LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.222	36	41	47	rVB	28494	25180	0.01%	0.004%
2	1.312	60	69	78	rBV2	513883	663176	0.36%	0.114%
3	1.361	78	84	95	rVB	301605	291886	0.16%	0.050%
4	1.422	96	103	110	rBV	343976	311278	0.17%	0.053%
5	1.557	135	145	158	rVB2	151512	243332	0.13%	0.042%
6	1.627	159	167	181	rVB	212742	273043	0.15%	0.047%
7	1.769	202	211	217	rVV	616205	762607	0.41%	0.131%
8	1.807	217	223	238	rVB	348421	471173	0.26%	0.081%
9	1.904	244	253	268	rBV	614629	807826	0.44%	0.138%
10	1.988	269	279	286	rVV	442031	604629	0.33%	0.104%
11	2.033	286	293	309	rVV2	352123	525078	0.28%	0.090%
12	2.116	310	319	329	rVV	279300	418062	0.23%	0.072%
13	2.171	330	336	344	rVV2	47428	69291	0.04%	0.012%
14	2.216	344	350	363	rVB	25800	38859	0.02%	0.007%
15	2.447	411	422	424	rBV	82491	120228	0.07%	0.021%
16	2.489	425	435	446	rVB	1169357	1954518	1.06%	0.335%
17	2.589	456	466	483	rVB	1025162	1886699	1.02%	0.323%
18	2.775	505	524	536	rVB3	64861	170312	0.09%	0.029%
19	2.968	570	584	599	rBV	209859	416751	0.23%	0.071%
20	3.055	601	611	627	rVB2	76970	155777	0.08%	0.027%
21	3.174	632	648	657	rBV3	53480	112648	0.06%	0.019%
22	3.238	658	668	678	rBV	92572	185216	0.10%	0.032%
23	3.386	701	714	721	rBV3	21798	48498	0.03%	0.008%
24	3.454	722	735	749	rBV3	288759	738993	0.40%	0.127%
25	3.708	798	814	822	rBV3	35240	85474	0.05%	0.015%
26	3.785	823	838	863	rVV	686777	1764426	0.96%	0.302%
27	3.897	864	873	897	rVB	102119	262143	0.14%	0.045%
28	4.377	1000	1022	1041	rBV	218995	576732	0.31%	0.099%
29	4.483	1045	1055	1074	rVV5	49248	134234	0.07%	0.023%
30	4.704	1097	1124	1174	rVB	1383608	3587399	1.94%	0.615%
31	4.975	1183	1208	1217	rBV9	17033	60625	0.03%	0.010%
32	5.151	1217	1263	1278	rBV2	53213943	151182764	81.90%	25.906%
33	5.251	1285	1294	1313	rVB	1258067	2664678	1.44%	0.457%
34	5.643	1403	1416	1436	rBV	472133	965563	0.52%	0.165%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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	5.965	1499	1516	1535	rVB9	33440	88567	0.05%	0.015%
36	6.097	1535	1557	1566	rBV	295991	633827	0.34%	0.109%
37	6.155	1568	1575	1598	rVB2	314056	638849	0.35%	0.109%
38	6.270	1602	1611	1625	rVB5	30468	64344	0.03%	0.011%
39	6.389	1639	1648	1668	rVB2	32877	73323	0.04%	0.013%
40	6.573	1691	1705	1708	rBV4	104202	175746	0.10%	0.030%
41	6.717	1744	1750	1766	rVB4	12269	28393	0.02%	0.005%
42	6.827	1772	1784	1795	rBV	141685	261248	0.14%	0.045%
43	7.013	1831	1842	1858	rVV2	231869	434684	0.24%	0.074%
44	7.190	1883	1897	1911	rVB5	111209	295515	0.16%	0.051%
45	7.347	1933	1946	1954	rBV	524949	1076844	0.58%	0.185%
46	7.447	1954	1977	1993	rVB3	66716863	184601217	100.00%	31.633%
47	7.550	1999	2009	2025	rVB	3134500	5063268	2.74%	0.868%
48	7.646	2031	2039	2049	rVB	106418	159711	0.09%	0.027%
49	7.720	2051	2062	2075	rBV	1074448	1732687	0.94%	0.297%
50	7.878	2101	2111	2130	rVB4	65022	130318	0.07%	0.022%
51	8.026	2149	2157	2169	rBV2	36724	63650	0.03%	0.011%
52	8.109	2173	2183	2196	rBV	380866	646125	0.35%	0.111%
53	8.306	2236	2244	2254	rBV3	56927	95424	0.05%	0.016%
54	8.666	2343	2356	2366	rBV8	21232	41548	0.02%	0.007%
55	8.743	2372	2380	2386	rBV5	18922	33793	0.02%	0.006%
56	8.875	2406	2421	2428	rBV2	737518	1286488	0.70%	0.220%
57	8.920	2428	2435	2450	rVB	964684	1566486	0.85%	0.268%
58	9.048	2458	2475	2491	rBV2	41145432	76803063	41.60%	13.161%
59	9.167	2492	2512	2534	rVB	22825809	40380571	21.87%	6.919%
60	9.289	2538	2550	2555	rBV	455677	725720	0.39%	0.124%
61	9.331	2555	2563	2577	rVB2	1922550	3191387	1.73%	0.547%
62	9.408	2577	2587	2597	rBV	954964	1481746	0.80%	0.254%
63	9.473	2598	2607	2615	rBV	857566	1413497	0.77%	0.242%
64	9.521	2615	2622	2627	rVV	1248203	1794600	0.97%	0.308%
65	9.572	2627	2638	2650	rVB	21323910	33980995	18.41%	5.823%
66	9.740	2679	2690	2700	rBV3	539939	936587	0.51%	0.160%
67	9.801	2700	2709	2712	rBV	444997	639220	0.35%	0.110%
68	9.884	2727	2735	2746	rVB	615667	943479	0.51%	0.162%
69	9.955	2747	2757	2767	rBV	1258199	1869991	1.01%	0.320%
70	10.103	2789	2803	2818	rVB	749697	1280223	0.69%	0.219%
71	10.187	2822	2829	2836	rBV3	56800	92904	0.05%	0.016%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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	10.241	2837	2846	2856	rBV3	778956	1265218	0.69%	0.217%
73	10.376	2875	2888	2897	rBV	1418230	2394943	1.30%	0.410%
74	10.431	2898	2905	2910	rVV	1294191	1945412	1.05%	0.333%
75	10.473	2910	2918	2938	rVV	3330952	7168644	3.88%	1.228%
76	10.563	2939	2946	2957	rVB	813856	1230329	0.67%	0.211%
77	10.624	2960	2965	2971	rVB2	71401	79405	0.04%	0.014%
78	10.679	2972	2982	2989	rBV2	129984	262280	0.14%	0.045%
79	10.759	2998	3007	3016	rBV	2504540	4143096	2.24%	0.710%
80	10.865	3030	3040	3051	rVB4	601050	1061286	0.57%	0.182%
81	10.936	3051	3062	3073	rBV	3781095	5679353	3.08%	0.973%
82	11.119	3111	3119	3132	rBV5	157125	350120	0.19%	0.060%
83	11.270	3155	3166	3177	rVB2	1045255	1829205	0.99%	0.313%
84	11.360	3184	3194	3204	rVB	2987306	4401988	2.38%	0.754%
85	11.550	3244	3253	3264	rBV	1531992	2441043	1.32%	0.418%
86	11.646	3275	3283	3294	rBV2	652891	1033328	0.56%	0.177%
87	11.768	3312	3321	3333	rVB	848234	1287813	0.70%	0.221%
88	12.039	3399	3405	3411	rBV2	148803	192095	0.10%	0.033%
89	12.138	3428	3436	3456	rVB2	315815	635376	0.34%	0.109%
90	12.749	3619	3626	3644	rVB	101730	169170	0.09%	0.029%
91	12.903	3665	3674	3686	rBV2	515895	819832	0.44%	0.140%
92	12.971	3688	3695	3710	rVB	229821	355378	0.19%	0.061%
93	13.077	3717	3728	3740	rBV3	356333	607604	0.33%	0.104%
94	13.527	3856	3868	3892	rVB	3502967	5361477	2.90%	0.919%
95	13.646	3895	3905	3927	rVB	514714	806819	0.44%	0.138%
96	14.318	4107	4114	4128	rVB3	32223	54491	0.03%	0.009%
97	14.460	4151	4158	4169	rBV5	18266	30133	0.02%	0.005%
98	14.601	4194	4202	4210	rBV	29817	44980	0.02%	0.008%
99	14.656	4210	4219	4237	rBV2	164465	328870	0.18%	0.056%
100	14.846	4267	4278	4291	rBV2	161408	292346	0.16%	0.050%

Sum of corrected areas: 583577170

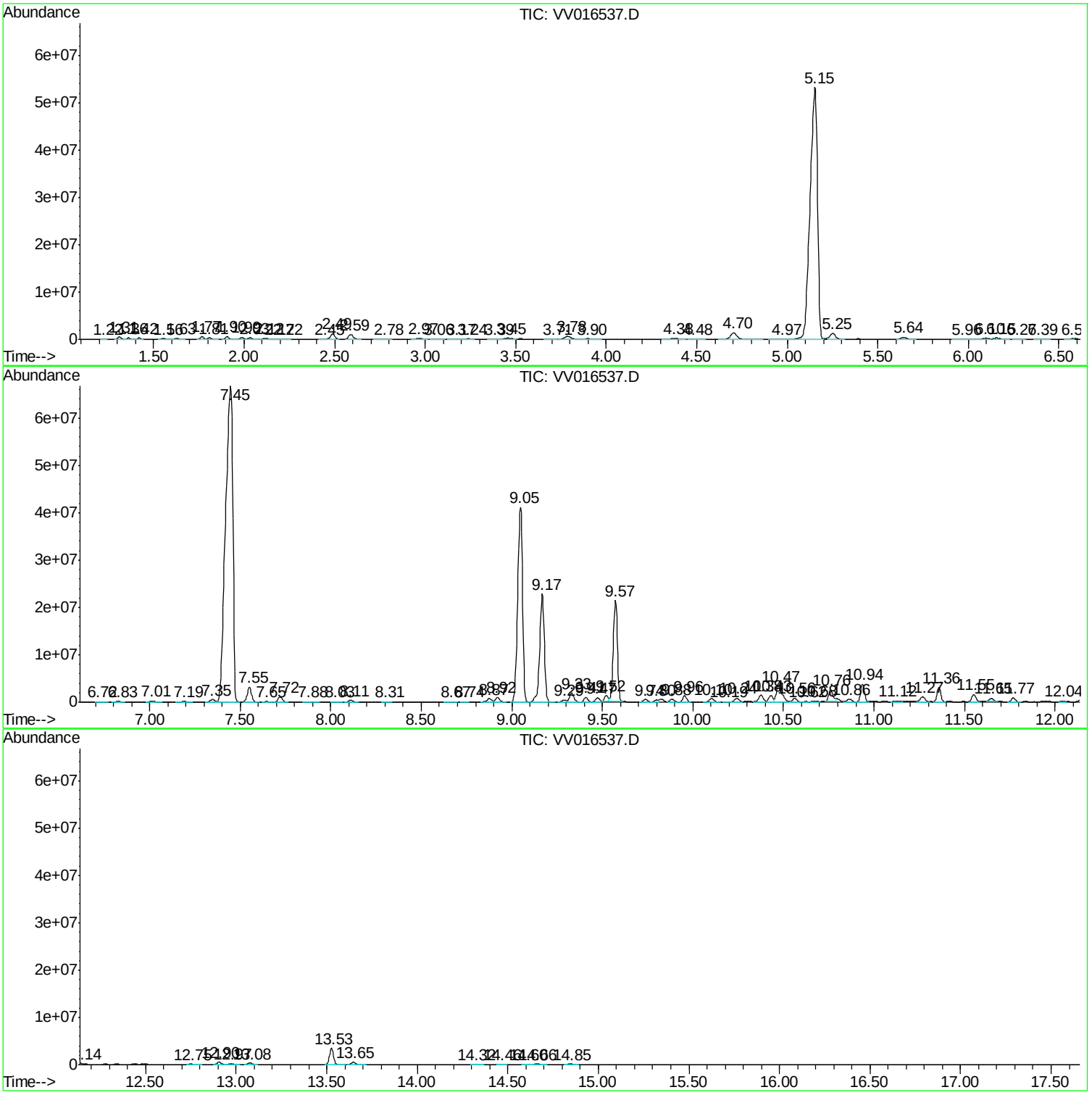
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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 : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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

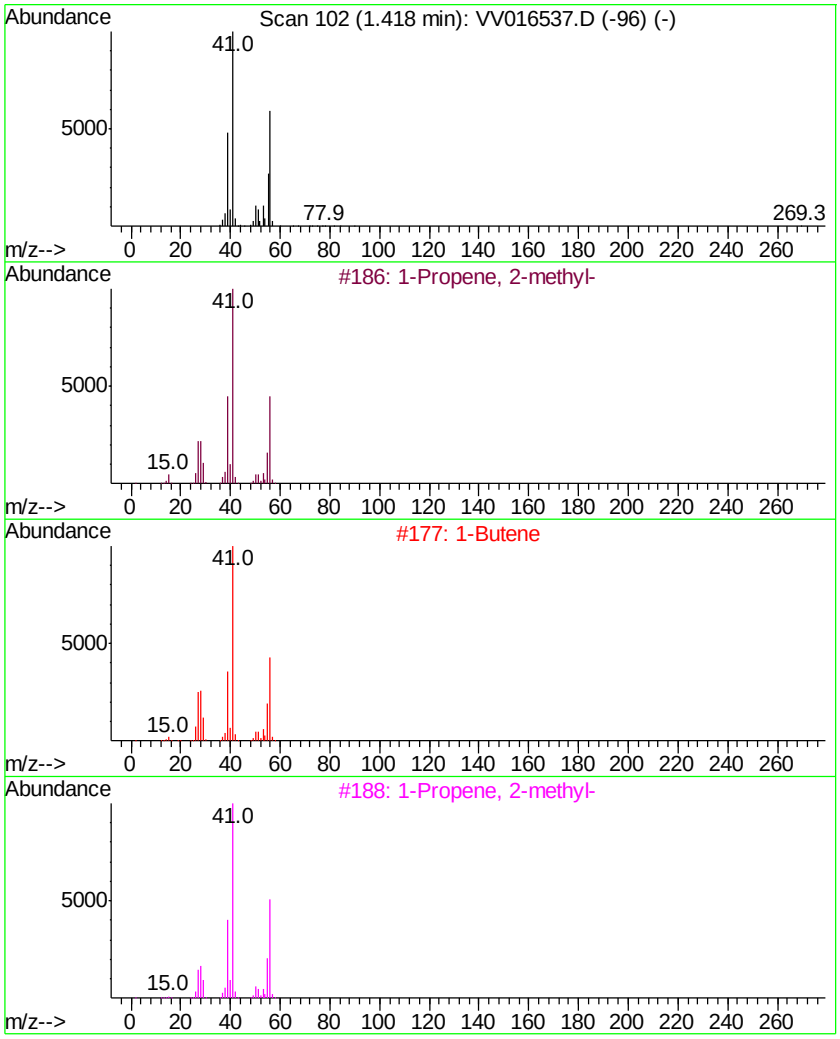
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

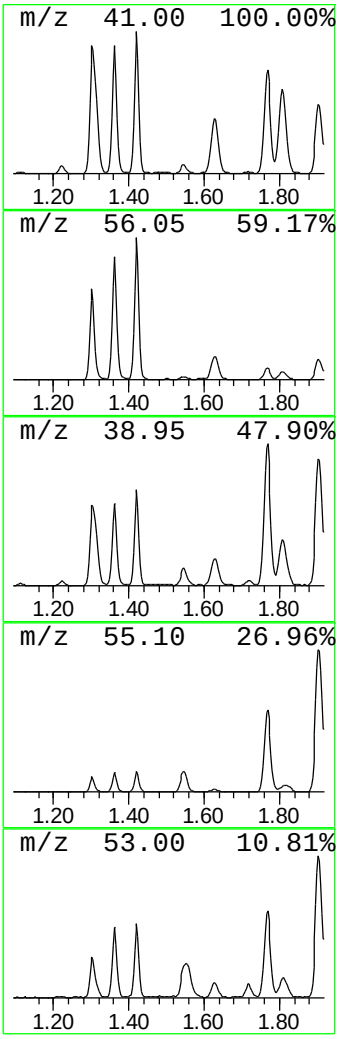
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.42	16.12 ug/L	311278	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	90
2	1-Butene	56	C4H8	000106-98-9	87
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	83
4	2-Butene, (Z)-	56	C4H8	000590-18-1	74
5	2-Butene, (E)-	56	C4H8	000624-64-6	74





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

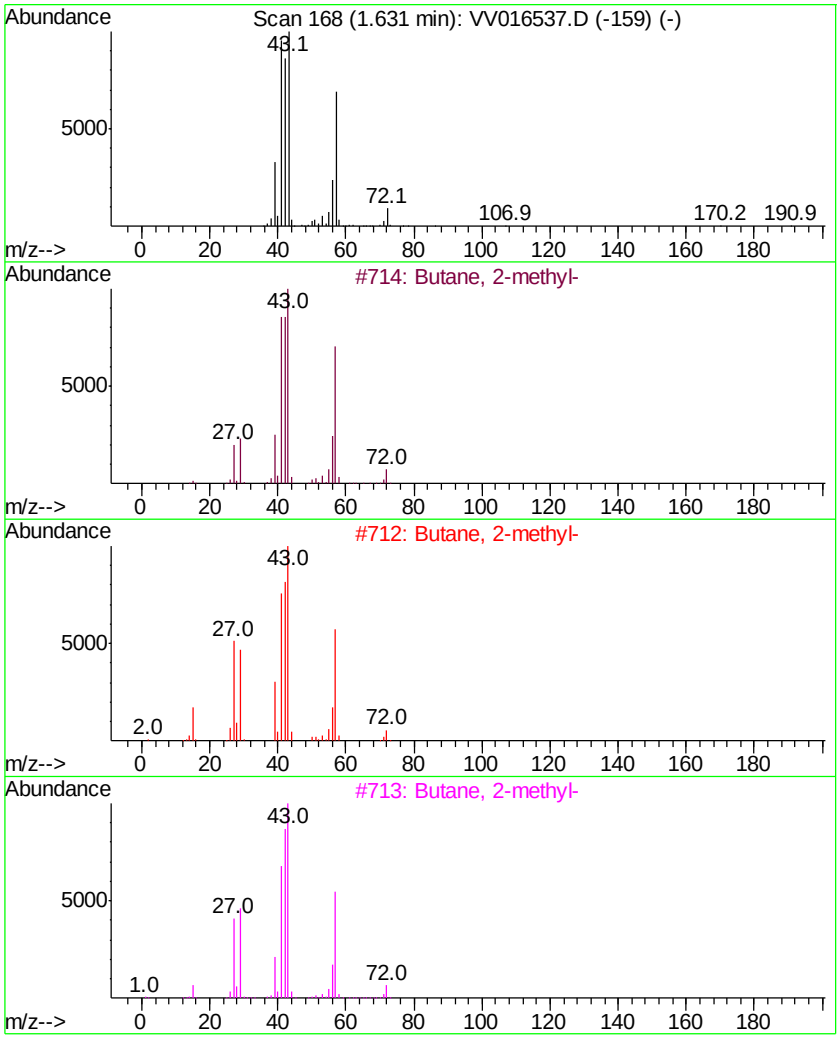
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

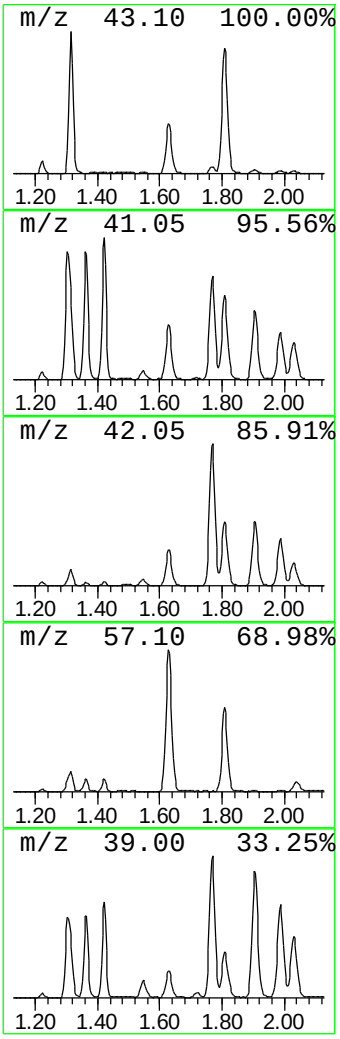
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.63	14.14 ug/L	273043	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	86
3	Butane, 2-methyl-	72	C5H12	000078-78-4	72
4	Pentane	72	C5H12	000109-66-0	36
5	3-Buten-1-ol	72	C4H8O	000627-27-0	28





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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

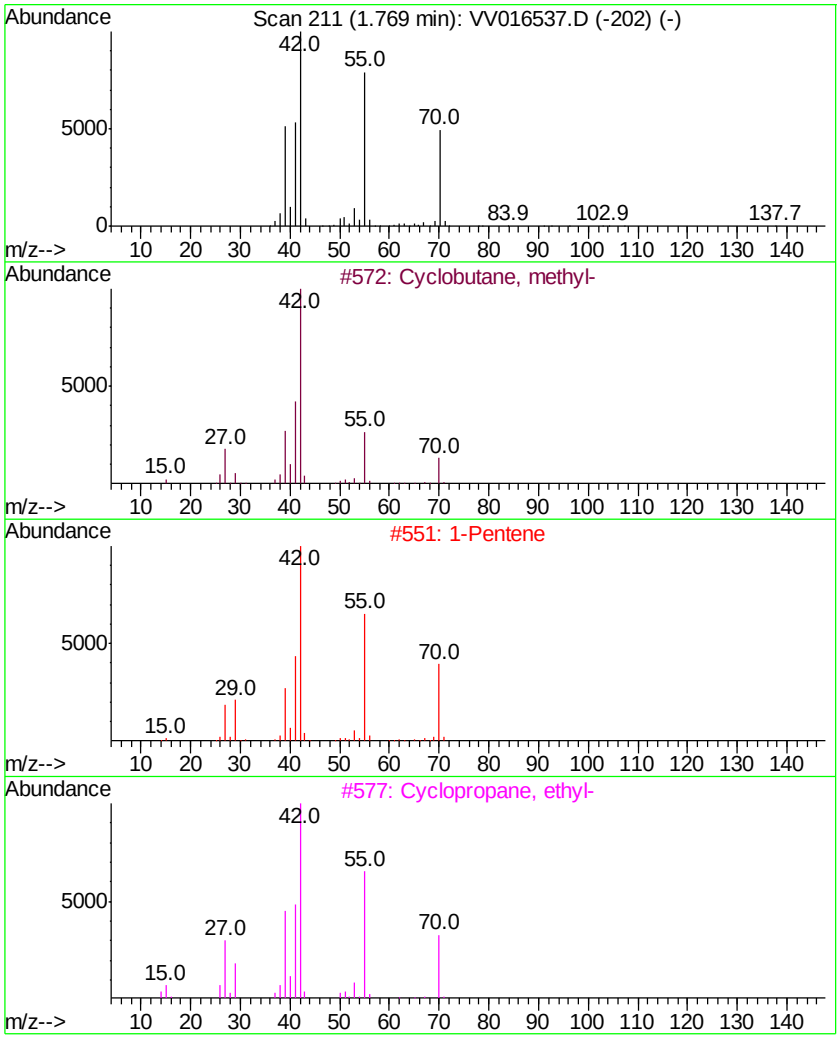
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

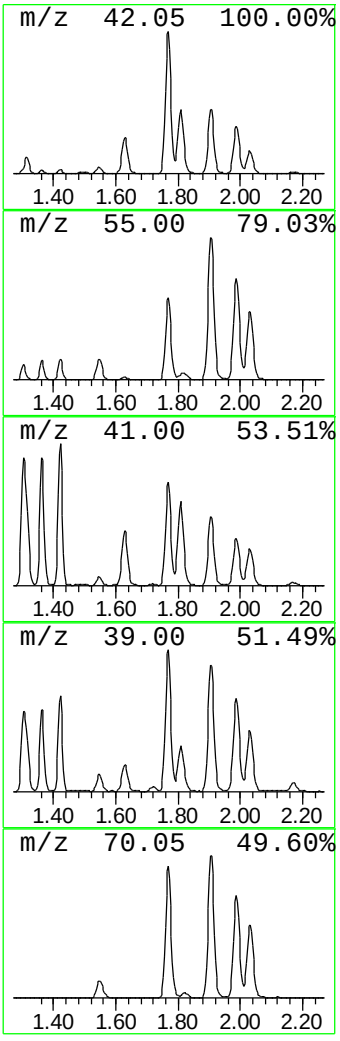
****

Peak Number 3 (DEL) Alkane: Cyclic1.77 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.77	39.49 ug/L	762607	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, methyl-	70	C5H10	000598-61-8	72
2	1-Pentene	70	C5H10	000109-67-1	68
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	64
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	62
5	1-Pentene	70	C5H10	000109-67-1	62





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

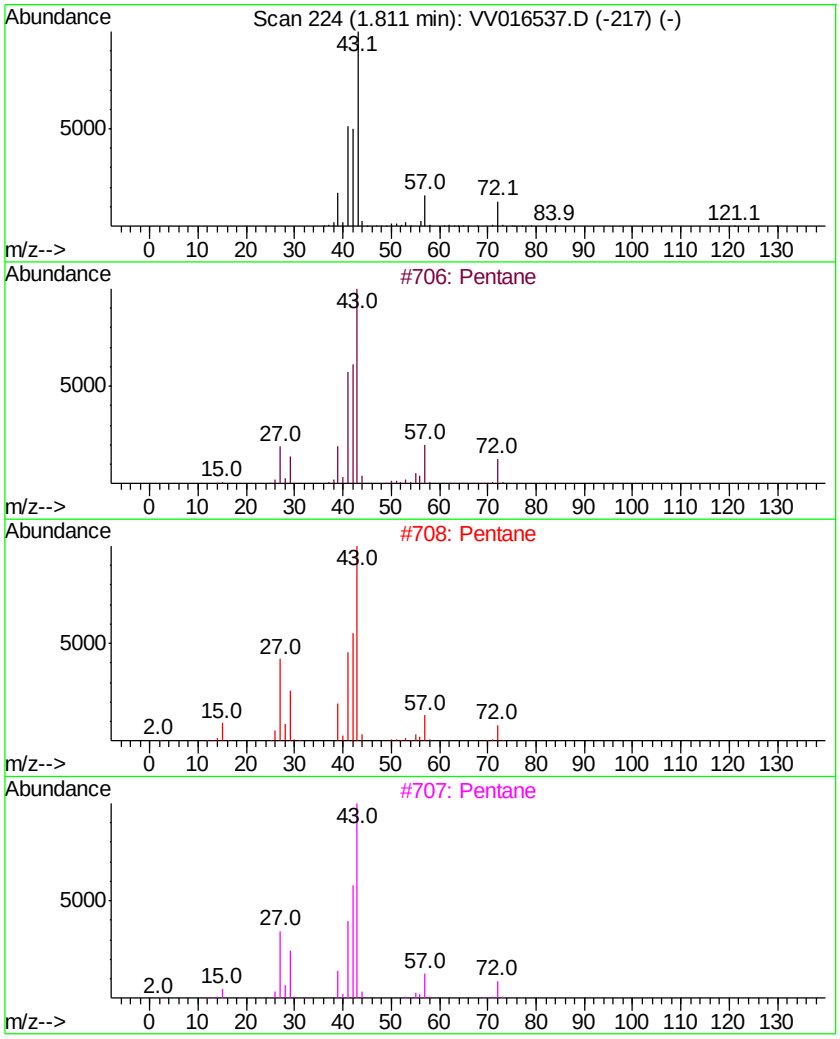
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

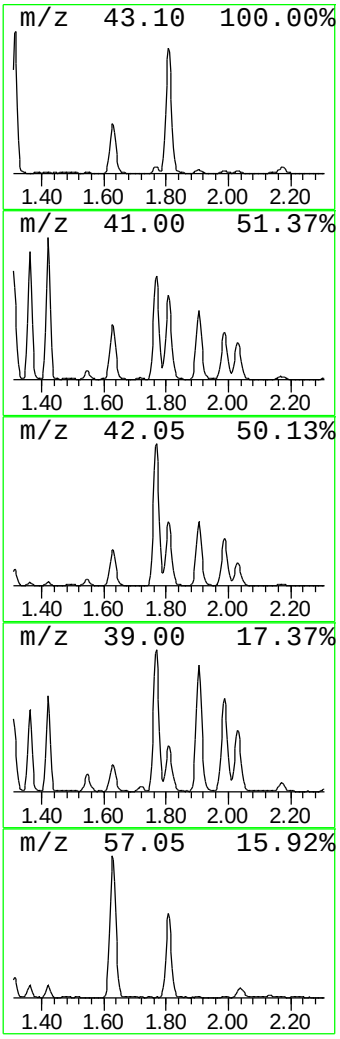
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.81	24.40 ug/L	471173	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	80
4	Pentane	72	C5H12	000109-66-0	72
5	Oxirane, ethyl-	72	C4H8O	000106-88-7	50





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

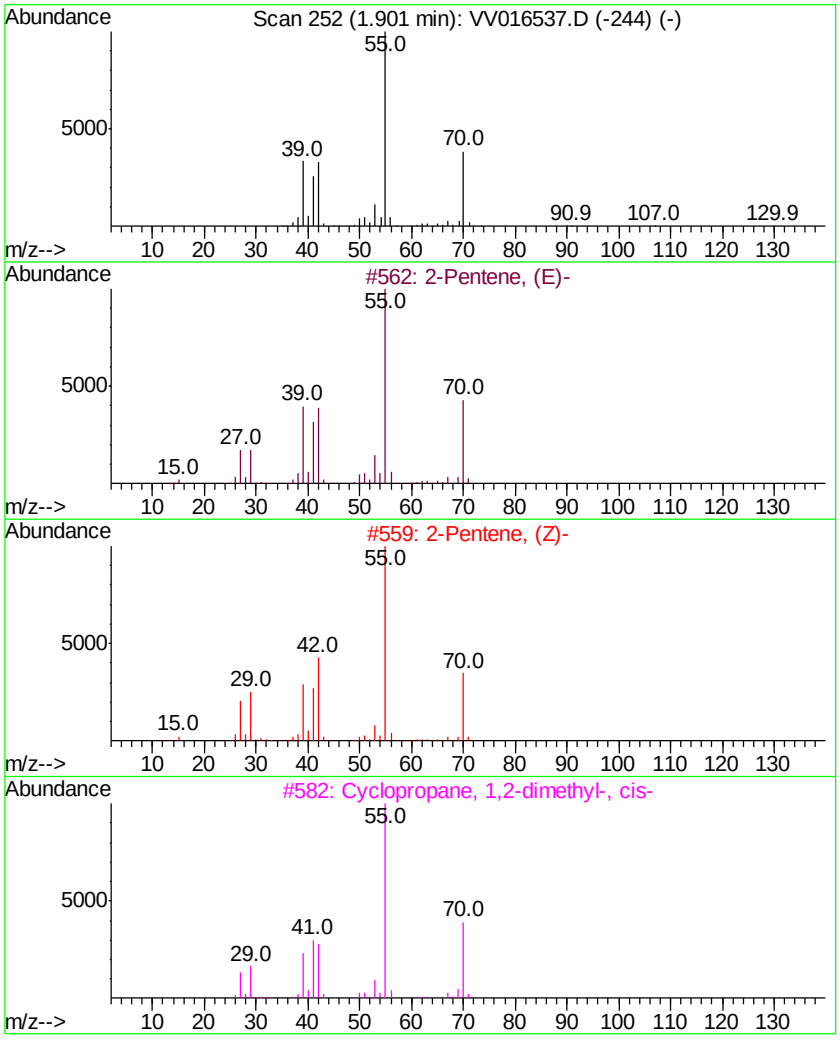
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

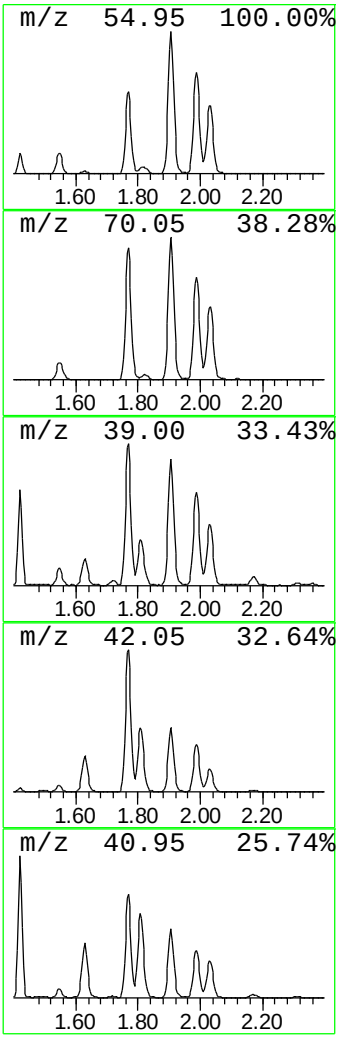
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.90	41.83 ug/L	807826	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-, cis-	70	C5H10	000930-18-7	90
4	2-Methyl-1-butene	70	C5H10	000563-46-2	90
5	2-Pentene	70	C5H10	000109-68-2	87





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Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

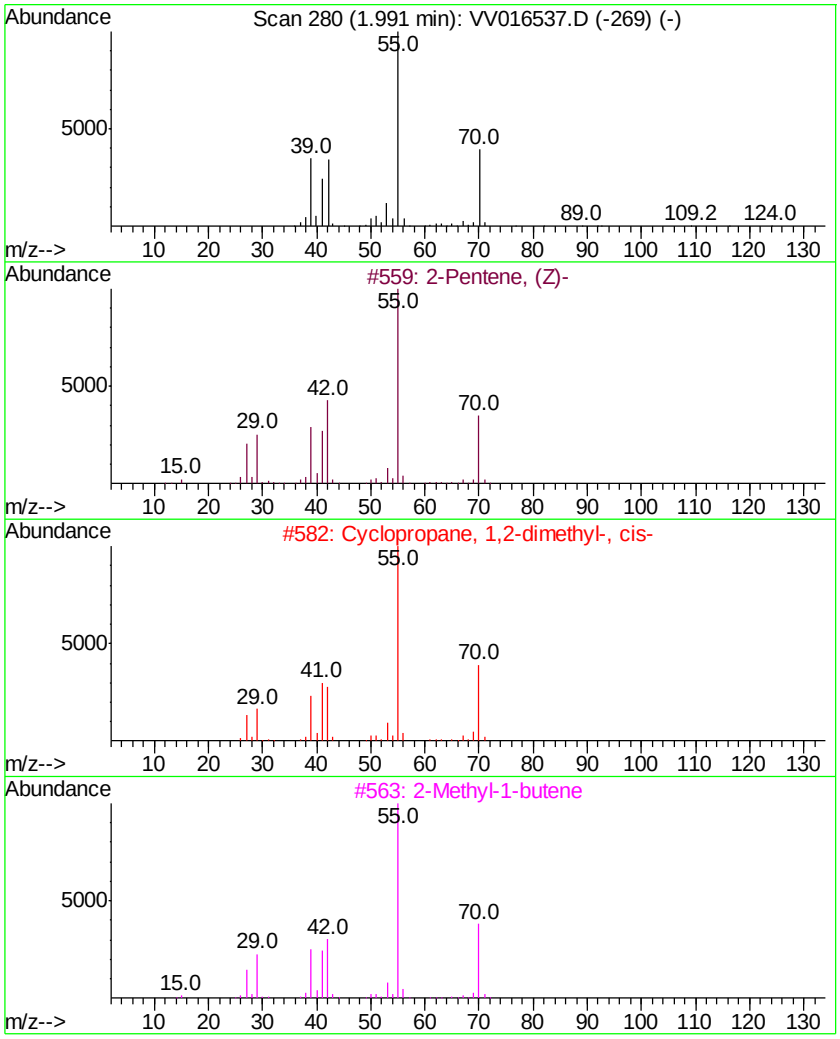
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

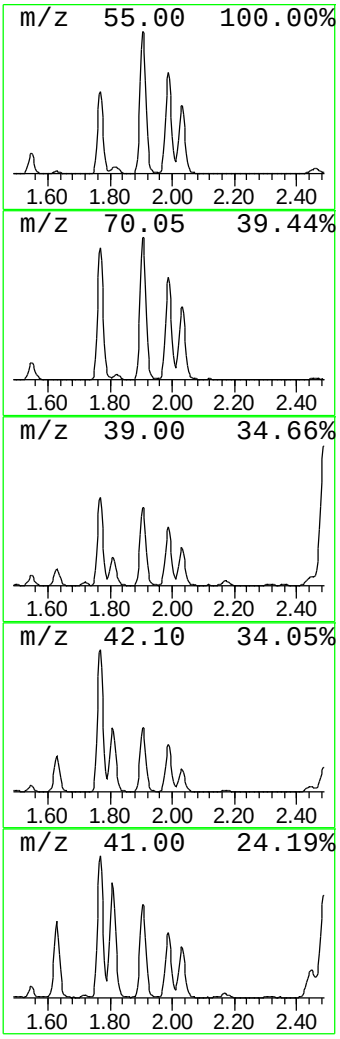
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.99	31.31 ug/L	604629	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (Z)-	70	C5H10	000627-20-3	90
2	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
3	2-Methyl-1-butene	70	C5H10	000563-46-2	90
4	2-Pentene	70	C5H10	000109-68-2	87
5	2-Butene, 2-methyl-	70	C5H10	000513-35-9	87





Library Search Compound Report

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Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

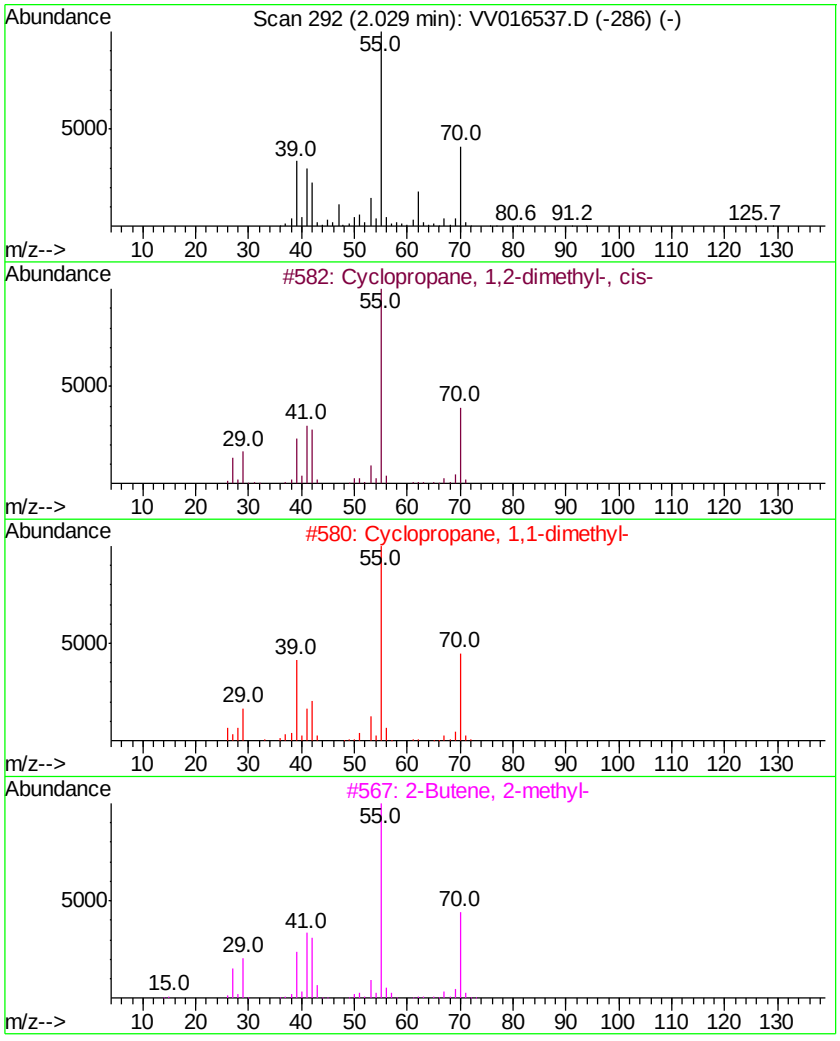
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

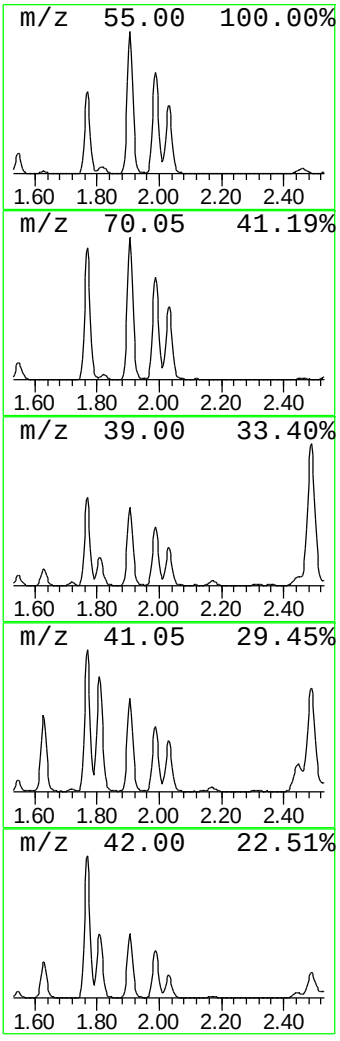
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic2.03 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.03	27.19 ug/L	525078	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	46
2	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	41
3	2-Butene, 2-methyl-	70	C5H10	000513-35-9	38
4	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	38
5	Ethanethiol	62	C2H6S	000075-08-1	38





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Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

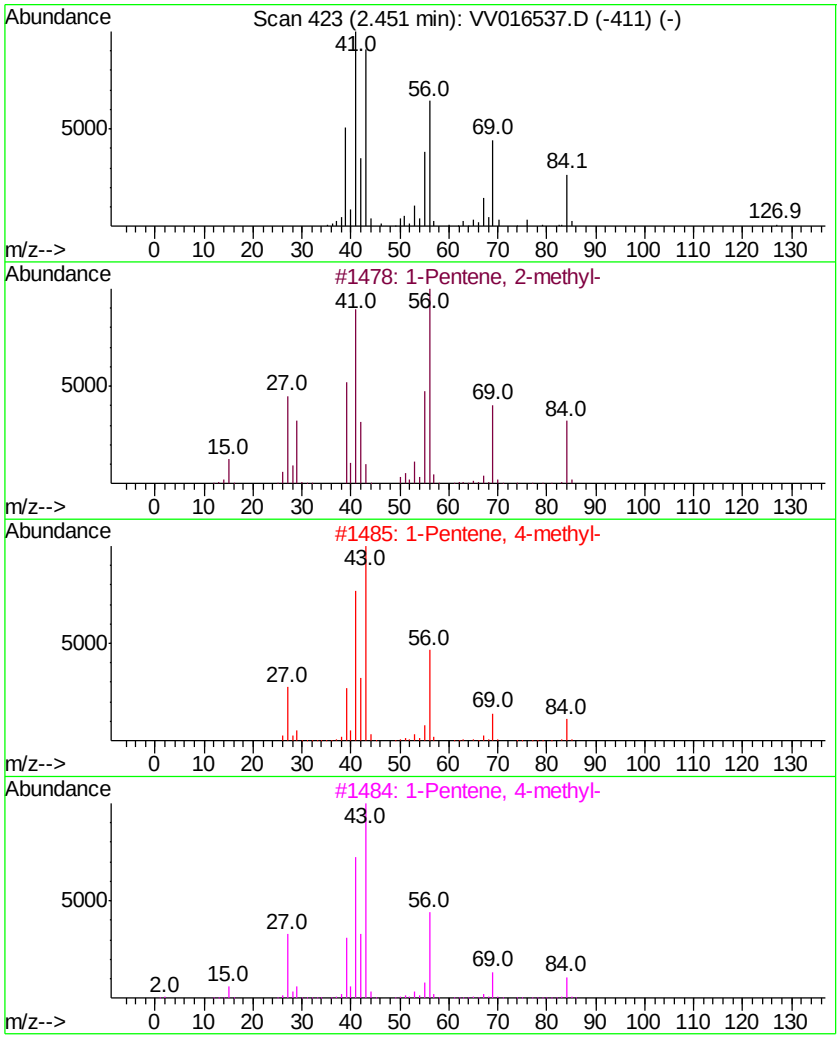
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

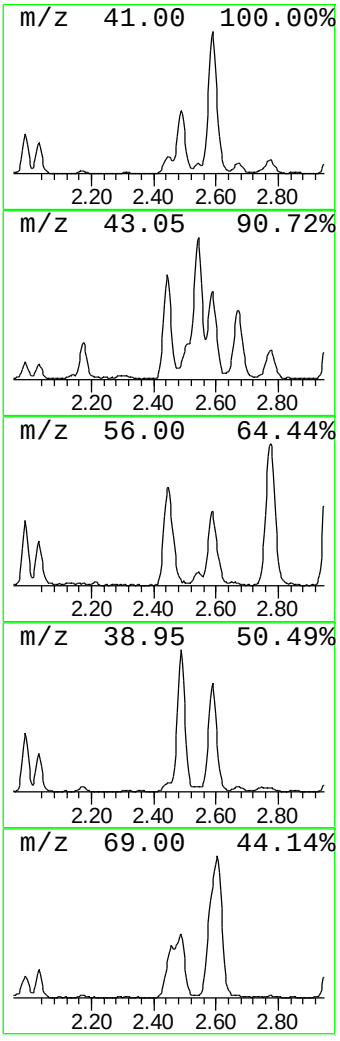
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	6.23 ug/L	120228	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	68
2	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	59
3	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	58
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	49
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	46





Library Search Compound Report

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Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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

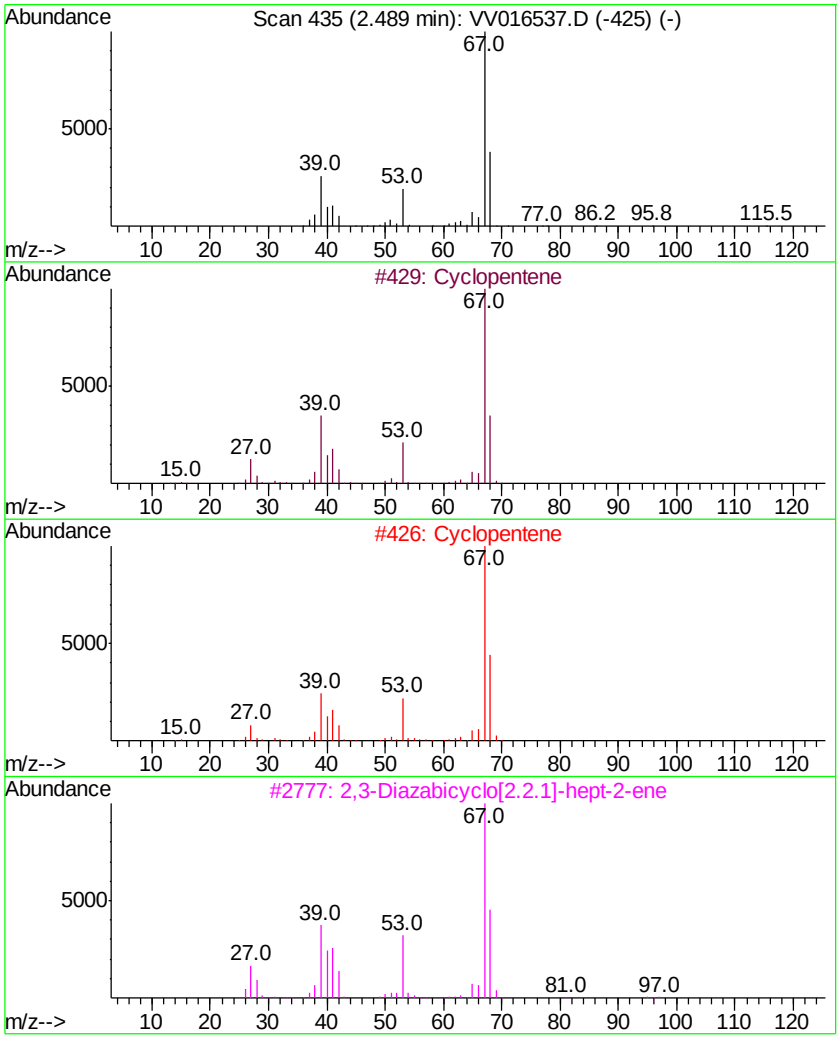
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

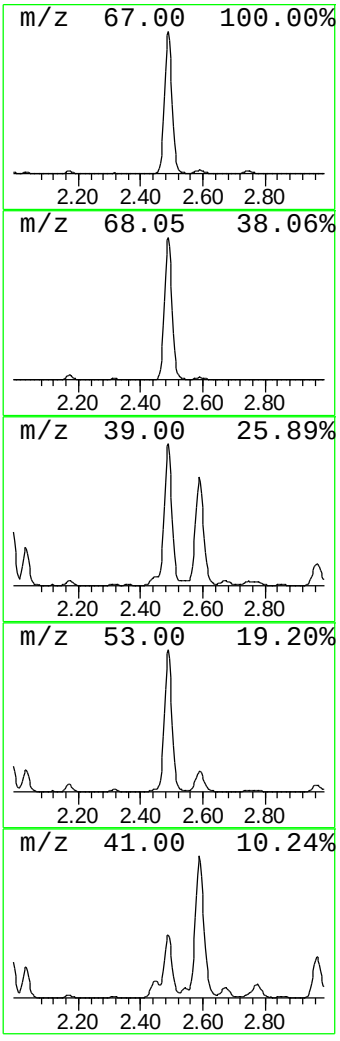
****

Peak Number 9 Cyclopentene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.49	101.21 ug/L	1954520	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	2,3-Diazabicyclo[2.2.1]-hept-2-ene	96	C5H8N2	002721-32-6	83
4	Cyclopentene	68	C5H8	000142-29-0	74
5	Cyclopentene	68	C5H8	000142-29-0	68





Library Search Compound Report

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Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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

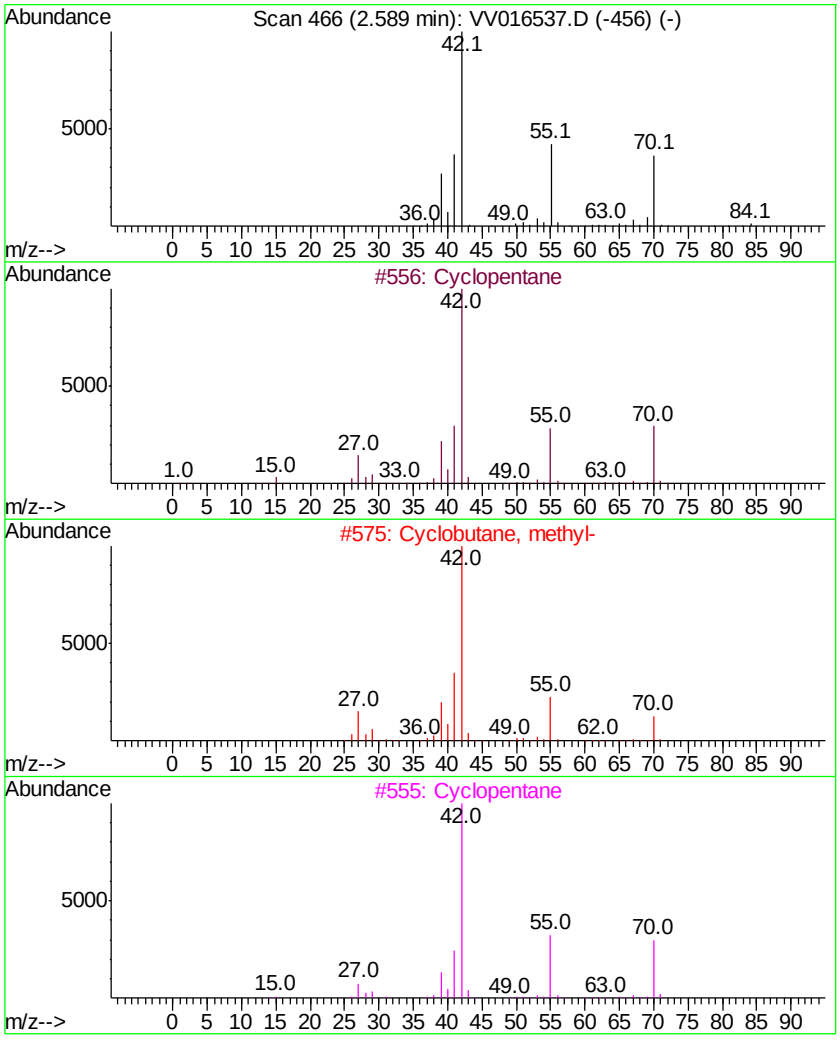
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

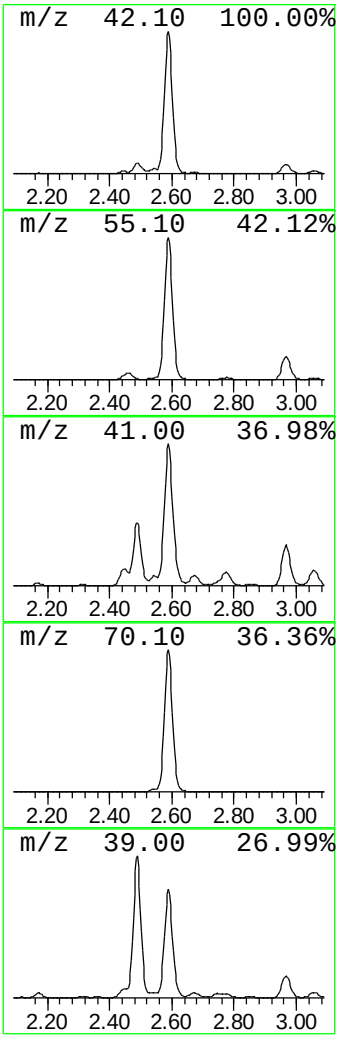
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.59	97.70 ug/L	1886700	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	72
4	1-Pentene	70	C5H10	000109-67-1	64
5	1-Pentene	70	C5H10	000109-67-1	47





Library Search Compound Report

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Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

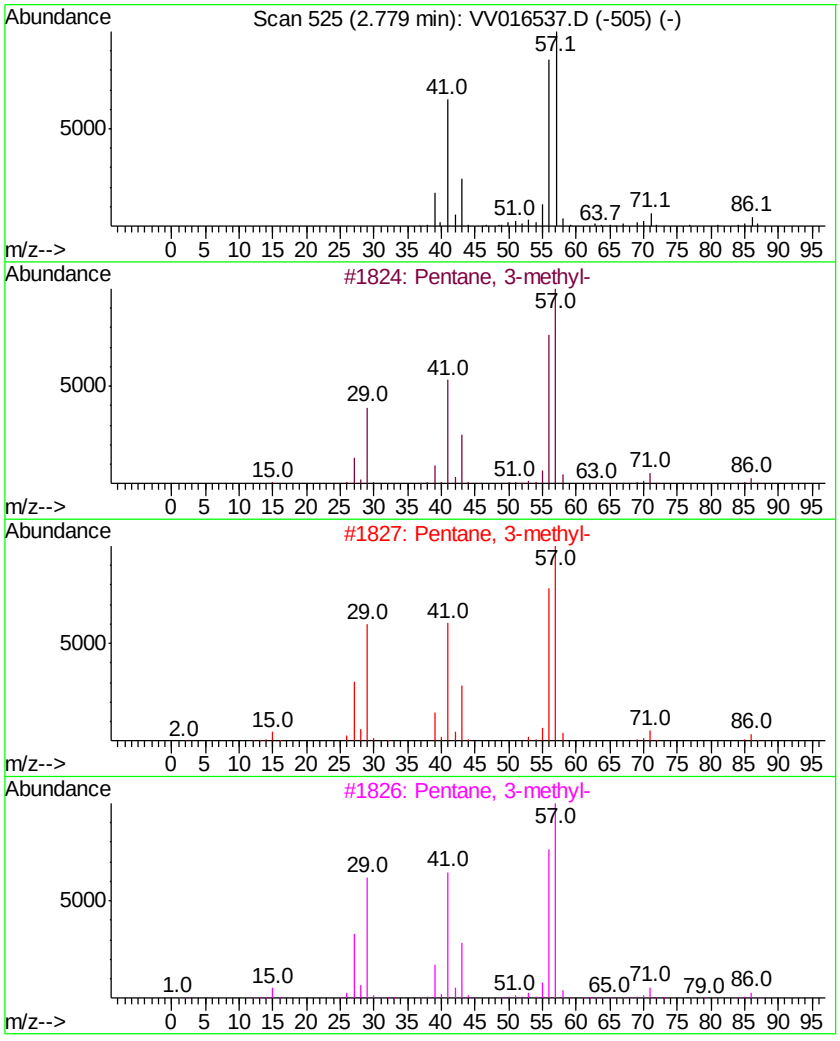
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

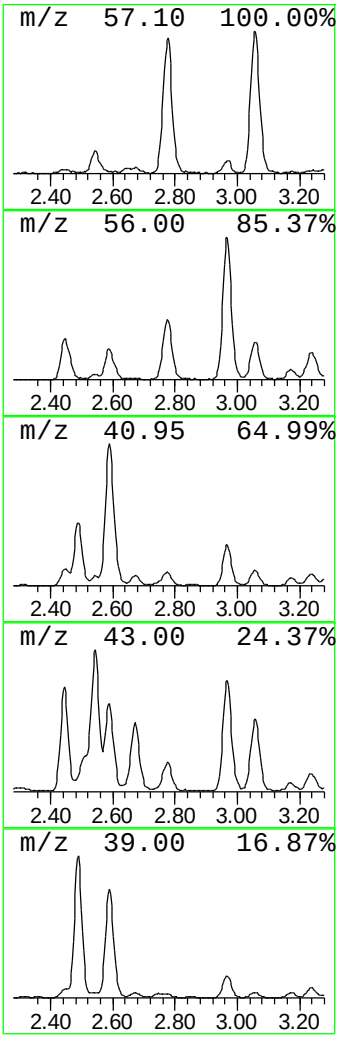
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	8.82 ug/L	170312	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	87
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
4	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	59
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	56





Library Search Compound Report

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Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

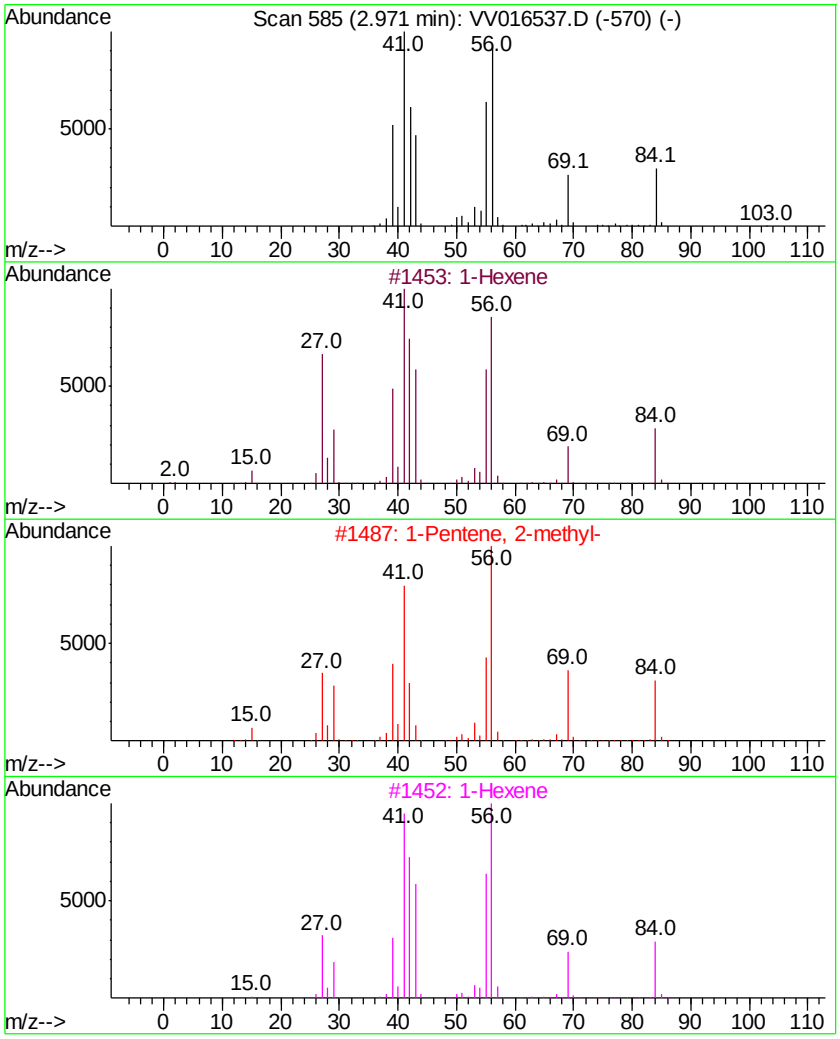
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

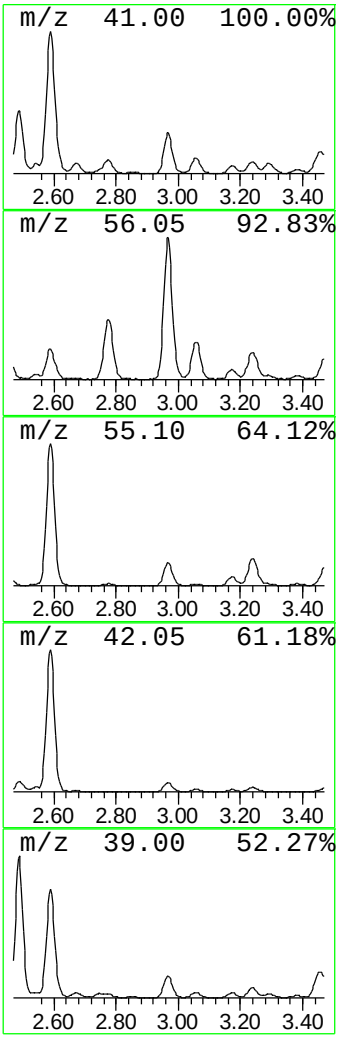
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.97	21.58 ug/L	416751	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	3-Hexene, (E)-	84	C6H12	013269-52-8	58
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	52





Library Search Compound Report

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Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

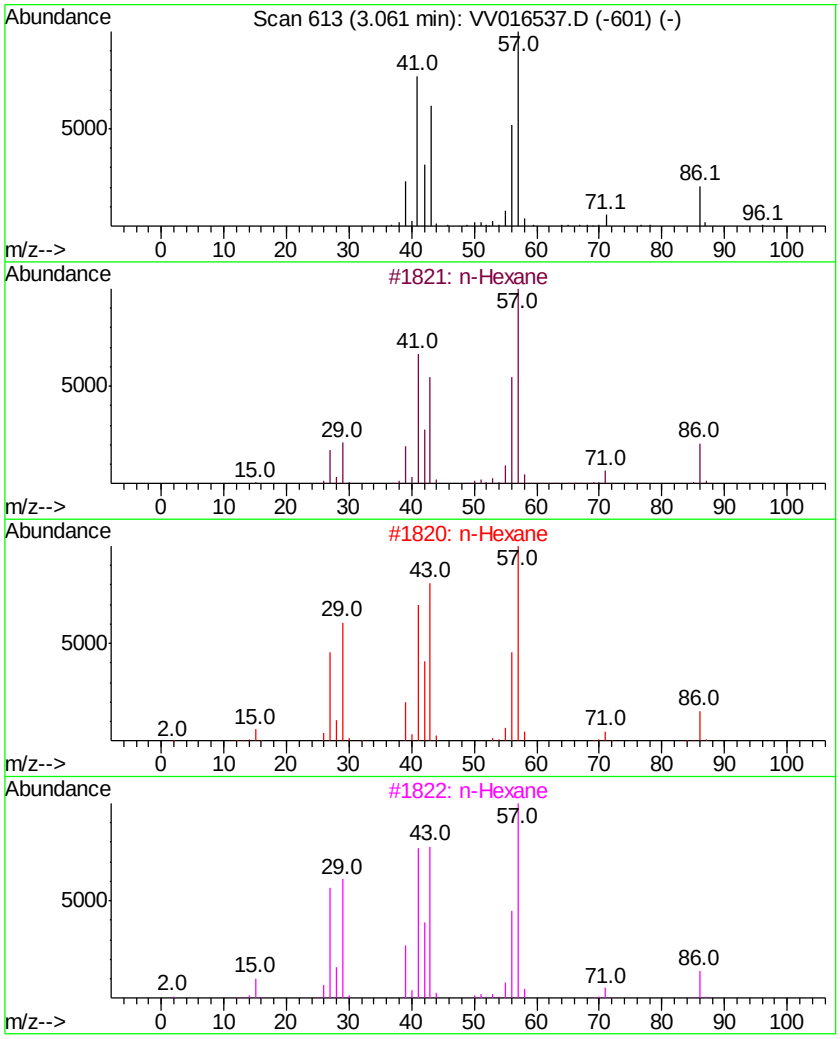
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

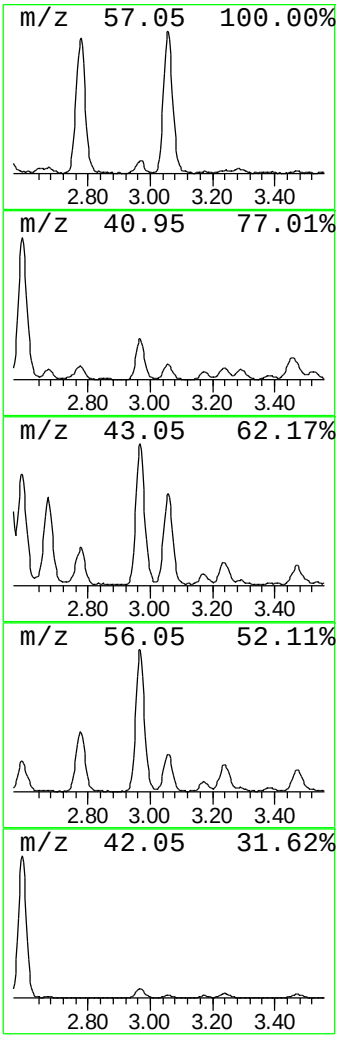
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	8.07 ug/L	155777	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	n-Hexane	86	C6H14	000110-54-3	64
3	n-Hexane	86	C6H14	000110-54-3	59
4	Butanal, 2-methyl-	86	C5H10O	000096-17-3	43
5	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	38





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Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

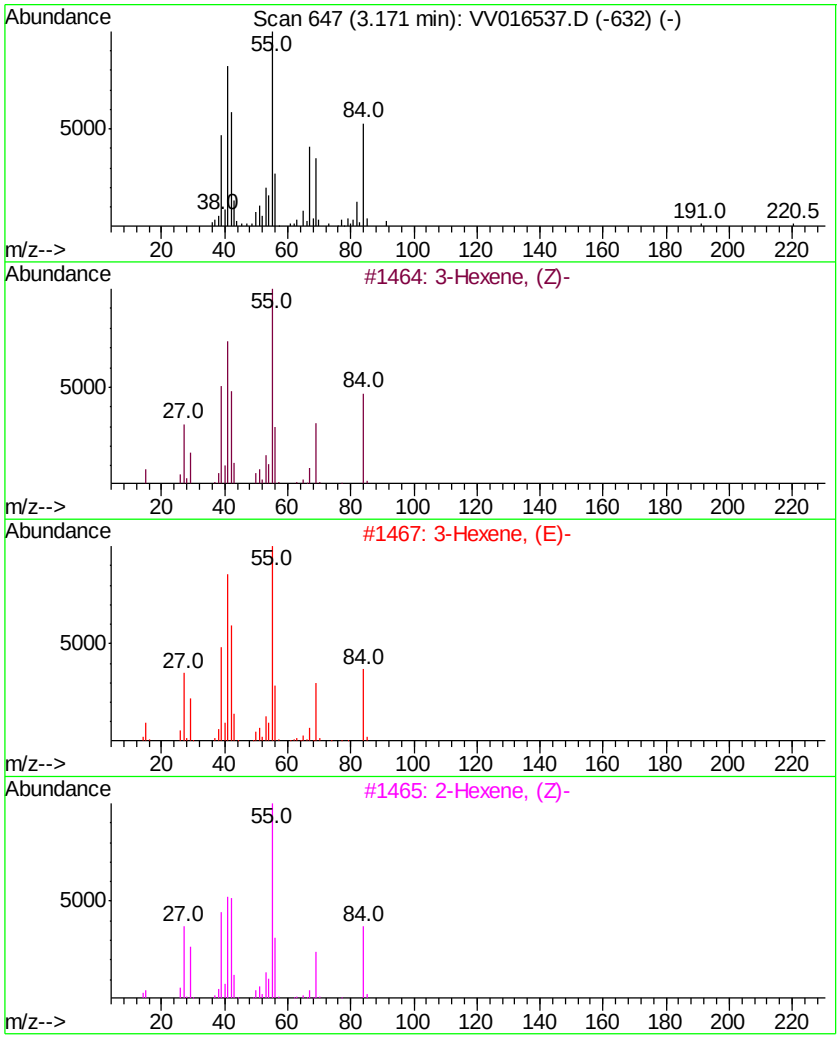
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

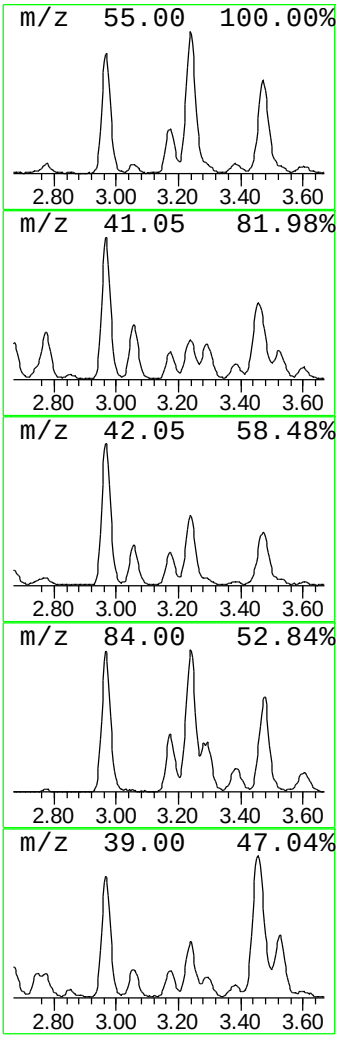
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	5.83 ug/L	112648	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, (Z)-	84	C6H12	007642-09-3	81
2	3-Hexene, (E)-	84	C6H12	013269-52-8	76
3	2-Hexene, (Z)-	84	C6H12	007688-21-3	60
4	2-Ethylacrolein	84	C5H8O	000922-63-4	60
5	Pentane, 3-methylene-	84	C6H12	000760-21-4	47





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Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

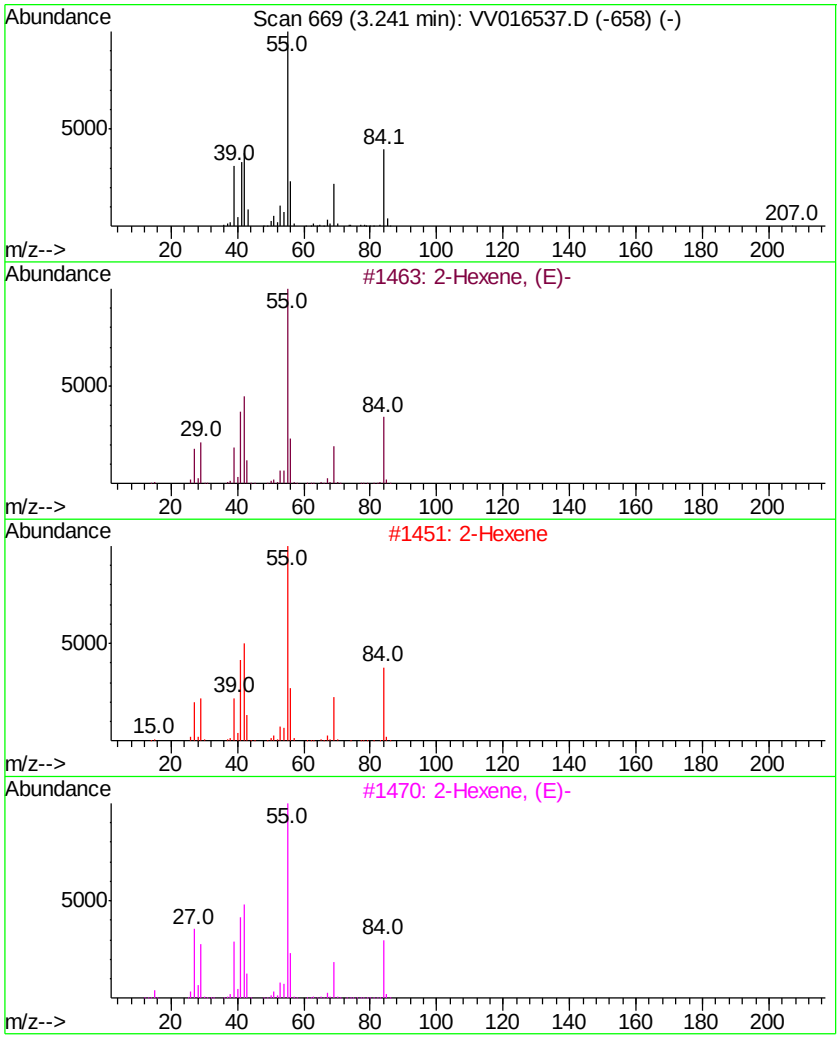
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

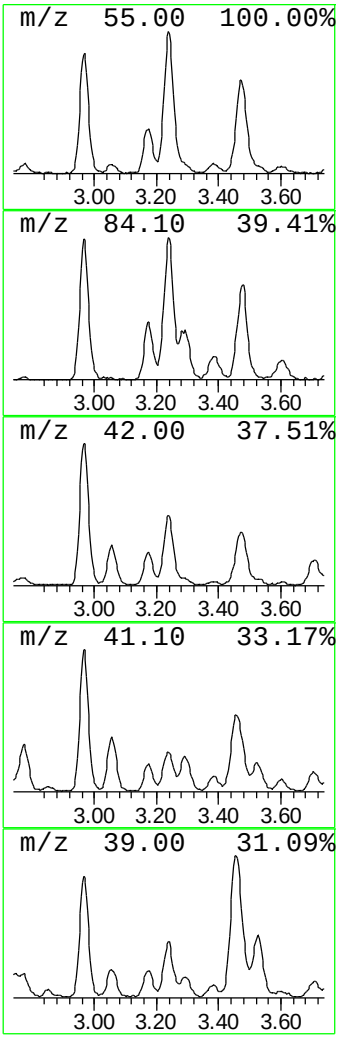
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	9.59 ug/L	185216	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, (E)-	84	C6H12	004050-45-7	91
2	2-Hexene	84	C6H12	000592-43-8	91
3	2-Hexene, (E)-	84	C6H12	004050-45-7	91
4	2-Hexene, (Z)-	84	C6H12	007688-21-3	91
5	2-Hexene, (Z)-	84	C6H12	007688-21-3	90





Library Search Compound Report

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Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

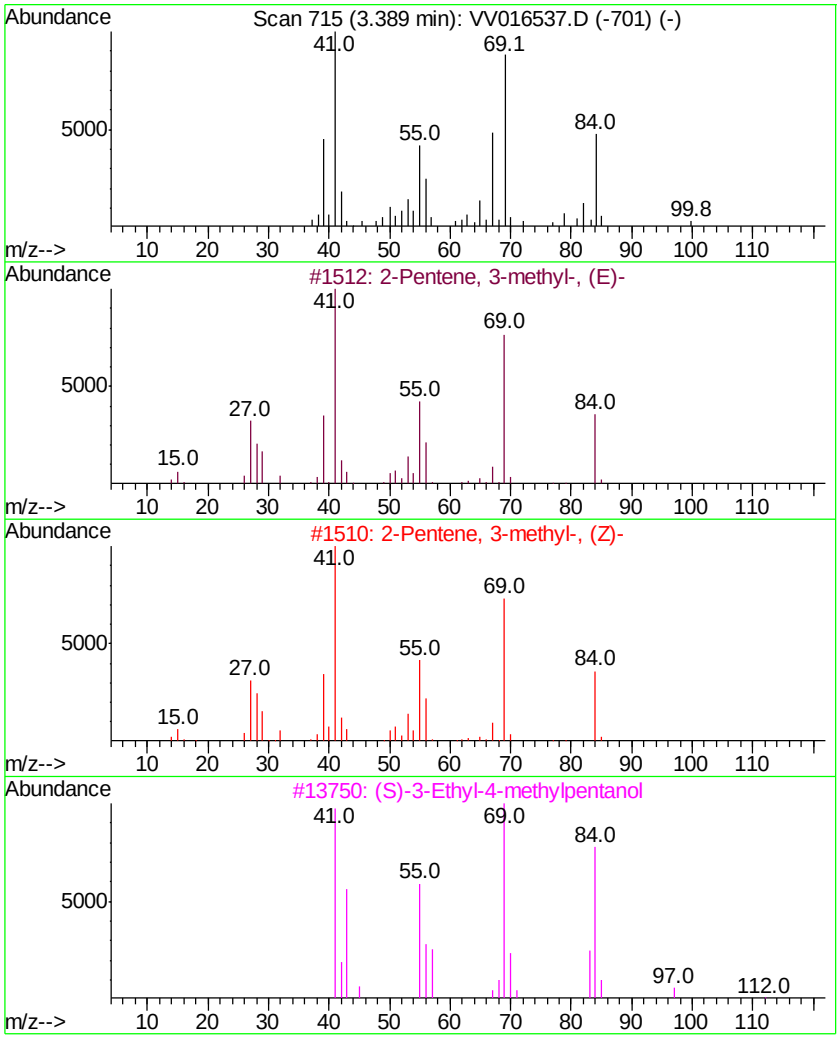
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

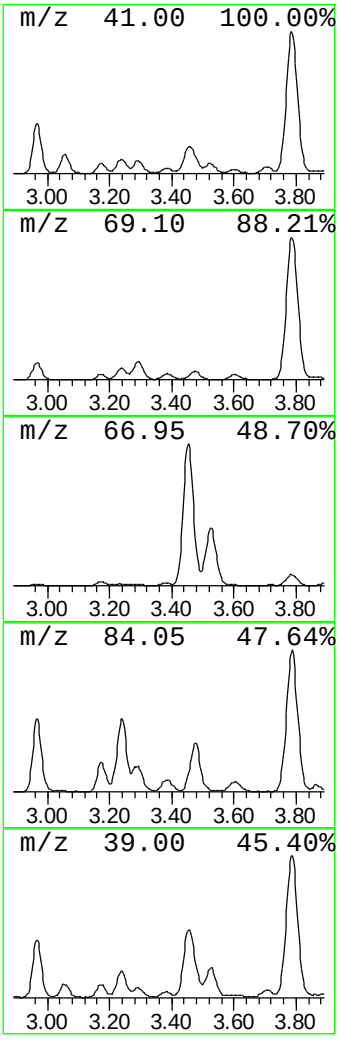
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	2.51 ug/L	48498	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	60
2	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	60
3	(S)-3-Ethyl-4-methylpentanol	130	C8H18O	1000144-07-1	59
4	Furan, 2,3-dihydro-3-methyl-	84	C5H8O	001708-27-6	53
5	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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

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

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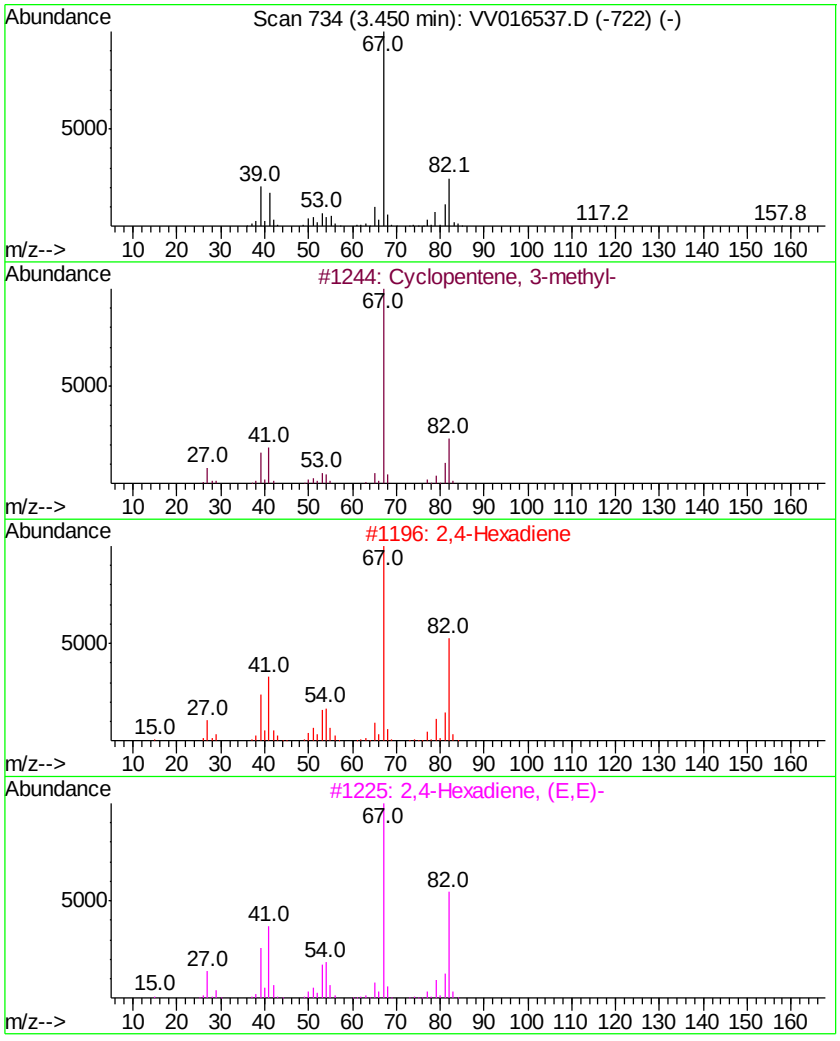
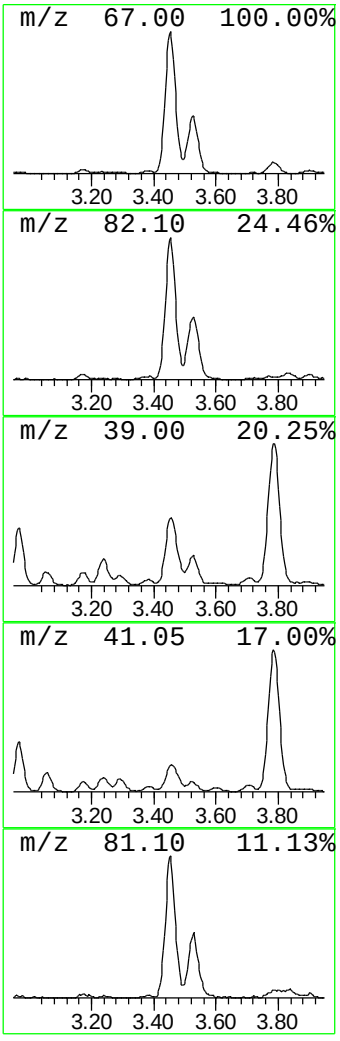
Peak Number 17 Cyclopentene, 3-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.45	38.27 ug/L	738993	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	90
2	2,4-Hexadiene	82	C6H10	000592-46-1	90
3	2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	90
4	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	90
5	Isopropenylcyclopropane	82	C6H10	004663-22-3	90





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Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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

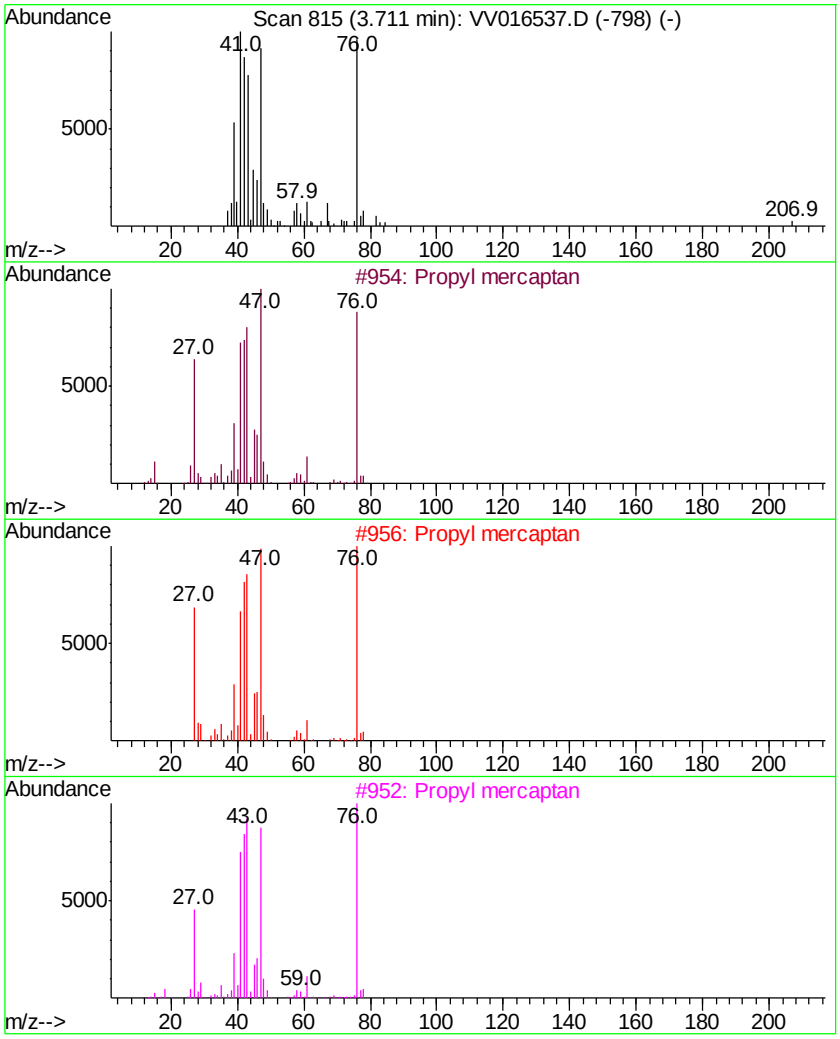
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

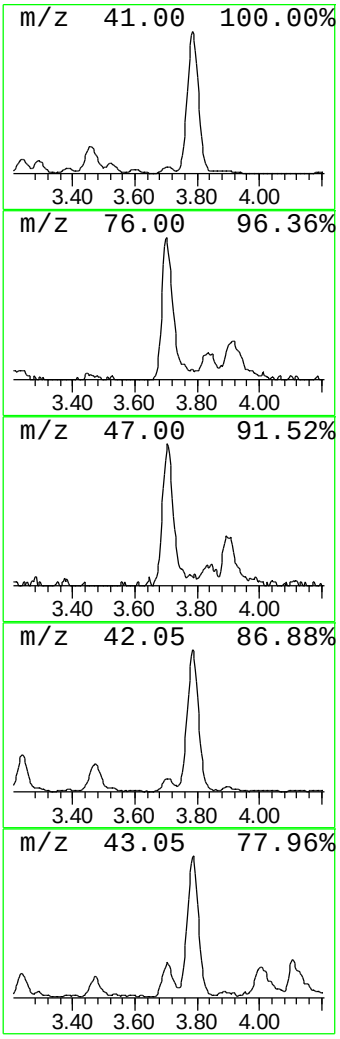
****

Peak Number 18 Propyl mercaptan Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.71	4.43 ug/L	85474	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propyl mercaptan	76	C3H8S	000107-03-9	96
2	Propyl mercaptan	76	C3H8S	000107-03-9	96
3	Propyl mercaptan	76	C3H8S	000107-03-9	94
4	Propyl mercaptan	76	C3H8S	000107-03-9	93
5	Propyl mercaptan	76	C3H8S	000107-03-9	87





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Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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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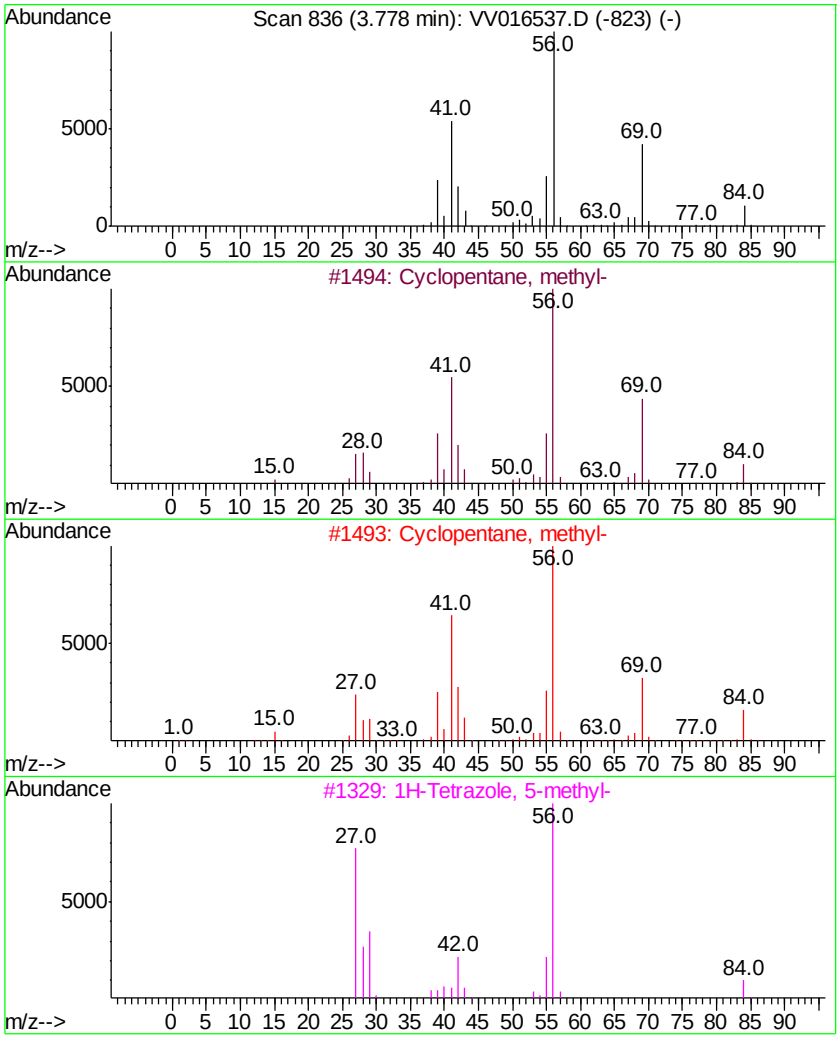
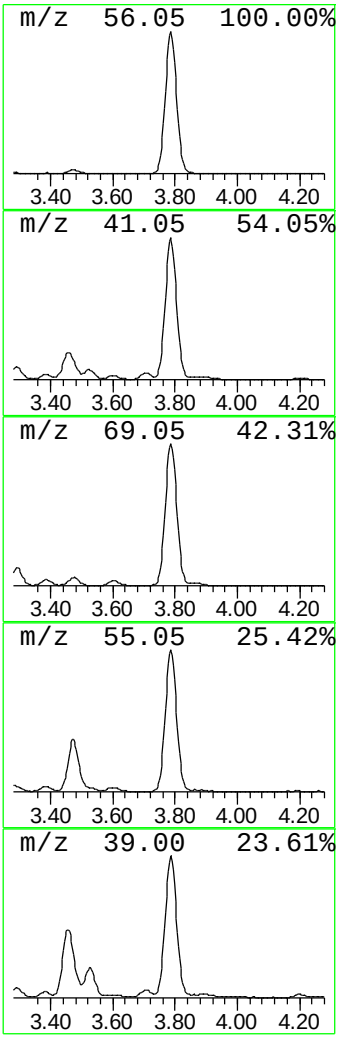
Peak Number 19 (DEL) Alkane: Cyclic3.78 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	91.37 ug/L	1764430	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	72
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	64





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Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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

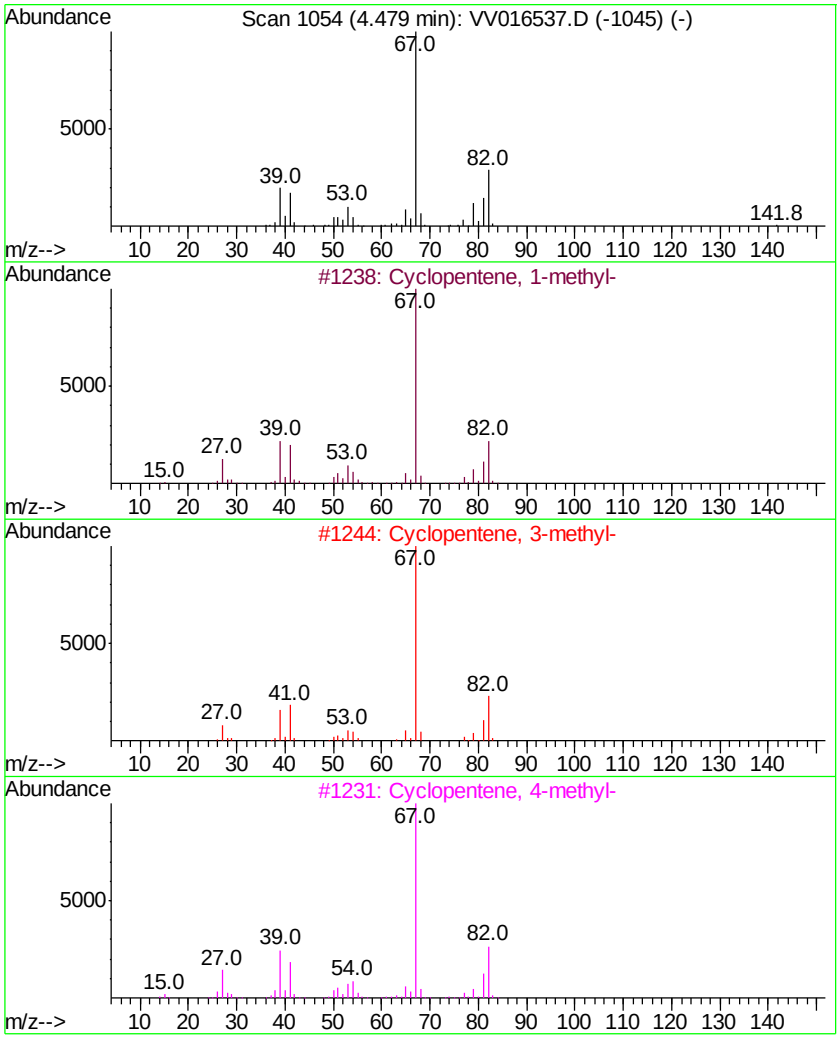
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

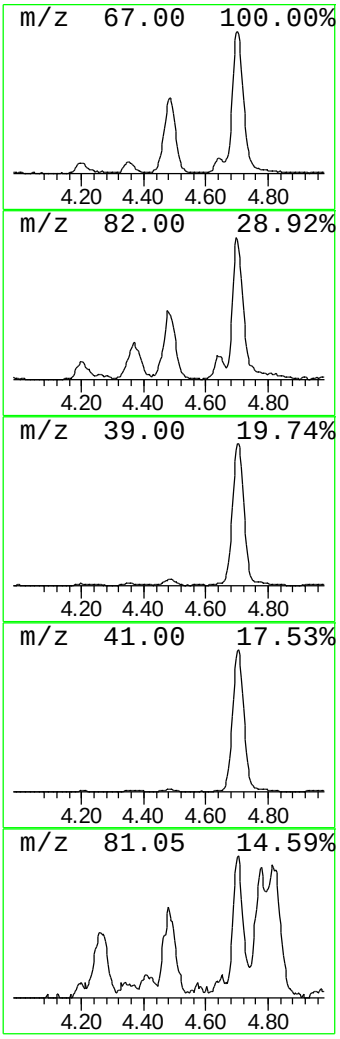
****

Peak Number 20 Cyclopentene, 1-methyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.48	6.95 ug/L	134234	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, 3-methyl-	82	C6H10	001120-62-3	87
3	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	86
4	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	86
5	1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	80





Library Search Compound Report

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Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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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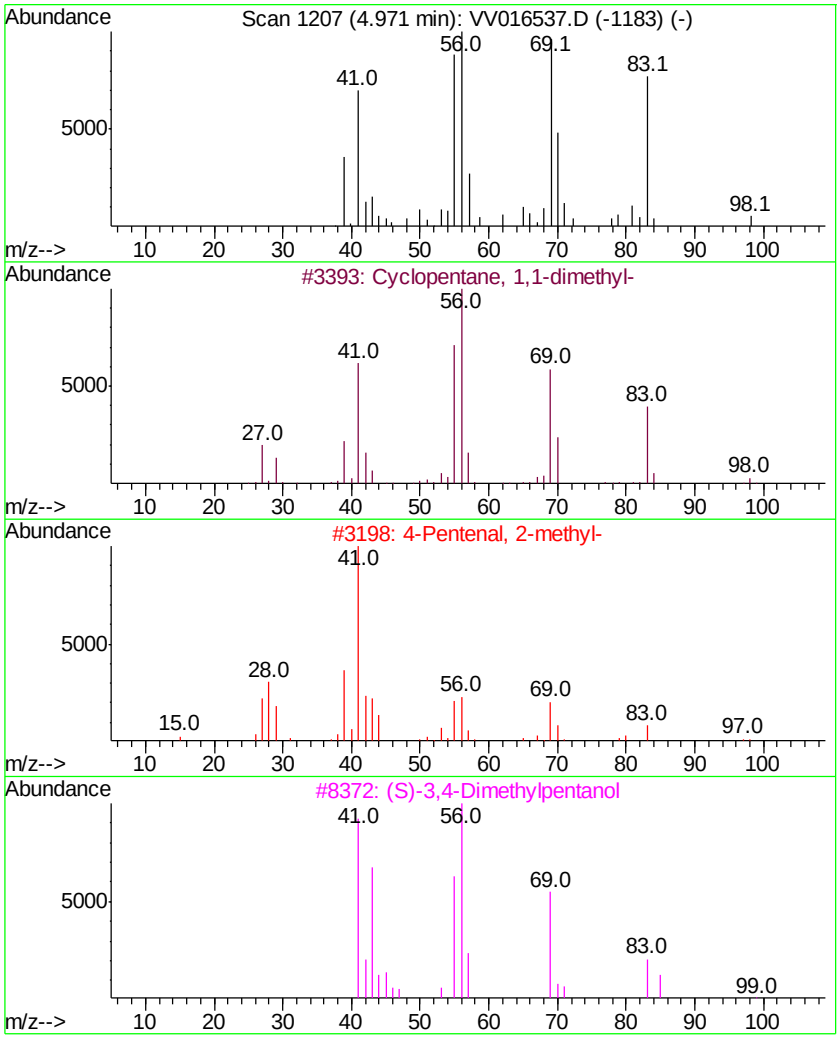
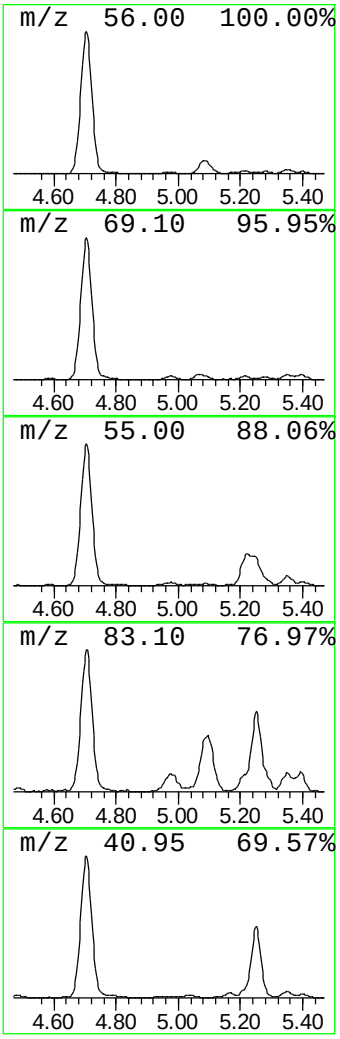
Peak Number 21 (DEL) Alkane: Cyclic4.97 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	3.14 ug/L	60625	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	80
2	4-Pentenal, 2-methyl-	98	C6H10O	005187-71-3	59
3	(S)-3,4-Dimethylpentanol	116	C7H16O	1000143-83-9	53
4	(S)-(+)-3-Methyl-1-pentanol	102	C6H14O	042072-39-9	37
5	Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	22





Library Search Compound Report

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Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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

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

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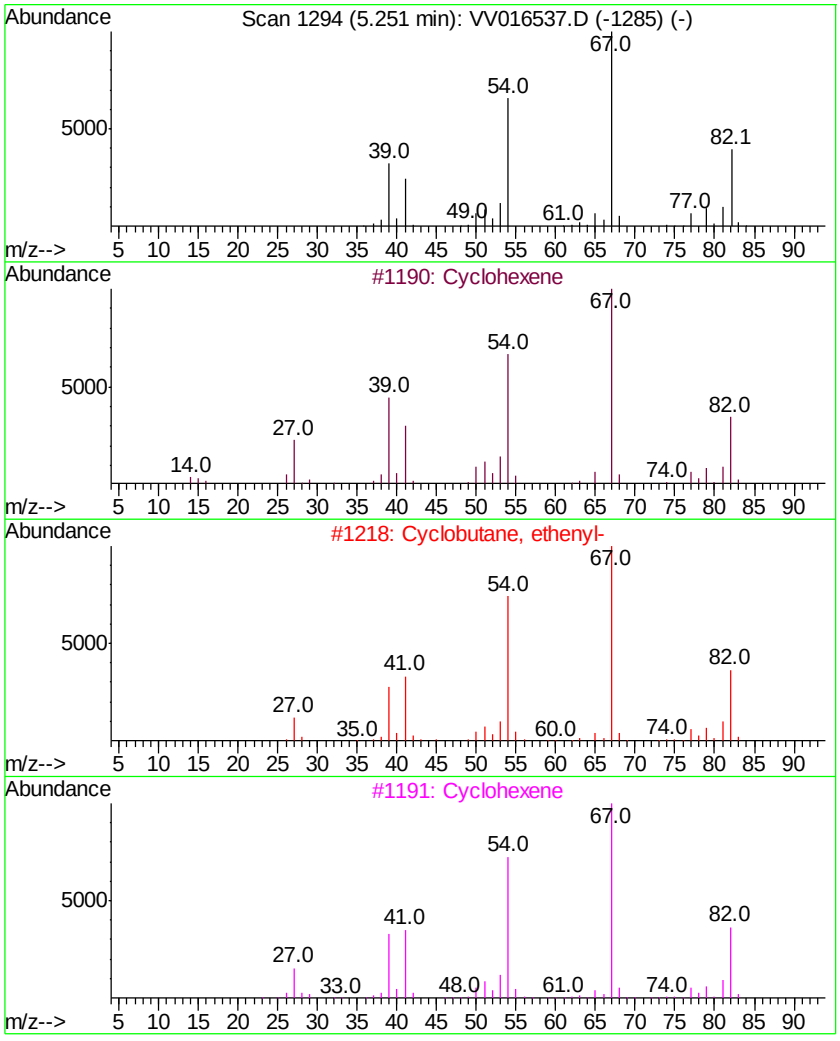
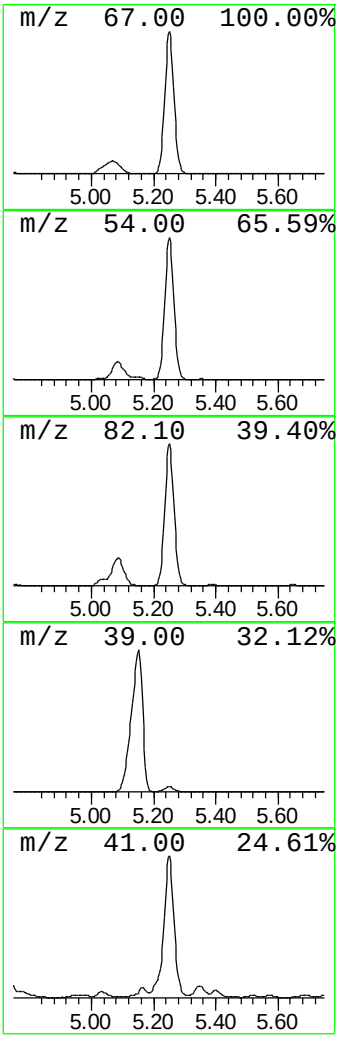
Peak Number 22 Cyclohexene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	137.99 ug/L	2664680	1,4-Difluorobenzene	5.64

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





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Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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

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

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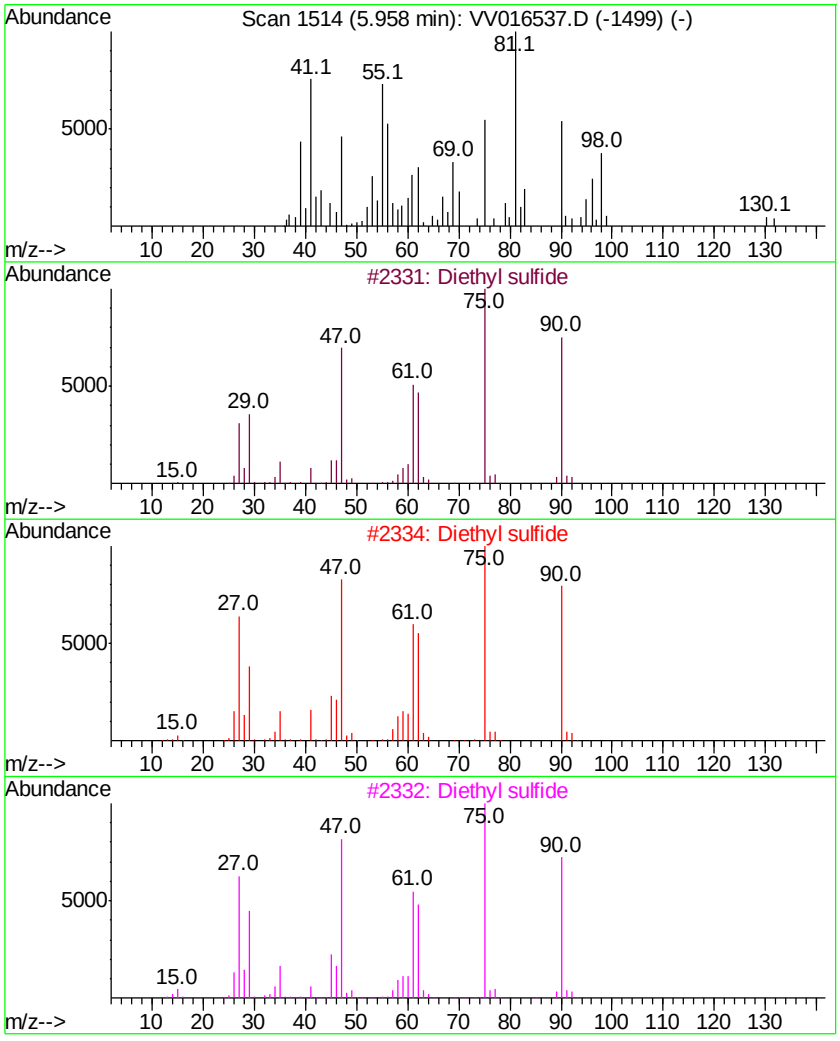
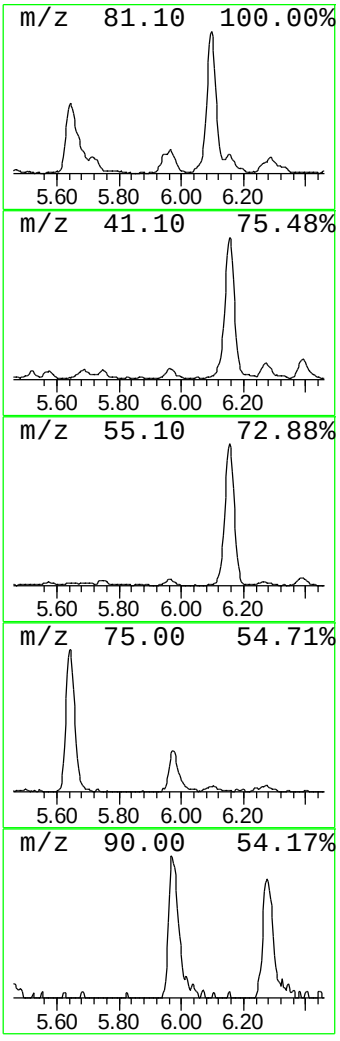
Peak Number 23 Diethyl sulfide Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.96	4.59 ug/L	88567	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl sulfide	90	C4H10S	000352-93-2	96
2	Diethyl sulfide	90	C4H10S	000352-93-2	90
3	Diethyl sulfide	90	C4H10S	000352-93-2	81
4	Diethyl sulfide	90	C4H10S	000352-93-2	81
5	Acrolein, 2-chloro-	90	C3H3ClO	000683-51-2	53





Library Search Compound Report

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Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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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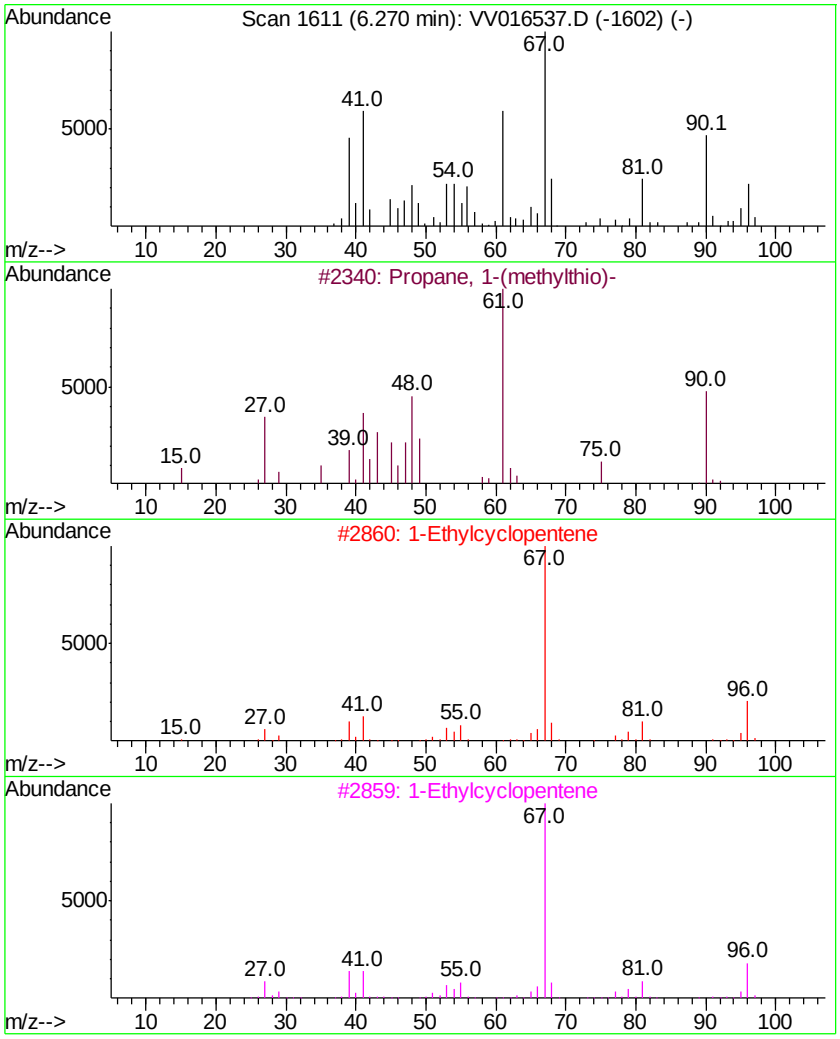
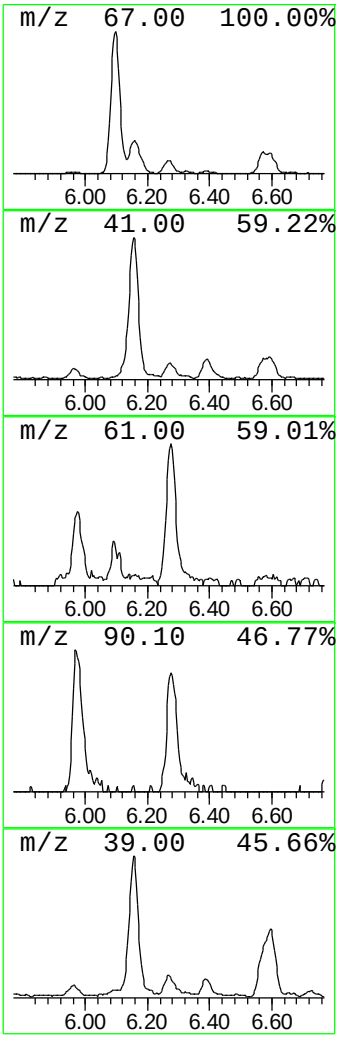
Peak Number 24 Propane, 1-(methylthio)- Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.27	3.33 ug/L	64344	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1-(methylthio)-	90	C4H10S	003877-15-4	41
2	1-Ethylcyclopentene	96	C7H12	002146-38-5	38
3	1-Ethylcyclopentene	96	C7H12	002146-38-5	38
4	Propane, 1-(methylthio)-	90	C4H10S	003877-15-4	38
5	2-Cyclopenten-1-one, 2-methyl-	96	C6H8O	001120-73-6	35





Library Search Compound Report

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Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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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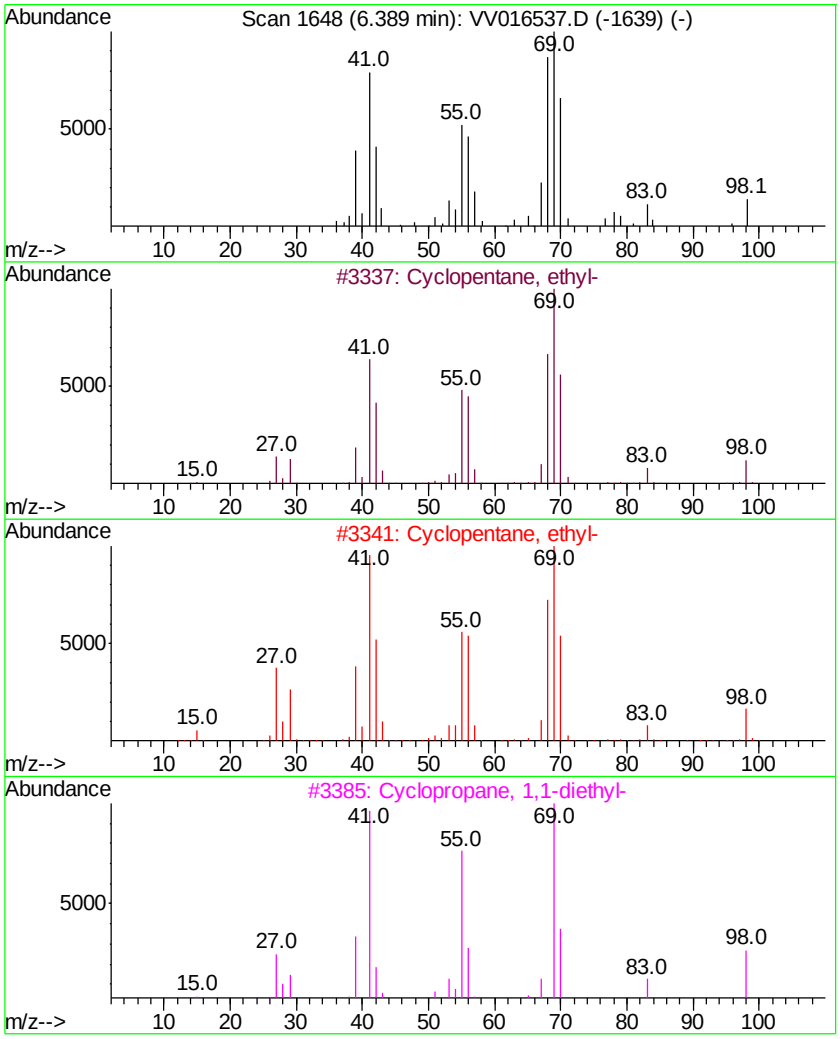
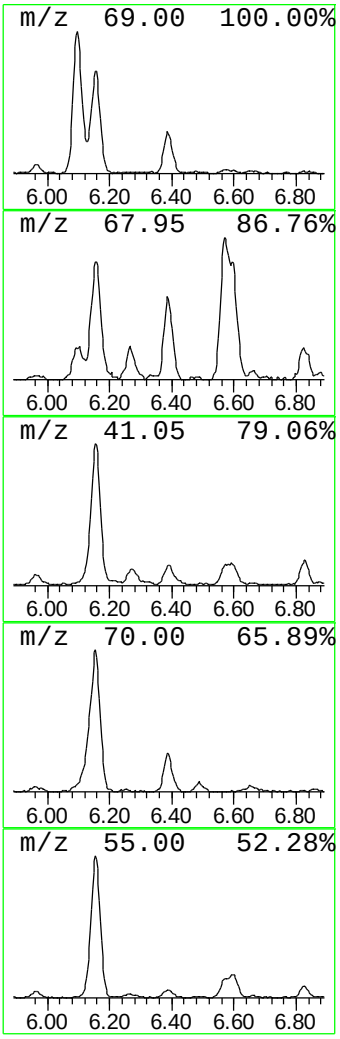
Peak Number 25 (DEL) Alkane: Cyclic6.39 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	3.80 ug/L	73323	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	93
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	58
3	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	38
4	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	38
5	2-Oxetanone, 3,3-dimethyl-	100	C5H8O2	001955-45-9	35





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Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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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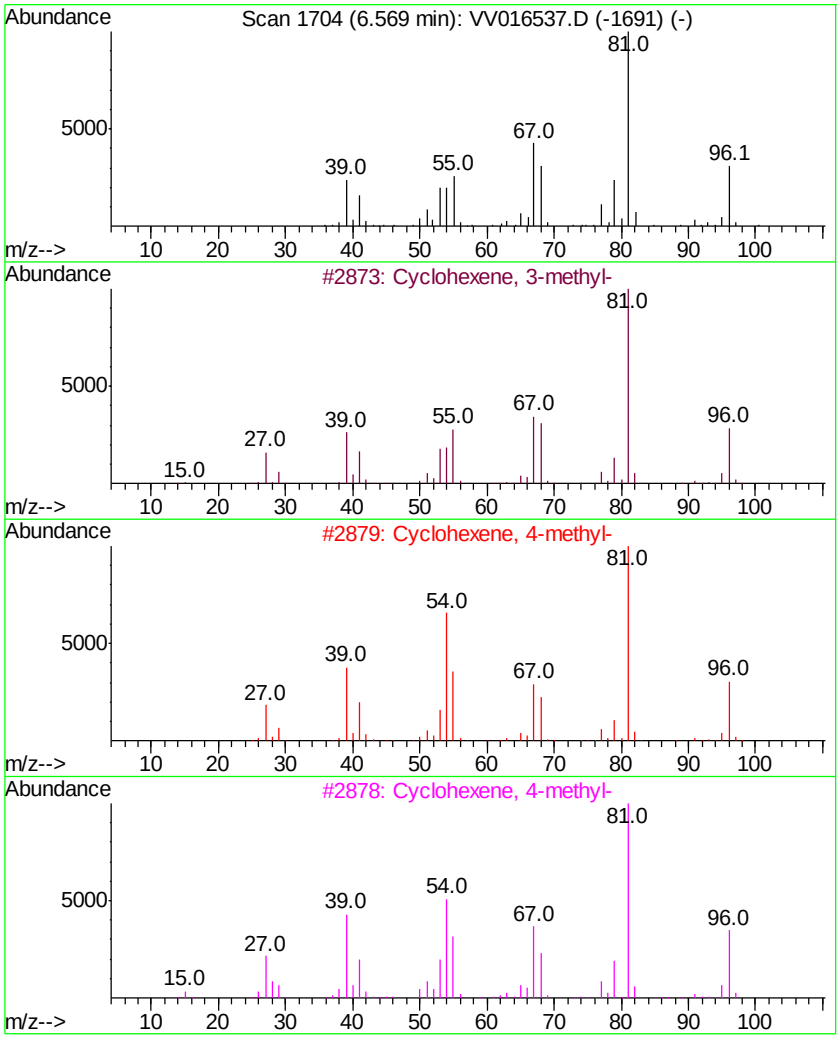
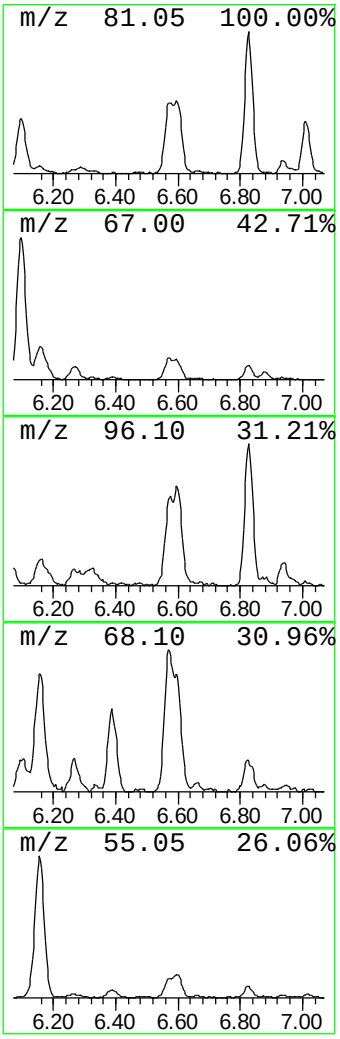
Peak Number 26 Cyclohexene, 3-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	9.10 ug/L	175746	1,4-Difluorobenzene	5.64

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





Library Search Compound Report

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Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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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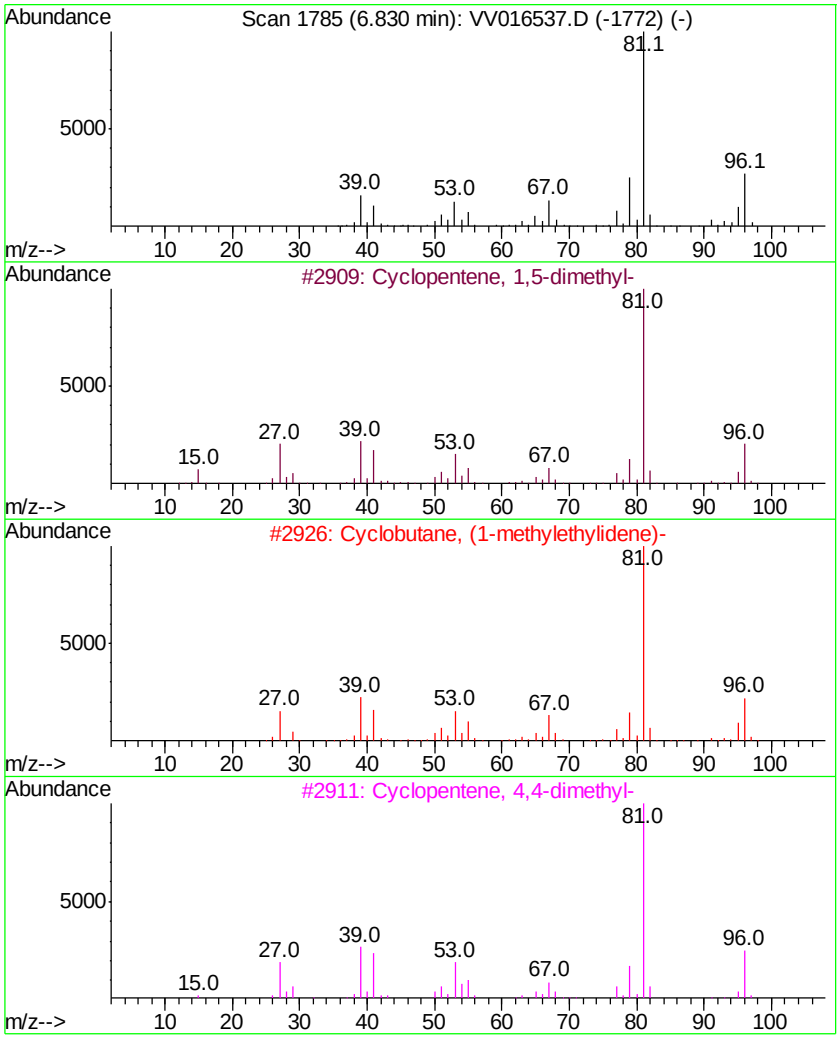
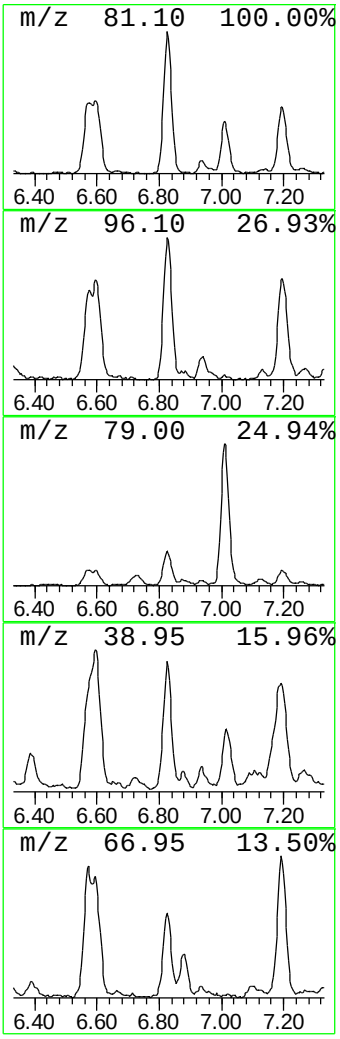
Peak Number 27 Cyclopentene, 1,5-dimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	13.53 ug/L	261248	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	90
2	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	90
3	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	80
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	72
5	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	72





Library Search Compound Report

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Data File : VV016537.D
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Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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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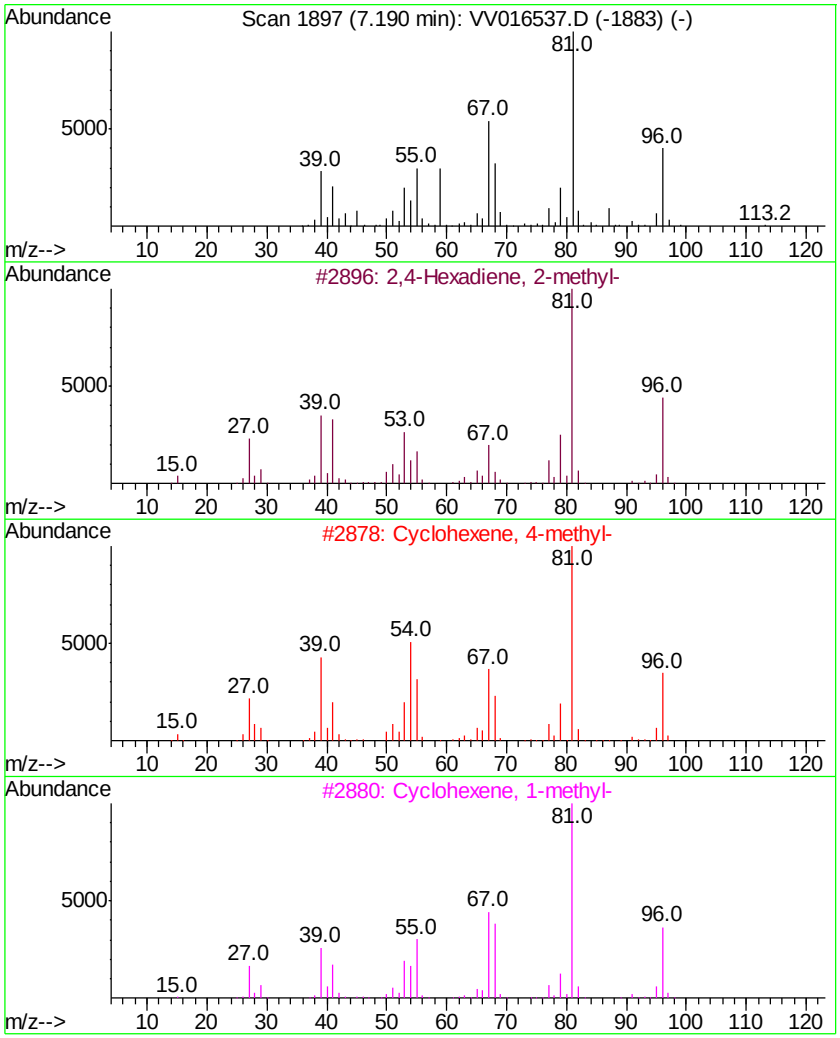
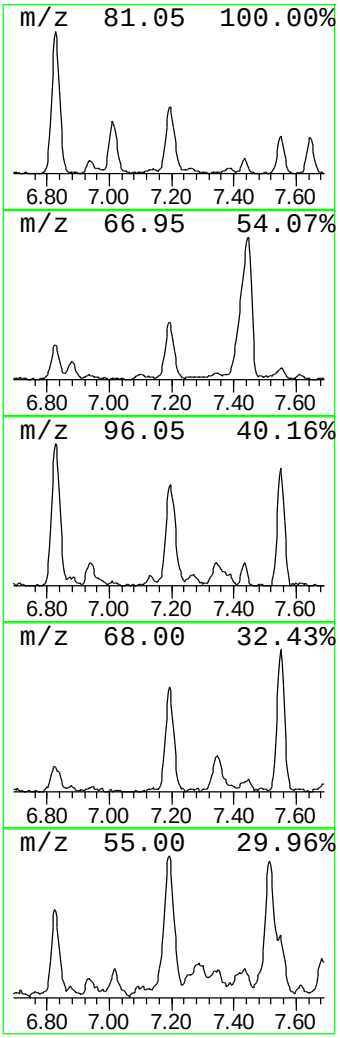
Peak Number 29 2,4-Hexadiene, 2-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	15.30 ug/L	295515	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	95
2	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	87
3	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	81
4	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	81
5	Cyclohexane, methylene-	96	C7H12	001192-37-6	76





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060520\
Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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

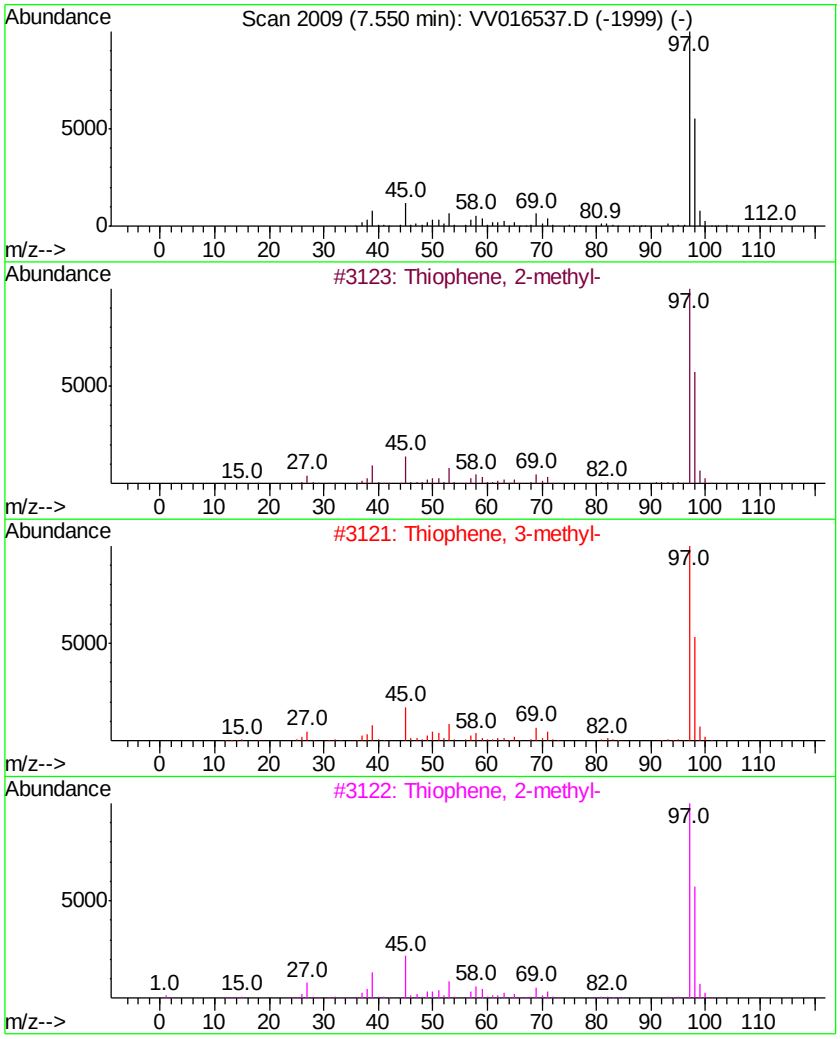
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

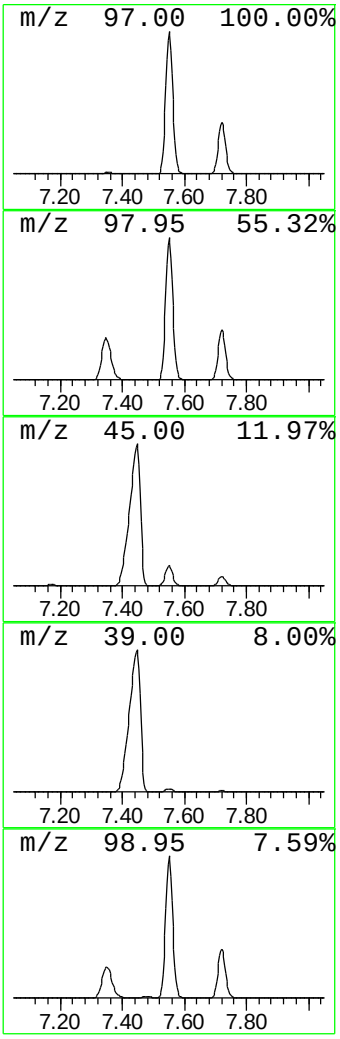
****

Peak Number 30 Thiophene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	196.79 ug/L	5063270	Chlorobenzene-d5	8.88

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





Library Search Compound Report

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Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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

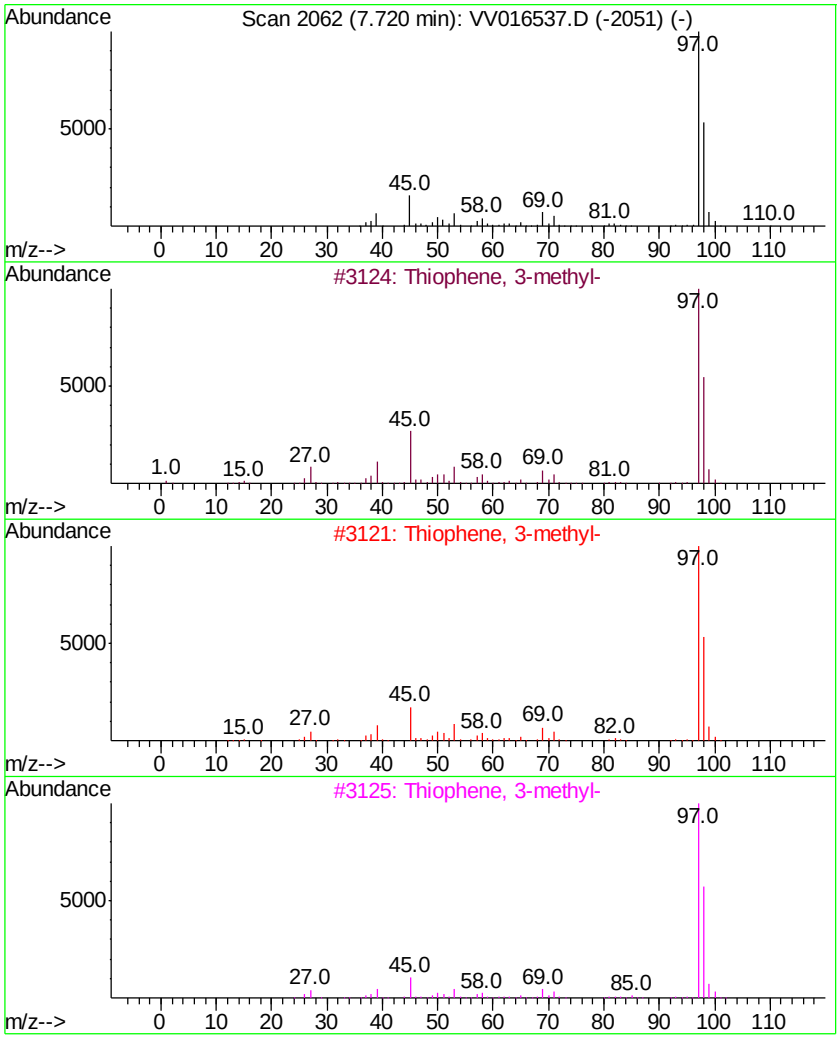
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

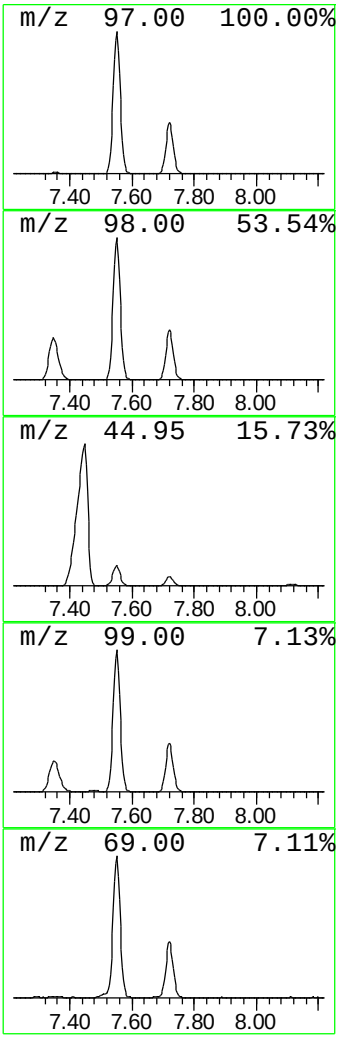
****

Peak Number 31 Thiophene, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	67.34 ug/L	1732690	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	94
2	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91
3	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91
4	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	90
5	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	86





Library Search Compound Report

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Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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

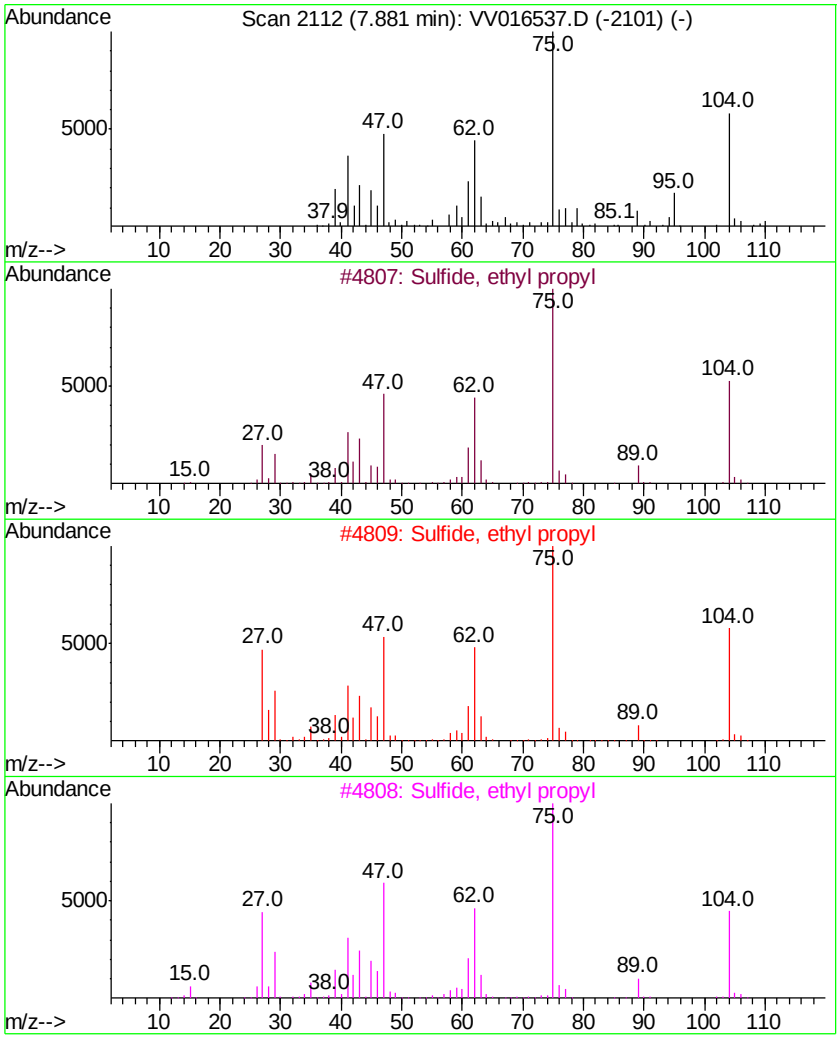
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

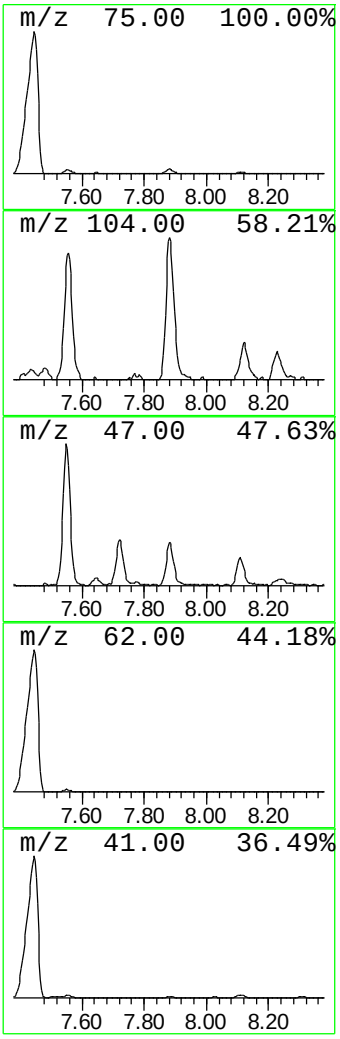
****

Peak Number 32 Sulfide, ethyl propyl Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	5.06 ug/L	130318	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfide, ethyl propyl	104	C5H12S	004110-50-3	96
2	Sulfide, ethyl propyl	104	C5H12S	004110-50-3	95
3	Sulfide, ethyl propyl	104	C5H12S	004110-50-3	90
4	Ethanol, 2-(ethylthio)-	106	C4H10OS	000110-77-0	45
5	Ethanethiol	62	C2H6S	000075-08-1	43





Library Search Compound Report

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Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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

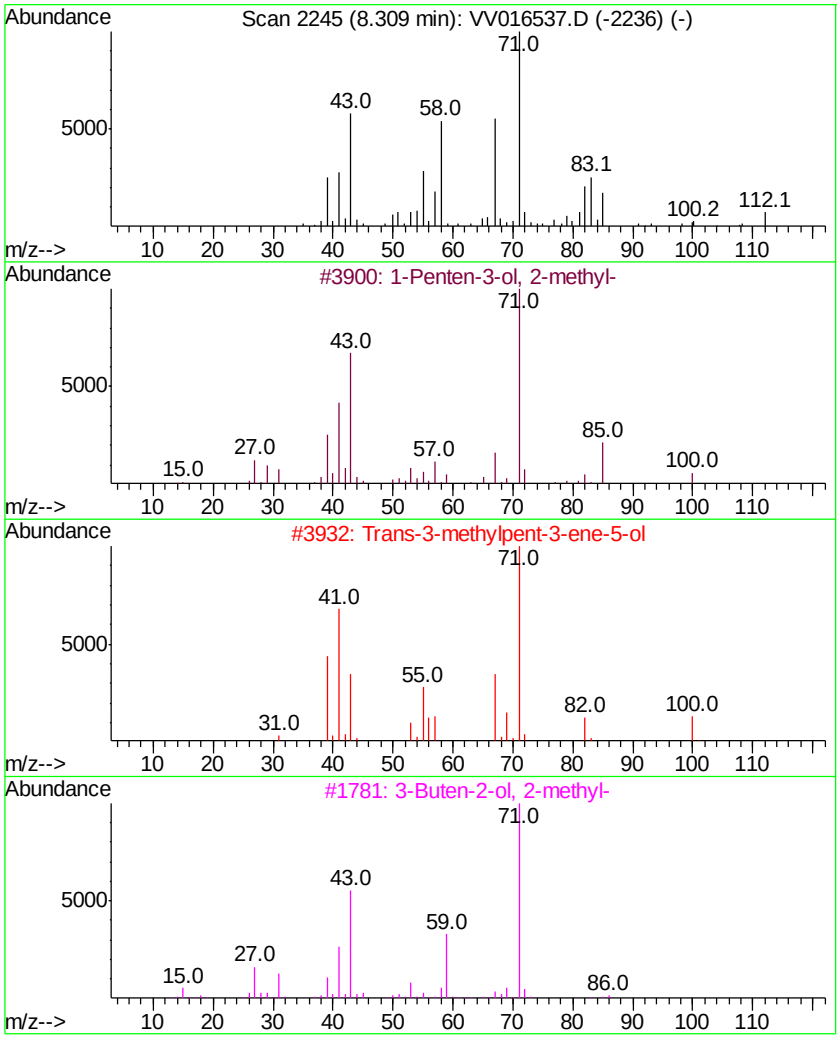
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

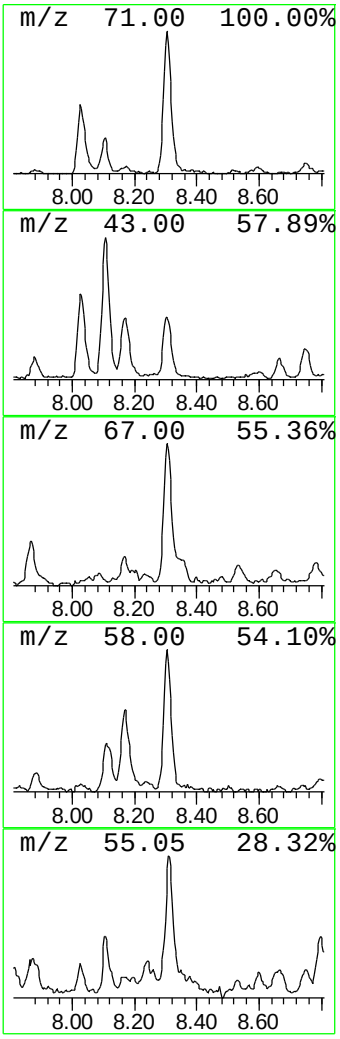
****

Peak Number 33 unknown-01 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	3.71 ug/L	95424	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	43
2	Trans-3-methylpent-3-ene-5-ol	100	C6H12O	030801-95-7	38
3	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	27
4	2,2'-Bifuran, octahydro-	142	C8H14O2	001592-33-2	27
5	Bicyclo[2.2.2]oct-5-en-2-yldimet...	151	C10H17N	033162-94-6	27





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Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

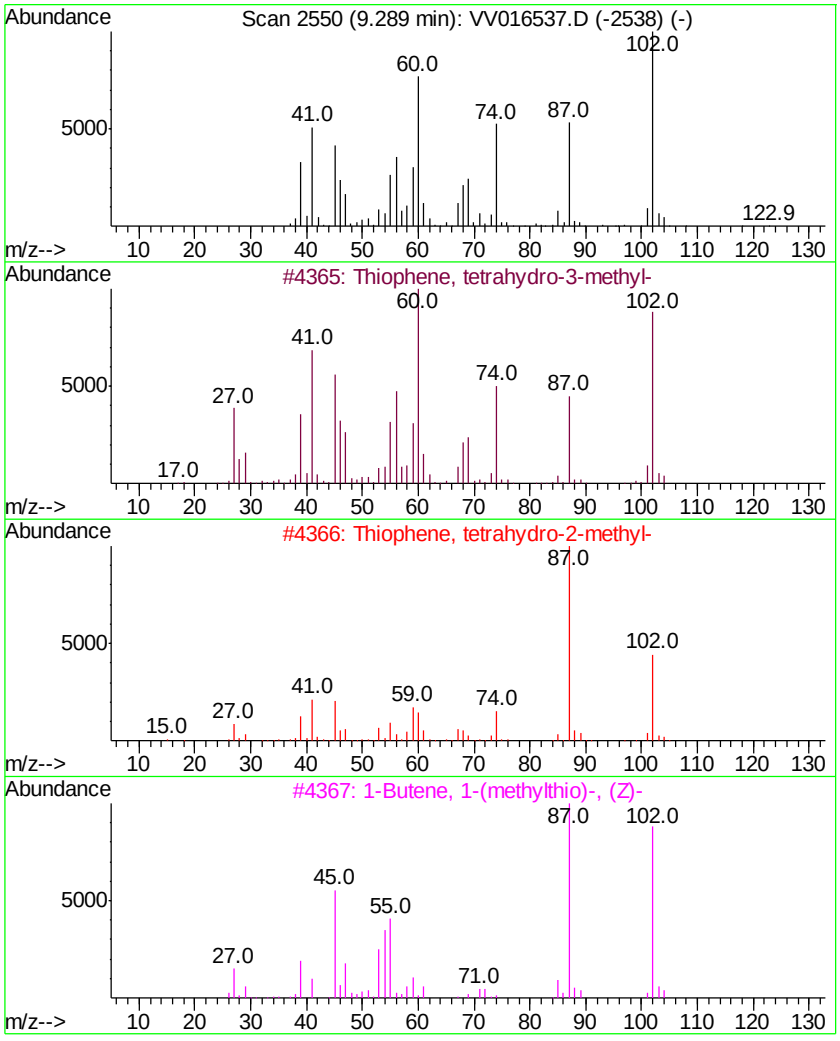
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

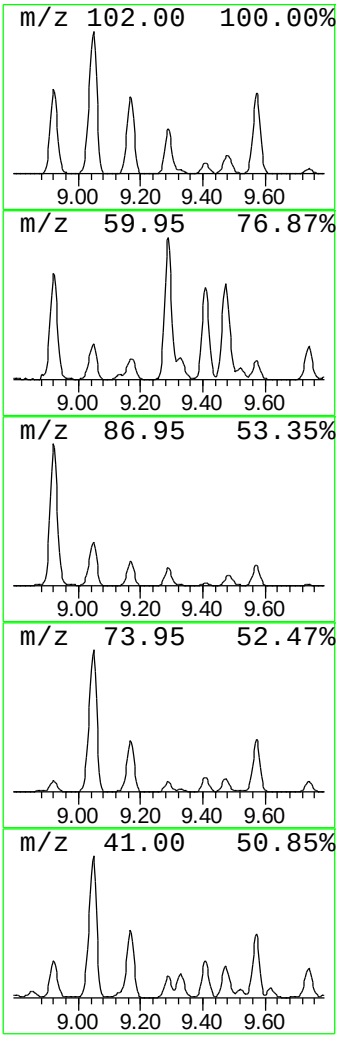
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Thiophene, tetrahydro-3-met... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	28.21 ug/L	725720	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-3-methyl-	102	C5H10S	004740-00-5	97
2	Thiophene, tetrahydro-2-methyl-	102	C5H10S	001795-09-1	43
3	1-Butene, 1-(methylthio)-, (Z)-	102	C5H10S	017414-15-2	41
4	2-Thiazolamine, 4,5-dihydro-	102	C3H6N2S	001779-81-3	38
5	3-Ethylthio-1-propene	102	C5H10S	005296-62-8	38





Library Search Compound Report

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Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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

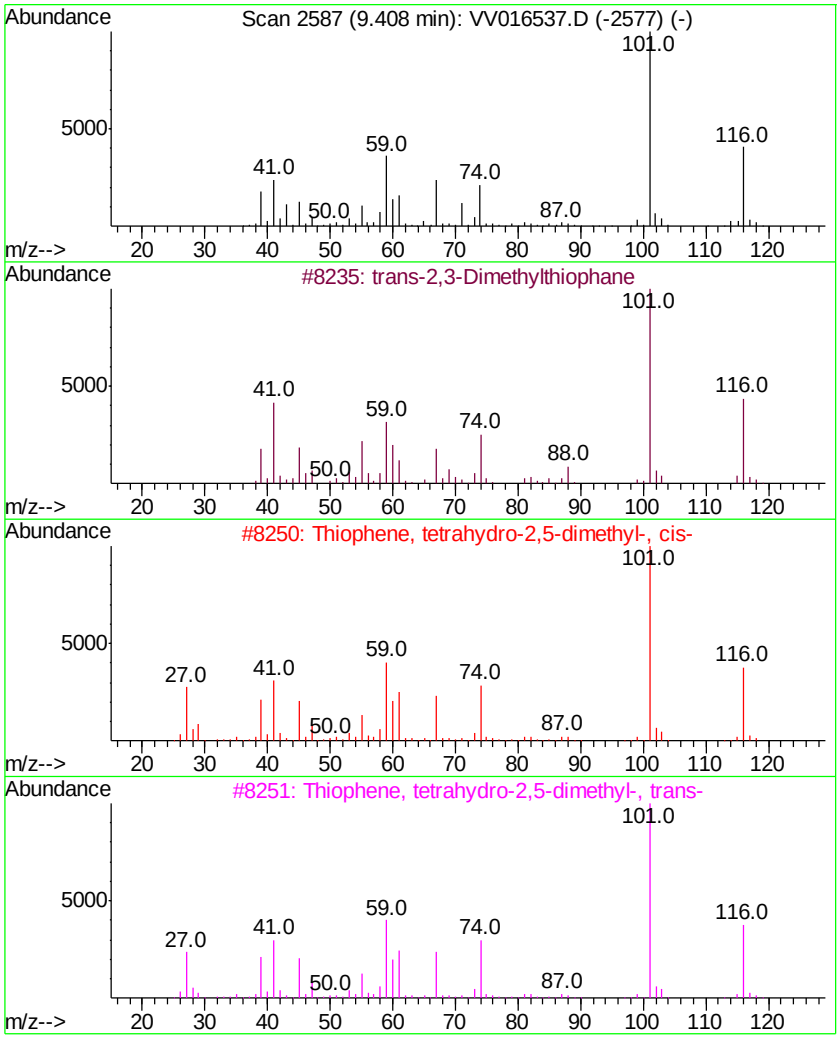
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

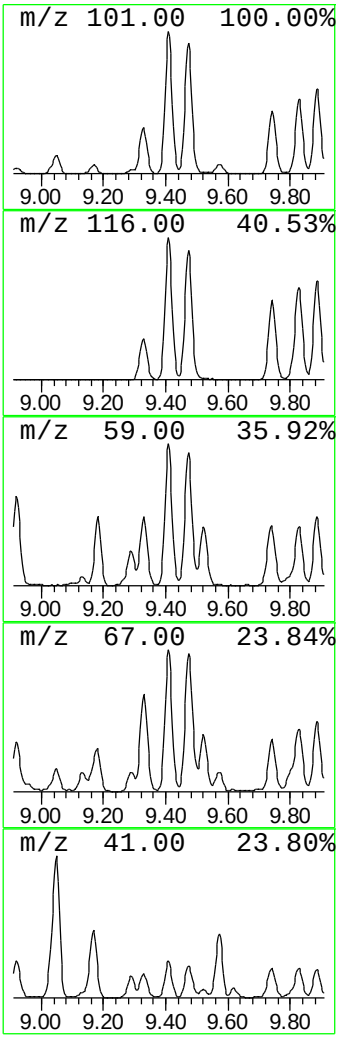
****

Peak Number 36 trans-2,3-Dimethylthiophane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	57.59 ug/L	1481750	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	93
2	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	90
3	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	87
4	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	87
5	Thiazole, 4,5-dihydro-4-methyl-2...	116	C4H8N2S	010416-81-6	59





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Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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

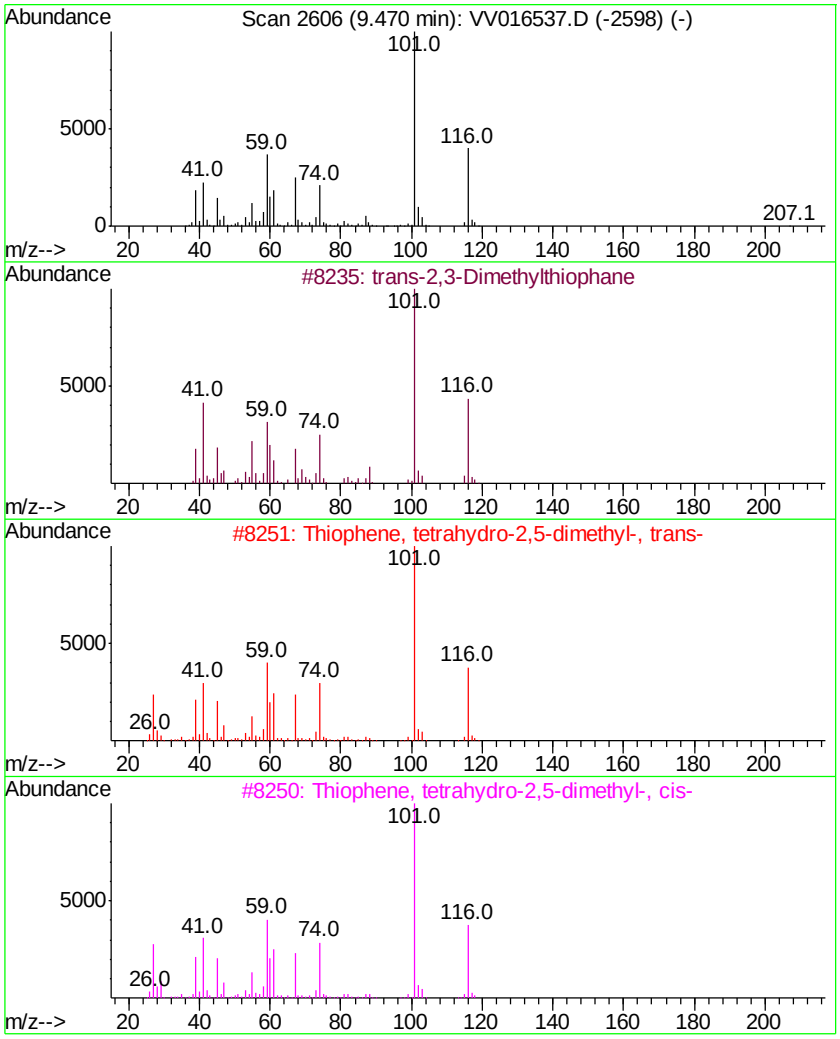
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

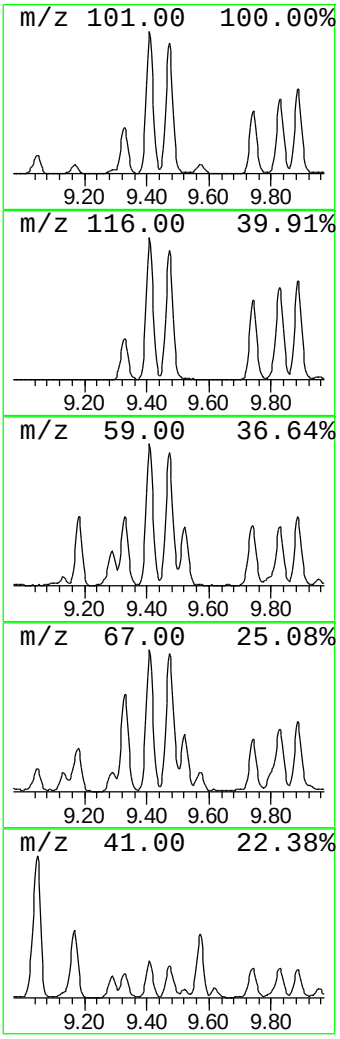
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	54.94 ug/L	1413500	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	90
2	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	87
3	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	78
4	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	50
5	Allylthiourea	116	C4H8N2S	000109-57-9	47





Library Search Compound Report

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Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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

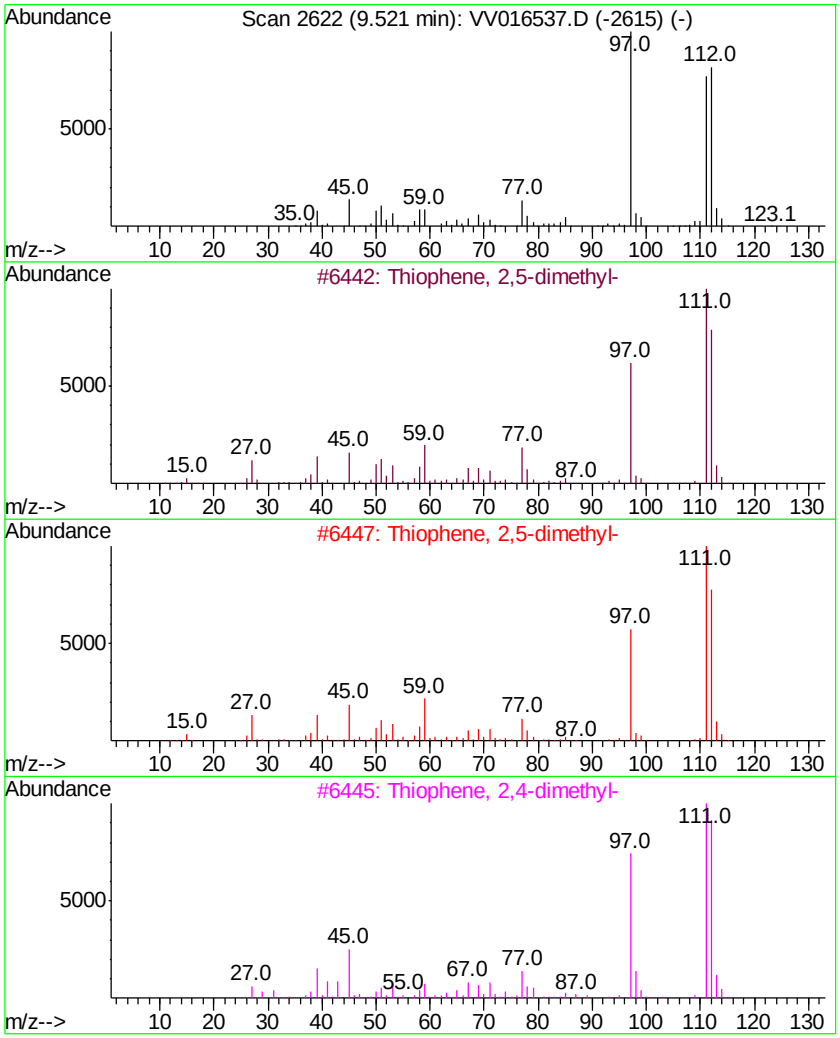
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

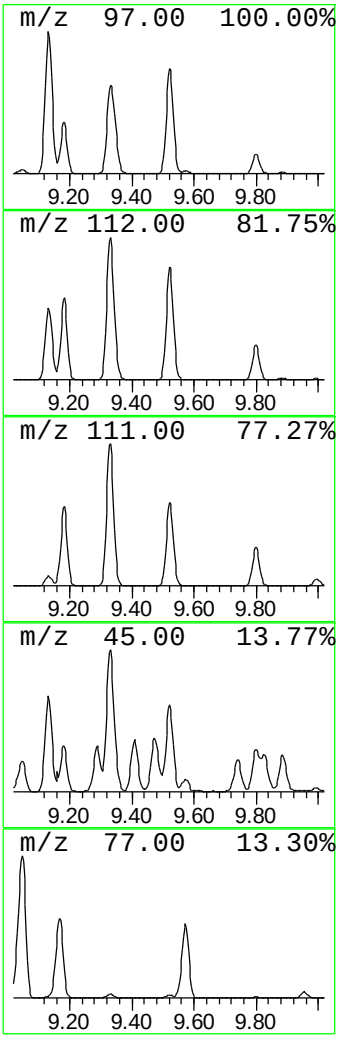
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	69.75 ug/L	1794600	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	90
2	Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	90
3	Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	87
4	Thiophene, 2,3-dimethyl-	112	C6H8S	000632-16-6	87
5	Thiophene, 2,3-dimethyl-	112	C6H8S	000632-16-6	78





Library Search Compound Report

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Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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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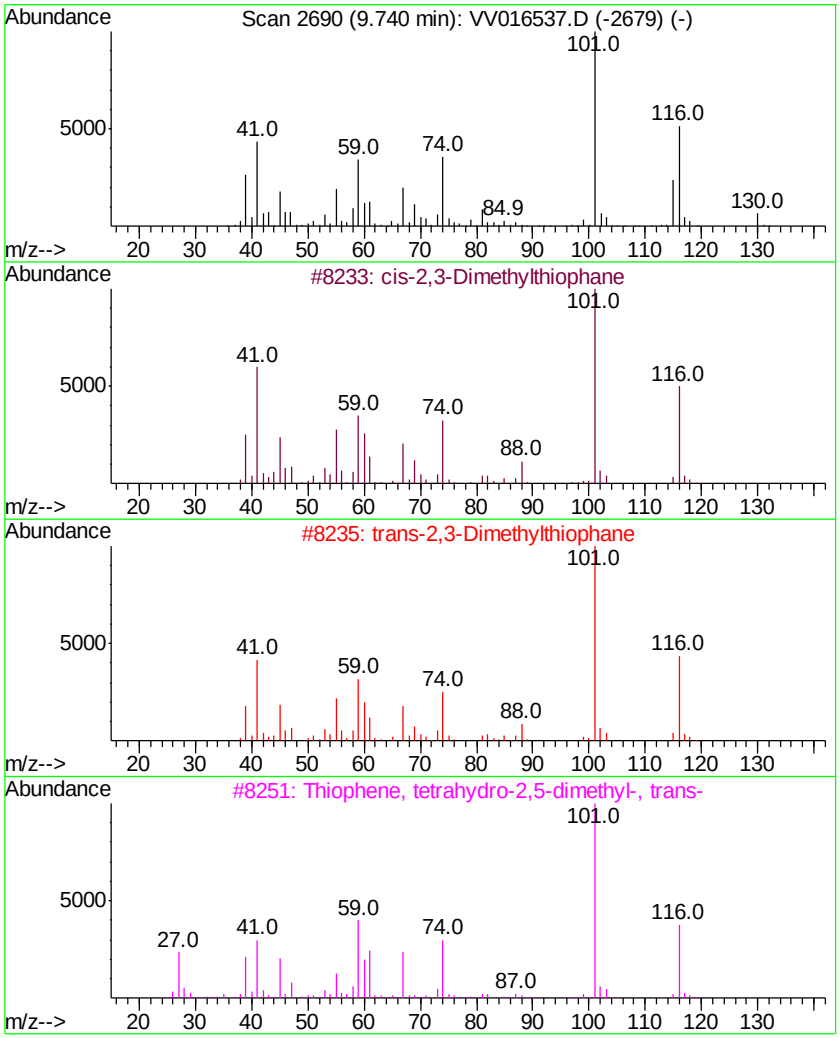
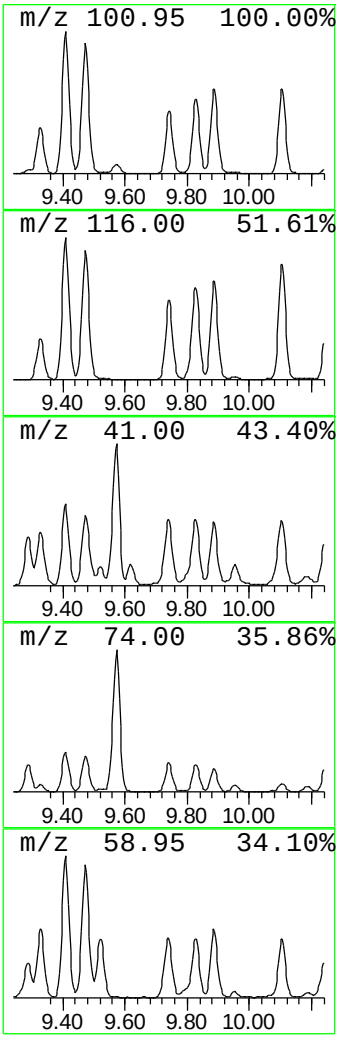
Peak Number 39 cis-2,3-Dimethylthiophane Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	36.40 ug/L	936587	Chlorobenzene-d5	8.88

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	1,3,4-Thiadiazol-2-amine	101	C2H3N3S	004005-51-0	49
5	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	47





Library Search Compound Report

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Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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

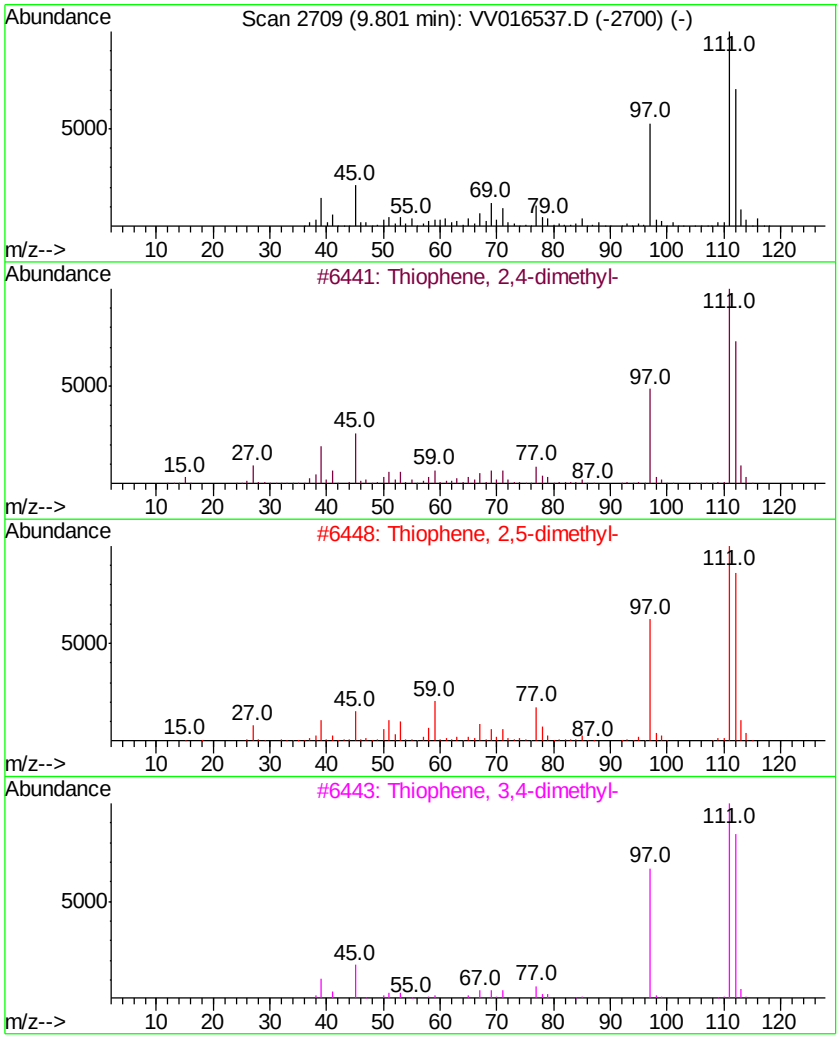
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

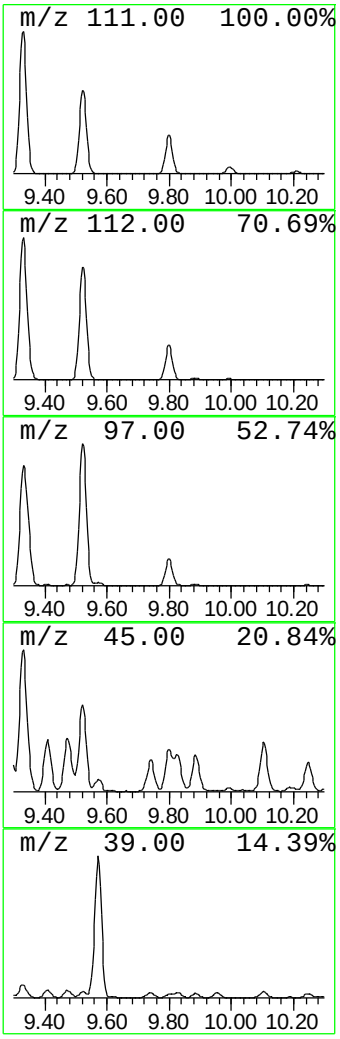
****

Peak Number 40 Thiophene, 2,4-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	24.84 ug/L	639220	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	87
2	Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	81
3	Thiophene, 3,4-dimethyl-	112	C6H8S	000632-15-5	80
4	Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	72
5	Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	72





Library Search Compound Report

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Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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

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

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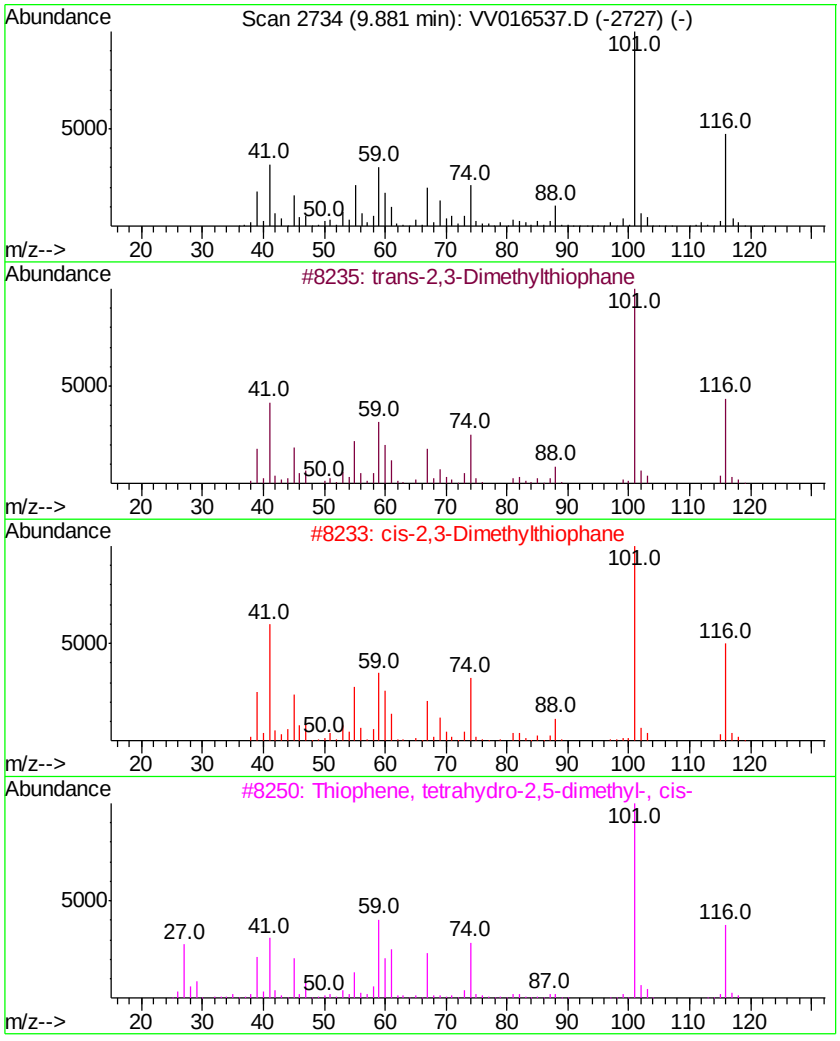
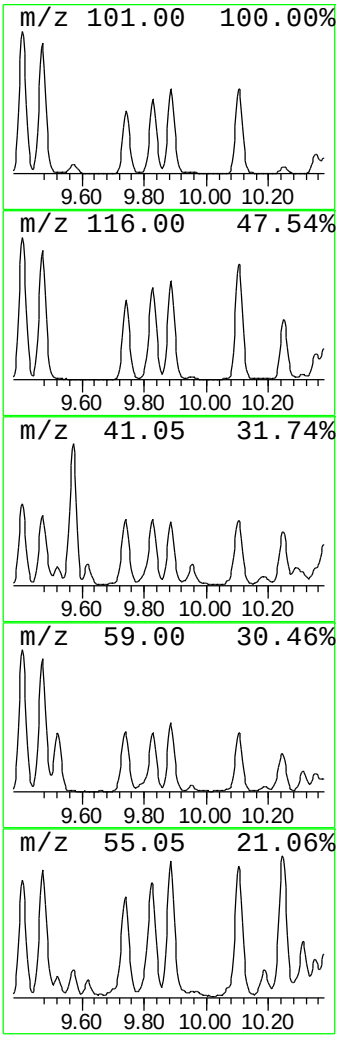
Peak Number 41 Thiazole, 4,5-dihydro-4-met... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	36.67 ug/L	943479	Chlorobenzene-d5	8.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	98
2	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	96
3	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	87
4	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	81
5	Thiazole, 4,5-dihydro-4-methyl-2...	116	C4H8N2S	010416-81-6	68





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

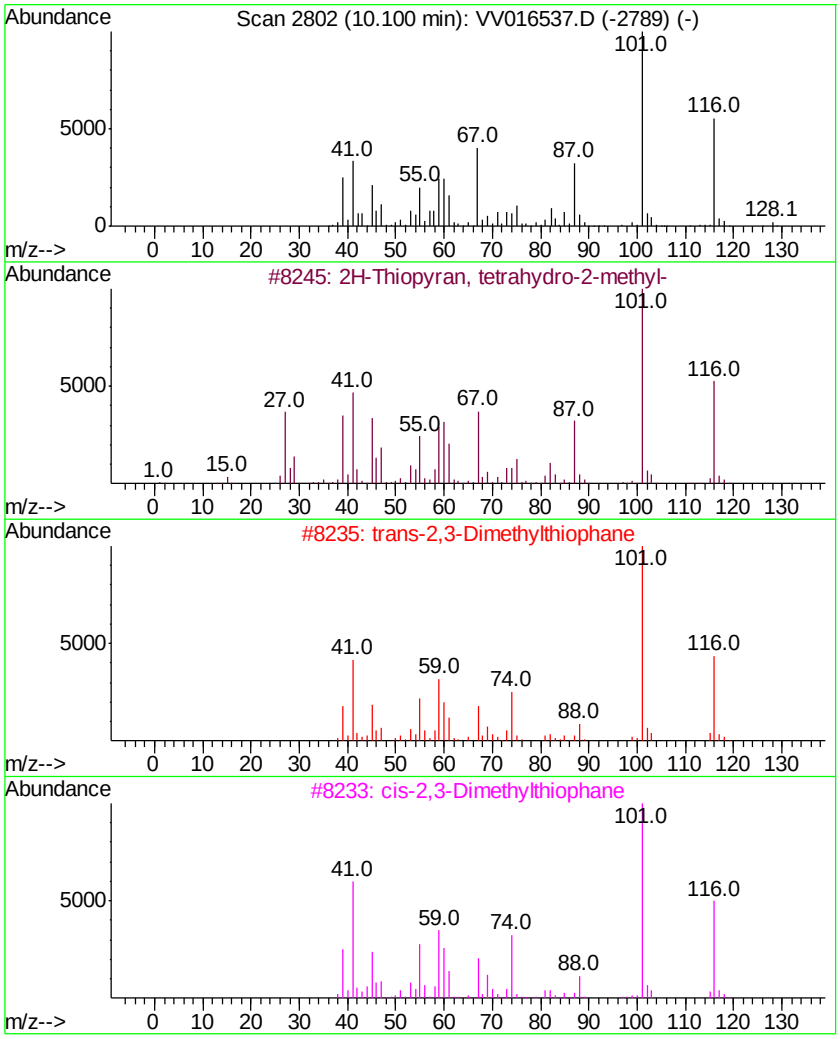
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

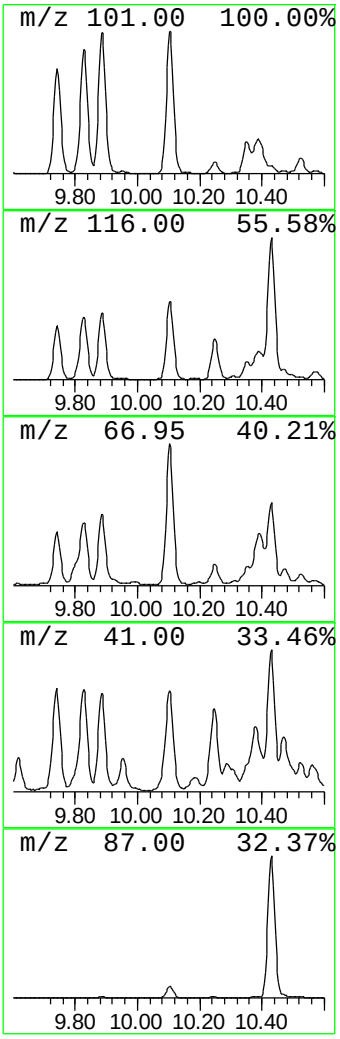
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 2H-Thiopyran, tetrahydro-2-... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	34.99 ug/L	1280220	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	70
4	2H-Thiopyran, tetrahydro-3-methyl-	116	C6H12S	005258-50-4	56
5	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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

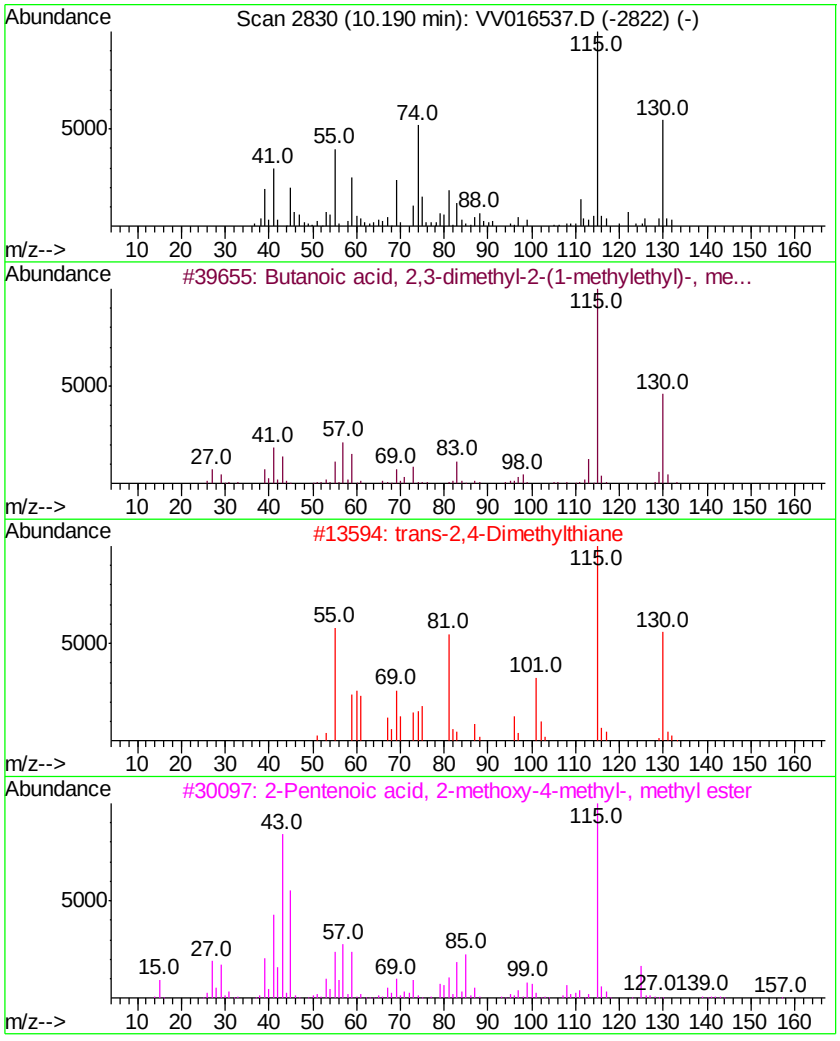
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

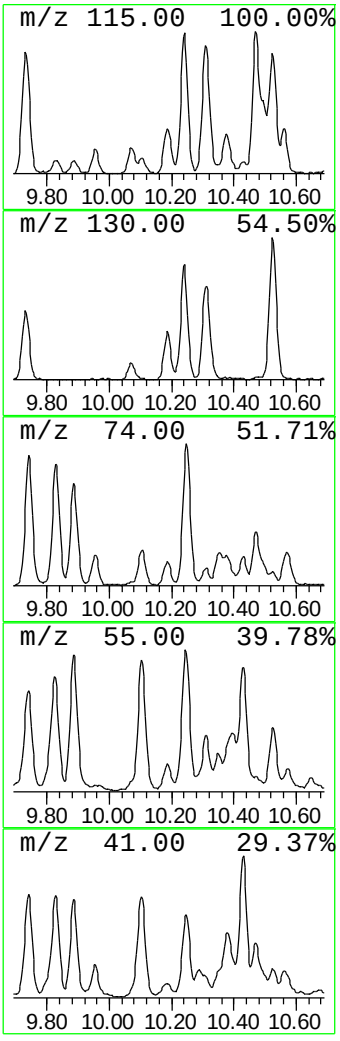
****

Peak Number 43 unknown-02 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	2.54 ug/L	92904	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2,3-dimethyl-2-(1...	172	C10H20O2	055519-33-0	47
2	trans-2,4-Dimethylthiane	130	C7H14S	061568-42-1	46
3	2-Pentenoic acid, 2-methoxy-4-me...	158	C8H14O3	056009-36-0	38
4	Butanedioyl dihydrazide	146	C4H10N4O2	004146-43-4	35
5	3-Dimethyl(dichloromethyl)silylo...	198	C6H12Cl2OSi	1000279-98-7	32





Library Search Compound Report

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Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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

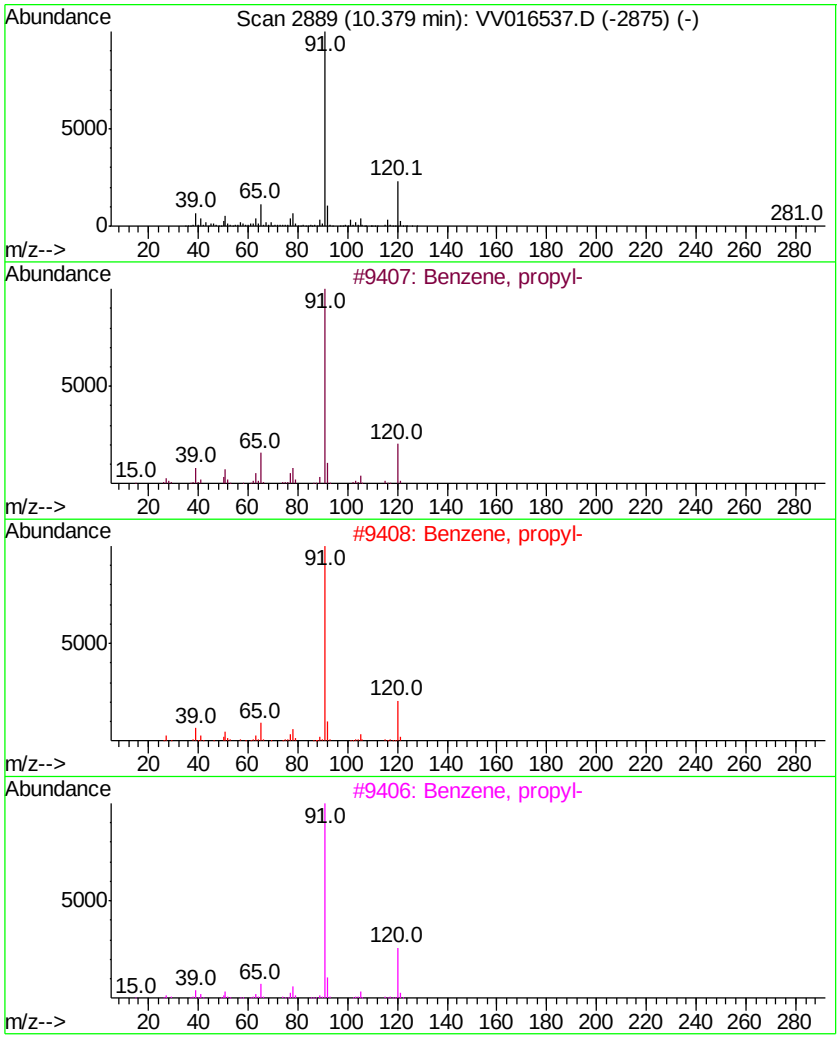
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

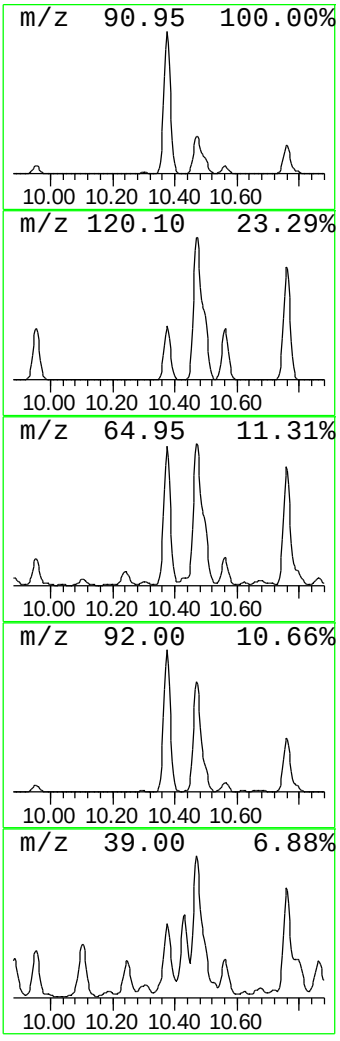
****

Peak Number 44 Benzene, propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	65.46 ug/L	2394940	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	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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

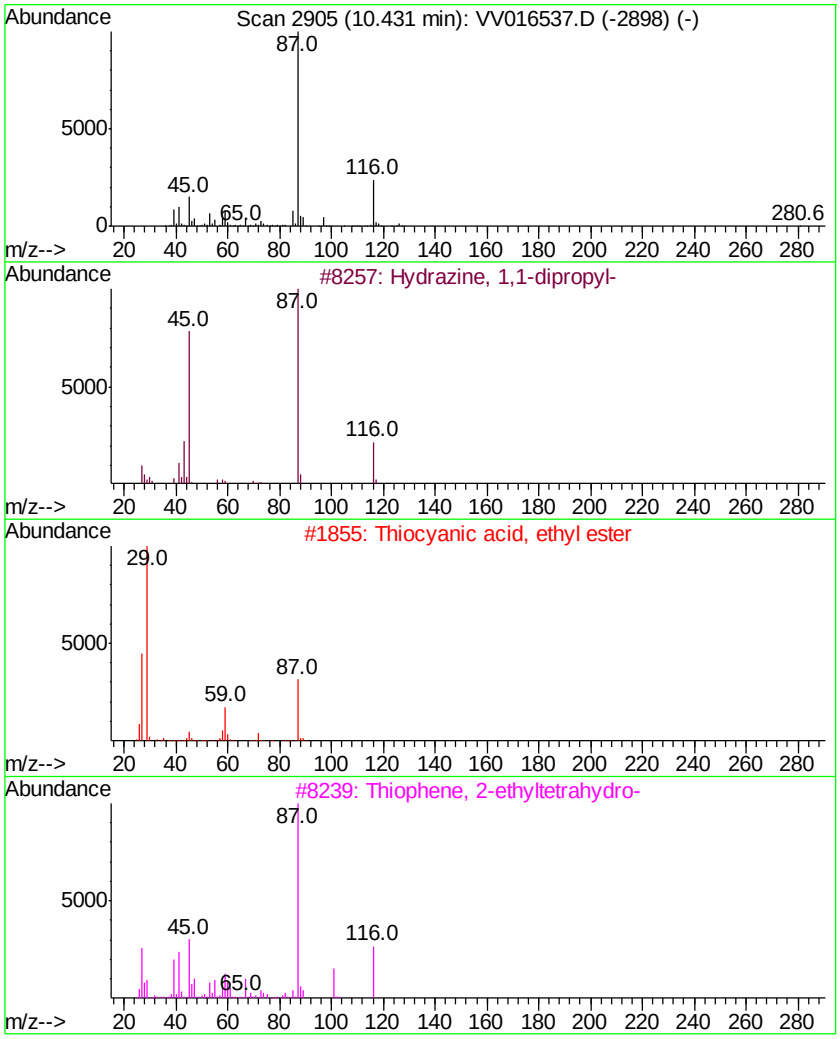
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

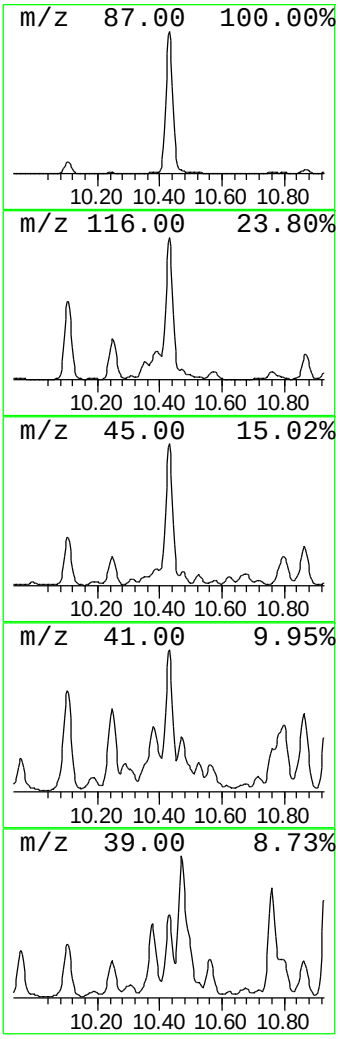
****

Peak Number 45 Hydrazine, 1,1-dipropyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	53.18 ug/L	1945410	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1,1-dipropyl-	116	C6H16N2	004986-50-9	72
2	Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	52
3	Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	50
4	Hydrazine, 1-ethyl-1-(1-methylpr...	116	C6H16N2	020325-97-7	50
5	2-[2-[2-[2-[2-(2-Acetyloxyethoxy...	366	C16H30O9	1000351-90-8	36





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Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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

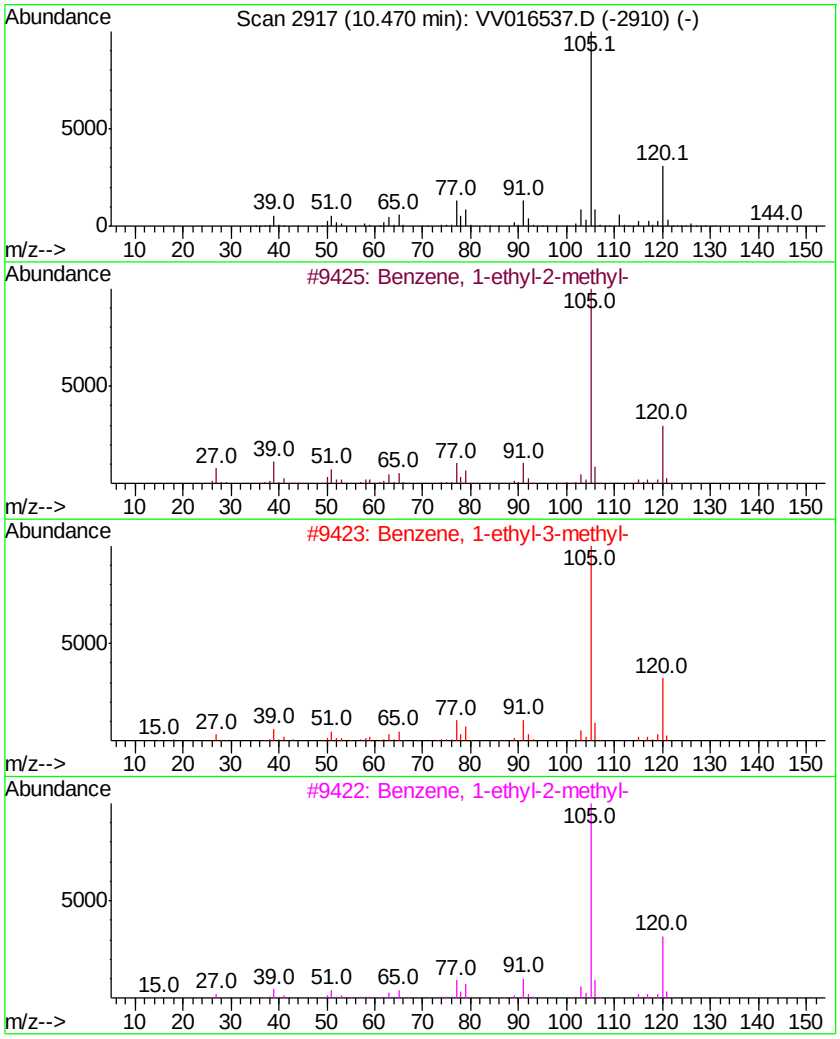
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

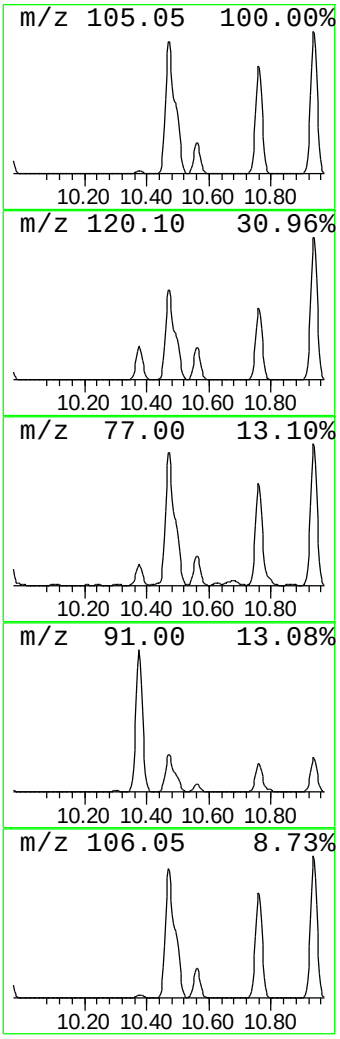
****

Peak Number 46 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	195.95 ug/L	7168640	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	93
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060520\
Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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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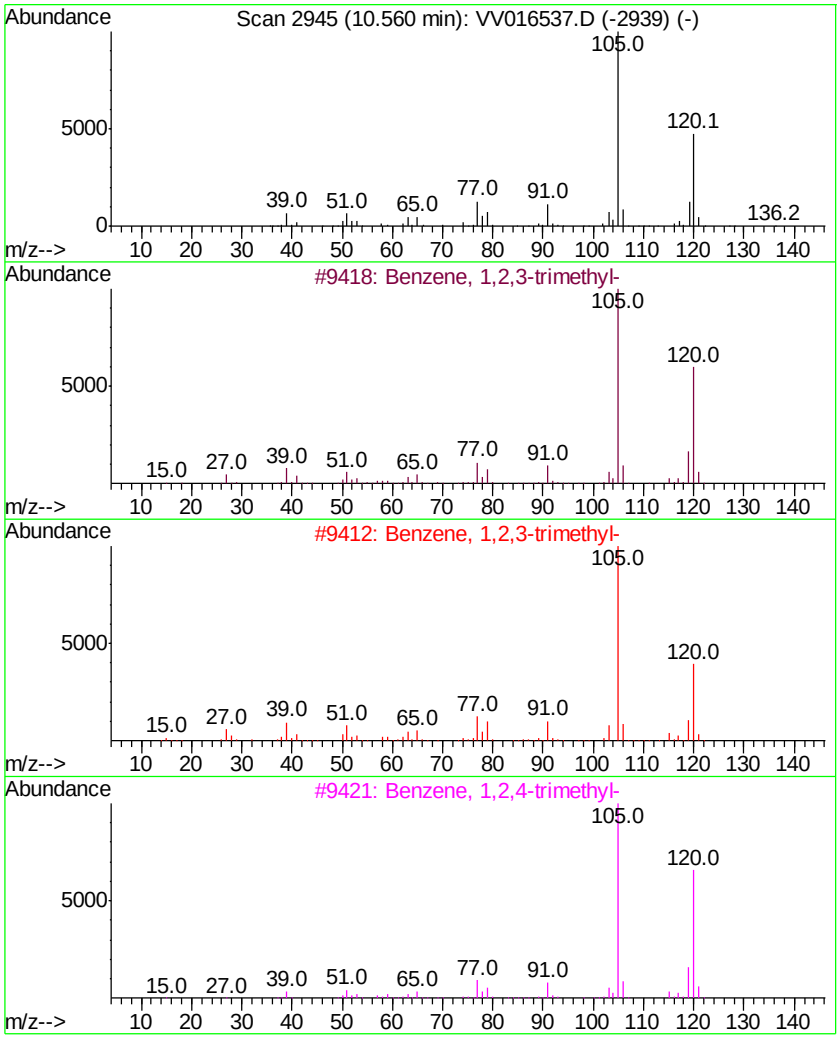
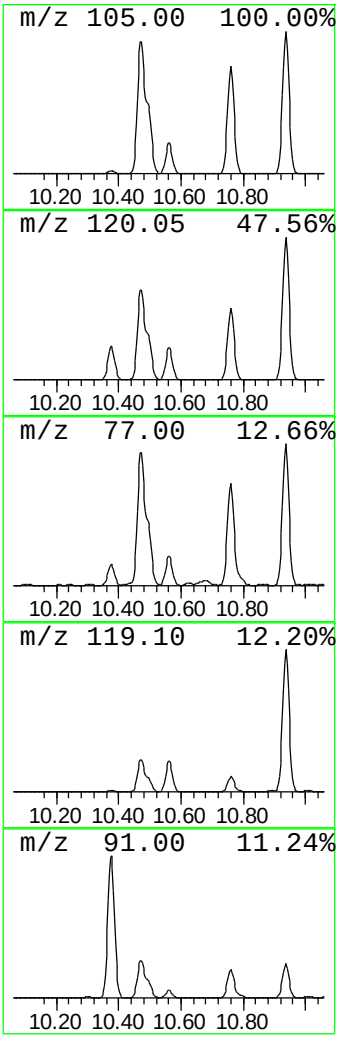
Peak Number 47 Benzene, 1,2,3-trimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	33.63 ug/L	1230330	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	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Mesitylene	120	C9H12	000108-67-8	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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

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

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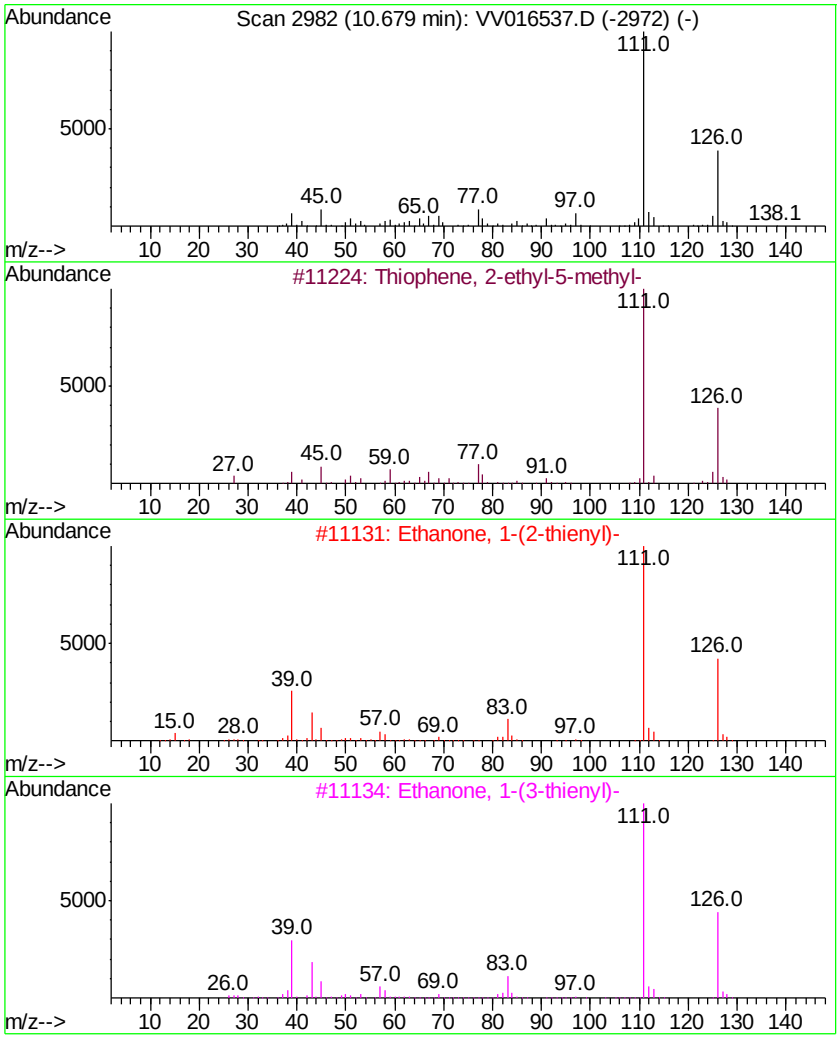
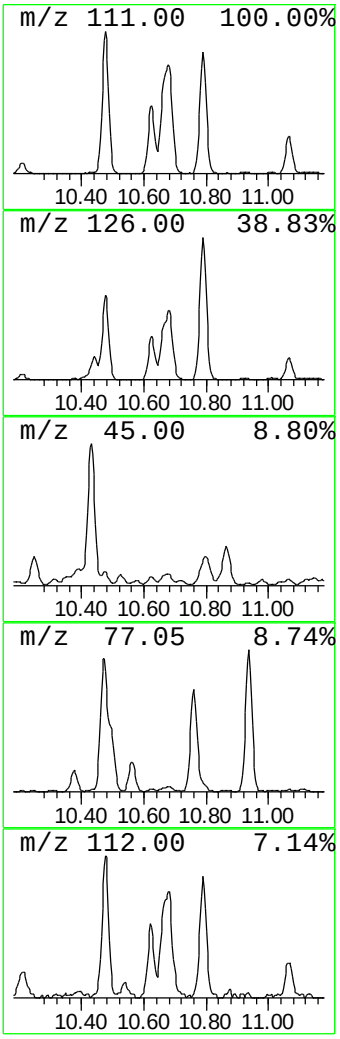
Peak Number 48 Thiophene, 2-ethyl-5-methyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	7.17 ug/L	262280	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-ethyl-5-methyl-	126	C7H10S	040323-88-4	87
2	Ethanone, 1-(2-thienyl)-	126	C6H6OS	000088-15-3	72
3	Ethanone, 1-(3-thienyl)-	126	C6H6OS	001468-83-3	72
4	Ethanone, 1-(2-thienyl)-	126	C6H6OS	000088-15-3	64
5	Thiophene, 2-(1-methylethyl)-	126	C7H10S	004095-22-1	64





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060520\
Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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

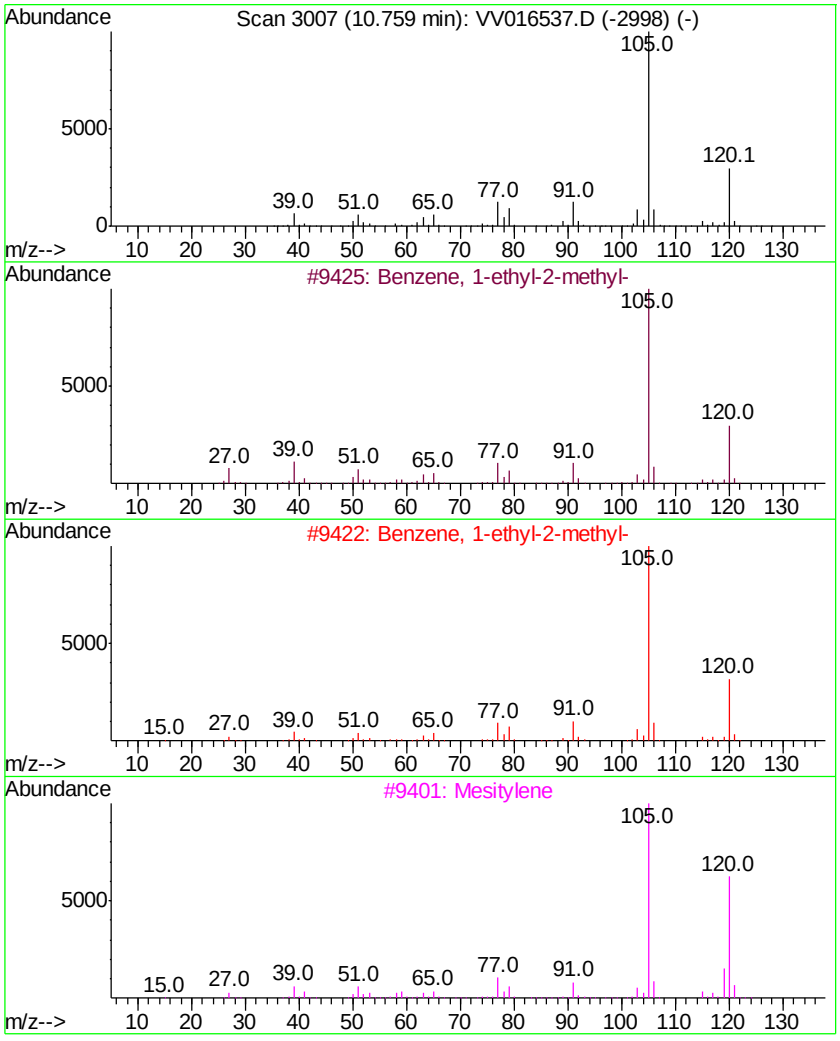
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

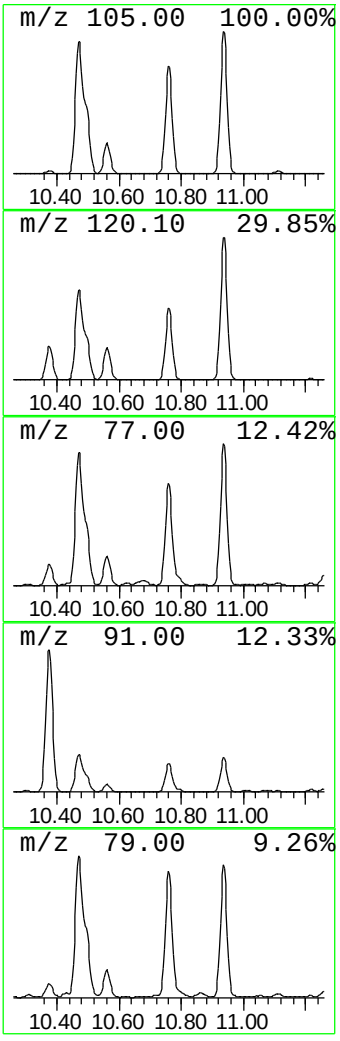
****

Peak Number 49 Mesitylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	113.25 ug/L	4143100	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-2-methyl-	120	C9H12	000611-14-3	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060520\
Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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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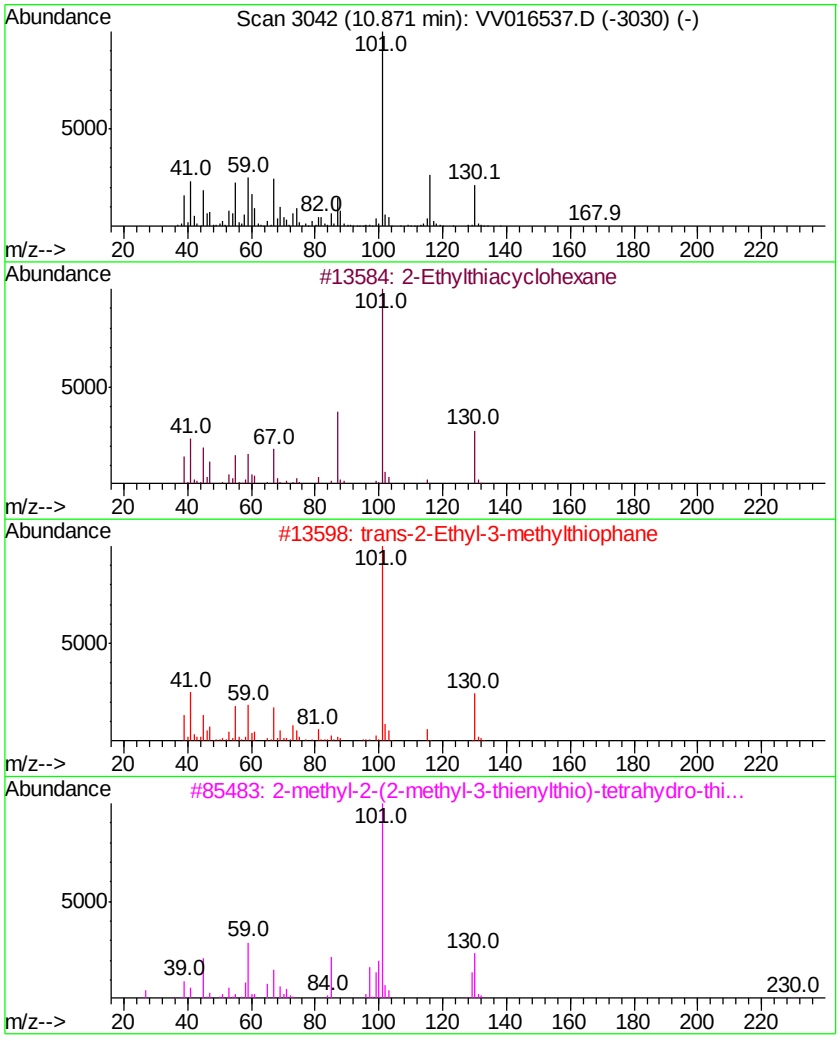
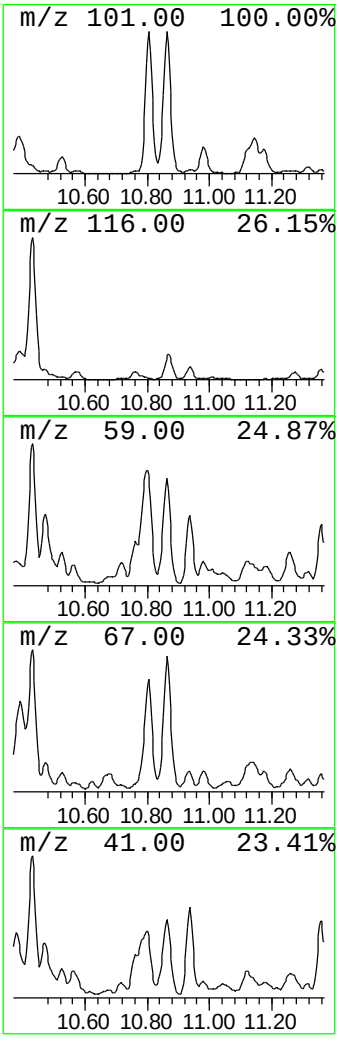
Peak Number 50 2-Ethylthiacyclohexane Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	29.01 ug/L	1061290	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylthiacyclohexane	130	C7H14S	001613-52-1	68
2	trans-2-Ethyl-3-methylthiophane	130	C7H14S	061568-36-3	64
3	2-methyl-2-(2-methyl-3-thienylth...	230	C10H14S3	1000365-97-2	50
4	1,3,4-Thiadiazol-2-amine	101	C2H3N3S	004005-51-0	43
5	3H-1,2,4-Triazole-3-thione, 1,2-...	101	C2H3N3S	003179-31-5	43





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV060520\
Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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

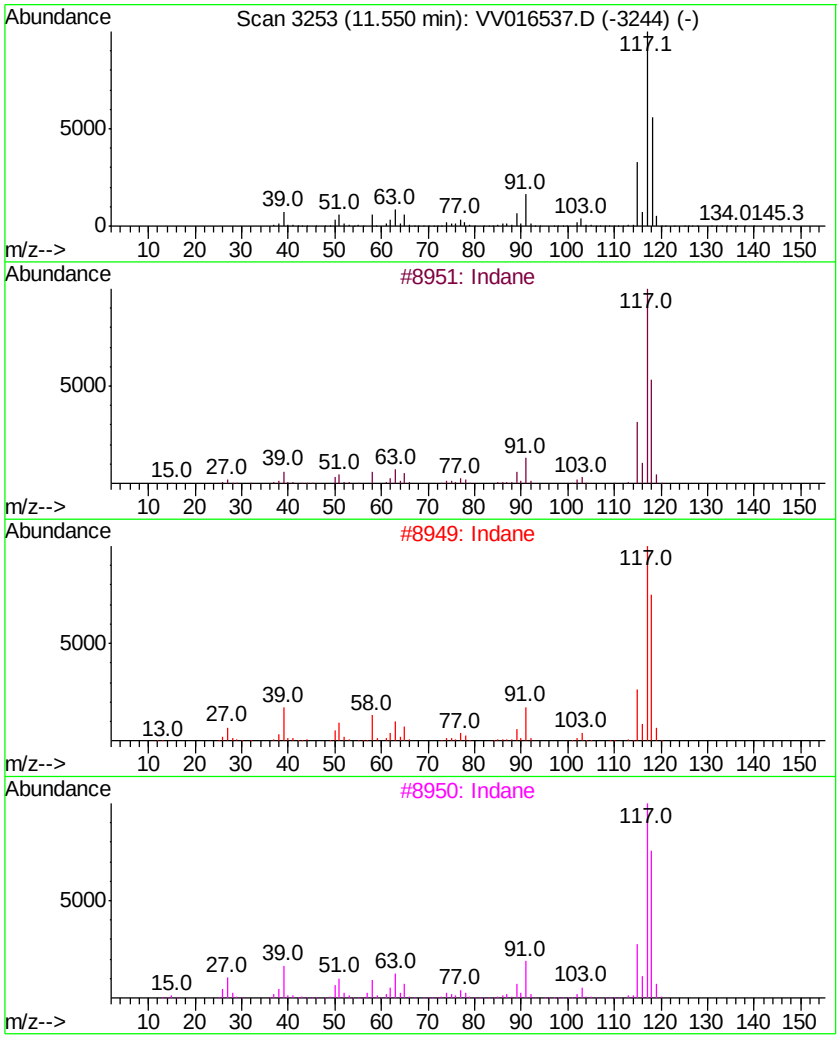
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

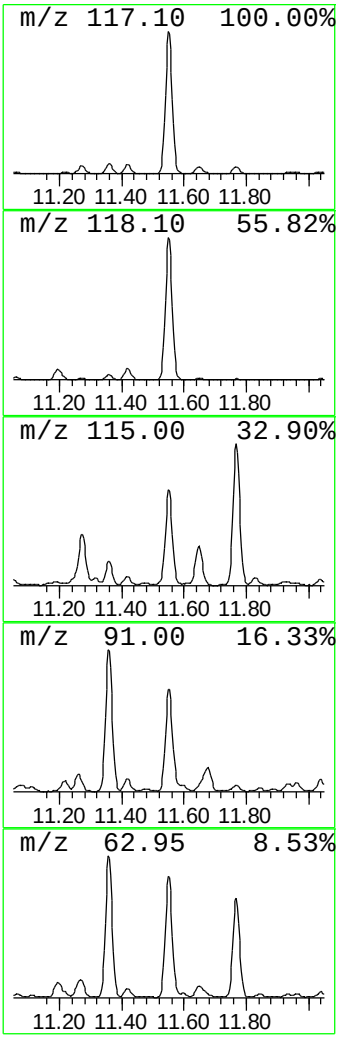
****

Peak Number 54 Indane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	66.72 ug/L	2441040	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	90
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060520\
Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E41

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...	1.42	16.1	ug/L	311278	1	5.64	965563	50.0
(DEL) Alkane: Str...	1.63	14.1	ug/L	273043	1	5.64	965563	50.0
(DEL) Alkane: Cyc...	1.77	39.5	ug/L	762607	1	5.64	965563	50.0
(DEL) Alkane: Str...	1.81	24.4	ug/L	471173	1	5.64	965563	50.0
(DEL) Alkane: Str...	1.90	41.8	ug/L	807826	1	5.64	965563	50.0
(DEL) Alkane: Str...	1.99	31.3	ug/L	604629	1	5.64	965563	50.0
(DEL) Alkane: Cyc...	2.03	27.2	ug/L	525078	1	5.64	965563	50.0
(DEL) Alkane: Str...	2.45	6.2	ug/L	120228	1	5.64	965563	50.0
Cyclopentene	2.49	101.2	ug/L	1954520	1	5.64	965563	50.0
(DEL) Alkane: Cyc...	2.59	97.7	ug/L	1886700	1	5.64	965563	50.0
(DEL) Alkane: Str...	2.78	8.8	ug/L	170312	1	5.64	965563	50.0
(DEL) Alkane: Str...	2.97	21.6	ug/L	416751	1	5.64	965563	50.0
(DEL) Alkane: Str...	3.06	8.1	ug/L	155777	1	5.64	965563	50.0
(DEL) Alkane: Str...	3.17	5.8	ug/L	112648	1	5.64	965563	50.0
(DEL) Alkane: Str...	3.24	9.6	ug/L	185216	1	5.64	965563	50.0
(DEL) Alkane: Str...	3.39	2.5	ug/L	48498	1	5.64	965563	50.0
Cyclopentene, 3-m...	3.45	38.3	ug/L	738993	1	5.64	965563	50.0
Propyl mercaptan	3.71	4.4	ug/L	85474	1	5.64	965563	50.0
(DEL) Alkane: Cyc...	3.78	91.4	ug/L	1764430	1	5.64	965563	50.0
Cyclopentene, 1-m...	4.48	7.0	ug/L	134234	1	5.64	965563	50.0
(DEL) Alkane: Cyc...	4.97	3.1	ug/L	60625	1	5.64	965563	50.0
Cyclohexene	5.25	138.0	ug/L	2664680	1	5.64	965563	50.0
Diethyl sulfide	5.96	4.6	ug/L	88567	1	5.64	965563	50.0
Propane, 1-(methy...	6.27	3.3	ug/L	64344	1	5.64	965563	50.0
(DEL) Alkane: Cyc...	6.39	3.8	ug/L	73323	1	5.64	965563	50.0
Cyclohexene, 3-me...	6.57	9.1	ug/L	175746	1	5.64	965563	50.0
Cyclopentene, 1,5...	6.83	13.5	ug/L	261248	1	5.64	965563	50.0
2,4-Hexadiene, 2-...	7.19	15.3	ug/L	295515	1	5.64	965563	50.0
Thiophene, 2-methyl-	7.55	196.8	ug/L	5063270	2	8.88	1286490	50.0
Thiophene, 3-methyl-	7.72	67.3	ug/L	1732690	2	8.88	1286490	50.0
Sulfide, ethyl pr...	7.88	5.1	ug/L	130318	2	8.88	1286490	50.0
unknown-01	8.31	3.7	ug/L	95424	2	8.88	1286490	50.0
Thiophene, tetrah...	9.29	28.2	ug/L	725720	2	8.88	1286490	50.0
trans-2,3-Dimethy...	9.41	57.6	ug/L	1481750	2	8.88	1286490	50.0
Thiophene, tetrah...	9.47	54.9	ug/L	1413500	2	8.88	1286490	50.0
Thiophene, 2,5-di...	9.52	69.8	ug/L	1794600	2	8.88	1286490	50.0
cis-2,3-Dimethylt...	9.74	36.4	ug/L	936587	2	8.88	1286490	50.0
Thiophene, 2,4-di...	9.80	24.8	ug/L	639220	2	8.88	1286490	50.0
Thiazole, 4,5-dih...	9.88	36.7	ug/L	943479	2	8.88	1286490	50.0
2H-Thiopyran, tet...	10.10	35.0	ug/L	1280220	3	11.27	1829210	50.0
unknown-02	10.19	2.5	ug/L	92904	3	11.27	1829210	50.0
Benzene, propyl-	10.38	65.5	ug/L	2394940	3	11.27	1829210	50.0
Hydrazine, 1,1-di...	10.43	53.2	ug/L	1945410	3	11.27	1829210	50.0
Benzene, 1-ethyl-...	10.47	195.9	ug/L	7168640	3	11.27	1829210	50.0
Benzene, 1,2,3-tr...	10.56	33.6	ug/L	1230330	3	11.27	1829210	50.0
Thiophene, 2-ethy...	10.68	7.2	ug/L	262280	3	11.27	1829210	50.0
Mesitylene	10.76	113.3	ug/L	4143100	3	11.27	1829210	50.0
2-Ethylthiacycloh...	10.87	29.0	ug/L	1061290	3	11.27	1829210	50.0
Indane	11.55	66.7	ug/L	2441040	3	11.27	1829210	50.0