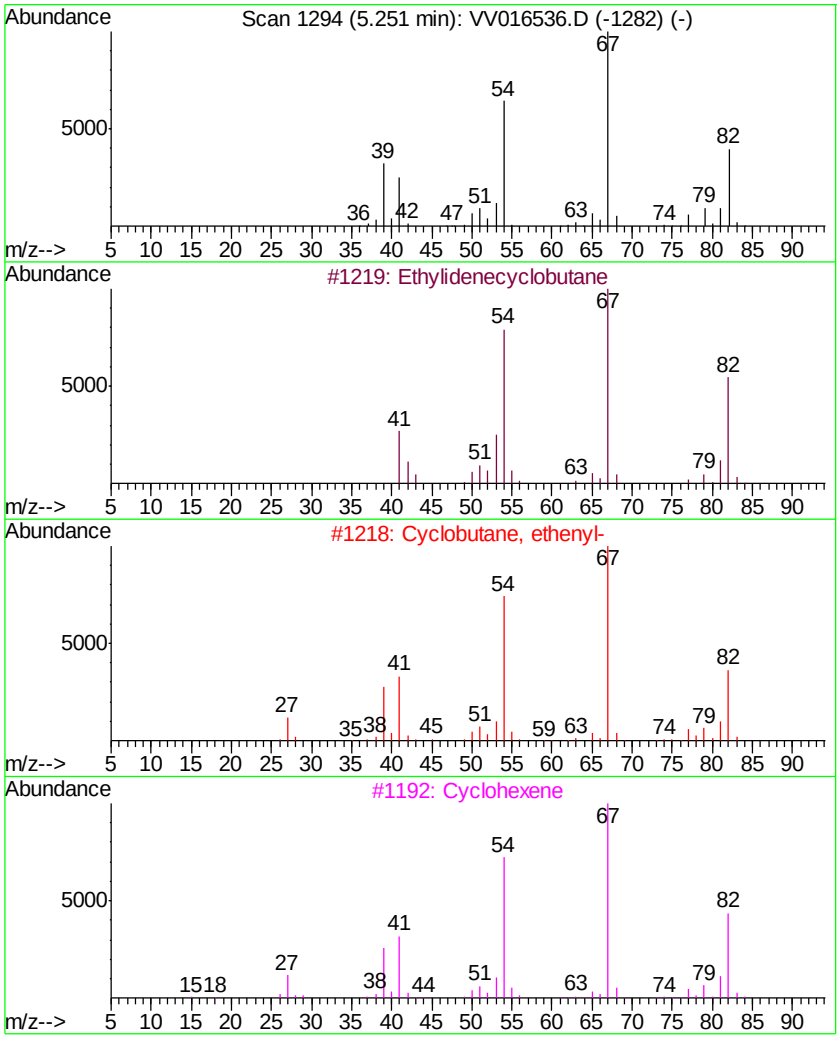
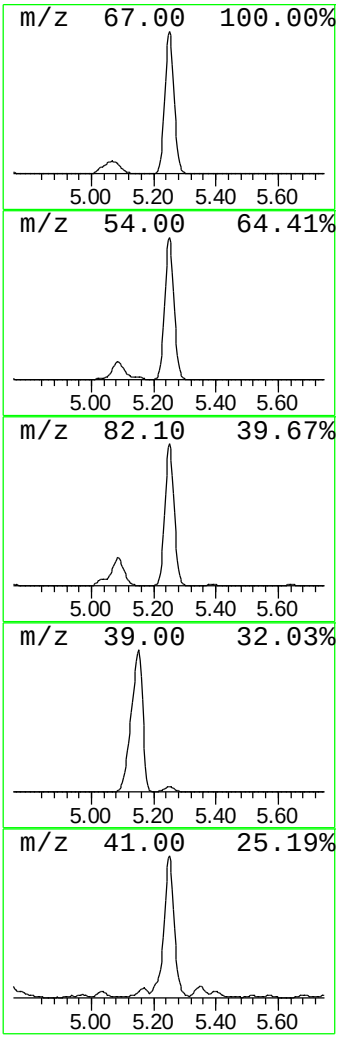
Peak Number 24 Ethylidenecyclobutane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	156.62 ug/L	2890510	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylidenecyclobutane	82	C6H10	001528-21-8	90
2	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	90
3	Cyclohexene	82	C6H10	000110-83-8	90
4	Cyclohexene	82	C6H10	000110-83-8	90
5	Cyclohexene	82	C6H10	000110-83-8	86





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Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

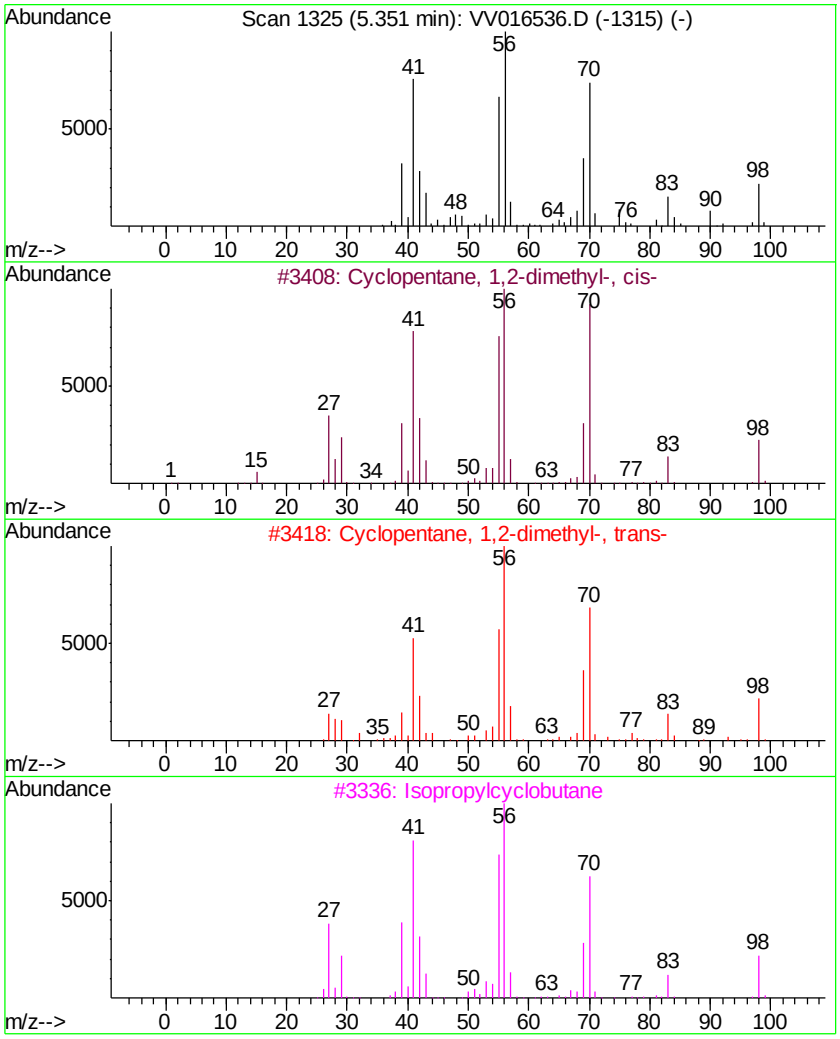
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

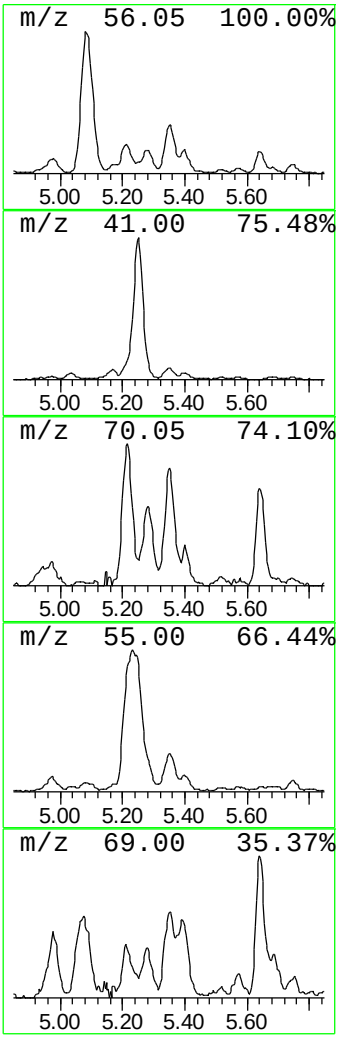
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.35	7.94 ug/L	146626	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	93
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90
3	Isopropylcyclobutane	98	C7H14	000872-56-0	90
4	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	90
5	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	90





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Data File : VV016536.D
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Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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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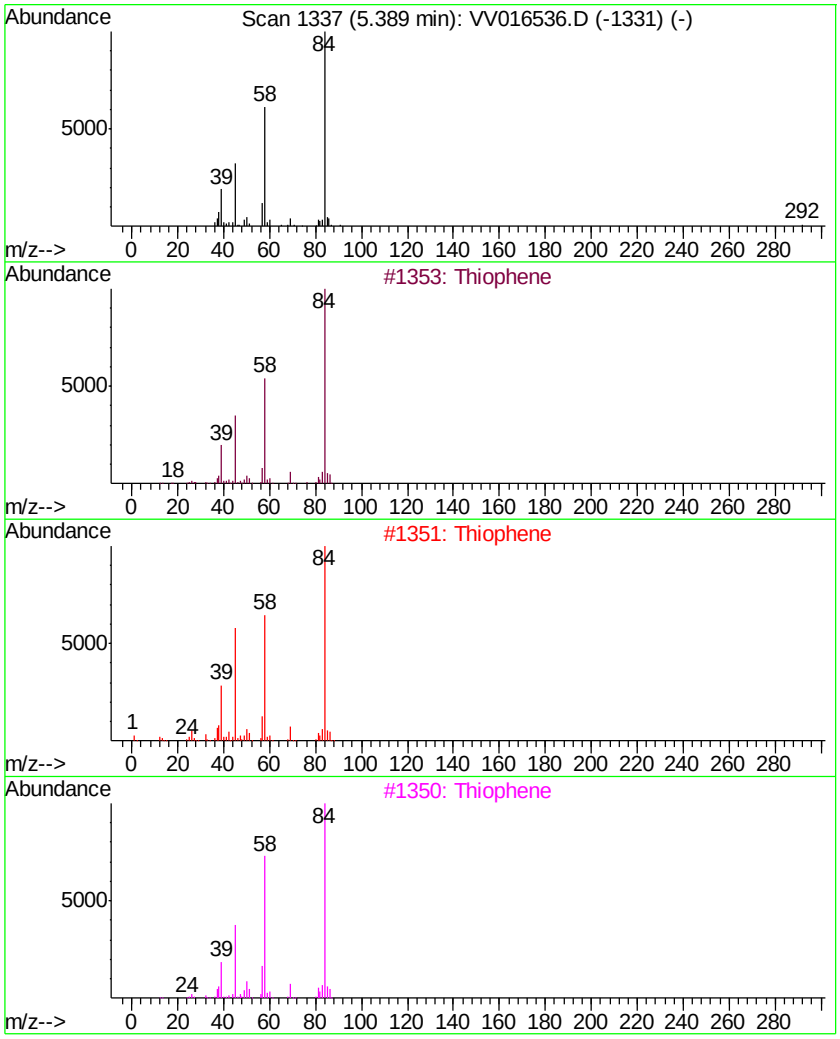
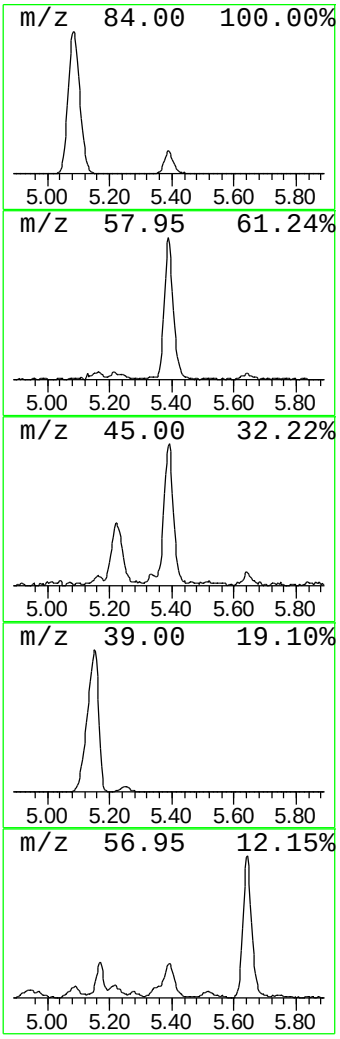
Peak Number 26 Thiophene Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	11.28 ug/L	208246	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene	84	C4H4S	000110-02-1	90
2	Thiophene	84	C4H4S	000110-02-1	74
3	Thiophene	84	C4H4S	000110-02-1	64
4	2-Thiabicyclo[3.2.0]hept-3-ene-6...	214	C9H10O4S	034244-70-7	50
5	Thiophene	84	C4H4S	000110-02-1	40





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Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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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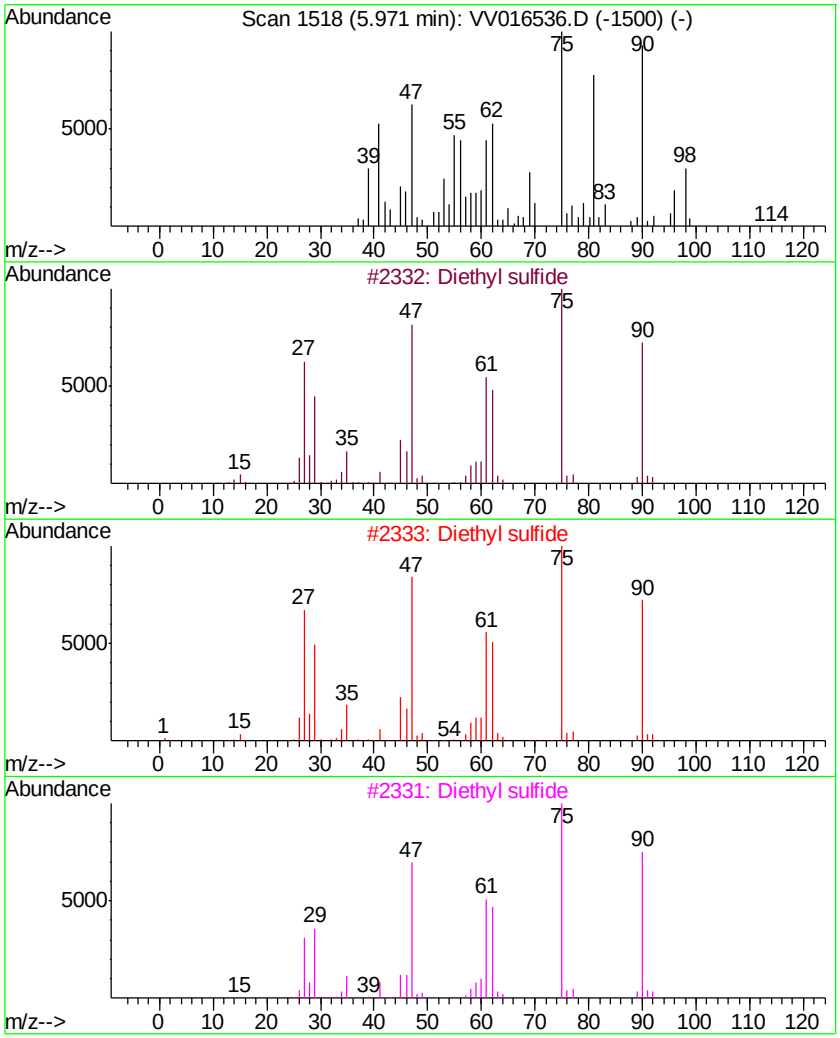
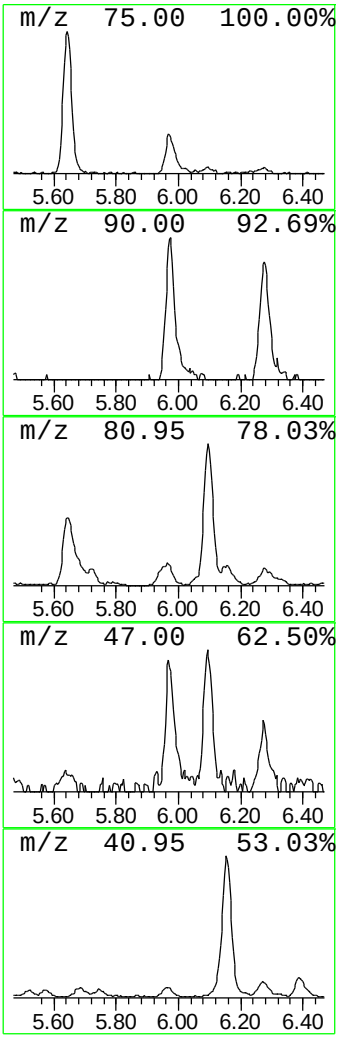
Peak Number 27 Diethyl sulfide Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	4.40 ug/L	81116	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl sulfide	90	C4H10S	000352-93-2	81
2	Diethyl sulfide	90	C4H10S	000352-93-2	81
3	Diethyl sulfide	90	C4H10S	000352-93-2	81
4	Diethyl sulfide	90	C4H10S	000352-93-2	76
5	Propane, 2-(methylthio)-	90	C4H10S	001551-21-9	37





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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

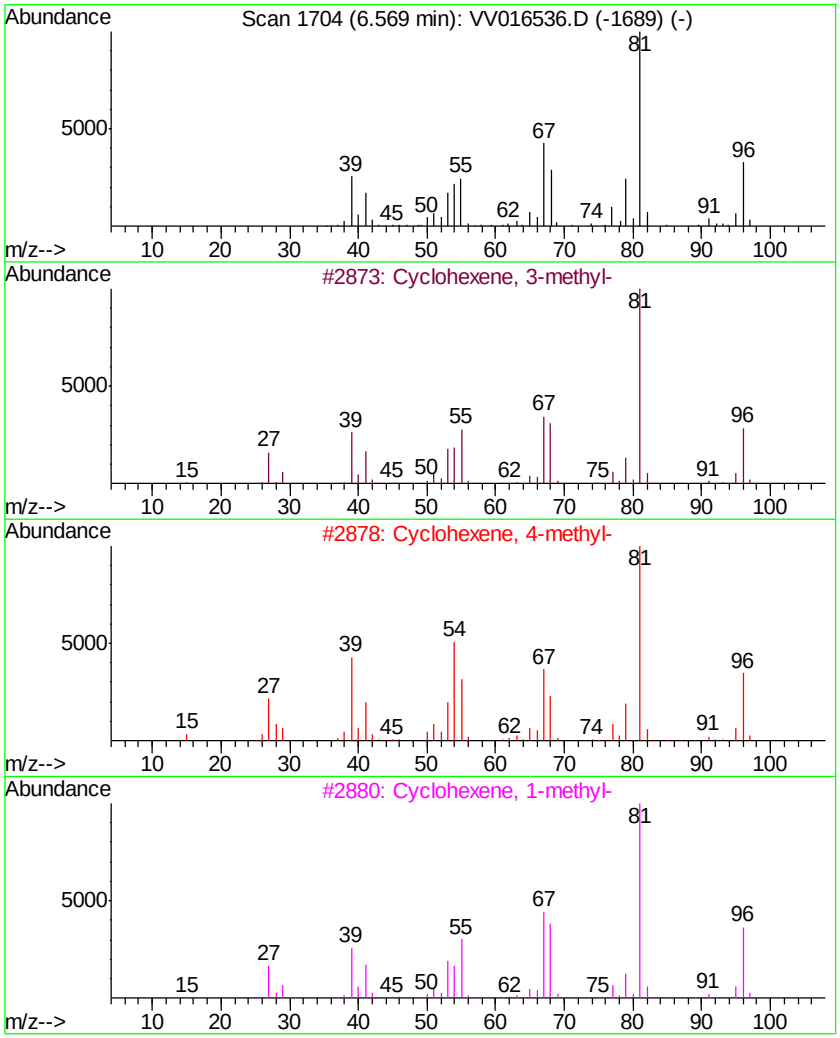
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

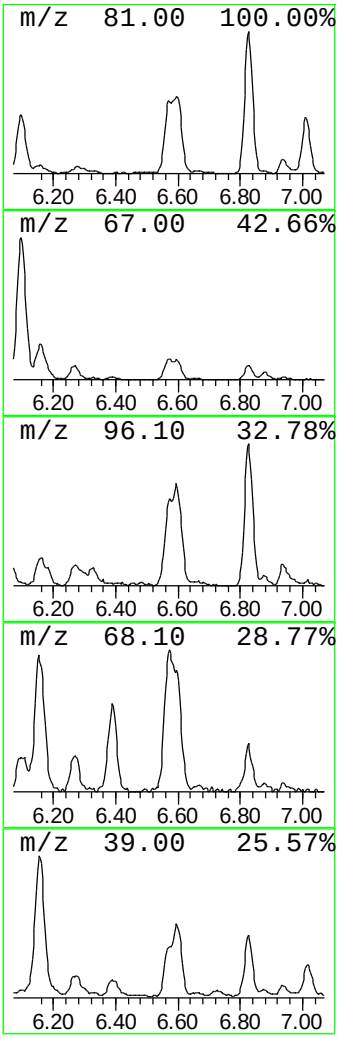
****

Peak Number 28 Cyclohexene, 3-methyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	8.18 ug/L	151019	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	94
2	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	91
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	90
4	2-Heptyne	96	C7H12	001119-65-9	87
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	87





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Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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

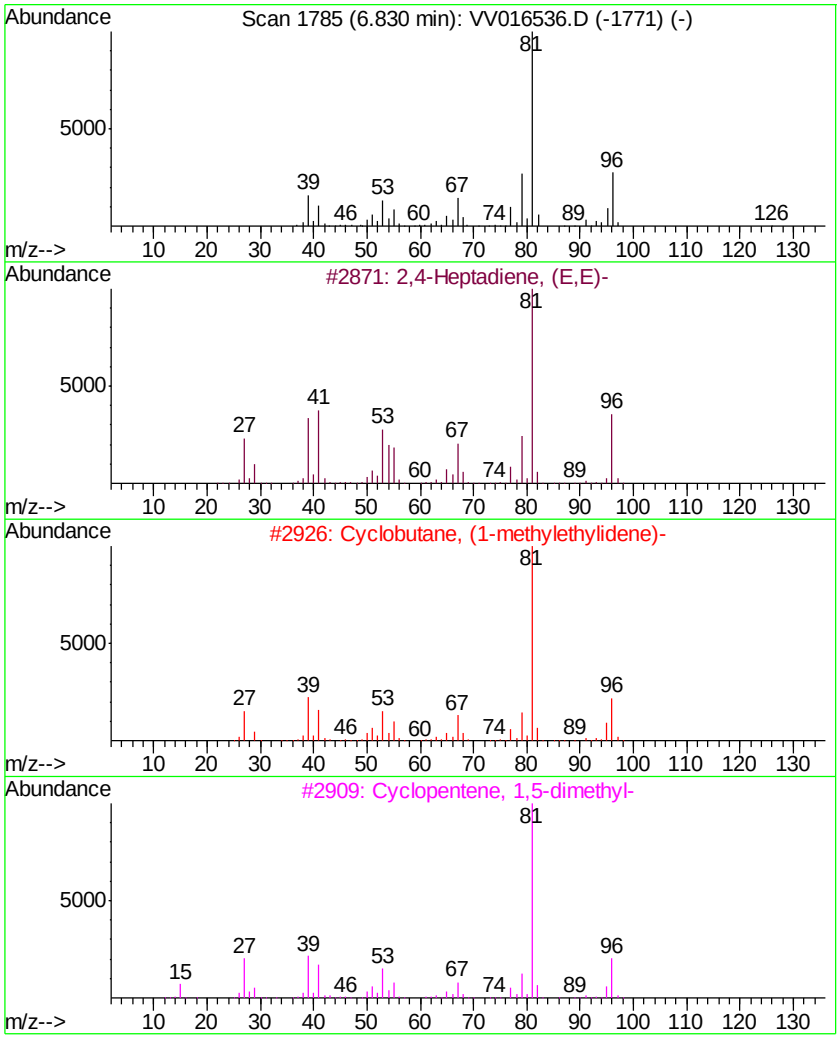
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

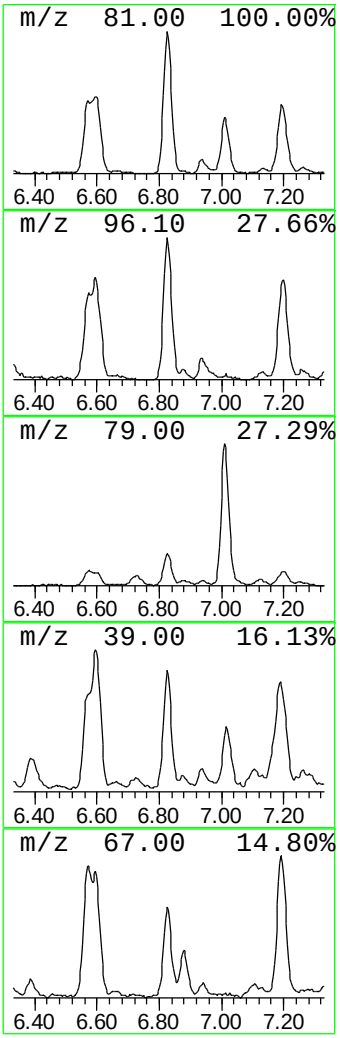
****

Peak Number 29 2,4-Heptadiene, (E,E)- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	13.67 ug/L	252374	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	91
2	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	90
3	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	87
4	1,4-Hexadiene, 5-methyl-	96	C7H12	000763-88-2	87
5	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	86





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Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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

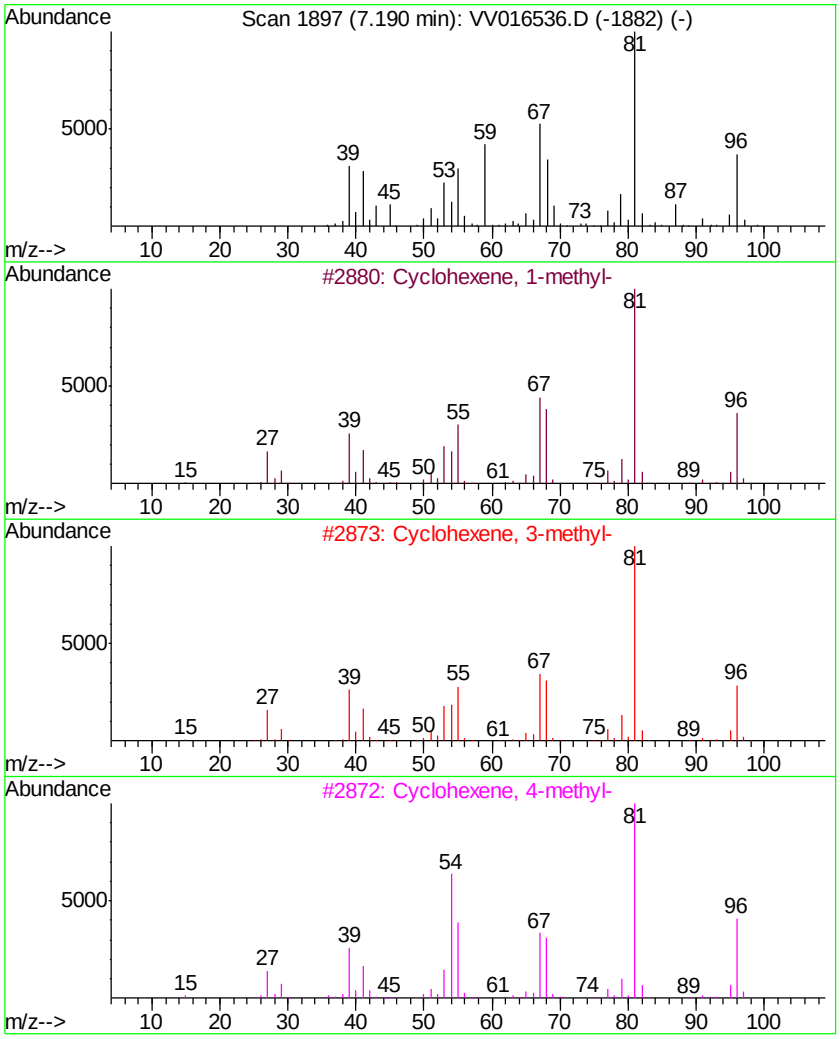
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

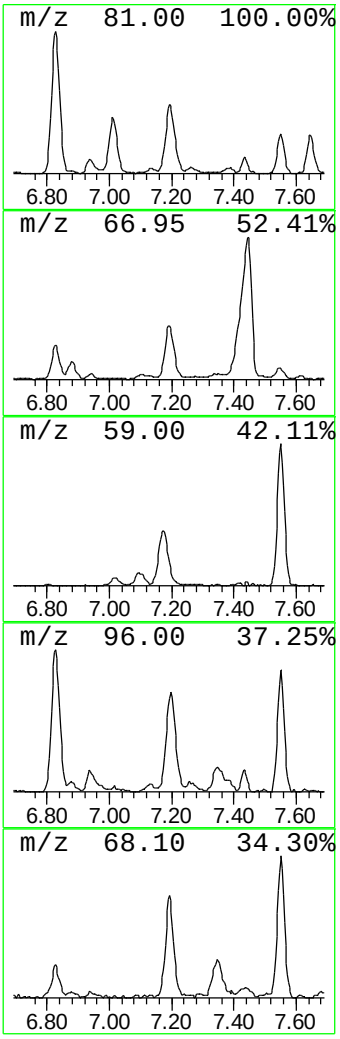
****

Peak Number 31 Cyclohexene, 1-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	15.46 ug/L	285399	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	76
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	70
3	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	64
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	64
5	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	62





Library Search Compound Report

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Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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

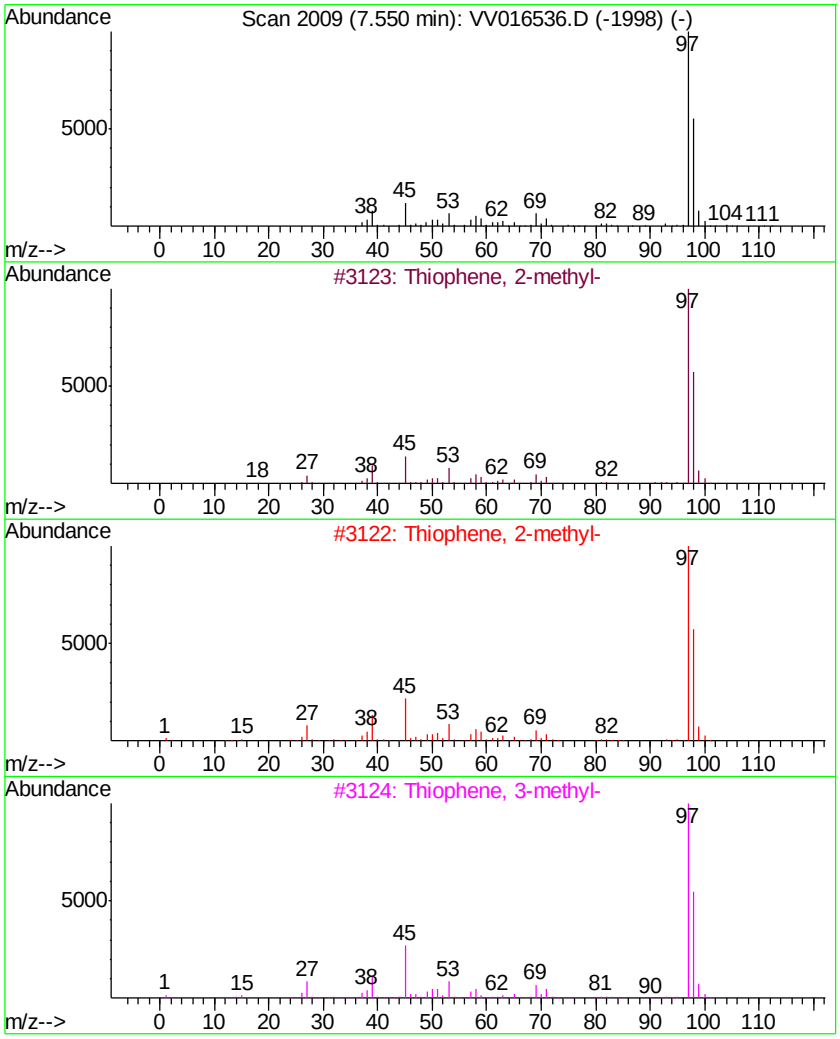
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

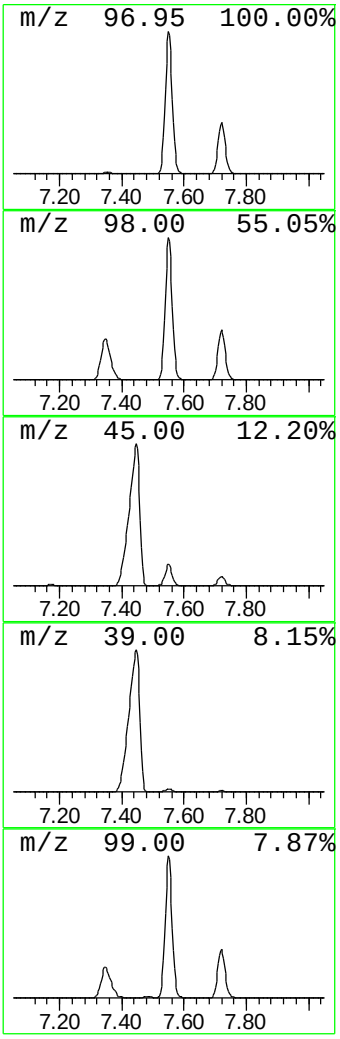
****

Peak Number 32 Thiophene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	201.09 ug/L	5000120	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, 2-methyl-	98	C5H6S	000554-14-3	91
3	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91
4	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	91
5	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91





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Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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

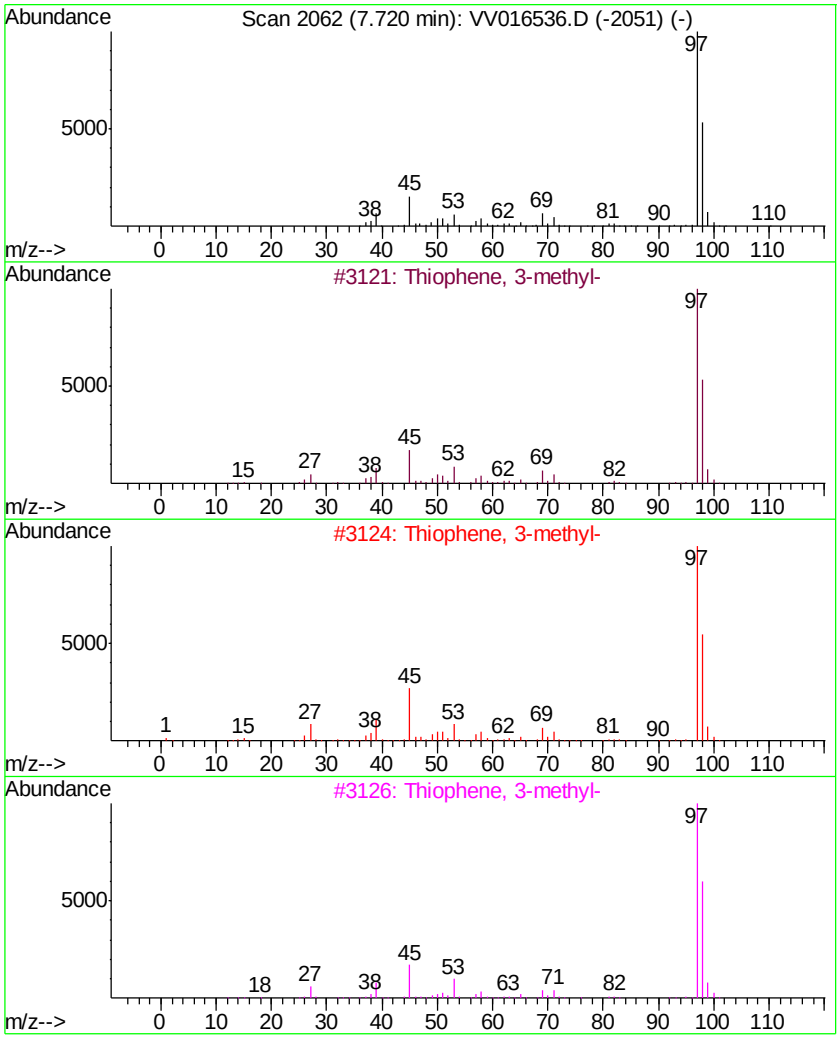
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

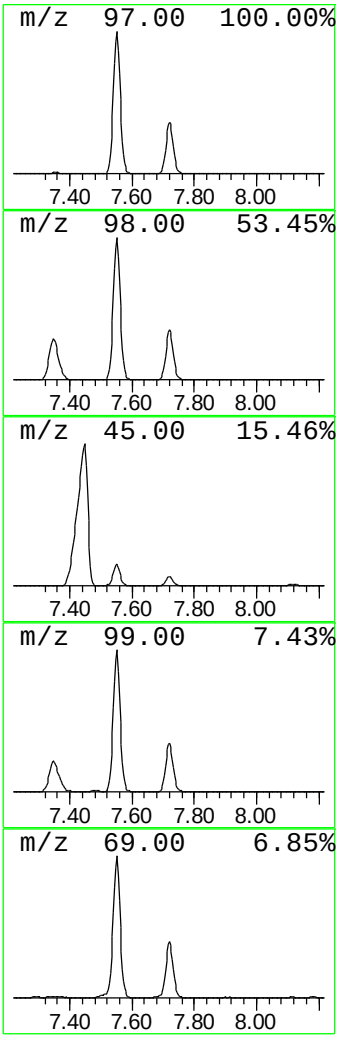
****

Peak Number 33 Thiophene, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	68.50 ug/L	1703330	Chlorobenzene-d5	8.87

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





Library Search Compound Report

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Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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

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

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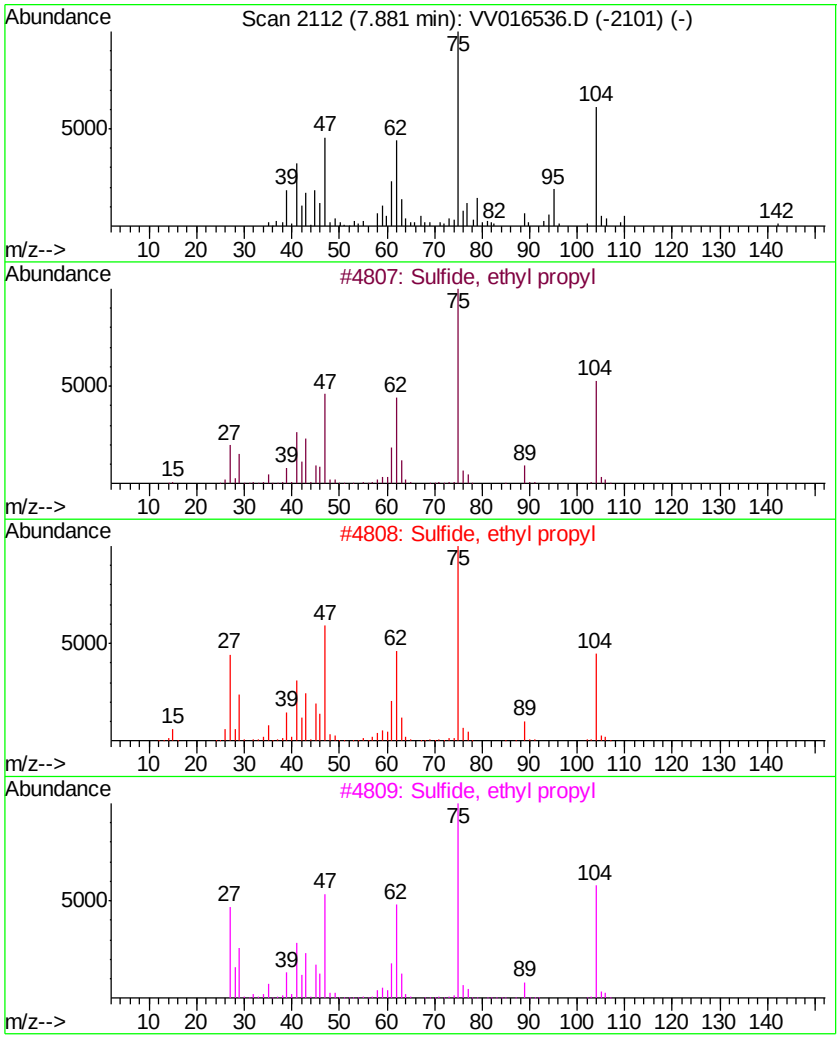
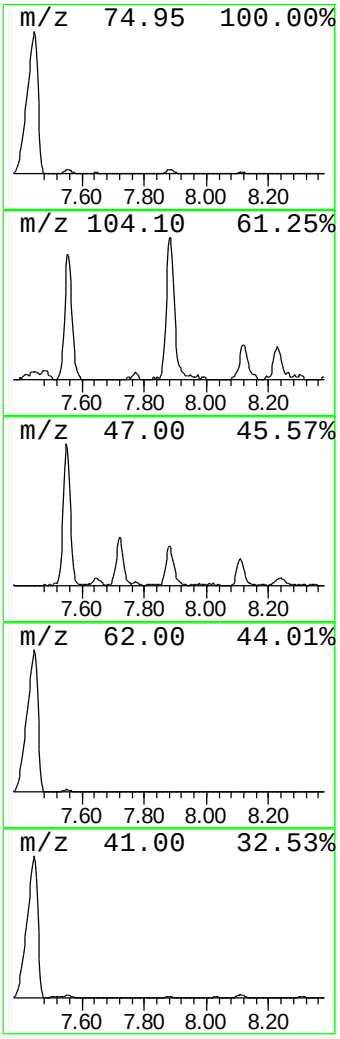
Peak Number 34 Sulfide, ethyl propyl Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	4.82 ug/L	119948	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfide, ethyl propyl	104	C5H12S	004110-50-3	93
2	Sulfide, ethyl propyl	104	C5H12S	004110-50-3	90
3	Sulfide, ethyl propyl	104	C5H12S	004110-50-3	90
4	Ethanol, 2-(ethylthio)-	106	C4H10OS	000110-77-0	43
5	Ethanol, 2-(ethylthio)-	106	C4H10OS	000110-77-0	38





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Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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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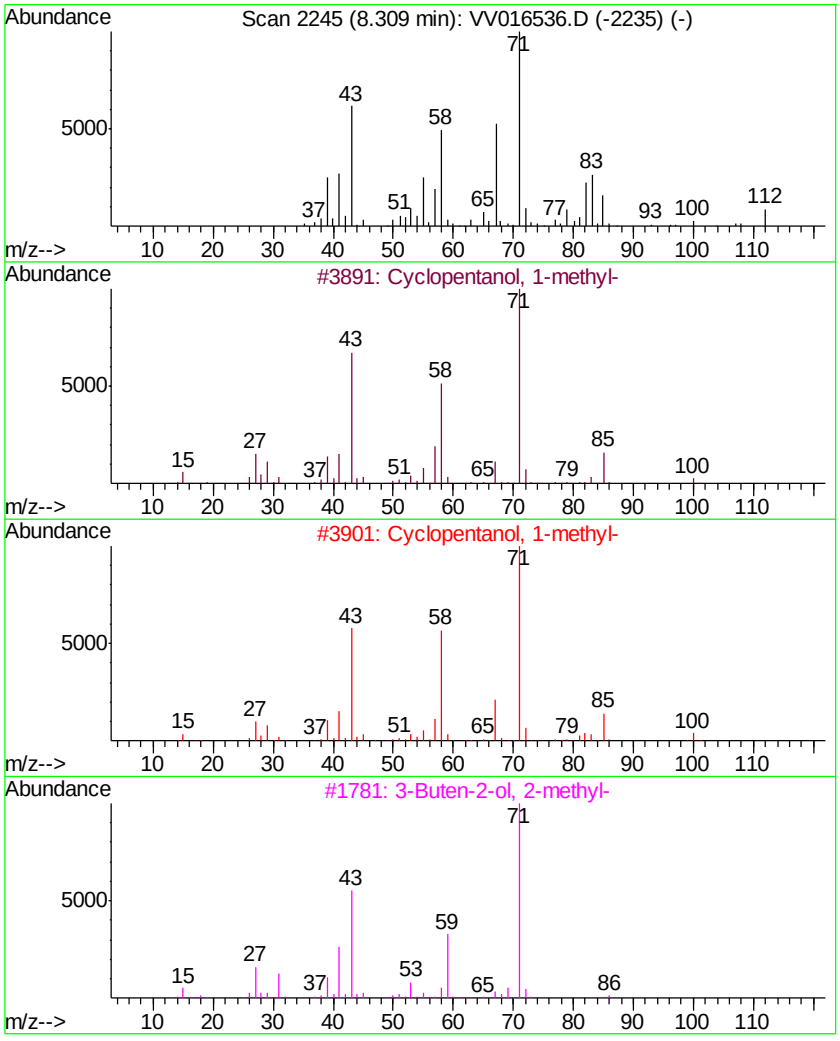
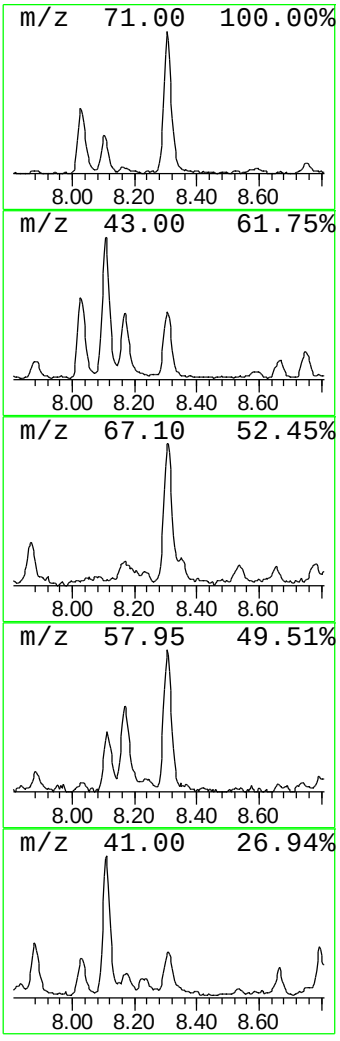
Peak Number 35 Cyclopentanol, 1-methyl- Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	3.99 ug/L	99305	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	52
2	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	52
3	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	27
4	1,4-Hexadiene	82	C6H10	000592-45-0	15
5	Cyclopropane, (1-methylethylidene)-	82	C6H10	004741-86-0	15





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Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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

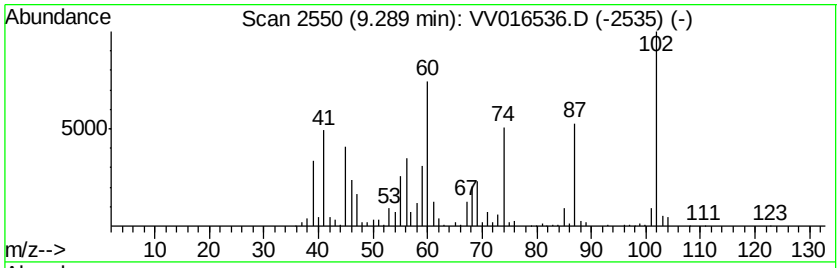
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

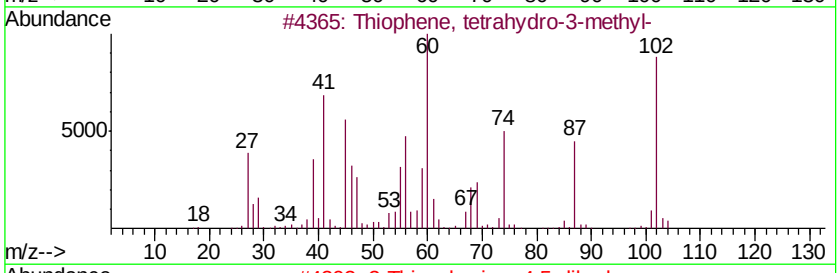
****

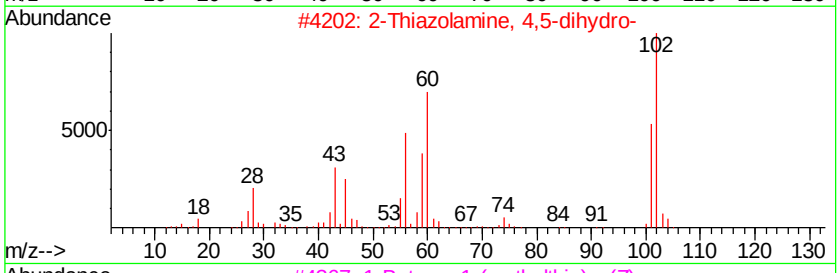
Peak Number 36 Thiophene, tetrahydro-3-met... Concentration Rank 28

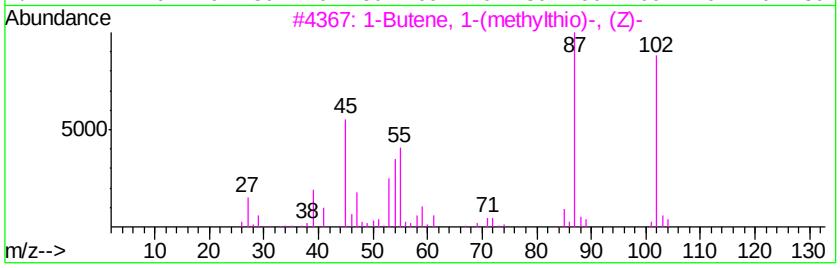
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	29.14 ug/L	724458	Chlorobenzene-d5	8.87

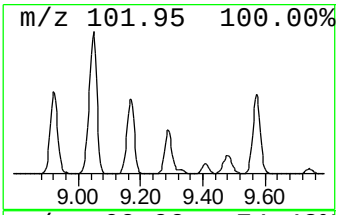
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-3-methyl-	102	C5H10S	004740-00-5	93
2	2-Thiazolamine, 4,5-dihydro-	102	C3H6N2S	001779-81-3	46
3	1-Butene, 1-(methylthio)-, (Z)-	102	C5H10S	017414-15-2	45
4	Thiophene, tetrahydro-2-methyl-	102	C5H10S	001795-09-1	38
5	Propane, 1-(ethenylthio)-	102	C5H10S	016330-21-5	37

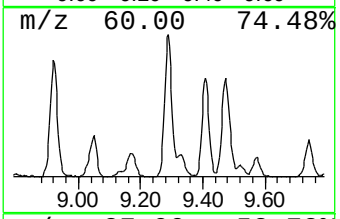


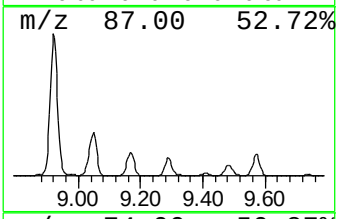


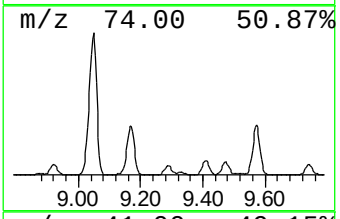


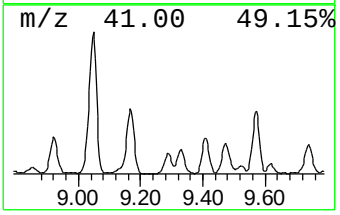












Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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

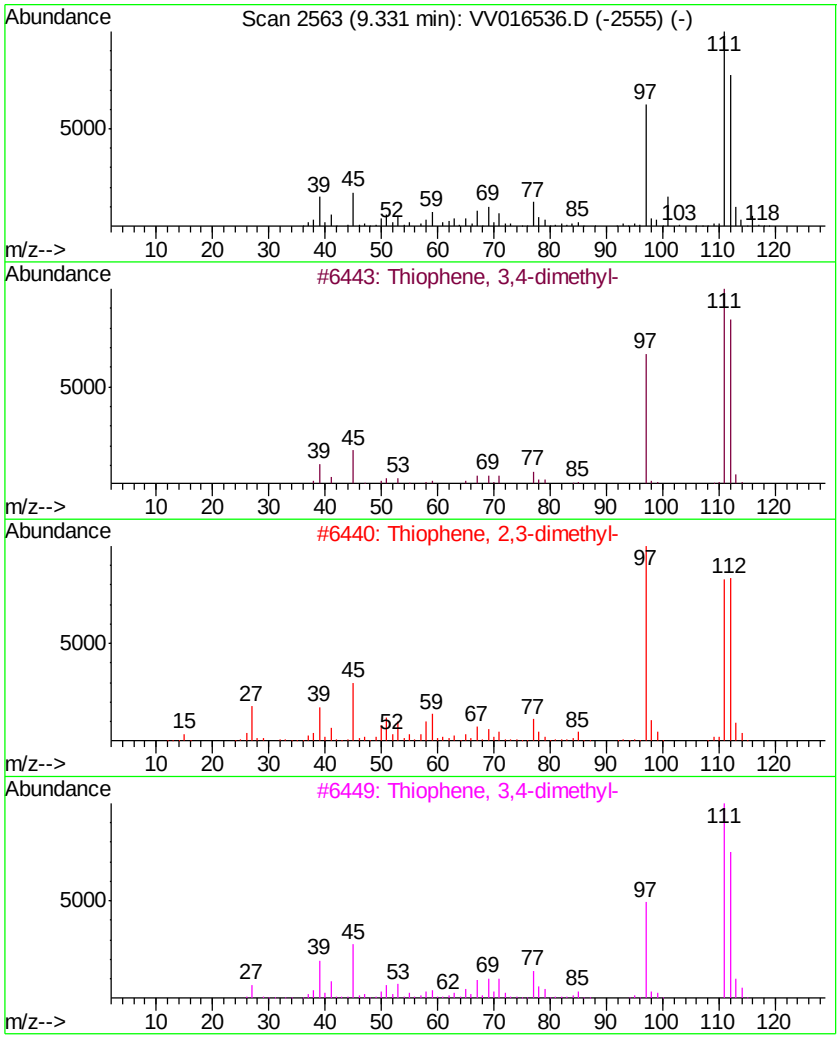
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

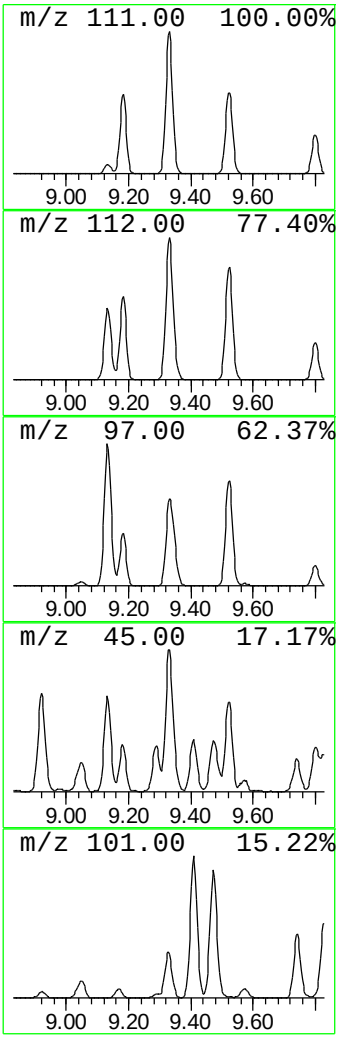
****

Peak Number 37 Thiophene, 3,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	124.81 ug/L	3103450	Chlorobenzene-d5	8.87

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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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

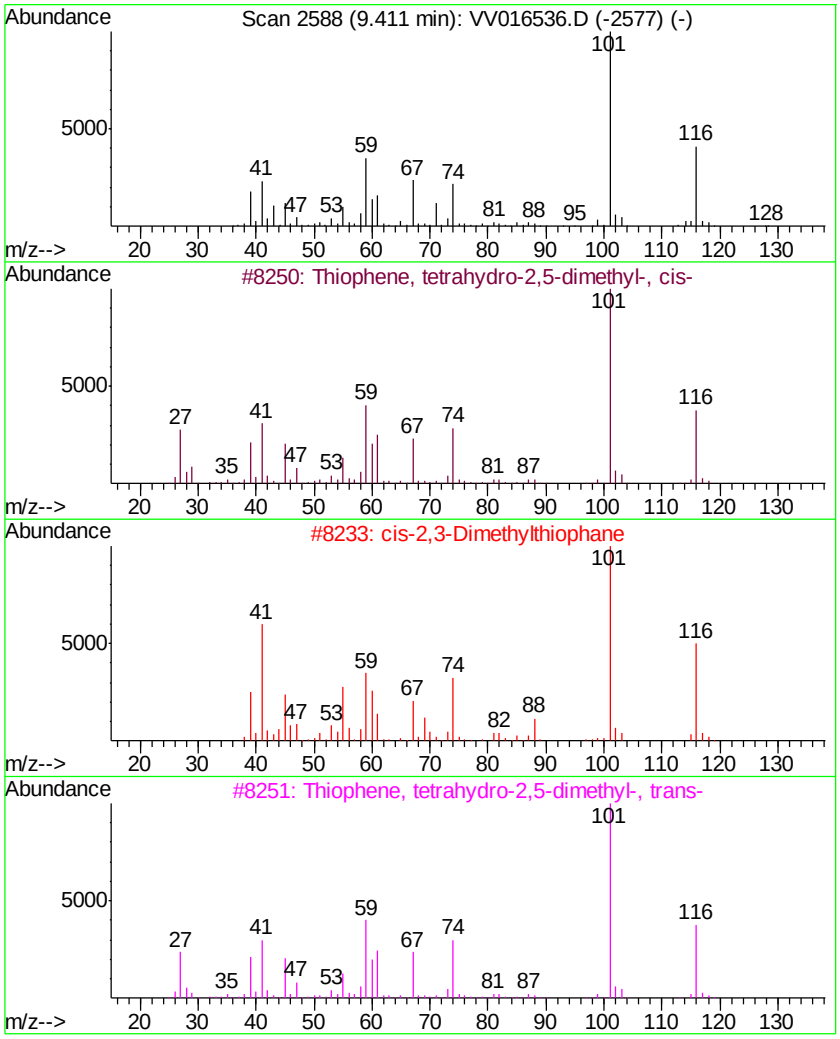
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

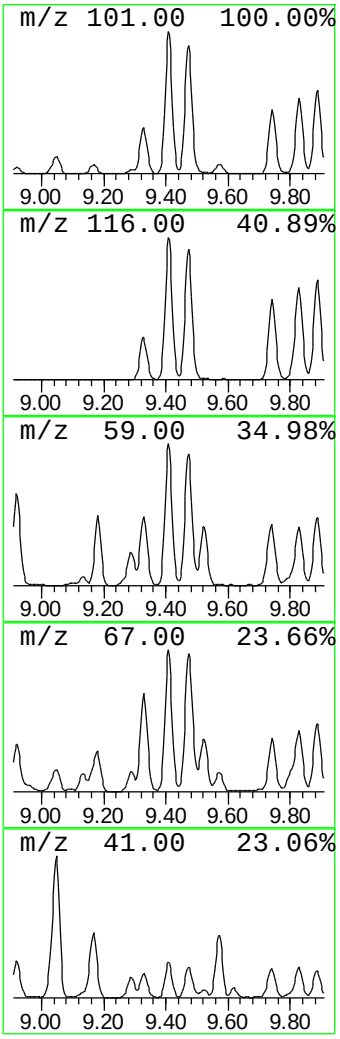
****

Peak Number 38 Thiophene, tetrahydro-2,5-d... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	57.99 ug/L	1441950	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	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	87
3	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	74
4	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	70
5	Thiazole, 4,5-dihydro-4-methyl-2...	116	C4H8N2S	010416-81-6	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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

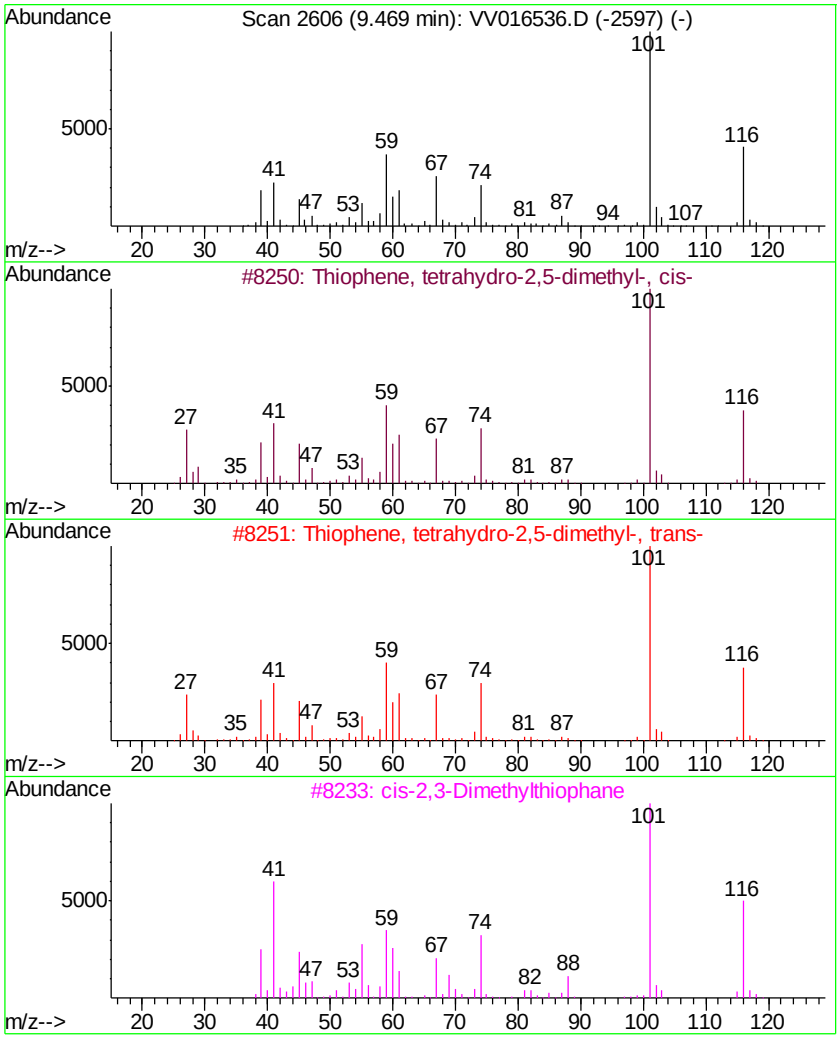
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

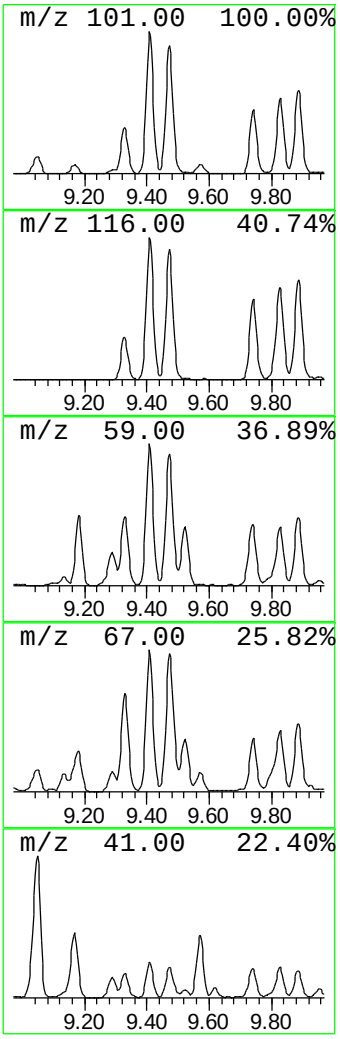
****

Peak Number 39 trans-2,3-Dimethylthiophane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	55.50 ug/L	1379920	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	91
2	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	90
3	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	87
4	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	62
5	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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

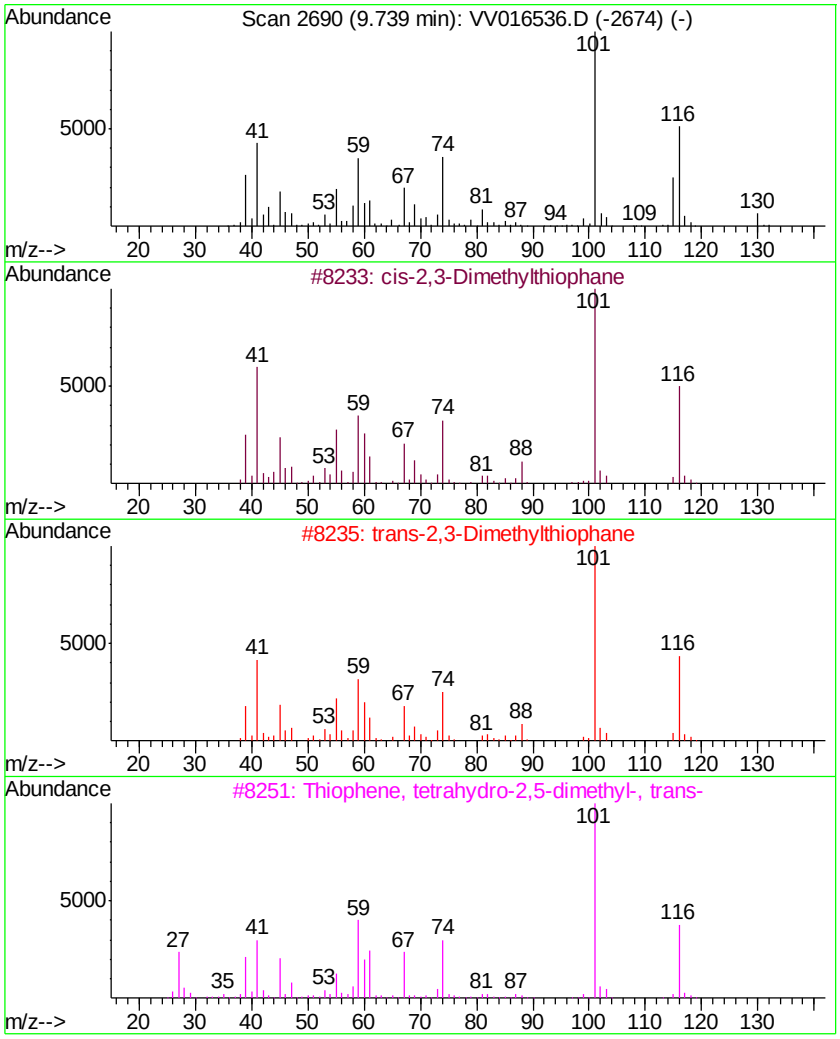
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

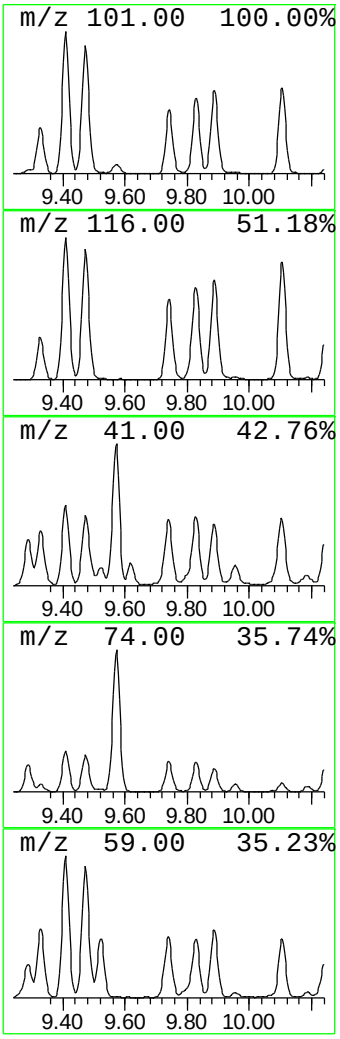
****

Peak Number 40 cis-2,3-Dimethylthiophane Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	38.55 ug/L	958522	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	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	64
4	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	59
5	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	49





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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

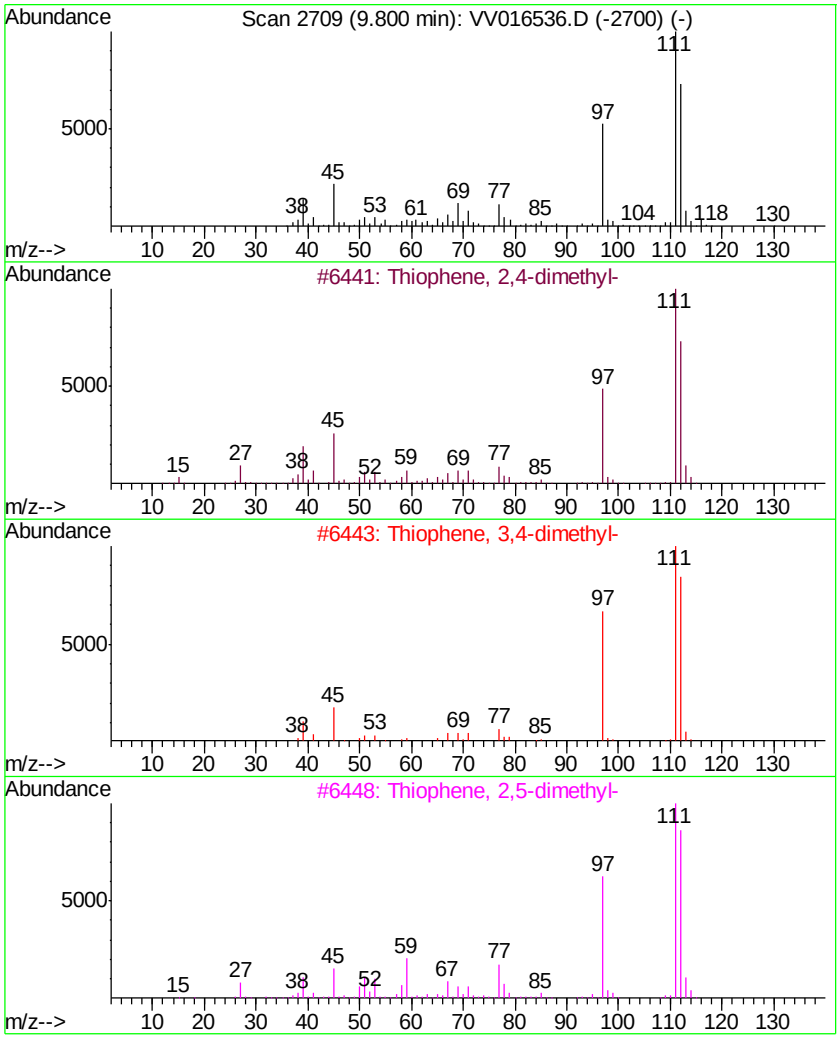
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

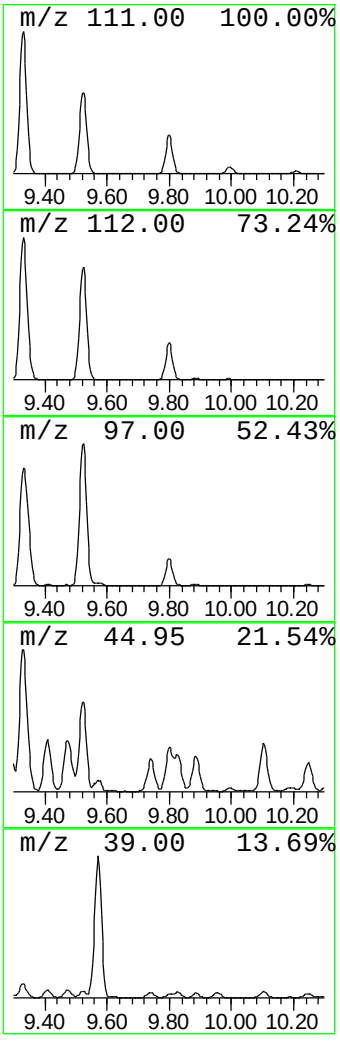
****

Peak Number 41 Thiophene, 2,4-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	24.45 ug/L	608006	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	90
2	Thiophene, 3,4-dimethyl-	112	C6H8S	000632-15-5	86
3	Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	83
4	Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	83
5	Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

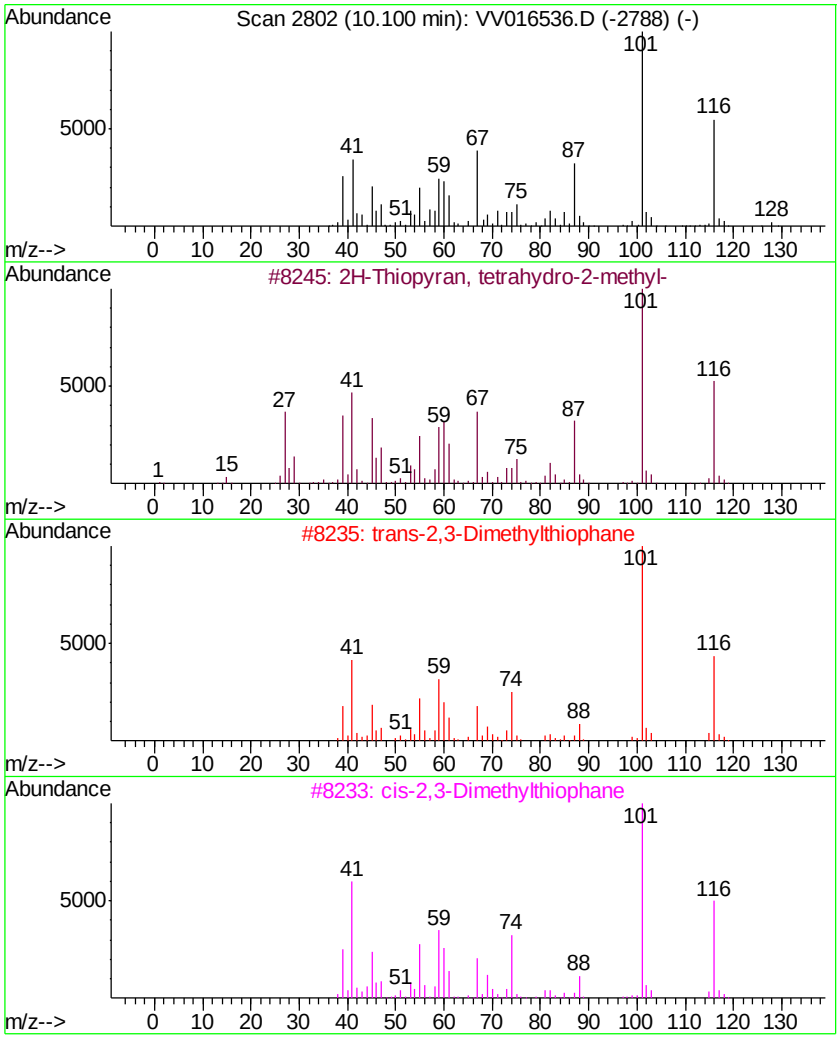
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

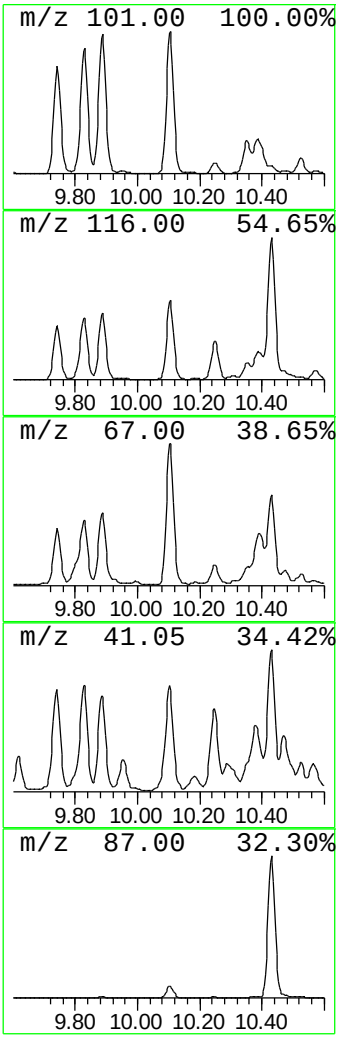
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 2H-Thiopyran, tetrahydro-2-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	35.32 ug/L	1252440	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	95
2	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	86
3	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	81
4	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	53
5	Thiazole, 4,5-dihydro-4-methyl-2...	116	C4H8N2S	010416-81-6	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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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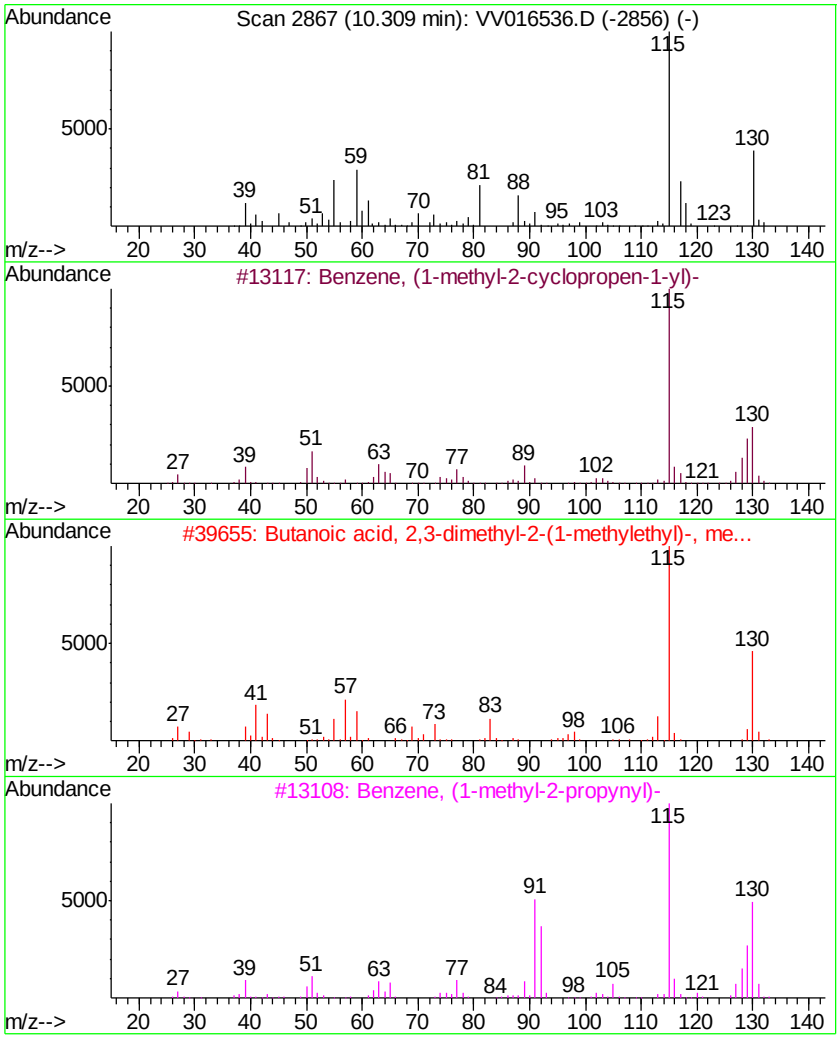
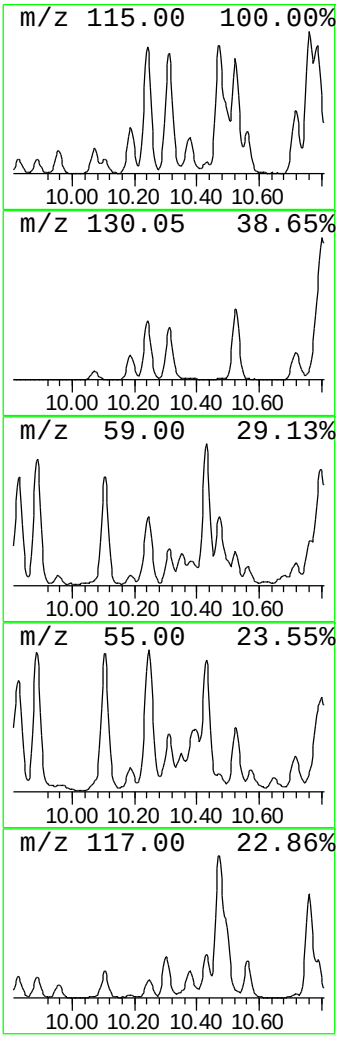
Peak Number 45 unknown-02 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	5.91 ug/L	209449	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	47
2	Butanoic acid, 2,3-dimethyl-2-(1...	172	C10H20O2	055519-33-0	36
3	Benzene, (1-methyl-2-propynyl)-	130	C10H10	004544-28-9	28
4	Cyclohexyl methylphosphonothiono...	196	C7H14FOPS	004241-34-3	12
5	1H-Phosphole, 2,3-dihydro-1,4-di...	130	C6H11OP	015450-68-7	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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

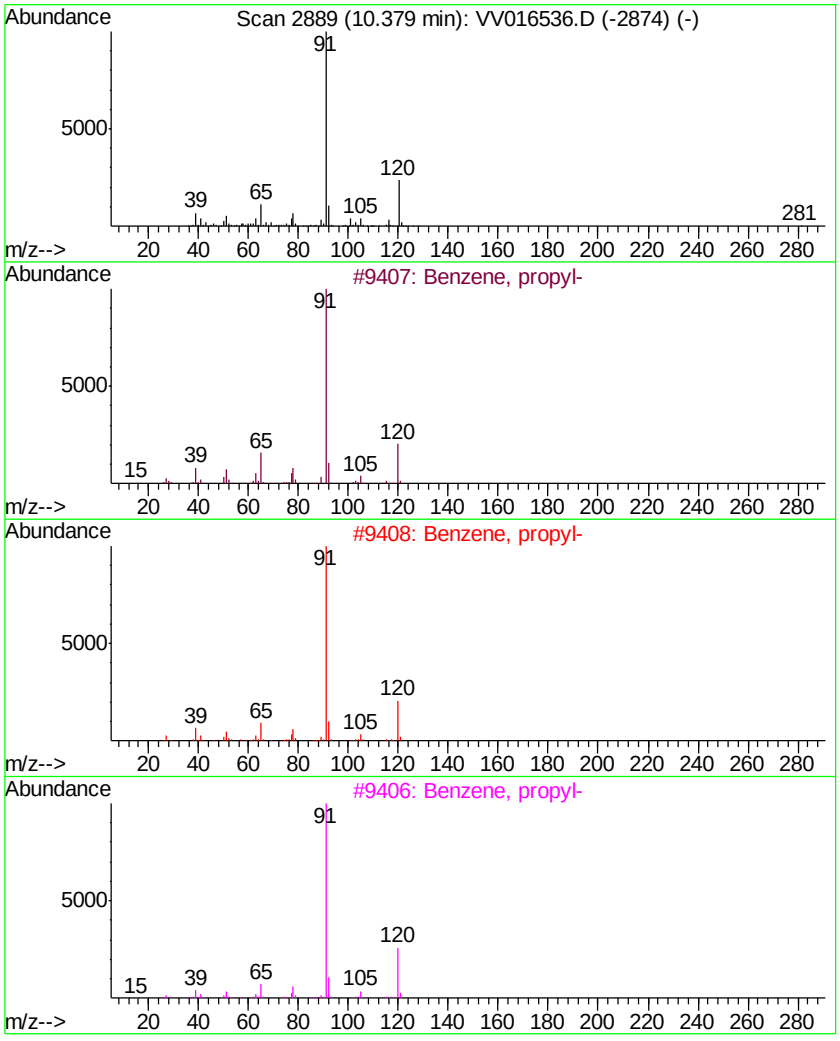
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

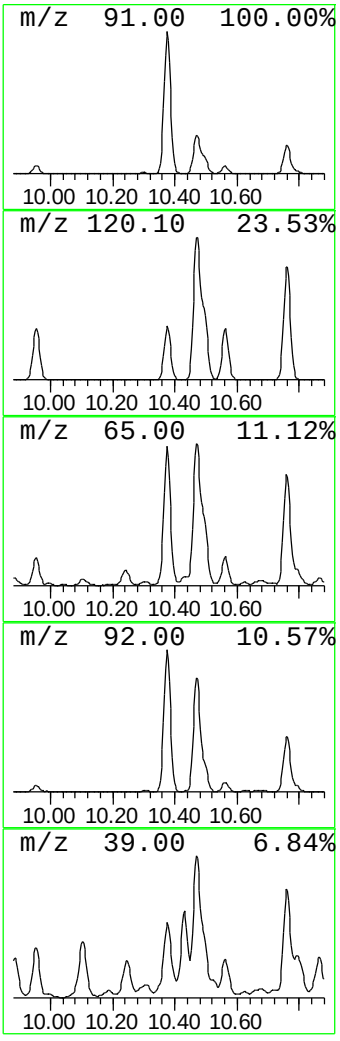
****

Peak Number 46 Benzene, propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	65.84 ug/L	2334460	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	83
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64





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Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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

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

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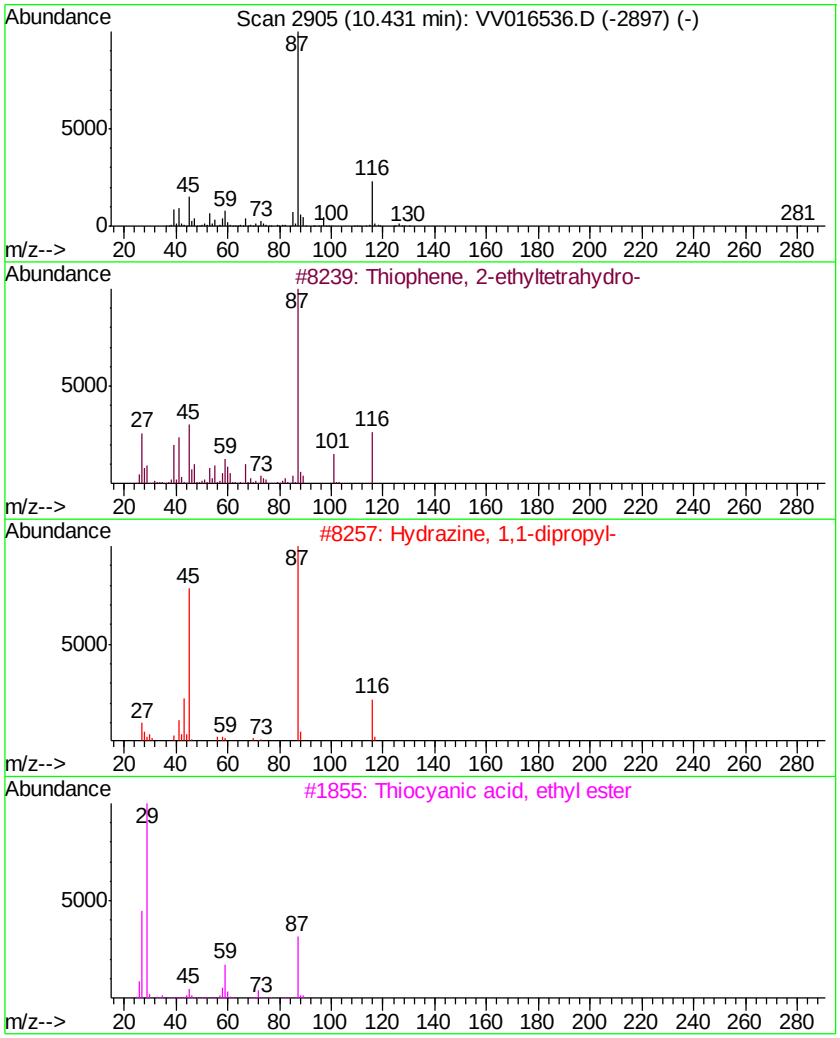
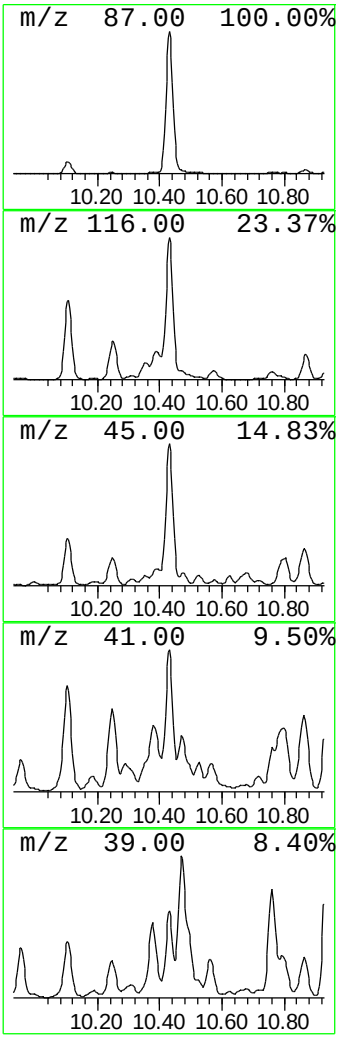
Peak Number 47 Thiophene, 2-ethyltetrahydro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	42.76 ug/L	1516000	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	64
2	Hydrazine, 1,1-dipropyl-	116	C6H16N2	004986-50-9	59
3	Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	52
4	Hydrazine, 1-ethyl-1-(1-methylpr...	116	C6H16N2	020325-97-7	38
5	2-O-Methyl-d-xylose	164	C6H12O5	1000130-01-3	36





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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

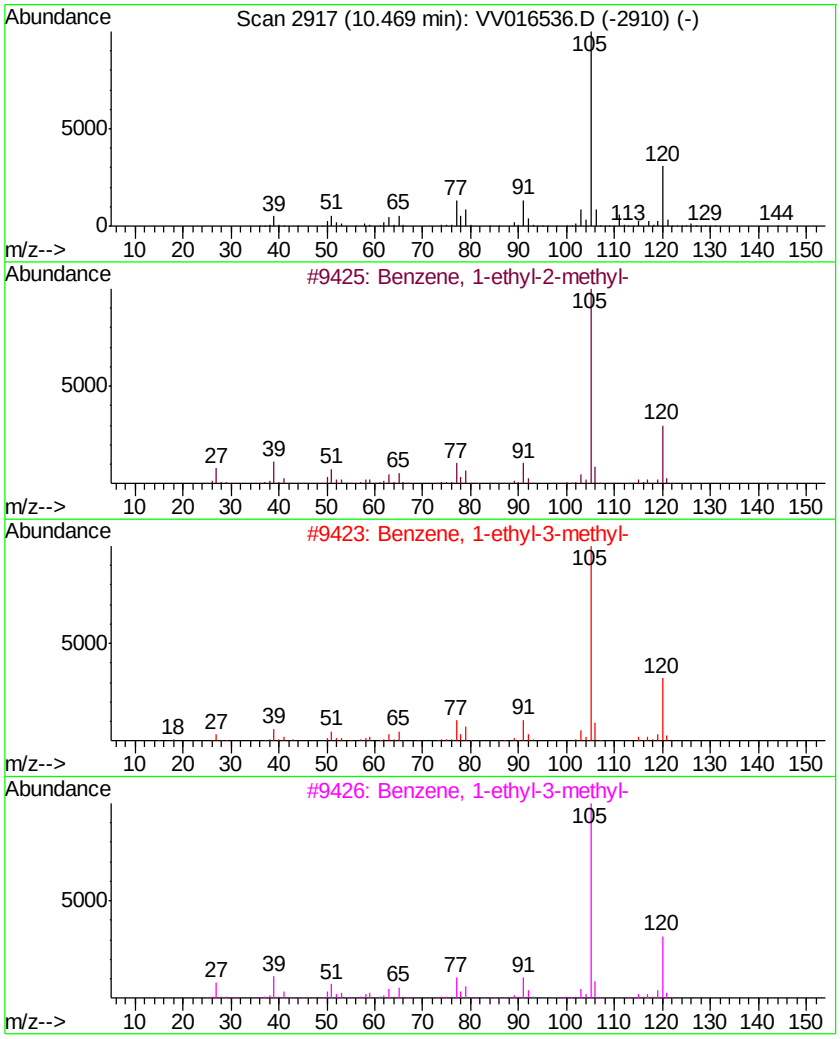
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

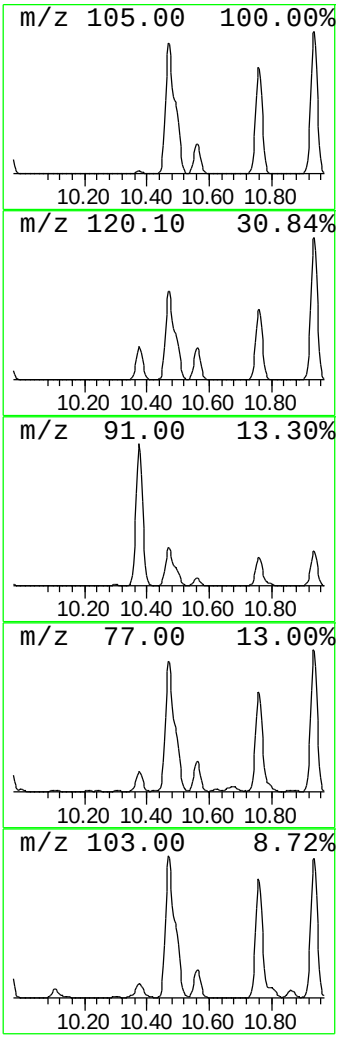
****

Peak Number 48 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	181.22 ug/L	6425560	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Mesitylene	120	C9H12	000108-67-8	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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

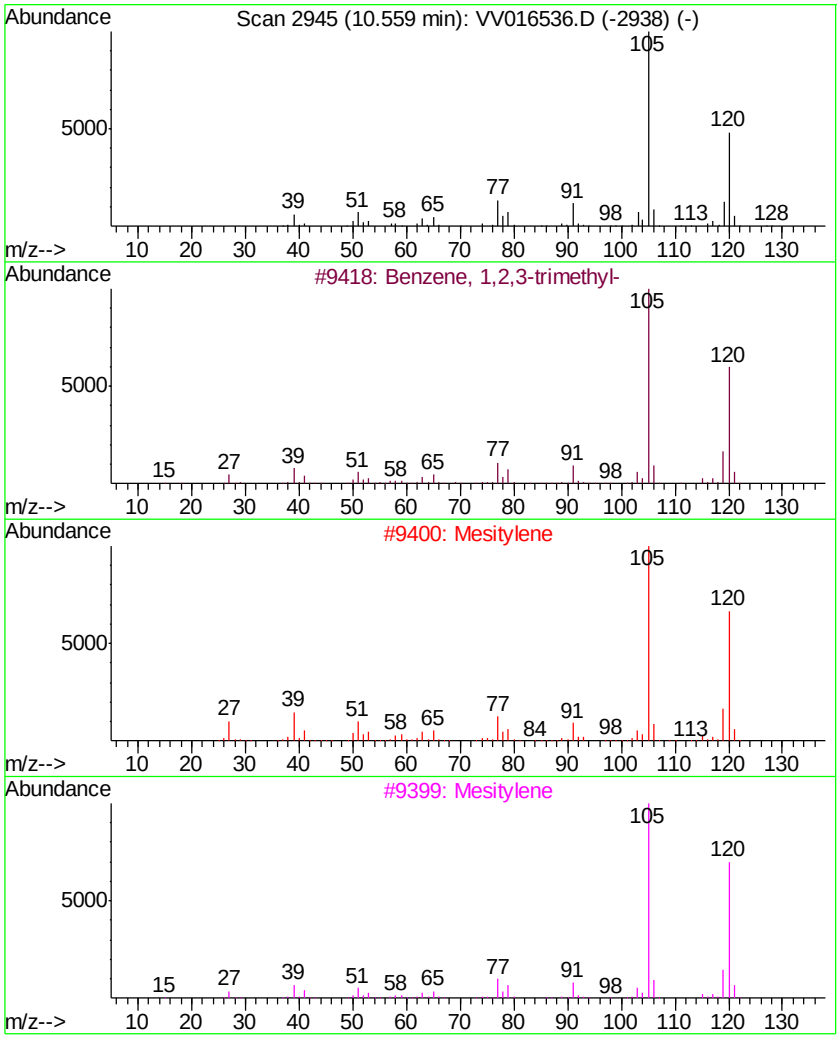
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

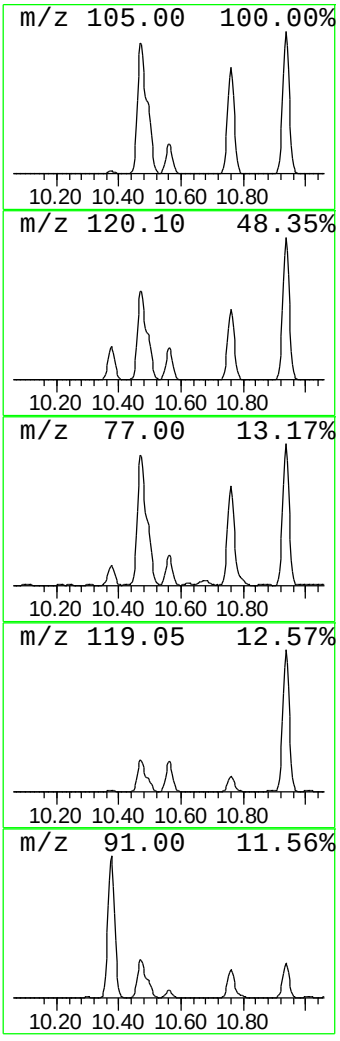
****

Peak Number 49 Benzene, 1,2,3-trimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	34.02 ug/L	1206260	1,4-Dichlorobenzene-d4	11.27

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





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Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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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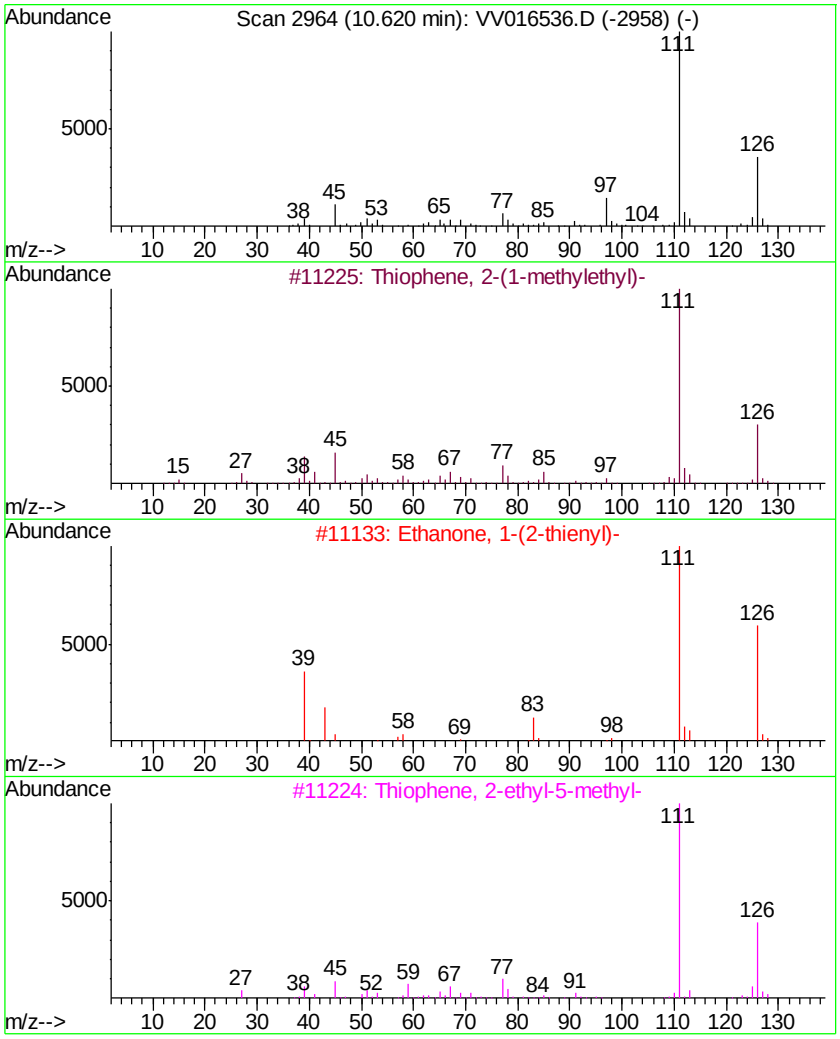
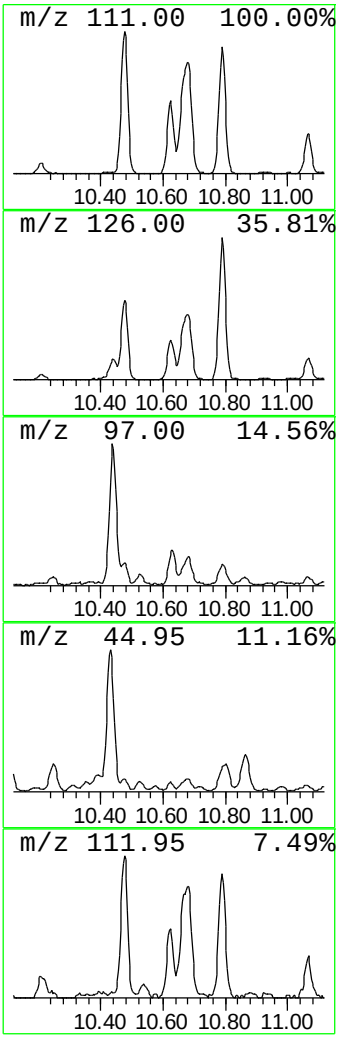
Peak Number 50 Thiophene, 2-(1-methylethyl)- Concentration Rank 74

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	3.00 ug/L	106285	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-(1-methylethyl)-	126	C7H10S	004095-22-1	80
2	Ethanone, 1-(2-thienyl)-	126	C6H6OS	000088-15-3	64
3	Thiophene, 2-ethyl-5-methyl-	126	C7H10S	040323-88-4	59
4	Ethanone, 1-(2-thienyl)-	126	C6H6OS	000088-15-3	59
5	Ethanone, 1-(3-thienyl)-	126	C6H6OS	001468-83-3	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016536.D
Acq On : 05 Jun 2020 15:18
Operator : SY/MD
Sample : L2861-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E40

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	1.36	15.9	ug/L	293552	1	5.64	922781	50.0
(DEL) Alkane: Str...	1.42	16.9	ug/L	312636	1	5.64	922781	50.0
(DEL) Alkane: Str...	1.63	15.1	ug/L	278094	1	5.64	922781	50.0
(DEL) Alkane: Cyc...	1.77	41.4	ug/L	764321	1	5.64	922781	50.0
(DEL) Alkane: Str...	1.81	25.0	ug/L	461998	1	5.64	922781	50.0
(DEL) Alkane: Str...	1.90	43.5	ug/L	803753	1	5.64	922781	50.0
(DEL) Alkane: Str...	1.99	32.8	ug/L	604930	1	5.64	922781	50.0
unknown-01	2.03	27.6	ug/L	510166	1	5.64	922781	50.0
(DEL) Alkane: Str...	2.45	6.3	ug/L	115884	1	5.64	922781	50.0
Cyclopentene	2.49	105.6	ug/L	1948670	1	5.64	922781	50.0
(DEL) Alkane: Cyc...	2.59	101.8	ug/L	1879060	1	5.64	922781	50.0
2-Propanethiol	2.67	5.3	ug/L	97527	1	5.64	922781	50.0
(DEL) Alkane: Str...	2.78	9.5	ug/L	174675	1	5.64	922781	50.0
(DEL) Alkane: Str...	2.96	21.8	ug/L	402727	1	5.64	922781	50.0
(DEL) Alkane: Str...	3.06	8.5	ug/L	156286	1	5.64	922781	50.0
(DEL) Alkane: Str...	3.17	6.0	ug/L	111660	1	5.64	922781	50.0
(DEL) Alkane: Str...	3.24	13.0	ug/L	240349	1	5.64	922781	50.0
(DEL) Alkane: Str...	3.29	4.4	ug/L	80889	1	5.64	922781	50.0
2,4-Hexadiene, (E...	3.46	42.7	ug/L	788419	1	5.64	922781	50.0
Cyclopentene, 4-m...	3.52	15.5	ug/L	286367	1	5.64	922781	50.0
Propyl mercaptan	3.70	4.2	ug/L	77204	1	5.64	922781	50.0
(DEL) Alkane: Cyc...	3.78	93.1	ug/L	1718790	1	5.64	922781	50.0
Cyclopentene, 1-m...	4.49	7.3	ug/L	135185	1	5.64	922781	50.0
Ethylidenecyclobu...	5.25	156.6	ug/L	2890510	1	5.64	922781	50.0
(DEL) Alkane: Str...	5.35	7.9	ug/L	146626	1	5.64	922781	50.0
Thiophene	5.39	11.3	ug/L	208246	1	5.64	922781	50.0
Diethyl sulfide	5.97	4.4	ug/L	81116	1	5.64	922781	50.0
Cyclohexene, 3-me...	6.57	8.2	ug/L	151019	1	5.64	922781	50.0
2,4-Heptadiene, (...	6.83	13.7	ug/L	252374	1	5.64	922781	50.0
Cyclohexene, 1-me...	7.19	15.5	ug/L	285399	1	5.64	922781	50.0
Thiophene, 2-methyl-	7.55	201.1	ug/L	5000120	2	8.87	1243240	50.0
Thiophene, 3-methyl-	7.72	68.5	ug/L	1703330	2	8.87	1243240	50.0
Sulfide, ethyl pr...	7.88	4.8	ug/L	119948	2	8.87	1243240	50.0
Cyclopentanol, 1-...	8.31	4.0	ug/L	99305	2	8.87	1243240	50.0
Thiophene, tetrah...	9.29	29.1	ug/L	724458	2	8.87	1243240	50.0
Thiophene, 3,4-di...	9.33	124.8	ug/L	3103450	2	8.87	1243240	50.0
Thiophene, tetrah...	9.41	58.0	ug/L	1441950	2	8.87	1243240	50.0
trans-2,3-Dimethy...	9.47	55.5	ug/L	1379920	2	8.87	1243240	50.0
cis-2,3-Dimethylt...	9.74	38.5	ug/L	958522	2	8.87	1243240	50.0
Thiophene, 2,4-di...	9.80	24.4	ug/L	608006	2	8.87	1243240	50.0
2H-Thiopyran, tet...	10.10	35.3	ug/L	1252440	3	11.27	1772870	50.0
unknown-02	10.31	5.9	ug/L	209449	3	11.27	1772870	50.0
Benzene, propyl-	10.38	65.8	ug/L	2334460	3	11.27	1772870	50.0
Thiophene, 2-ethy...	10.43	42.8	ug/L	1516000	3	11.27	1772870	50.0
Benzene, 1-ethyl-...	10.47	181.2	ug/L	6425560	3	11.27	1772870	50.0
Benzene, 1,2,3-tr...	10.56	34.0	ug/L	1206260	3	11.27	1772870	50.0
Thiophene, 2-(1-m...	10.62	3.0	ug/L	106285	3	11.27	1772870	50.0