LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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	34	41	53	rBV	304340	284836	0.62%	0.111%
2	1.315	60	70	78	rBV	2260655	2302518	5.05%	0.893%
3	1.360	78	84	96	rVB	376867	376297	0.83%	0.146%
4	1.421	96	103	110	rBV	271351	243919	0.53%	0.095%
5	1.547	134	142	156	rVB2	245686	403776	0.89%	0.157%
6	1.627	156	167	191	rBV	5869739	7604588	16.68%	2.951%
7	1.769	201	211	216	rBV	528718	670660	1.47%	0.260%
8	1.807	216	223	244	rVV	3320254	4297523	9.42%	1.668%
9	1.904	244	253	267	rVV	1210921	1575595	3.46%	0.611%
10	1.987	269	279	286	rVV	569159	789507	1.73%	0.306%
11	2.029	286	292	308	rVV	363575	520336	1.14%	0.202%
12	2.116	309	319	330	rVV	292893	486715	1.07%	0.189%
13	2.447	407	422	427	rVV4	341774	664209	1.46%	0.258%
14	2.489	428	435	444	rVV	744519	1482503	3.25%	0.575%
15	2.540	445	451	457	rVV	604092	1048471	2.30%	0.407%
16	2.589	457	466	503	rVV2	1740097	3548698	7.78%	1.377%
17	2.775	503	524	543	rVV	521490	1087955	2.39%	0.422%
18	3.055	598	611	629	rVB2	128730	257529	0.56%	0.100%
19	3.238	657	668	676	rVV2	123936	268314	0.59%	0.104%
20	3.290	677	684	700	rVV	109955	229370	0.50%	0.089%
21	3.454	722	735	749	rVV3	386477	1016235	2.23%	0.394%
22	3.524	749	757	771	rVV2	156270	360905	0.79%	0.140%
23	3.785	818	838	859	rVV	2464676	6262140	13.73%	2.430%
24	3.897	863	873	904	rVB	107811	302363	0.66%	0.117%
25	4.373	1000	1021	1041	rBV	223766	600732	1.32%	0.233%
26	4.482	1044	1055	1072	rVB2	57000	144539	0.32%	0.056%
27	4.701	1095	1123	1142	rBV	3228331	8097467	17.76%	3.142%
28	4.971	1181	1207	1217	rBV5	59657	203276	0.45%	0.079%
29	5.129	1217	1256	1272	rBV	17759251	41116200	90.16%	15.955%
30	5.241	1273	1291	1312	rVB3	888336	2592814	5.69%	1.006%
31	5.347	1312	1324	1333	rBV2	142725	323484	0.71%	0.126%
32	5.640	1402	1415	1454	rBV	483059	1093938	2.40%	0.425%
33	6.093	1541	1556	1564	rBV	308453	623939	1.37%	0.242%
34	6.154	1565	1575	1601	rVV	618390	1386125	3.04%	0.538%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

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

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

35	6.386	1635	1647	1662	rBV2	84705	162164	0.36%	0.063%
36	6.572	1690	1705	1707	rBV	261969	421444	0.92%	0.164%
37	6.823	1768	1783	1795	rBV	510061	919065	2.02%	0.357%
38	7.010	1827	1841	1855	rBV	181358	328272	0.72%	0.127%
39	7.161	1877	1888	1892	rBV	201015	352149	0.77%	0.137%
40	7.338	1932	1943	1953	rBV	643080	1114728	2.44%	0.433%
41	7.412	1953	1966	1988	rVV	18711603	33075294	72.53%	12.835%
42	7.543	1988	2007	2020	rVB	814847	1594280	3.50%	0.619%
43	7.643	2030	2038	2046	rVV	92309	131059	0.29%	0.051%
44	7.717	2052	2061	2076	rVB	278700	459888	1.01%	0.178%
45	7.865	2097	2107	2129	rVB3	69384	144895	0.32%	0.056%
46	8.106	2172	2182	2194	rBV	395479	652102	1.43%	0.253%
47	8.305	2235	2244	2252	rBV4	75941	132475	0.29%	0.051%
48	8.875	2411	2421	2429	rBV	706177	1127083	2.47%	0.437%
49	8.920	2429	2435	2445	rVB	290212	454523	1.00%	0.176%
50	9.042	2458	2473	2492	rBV2	27061816	45602201	100.00%	17.696%
51	9.161	2492	2510	2534	rVB	5888826	10276213	22.53%	3.988%
52	9.286	2539	2549	2554	rBV4	129095	213781	0.47%	0.083%
53	9.328	2554	2562	2577	rVB2	491994	850664	1.87%	0.330%
54	9.408	2577	2587	2597	rBV	155471	246849	0.54%	0.096%
55	9.473	2597	2607	2614	rBV2	139856	246966	0.54%	0.096%
56	9.521	2614	2622	2626	rBV	305228	412260	0.90%	0.160%
57	9.566	2626	2636	2658	rVB	5849722	9285473	20.36%	3.603%
58	9.739	2677	2690	2700	rBV4	109393	200463	0.44%	0.078%
59	9.801	2700	2709	2712	rBV	102257	145260	0.32%	0.056%
60	9.884	2726	2735	2744	rBV2	147804	237380	0.52%	0.092%
61	9.952	2745	2756	2766	rBV	2036691	3132563	6.87%	1.216%
62	10.103	2795	2803	2820	rVB2	93089	171156	0.38%	0.066%
63	10.241	2821	2846	2857	rBV	496802	909542	1.99%	0.353%
64	10.373	2875	2887	2898	rBV	2045469	3087689	6.77%	1.198%
65	10.434	2898	2906	2911	rVV2	339743	536238	1.18%	0.208%
66	10.492	2911	2924	2938	rVV2	882441	2258054	4.95%	0.876%
67	10.559	2938	2945	2957	rVB	244260	379506	0.83%	0.147%
68	10.624	2957	2965	2971	rBV2	111704	165380	0.36%	0.064%
69	10.759	2996	3007	3029	rBV	4604581	8053152	17.66%	3.125%
70	10.865	3030	3040	3050	rVB3	163211	288709	0.63%	0.112%
71	10.936	3050	3062	3078	rBV	6254759	9201378	20.18%	3.571%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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	11.010	3079	3085	3092	rVV2	102528	138132	0.30%	0.054%
73	11.061	3092	3101	3109	rVV3	93757	188090	0.41%	0.073%
74	11.112	3110	3117	3133	rVB3	178238	312778	0.69%	0.121%
75	11.215	3140	3149	3154	rBV	144027	208704	0.46%	0.081%
76	11.267	3154	3165	3178	rVB3	1132349	2024359	4.44%	0.786%
77	11.357	3183	3193	3204	rVB	2833659	4204864	9.22%	1.632%
78	11.418	3204	3212	3220	rVB2	178236	258209	0.57%	0.100%
79	11.479	3222	3231	3240	rBV3	78270	132307	0.29%	0.051%
80	11.550	3242	3253	3265	rBV	1937524	3264700	7.16%	1.267%
81	11.649	3275	3284	3306	rVB5	849643	1642991	3.60%	0.638%
82	11.768	3310	3321	3333	rVB2	442874	774868	1.70%	0.301%
83	11.839	3333	3343	3352	rBV2	220542	378313	0.83%	0.147%
84	11.932	3364	3372	3377	rVV	238489	362759	0.80%	0.141%
85	11.964	3377	3382	3389	rVV	238970	330085	0.72%	0.128%
86	12.038	3397	3405	3411	rVV2	454484	688760	1.51%	0.267%
87	12.071	3412	3415	3424	rVV2	196786	266981	0.59%	0.104%
88	12.138	3426	3436	3454	rVV2	769450	1464462	3.21%	0.568%
89	12.337	3490	3498	3508	rVV	301566	475655	1.04%	0.185%
90	12.437	3521	3529	3537	rVV	142048	238689	0.52%	0.093%
91	12.489	3537	3545	3558	rVB2	332245	536872	1.18%	0.208%
92	12.749	3609	3626	3642	rBV	289569	503986	1.11%	0.196%
93	12.903	3660	3674	3686	rBV2	1381881	2171756	4.76%	0.843%
94	12.971	3686	3695	3708	rVB	497496	766153	1.68%	0.297%
95	13.077	3716	3728	3739	rBV2	679447	1119546	2.46%	0.434%
96	13.524	3855	3867	3890	rVB	2532843	3991611	8.75%	1.549%
97	13.646	3894	3905	3915	rBV	375689	583530	1.28%	0.226%
98	14.601	4192	4202	4210	rBV	84700	133712	0.29%	0.052%
99	14.659	4210	4220	4236	rBV2	237312	490829	1.08%	0.190%
100	14.842	4265	4277	4291	rBV3	461298	808683	1.77%	0.314%

Sum of corrected areas: 257700158

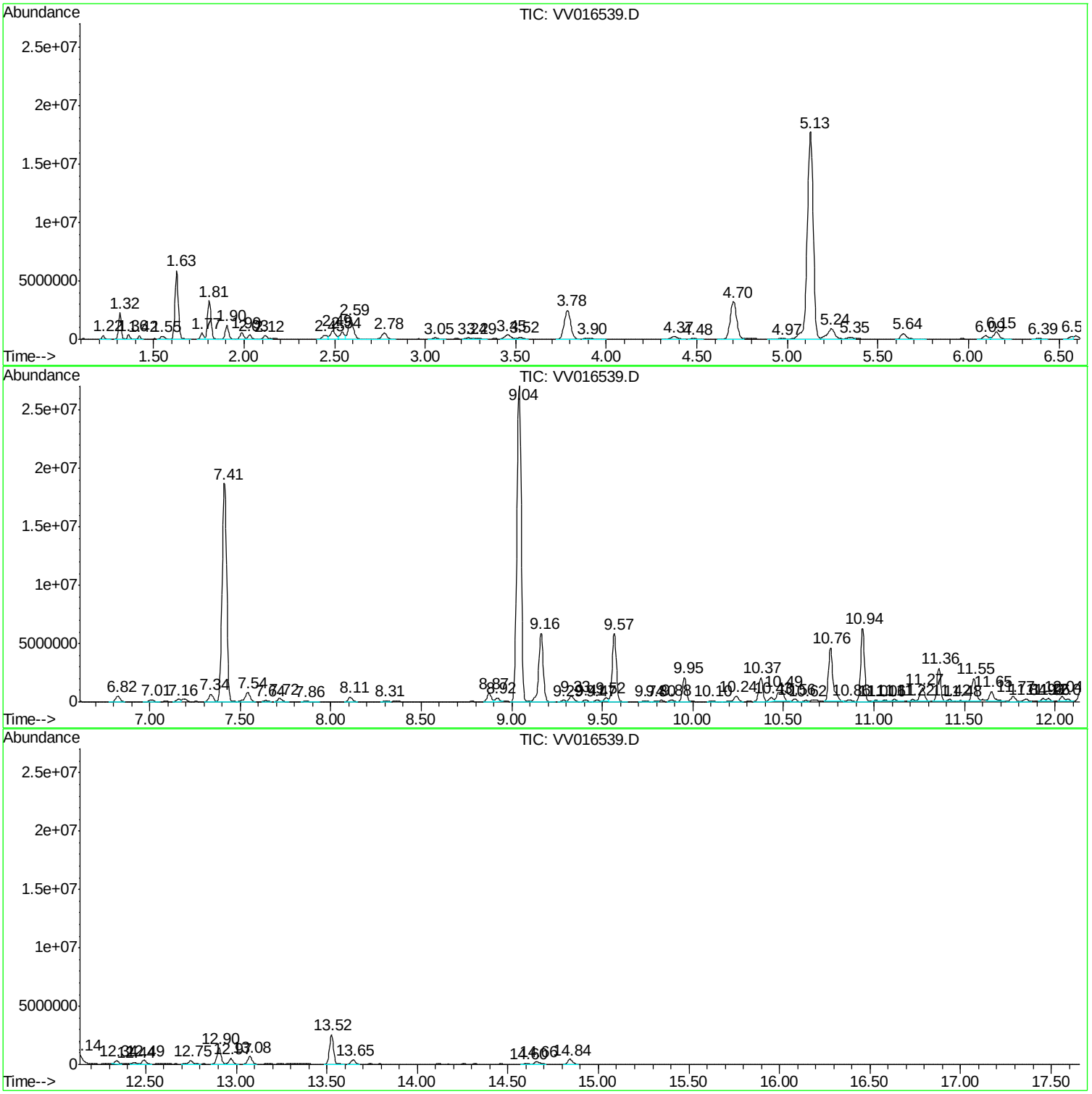
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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 : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

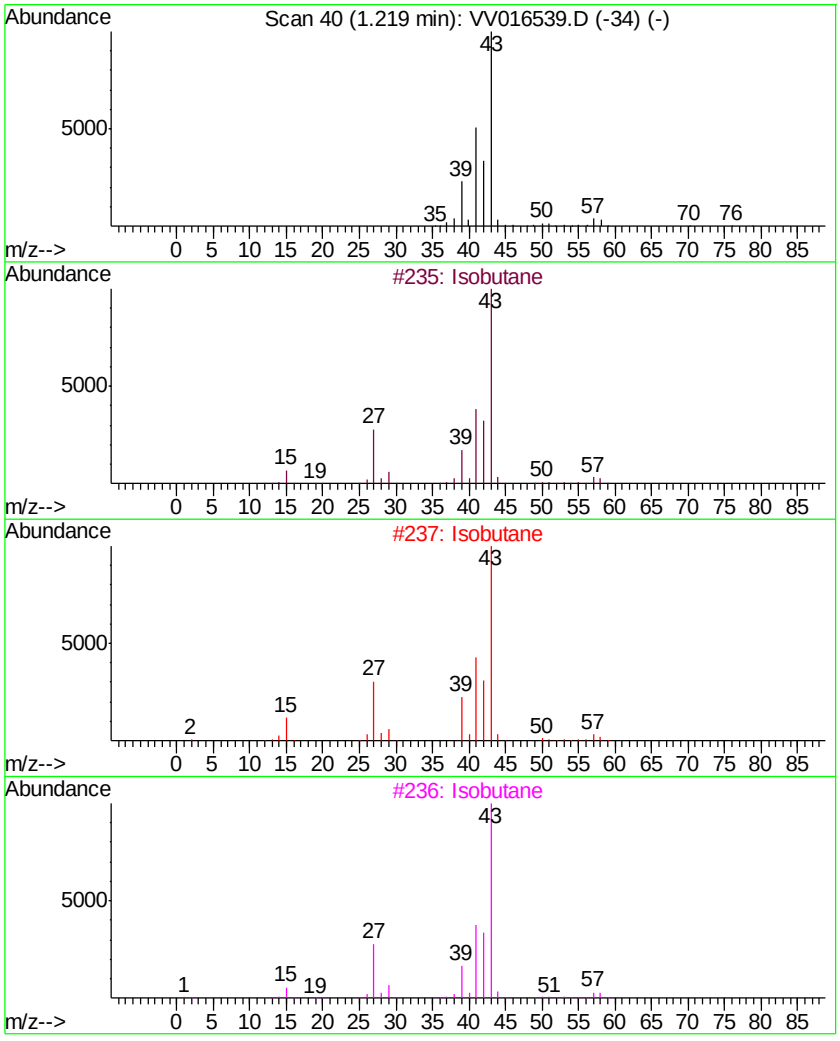
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

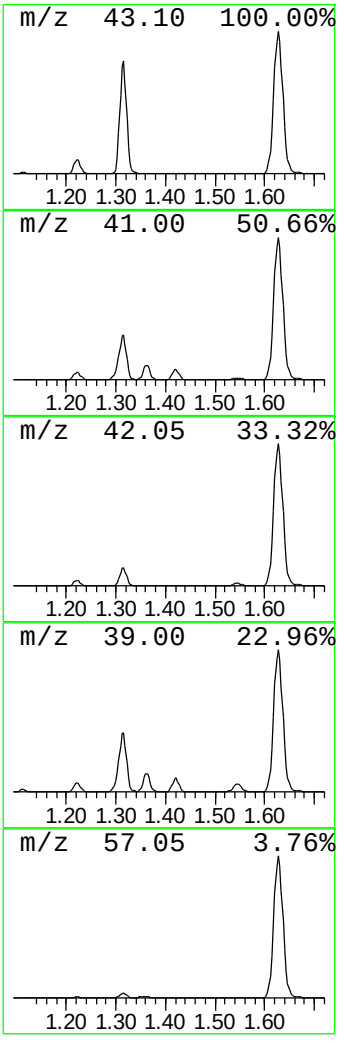
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	13.02 ug/L	284836	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	72
2	Isobutane	58	C4H10	000075-28-5	64
3	Isobutane	58	C4H10	000075-28-5	64
4	Isobutane	58	C4H10	000075-28-5	59
5	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

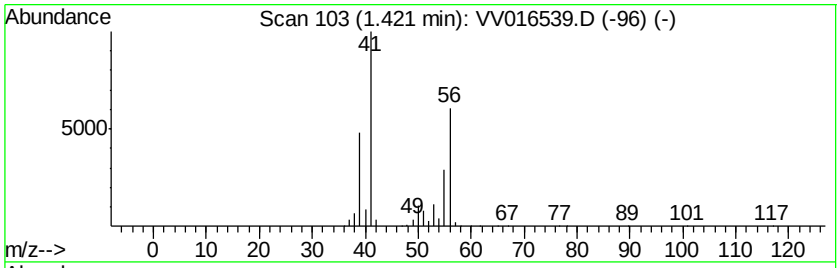
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

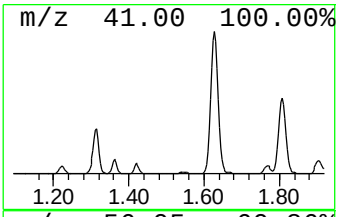
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

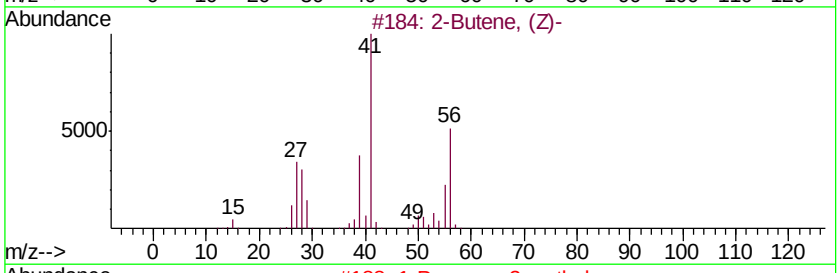
****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 47

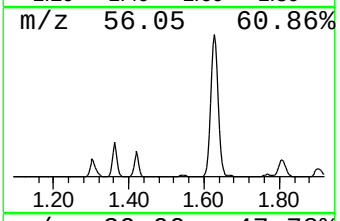
R.T.	EstConc	Area	Relative to ISTD	R.T.
1.42	11.15 ug/L	243919	1,4-Difluorobenzene	5.64

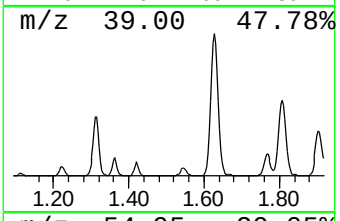
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, (Z)-	56	C4H8	000590-18-1	83
2	1-Propene, 2-methyl-	56	C4H8	000115-11-7	80
3	2-Butene, (E)-	56	C4H8	000624-64-6	80
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	80
5	2-Butene	56	C4H8	000107-01-7	72

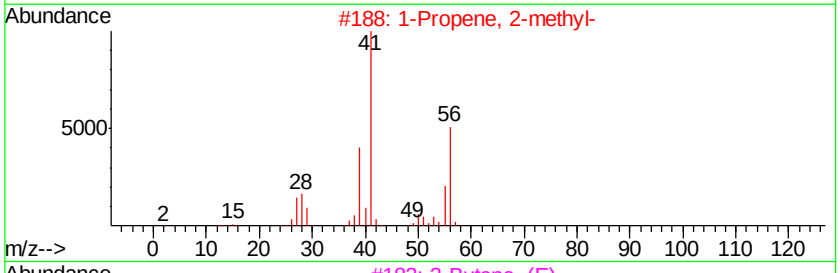


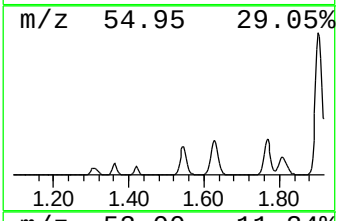


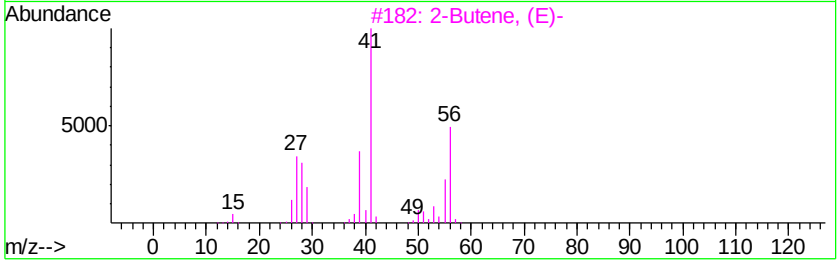


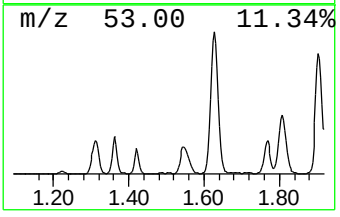












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

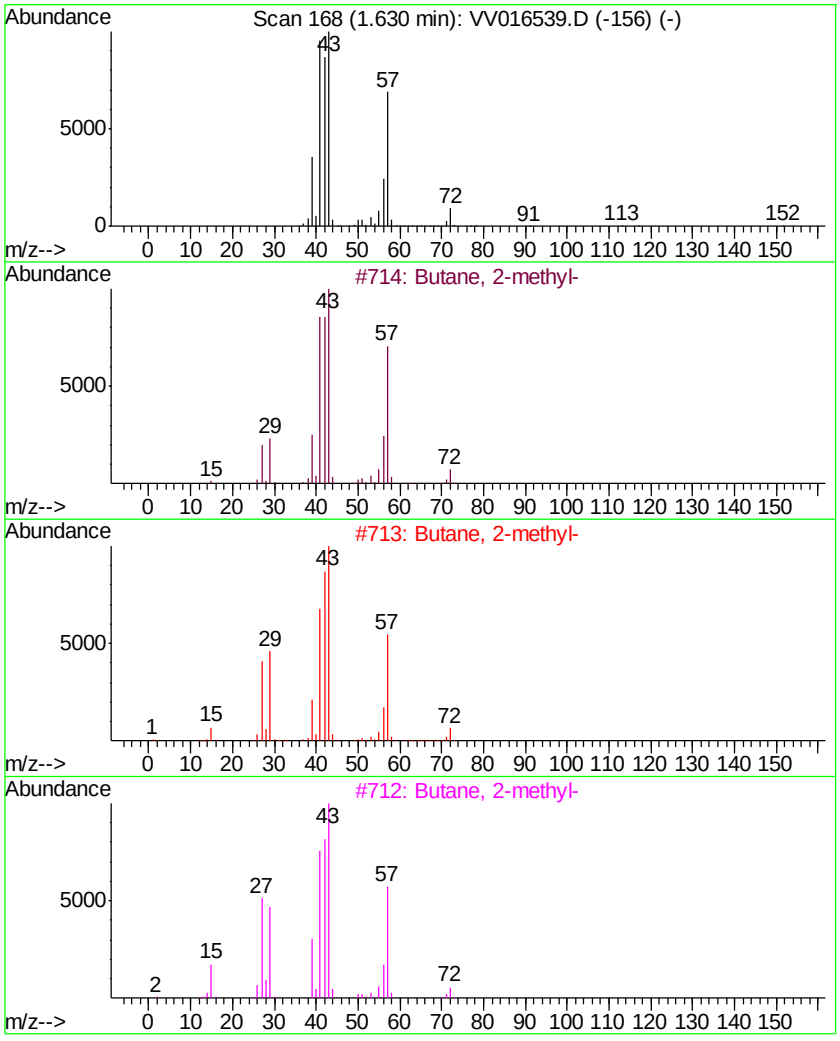
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

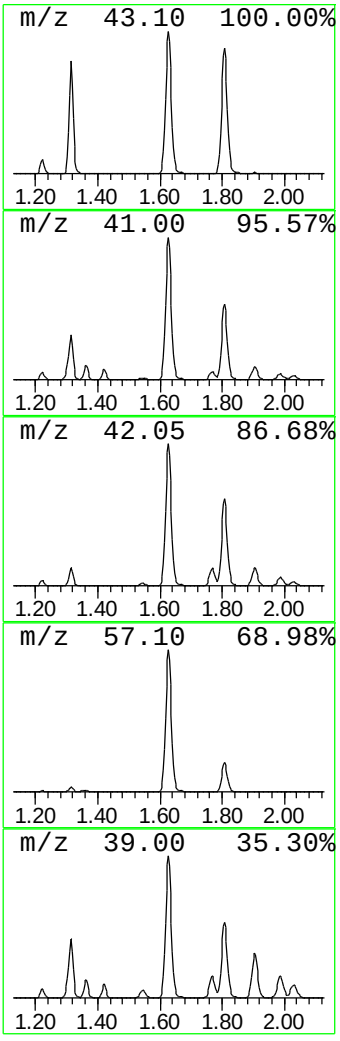
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.63	347.58 ug/L	7604590	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2	Butane, 2-methyl-	72	C5H12	000078-78-4	91
3	Butane, 2-methyl-	72	C5H12	000078-78-4	86
4	3-Buten-1-ol	72	C4H8O	000627-27-0	47
5	Pentane	72	C5H12	000109-66-0	36





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

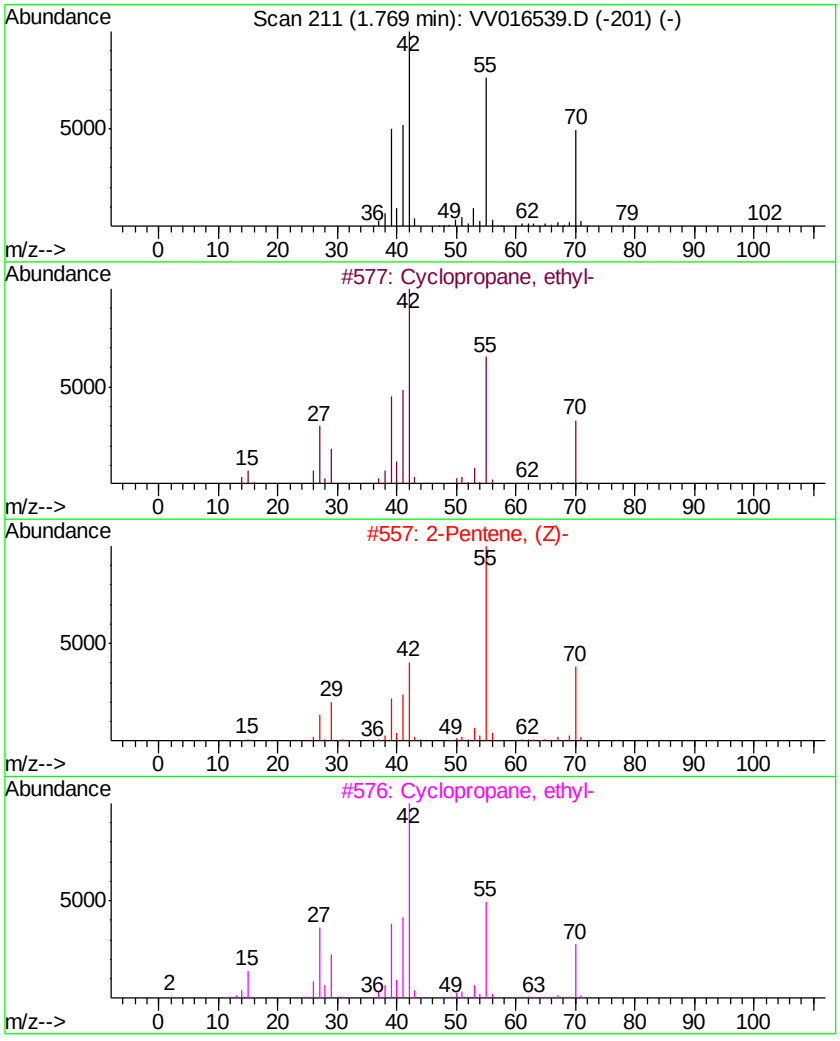
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

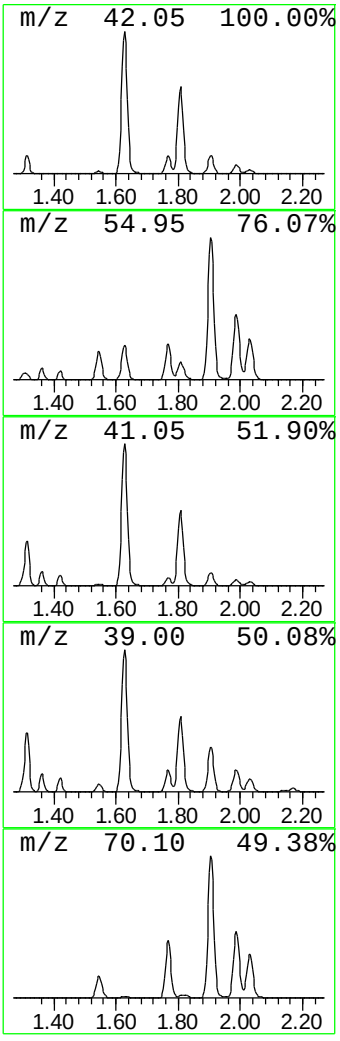
****

Peak Number 4 (DEL) Alkane: Cyclic1.77 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.77	30.65 ug/L	670660	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	87
2	2-Pentene, (Z)-	70	C5H10	000627-20-3	83
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	78
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	70
5	1-Pentene	70	C5H10	000109-67-1	68





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

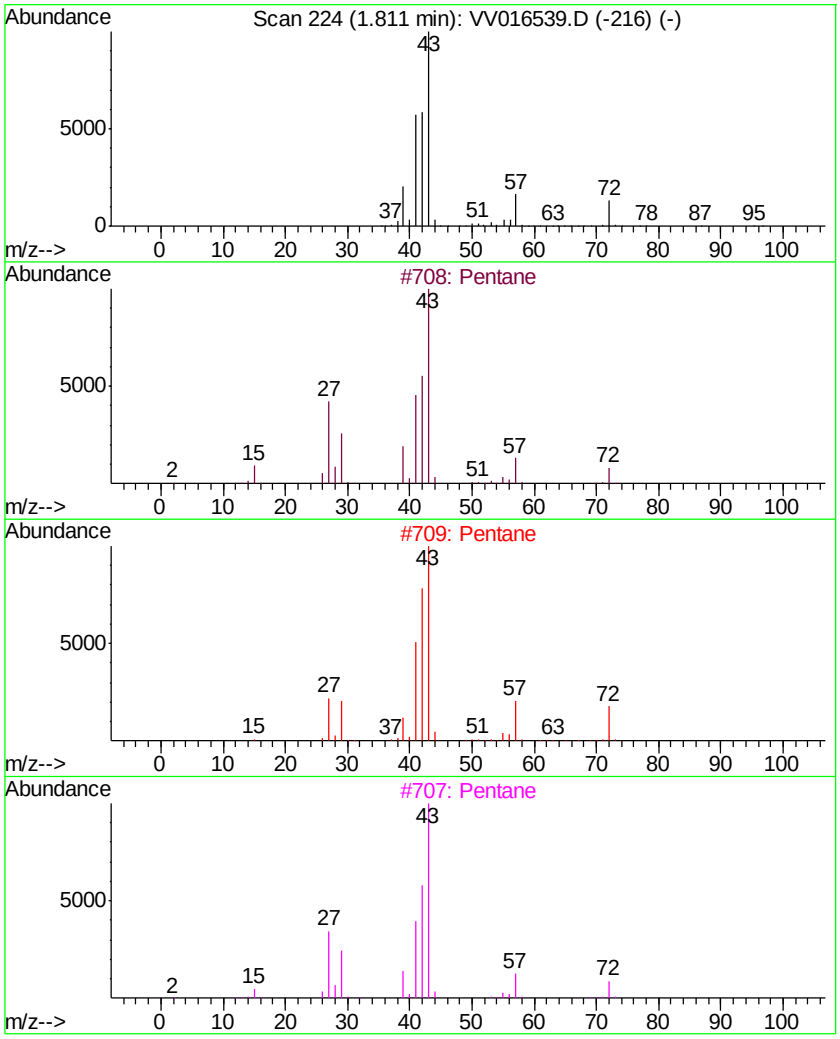
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

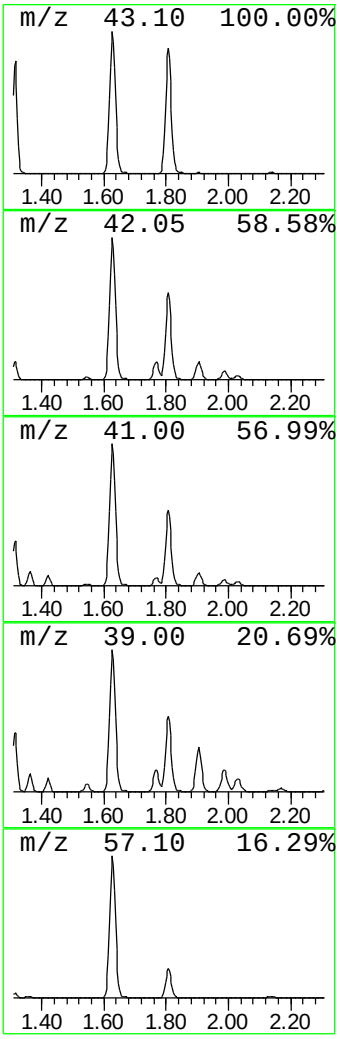
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.81	196.42 ug/L	4297520	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	90
2	Pentane	72	C5H12	000109-66-0	86
3	Pentane	72	C5H12	000109-66-0	86
4	Pentane	72	C5H12	000109-66-0	59
5	Oxirane, ethyl-	72	C4H8O	000106-88-7	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

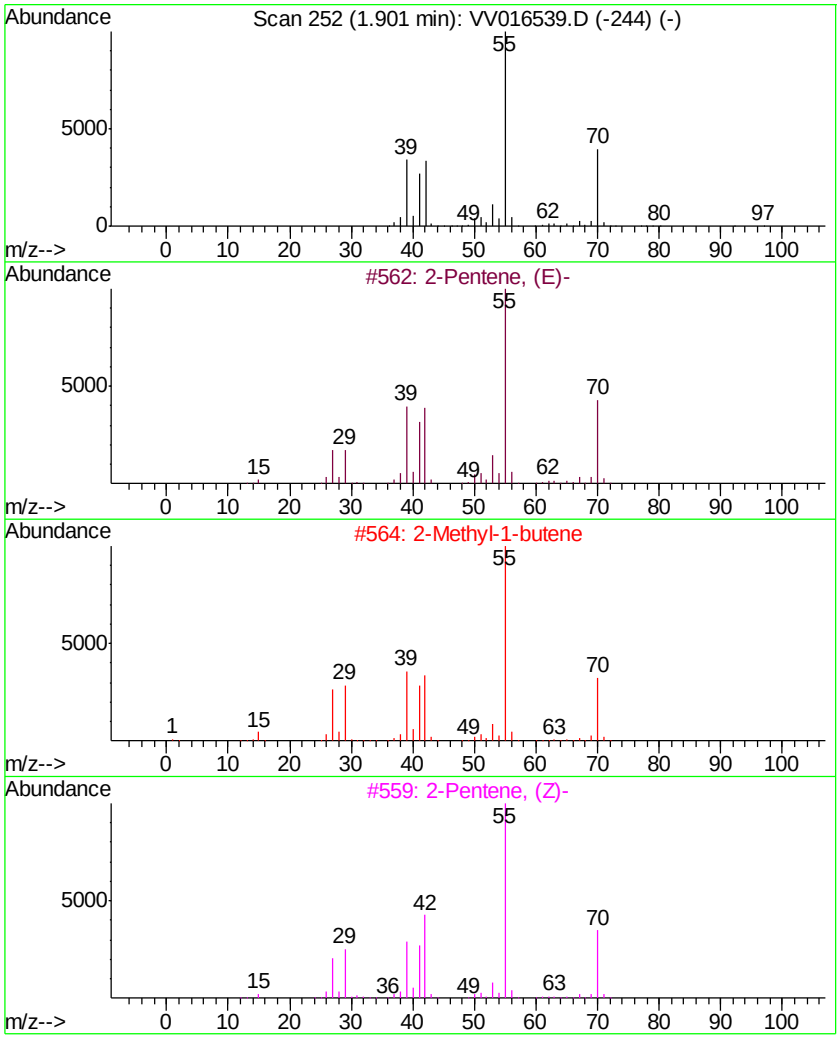
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

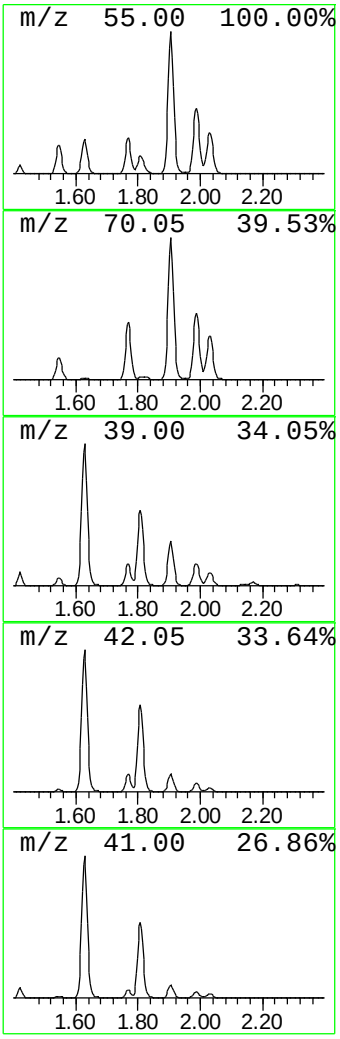
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.90	72.01 ug/L	1575600	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	70	C5H10	000109-68-2	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

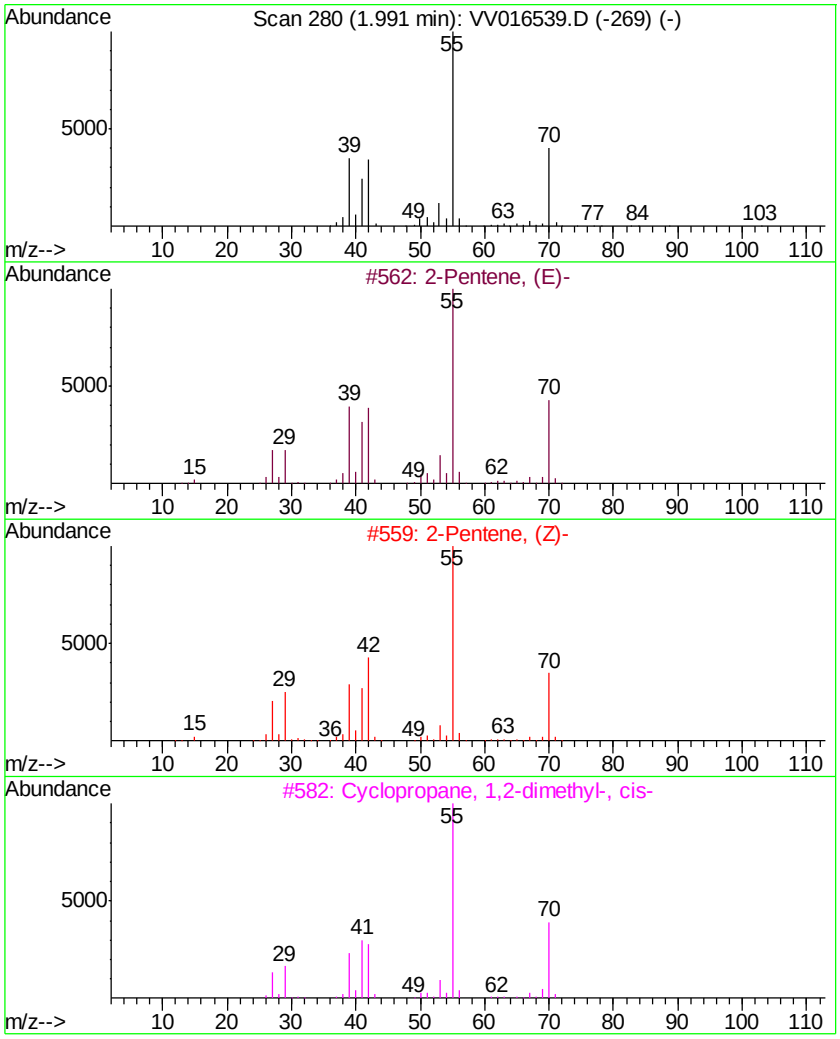
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

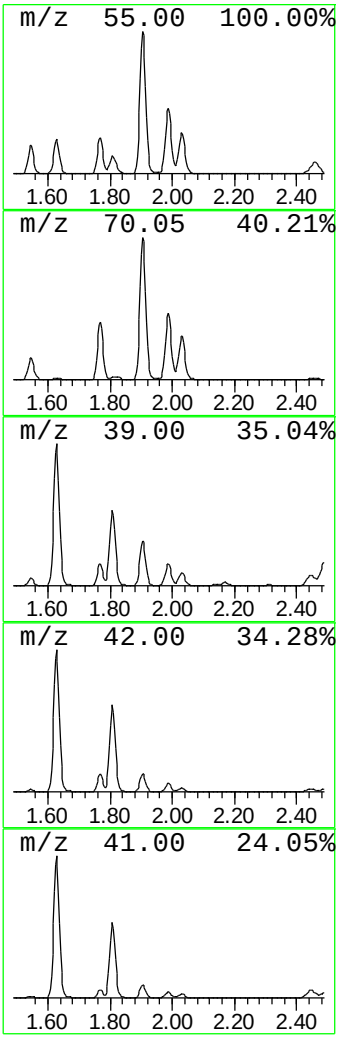
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.99	36.09 ug/L	789507	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, (E)-	70	C5H10	000646-04-8	91
2	2-Pentene, (Z)-	70	C5H10	000627-20-3	90
3	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	87
4	2-Butene, 2-methyl-	70	C5H10	000513-35-9	87
5	2-Methyl-1-butene	70	C5H10	000563-46-2	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

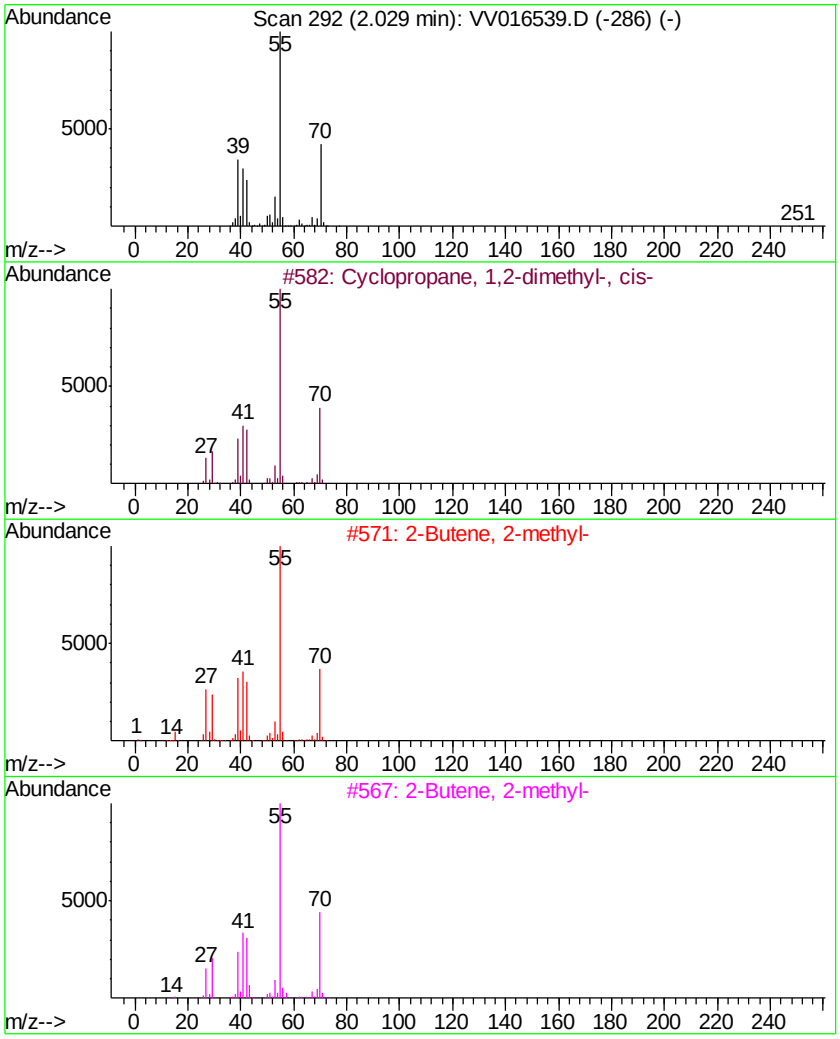
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

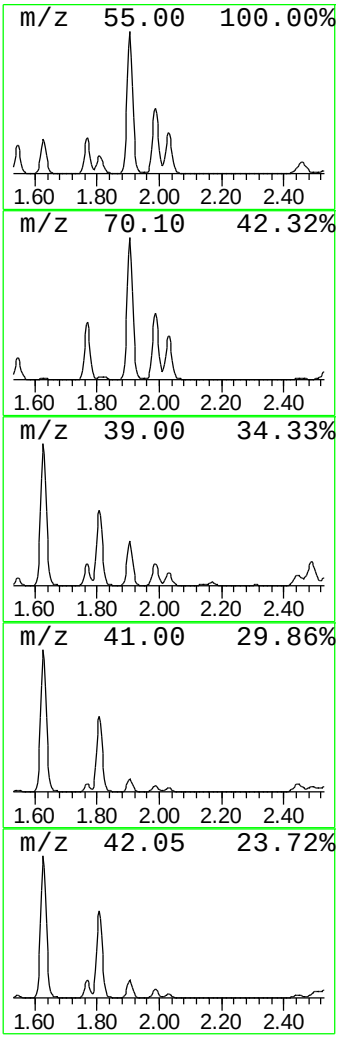
****

Peak Number 8 (DEL) Alkane: Cyclic2.03 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.03	23.78 ug/L	520336	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	91
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	91
3	2-Butene, 2-methyl-	70	C5H10	000513-35-9	90
4	2-Pentene, (E)-	70	C5H10	000646-04-8	87
5	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	86





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

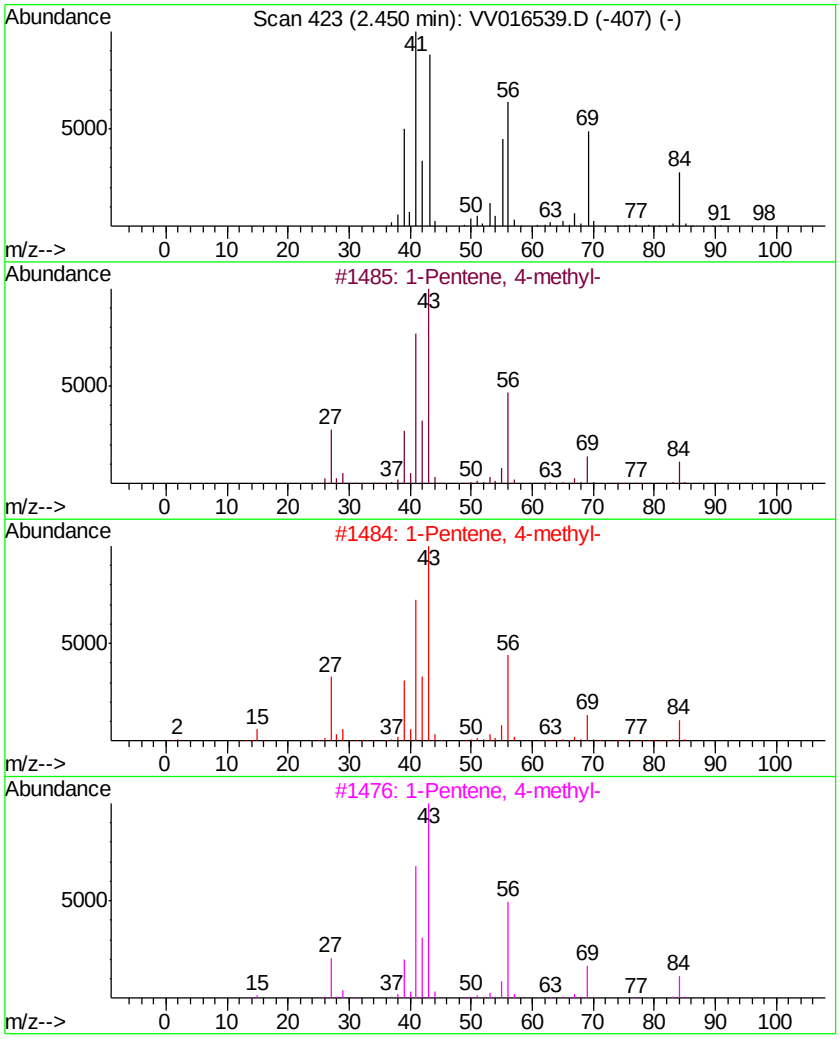
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

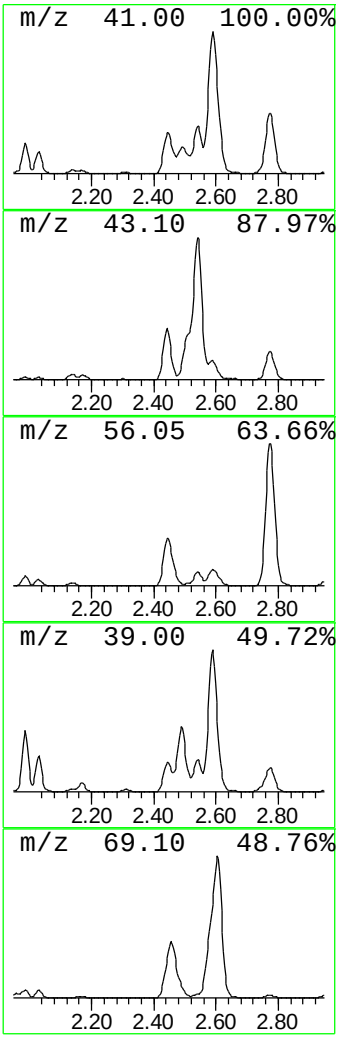
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	30.36 ug/L	664209	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	59
2	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	50
3	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	50
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	49
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	47





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

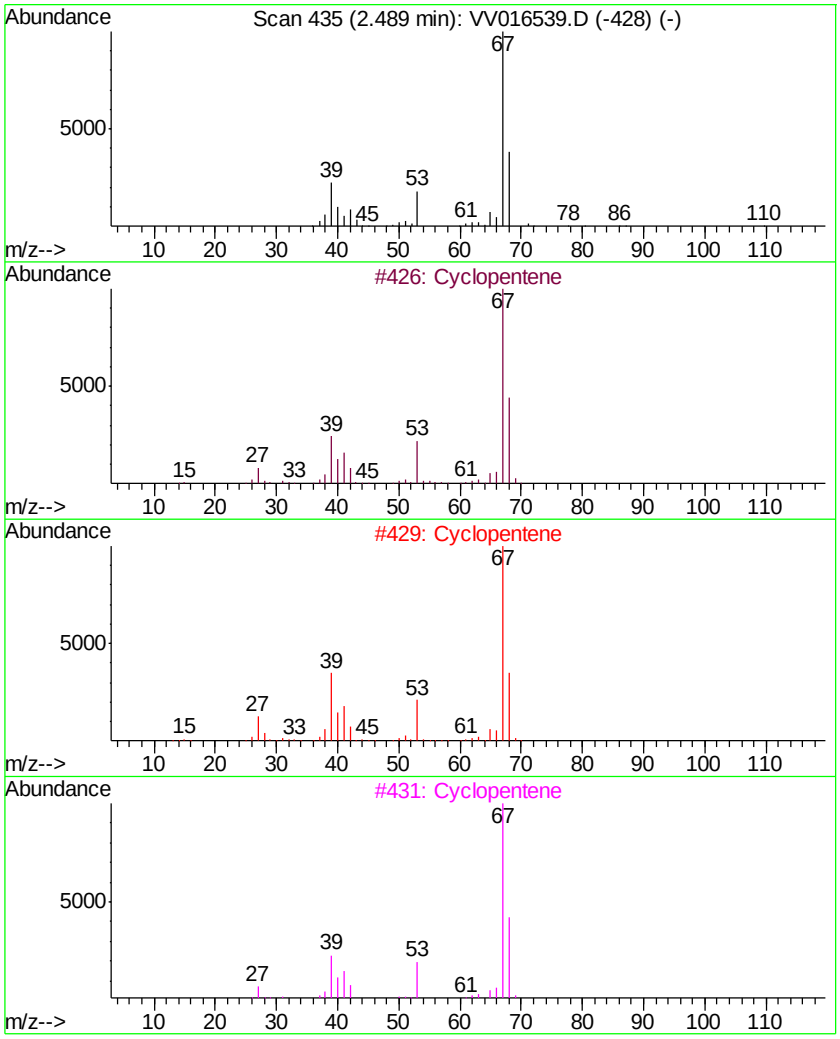
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

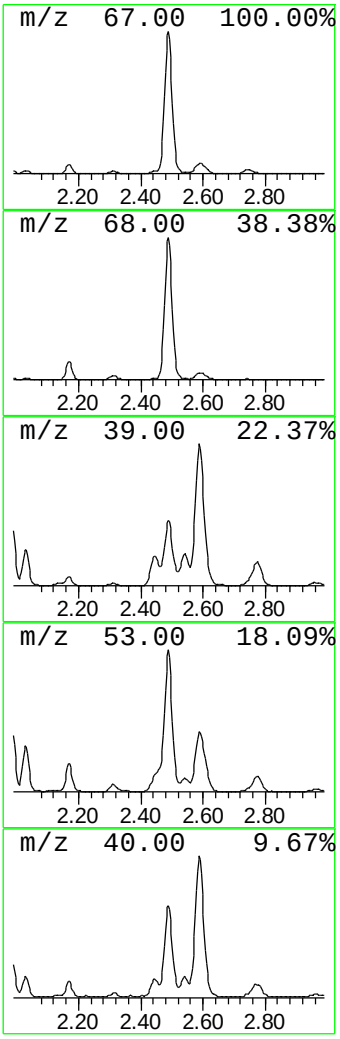
****

Peak Number 10 Cyclopentene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.49	67.76 ug/L	1482500	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene	68	C5H8	000142-29-0	91
2	Cyclopentene	68	C5H8	000142-29-0	91
3	Cyclopentene	68	C5H8	000142-29-0	91
4	Cyclopentene	68	C5H8	000142-29-0	78
5	2,3-Diazabicyclo[2.2.1]-hept-2-ene	96	C5H8N2	002721-32-6	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

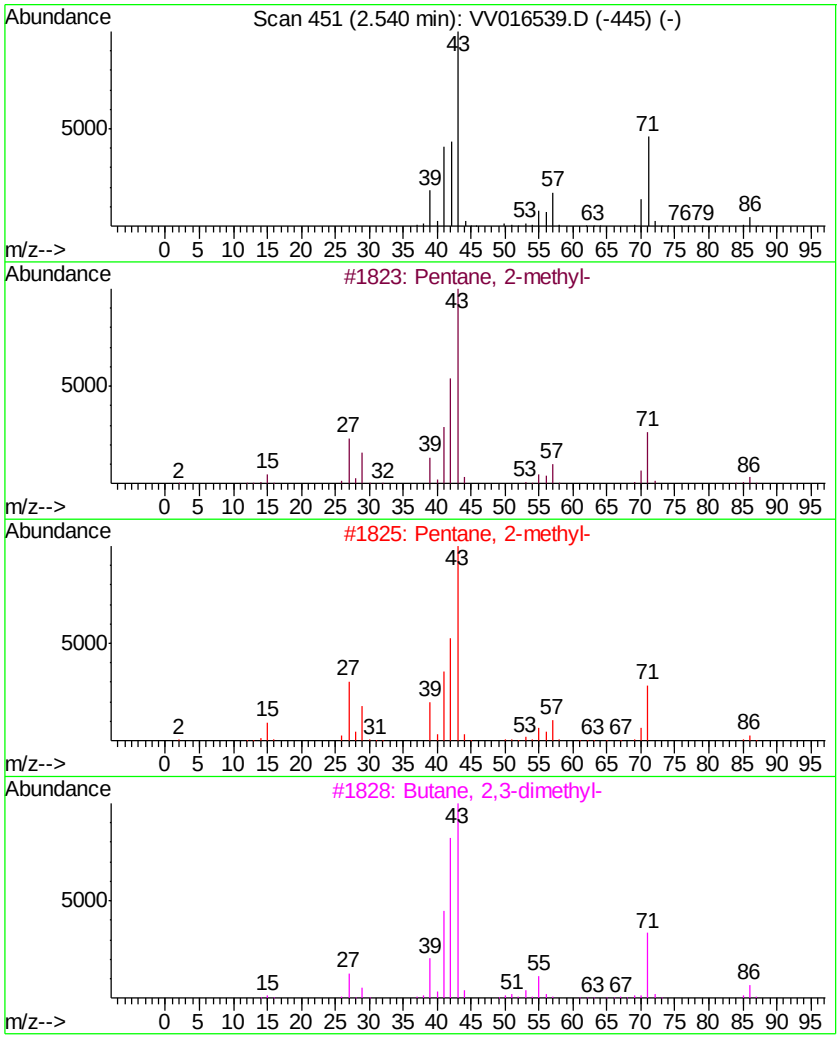
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

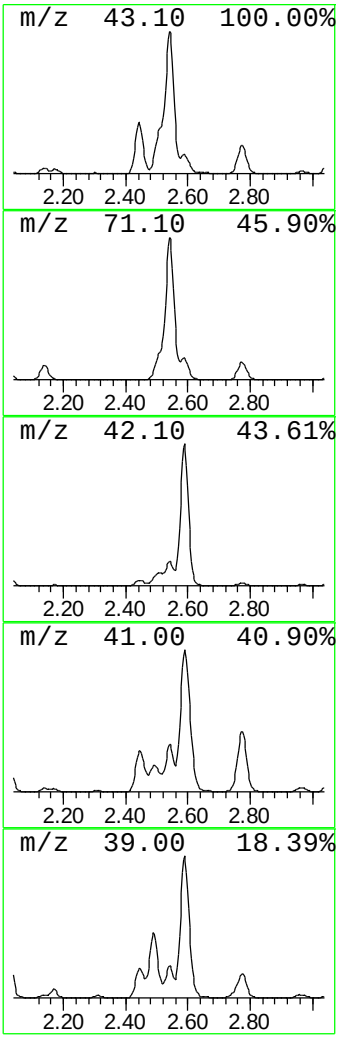
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.54	47.92 ug/L	1048470	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	83
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	47
4	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	47
5	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	28





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

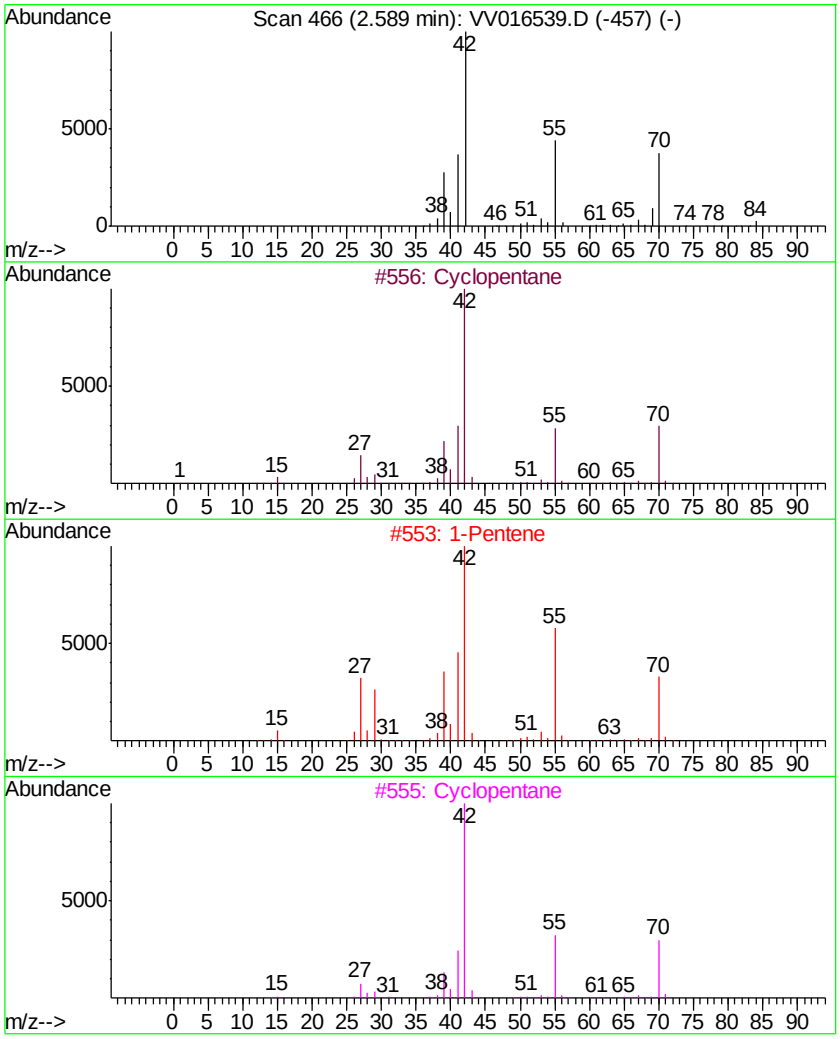
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

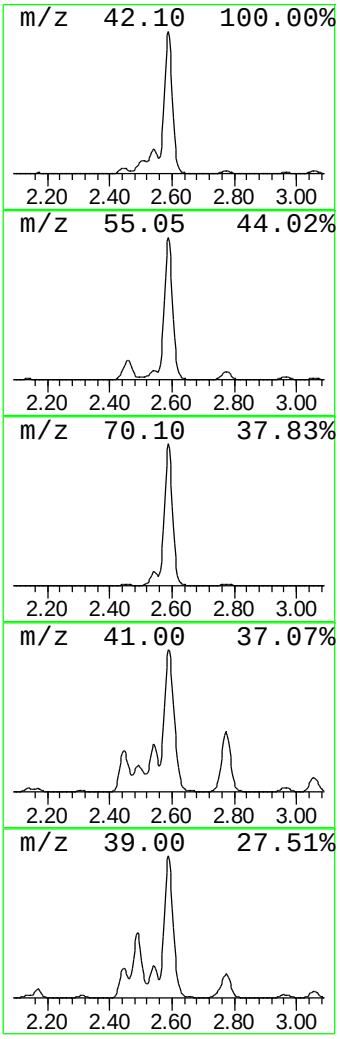
****

Peak Number 12 (DEL) Alkane: Cyclic2.59 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.59	162.20 ug/L	3548700	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	59
5	1-Pentene	70	C5H10	000109-67-1	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

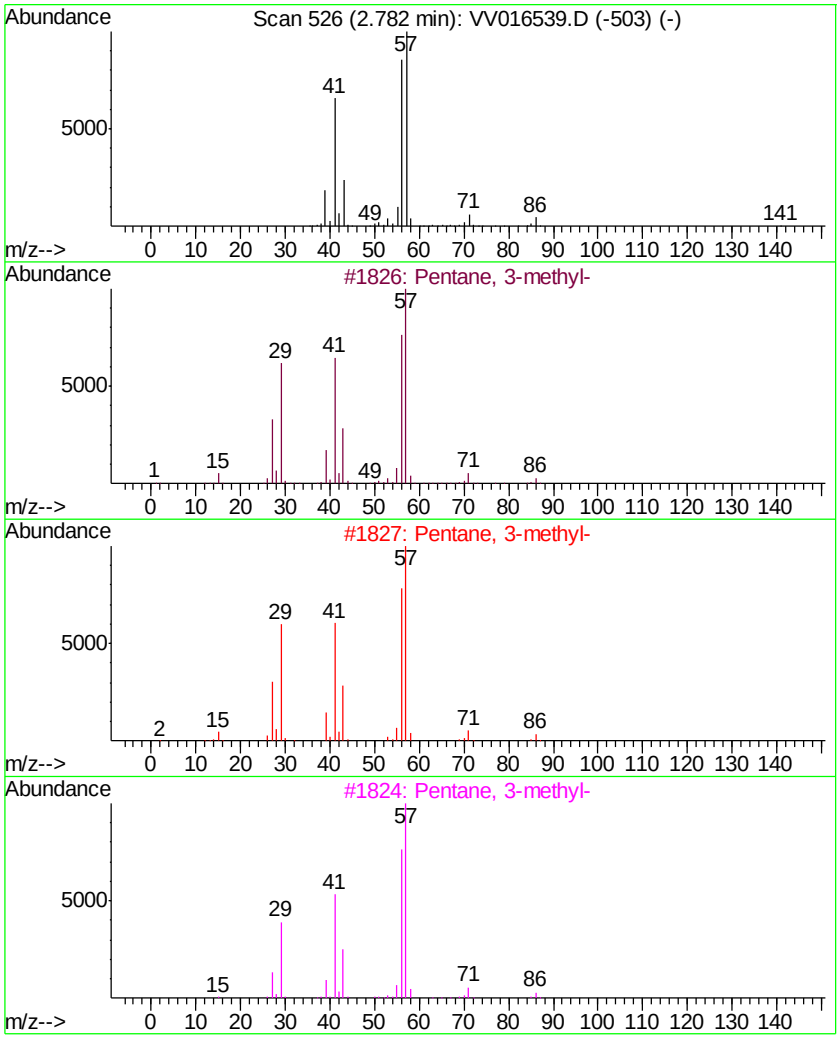
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

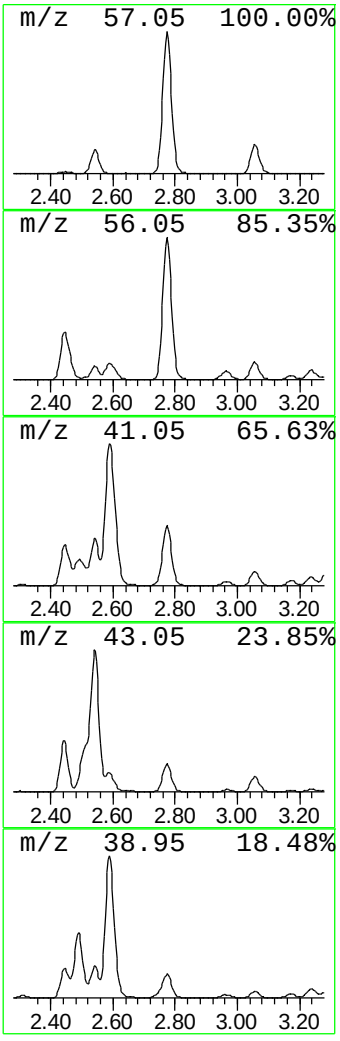
****

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	49.73 ug/L	1087960	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
5	3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

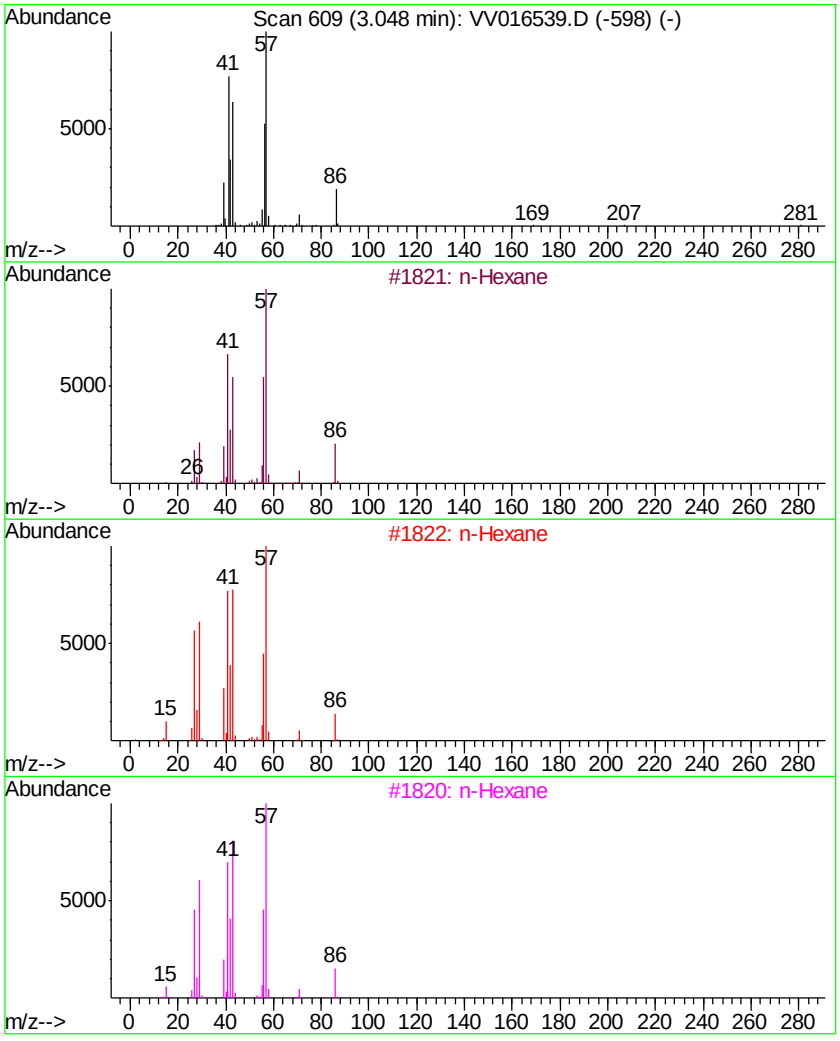
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

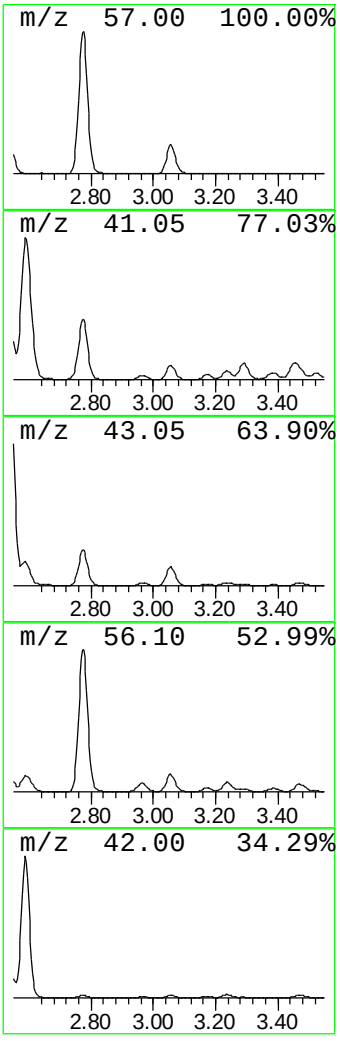
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	11.77 ug/L	257529	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	n-Hexane	86	C6H14	000110-54-3	72
3	n-Hexane	86	C6H14	000110-54-3	64
4	Butanal, 2-methyl-	86	C5H10O	000096-17-3	43
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

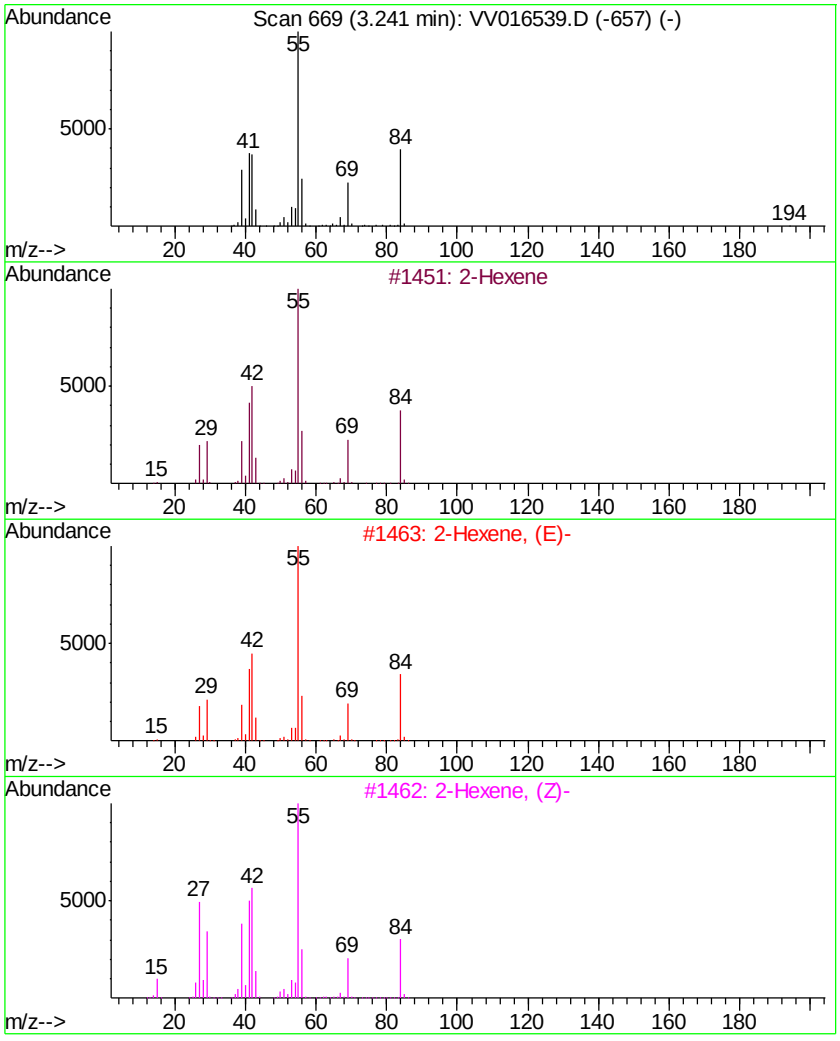
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

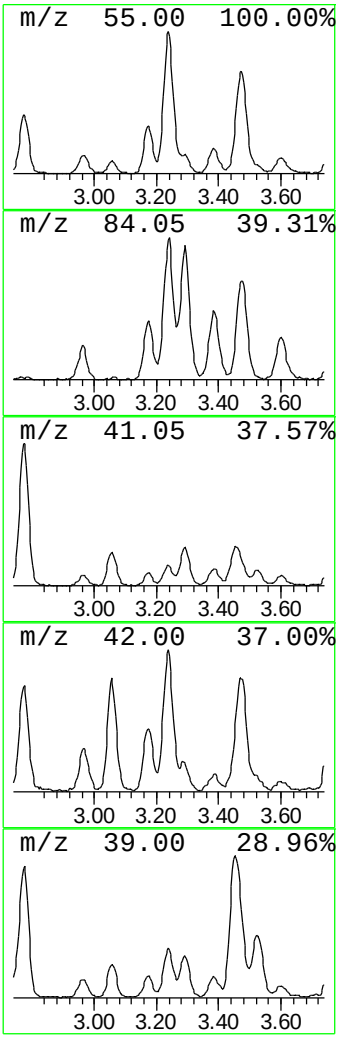
****

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	12.26 ug/L	268314	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene	84	C6H12	000592-43-8	91
2	2-Hexene, (E)-	84	C6H12	004050-45-7	91
3	2-Hexene, (Z)-	84	C6H12	007688-21-3	91
4	2-Hexene	84	C6H12	000592-43-8	90
5	3-Hexene, (Z)-	84	C6H12	007642-09-3	87





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

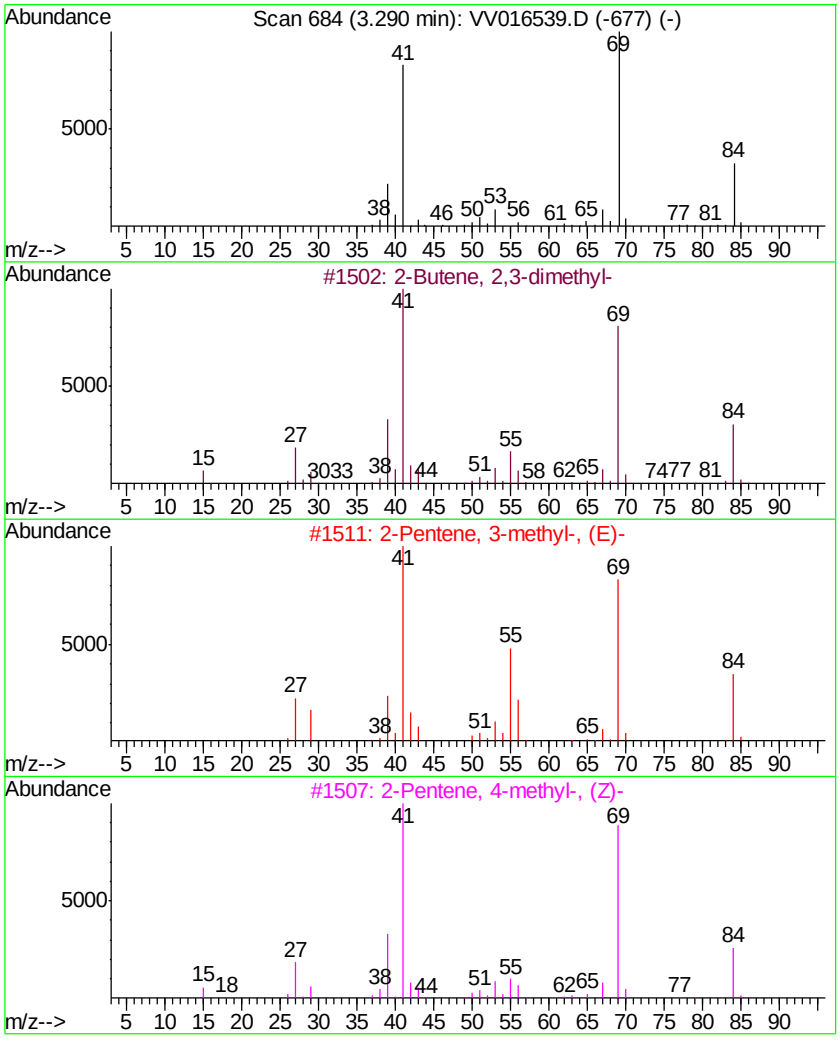
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

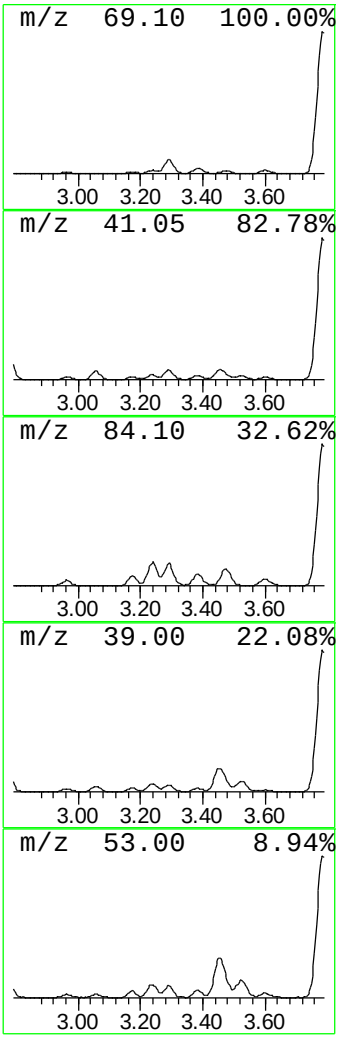
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	10.48 ug/L	229370	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	90
2	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	90
3	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	90
4	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	90
5	3-Penten-2-one, (E)-	84	C5H8O	003102-33-8	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

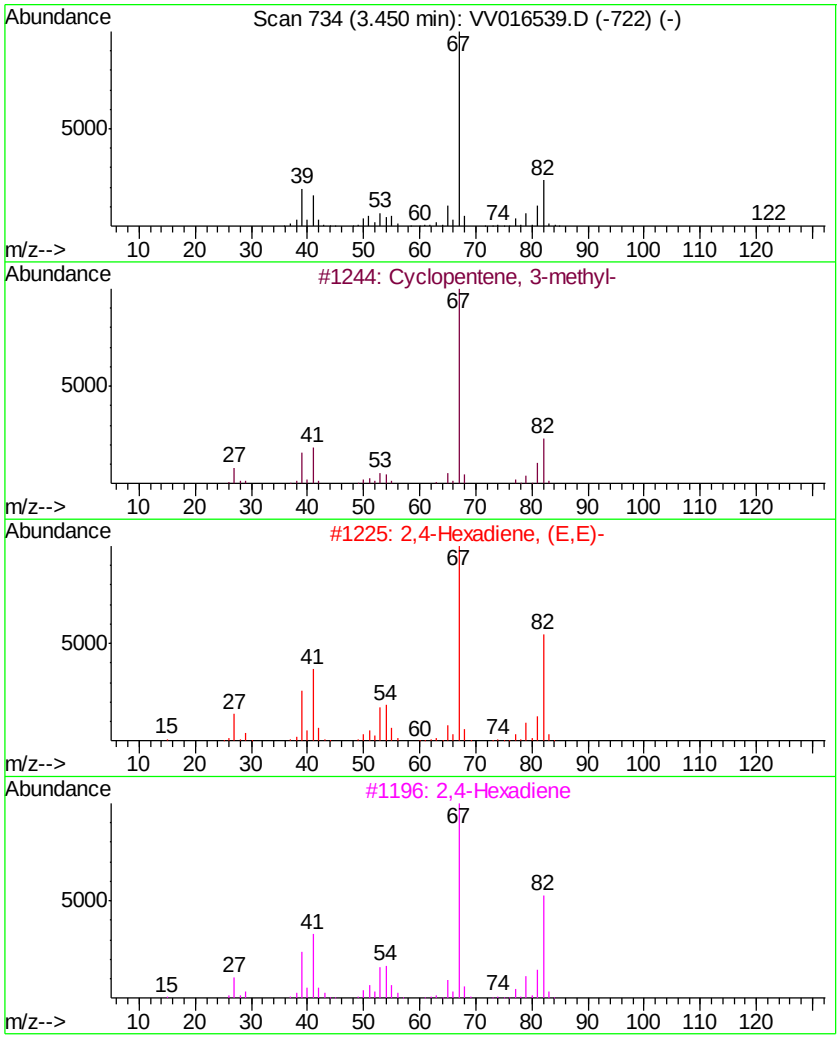
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

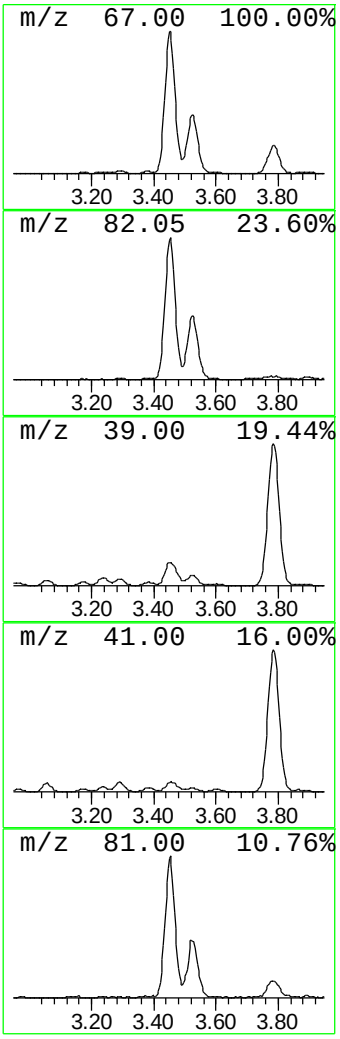
****

Peak Number 17 Cyclopentene, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.45	46.45 ug/L	1016240	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, (E,E)-	82	C6H10	005194-51-4	90
3	2,4-Hexadiene	82	C6H10	000592-46-1	90
4	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	90
5	Isopropenylcyclopropane	82	C6H10	004663-22-3	90





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

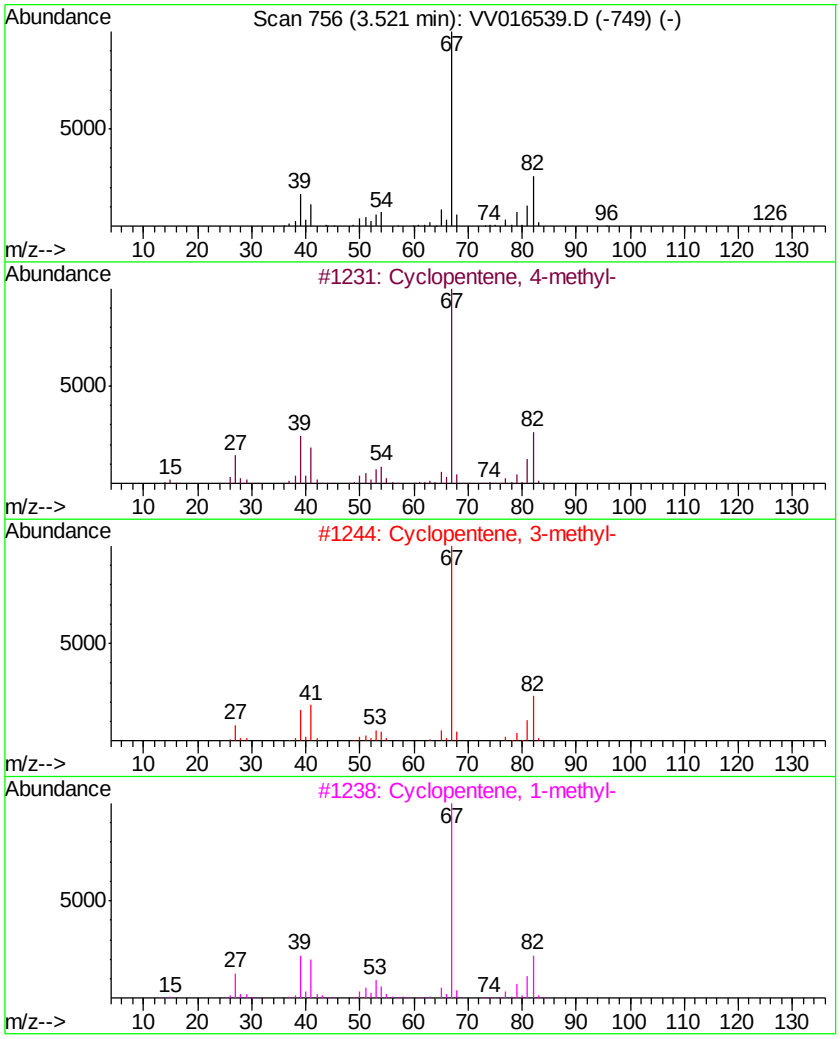
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

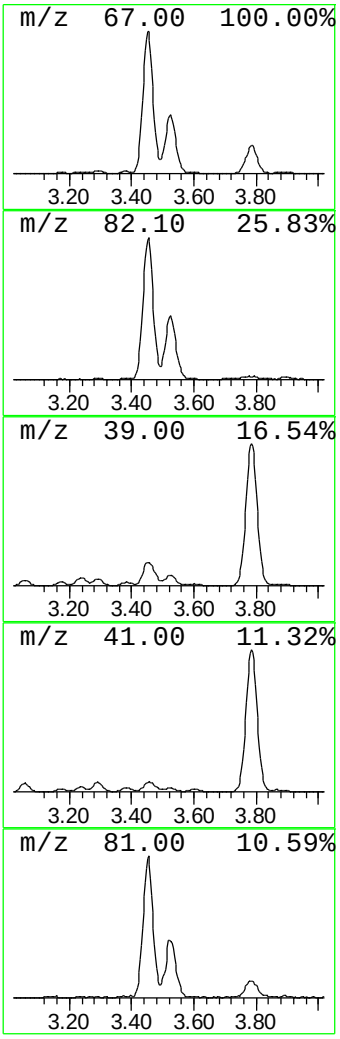
****

Peak Number 18 Cyclopentene, 4-methyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.52	16.50 ug/L	360905	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	91
2	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	91
3	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	87
4	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	83
5	Cyclopropane, 1,1-dimethyl-2-met...	82	C6H10	004372-94-5	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

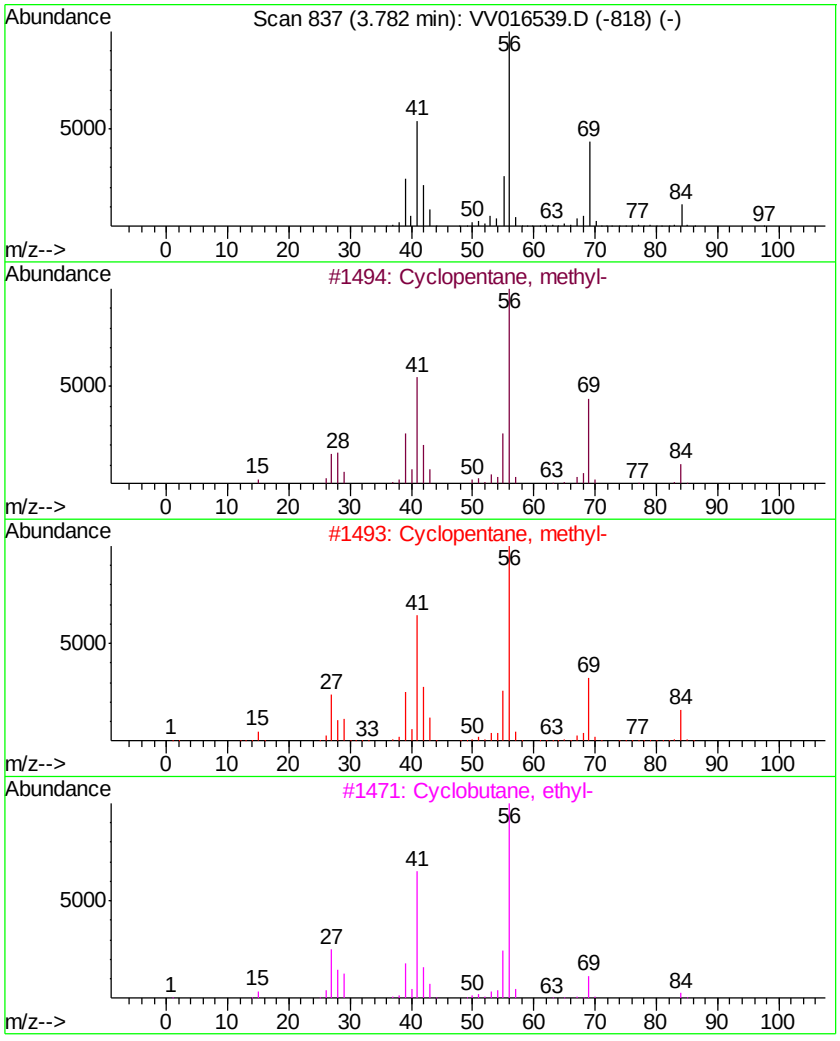
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

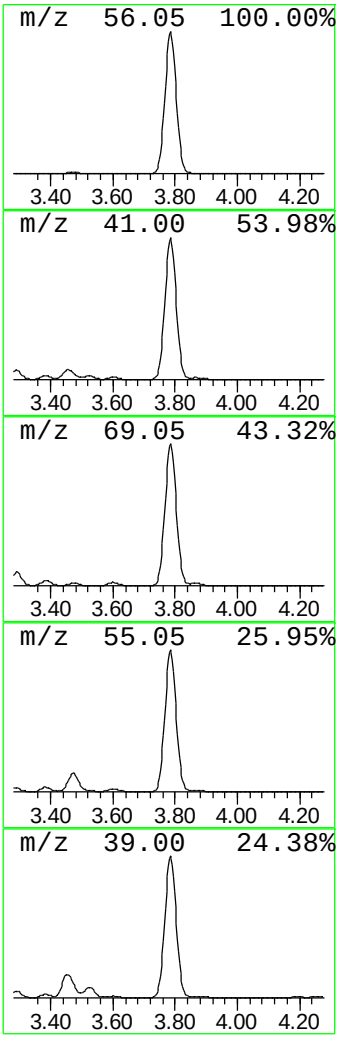
****

Peak Number 19 (DEL) Alkane: Cyclic3.78 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	286.22 ug/L	6262140	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	Cyclobutane, ethyl-	84	C6H12	004806-61-5	80
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

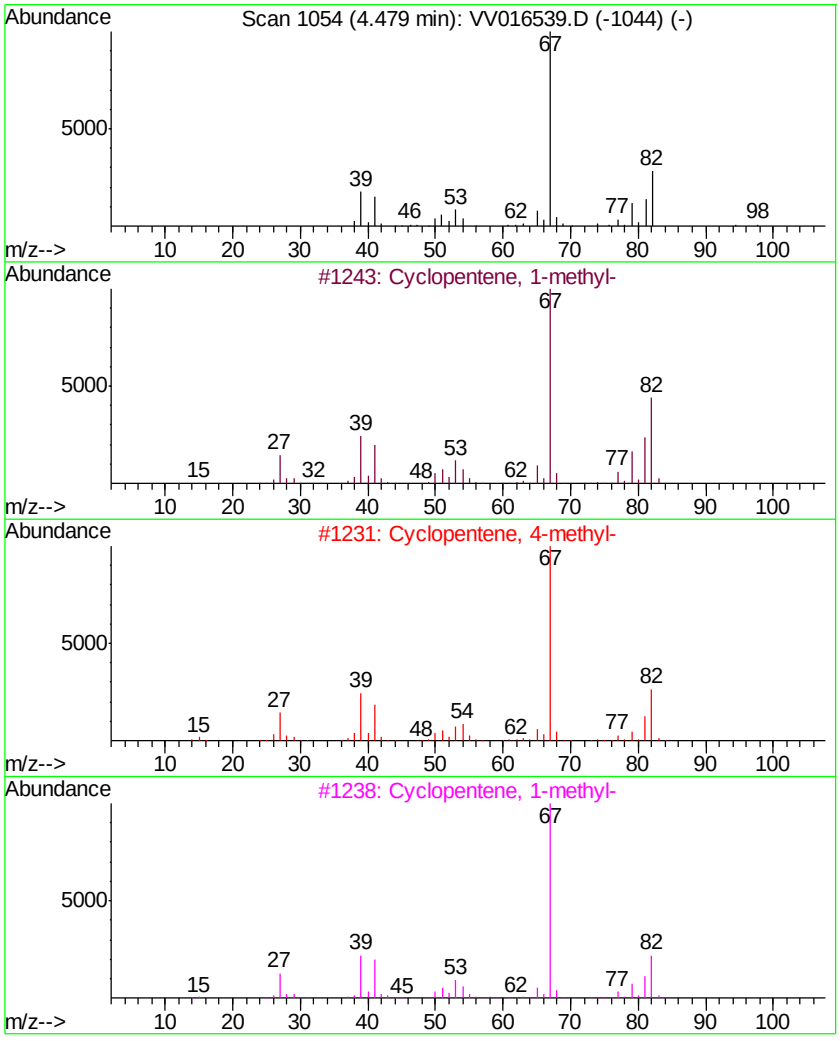
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

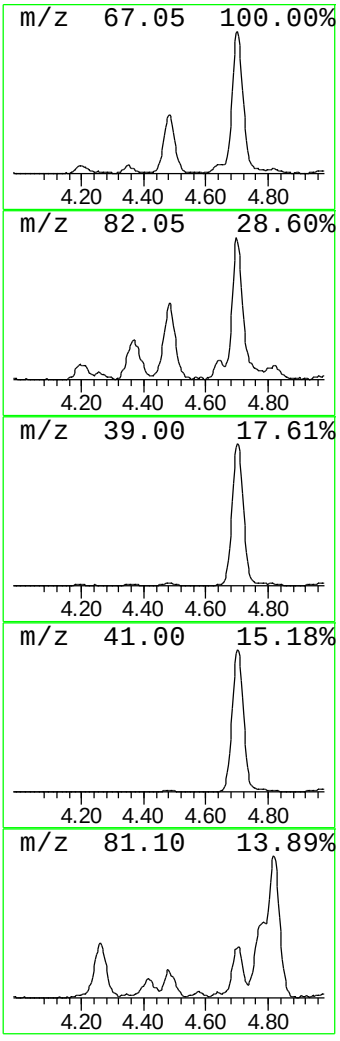
****

Peak Number 20 Cyclopentene, 1-methyl- Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.48	6.61 ug/L	144539	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	87
2	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	86
3	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	83
4	Cyclopentane, methylene-	82	C6H10	001528-30-9	80
5	Cyclopentane, methylene-	82	C6H10	001528-30-9	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

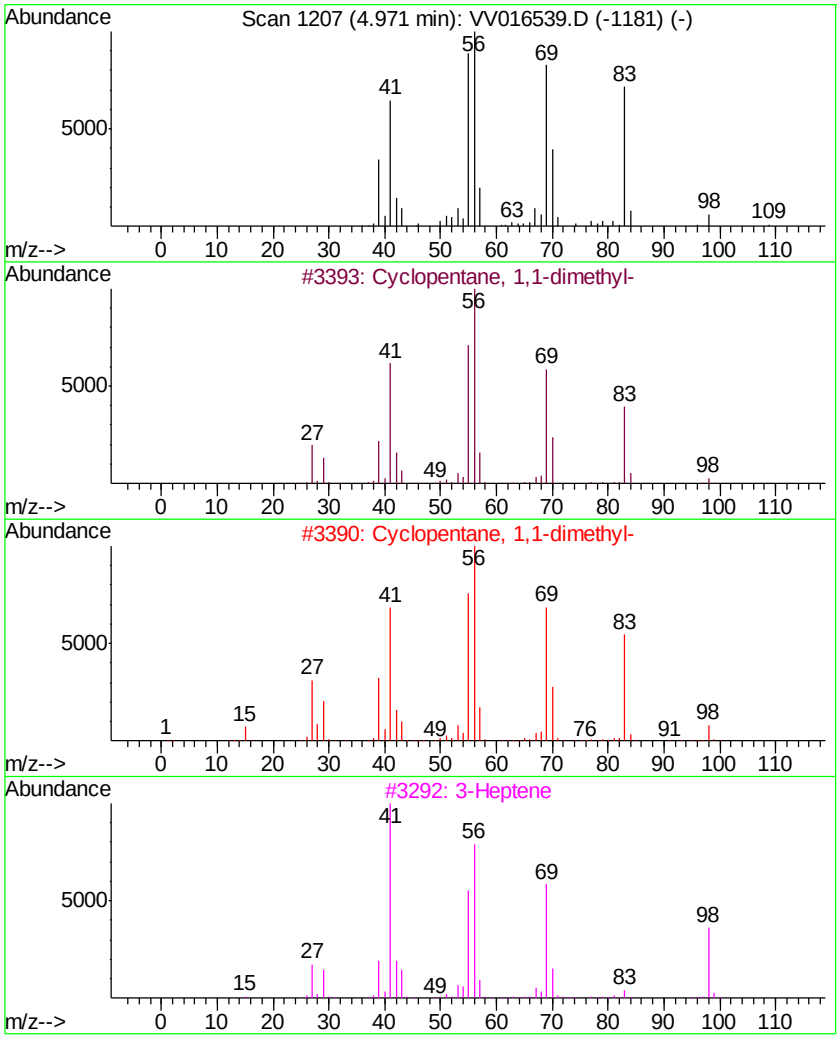
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

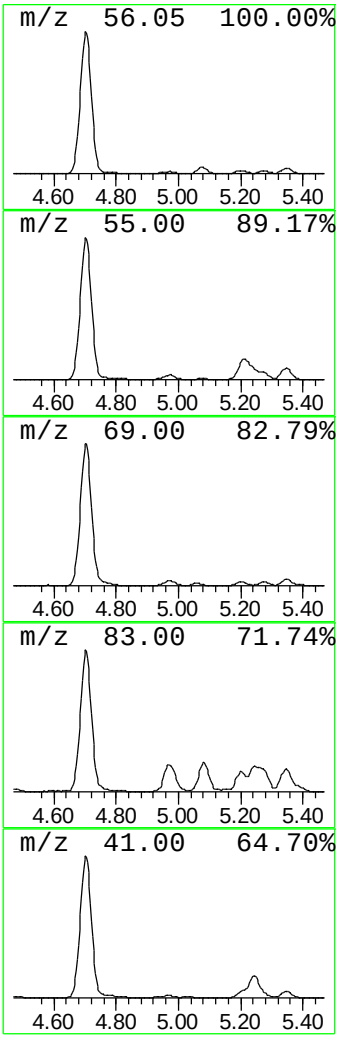
****

Peak Number 21 (DEL) Alkane: Cyclic4.97 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	9.29 ug/L	203276	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	94
2	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	72
3	3-Heptene	98	C7H14	000592-78-9	64
4	4-Pentenal, 2-methyl-	98	C6H10O	005187-71-3	64
5	1-Octene, 7-methyl-	126	C9H18	013151-06-9	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

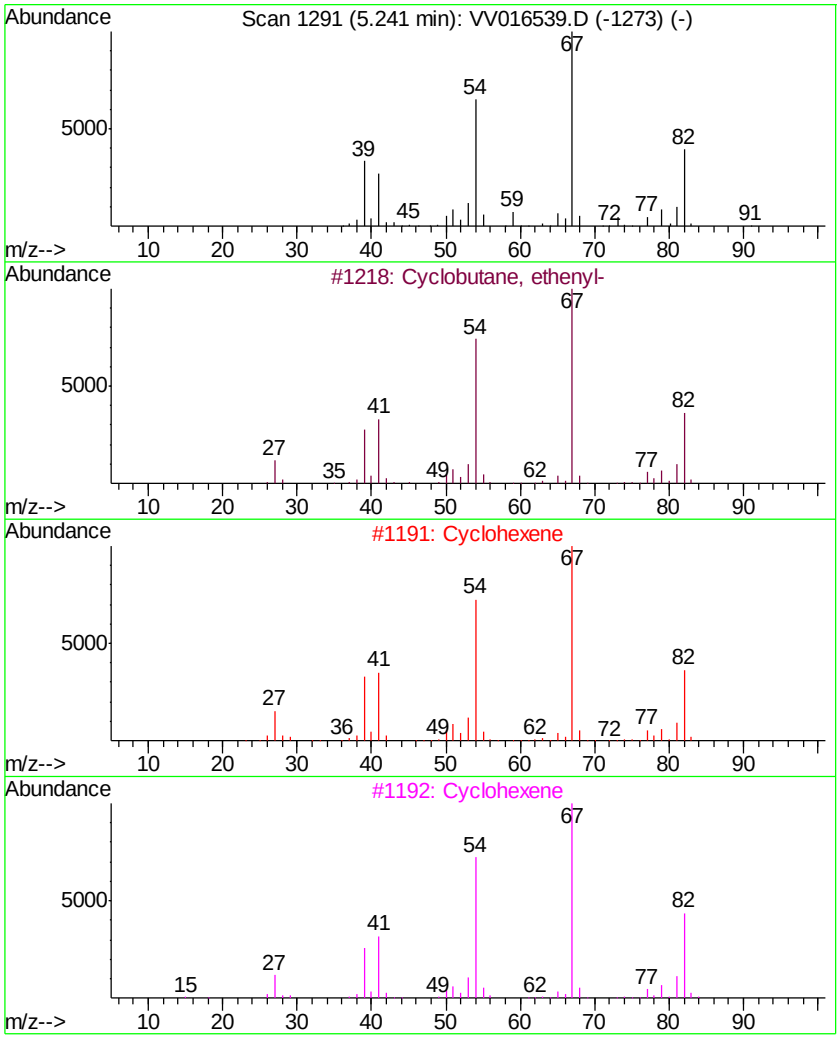
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

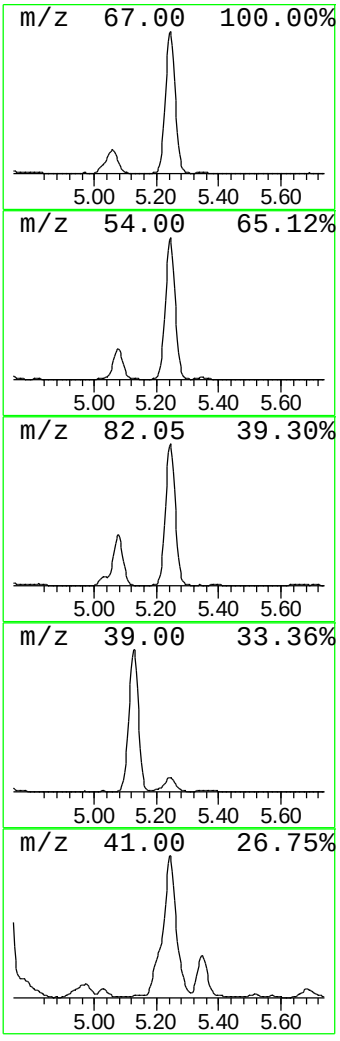
****

Peak Number 22 Cyclobutane, ethenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	118.51 ug/L	2592810	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	93
2	Cyclohexene	82	C6H10	000110-83-8	90
3	Cyclohexene	82	C6H10	000110-83-8	90
4	Cyclohexene	82	C6H10	000110-83-8	87
5	Ethylidenecyclobutane	82	C6H10	001528-21-8	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

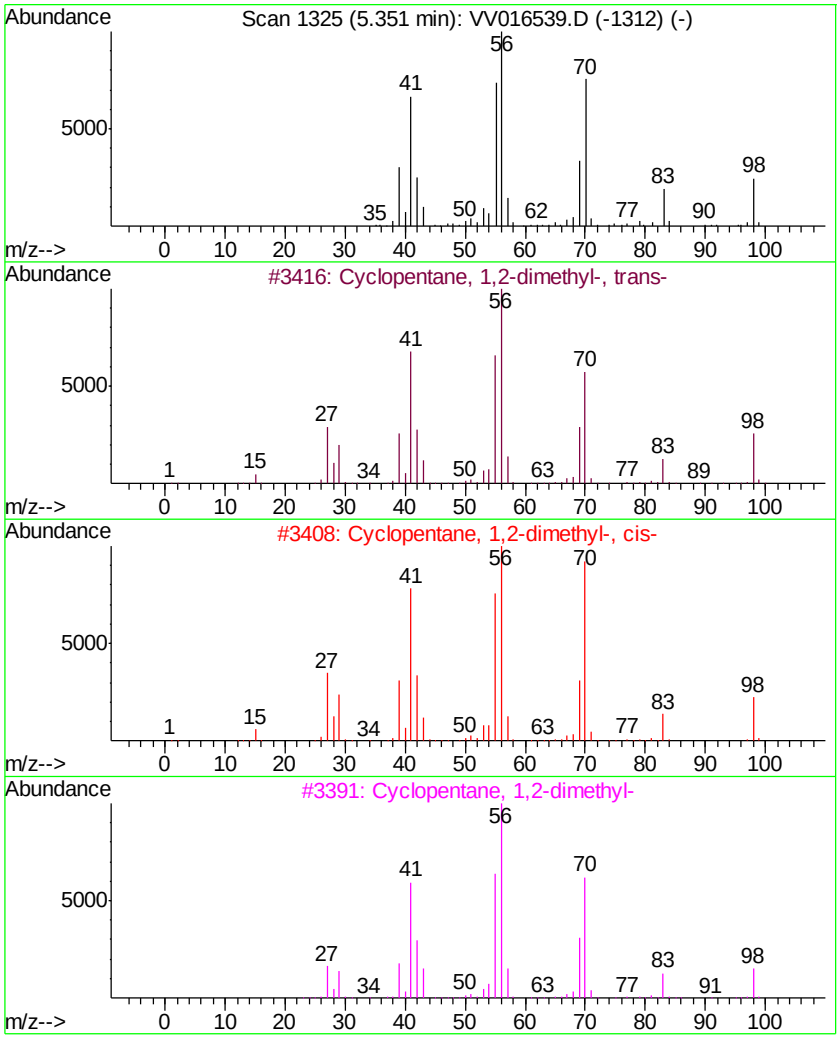
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

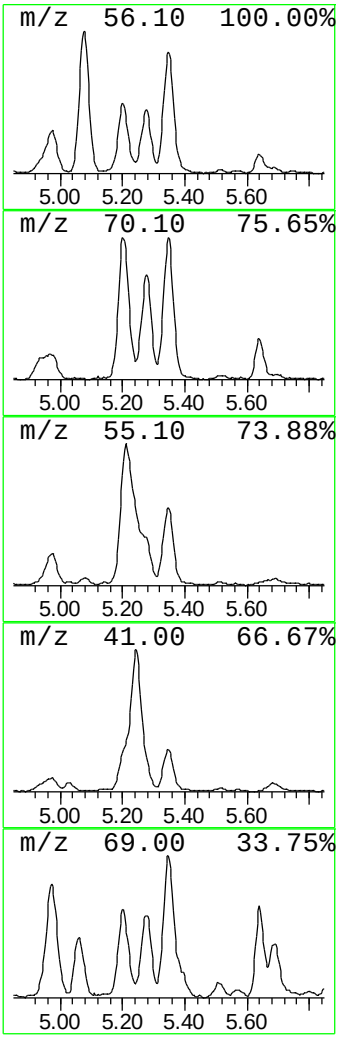
****

Peak Number 23 (DEL) Alkane: Cyclic5.35 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.35	14.79 ug/L	323484	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	94
2	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	91
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	90
4	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	86
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

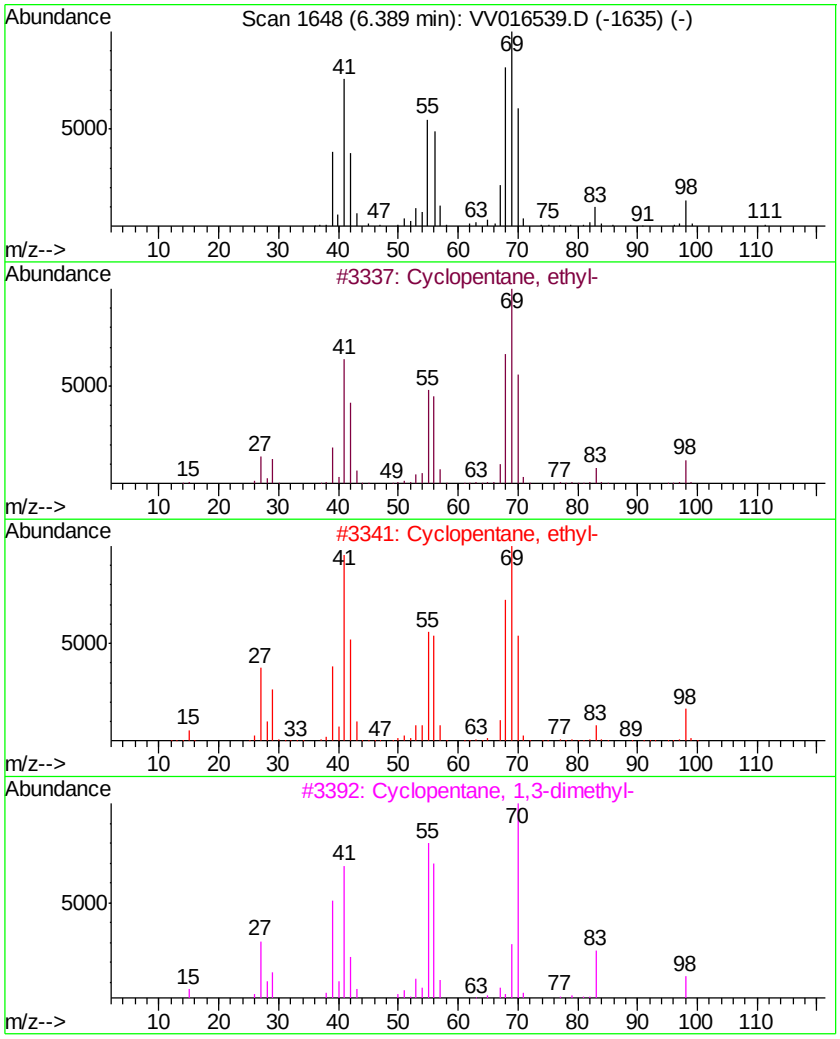
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

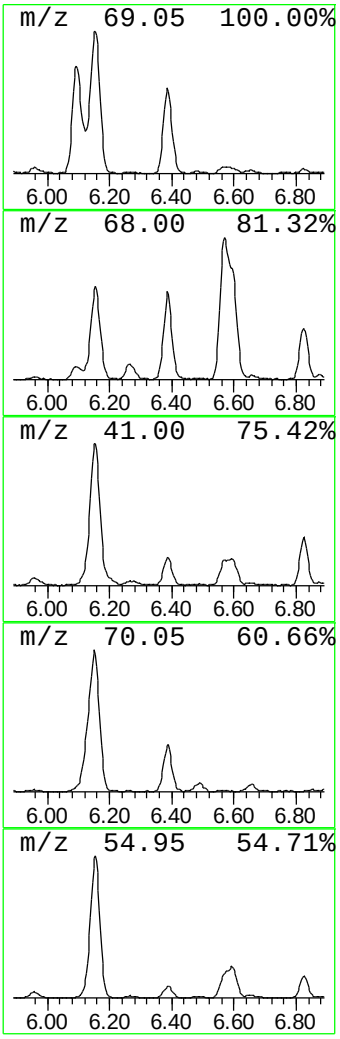
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Cyclic6.39 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	7.41 ug/L	162164	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	95
2	Cyclopentane, ethyl-	98	C7H14	001640-89-7	64
3	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	41
4	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	38
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	30





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

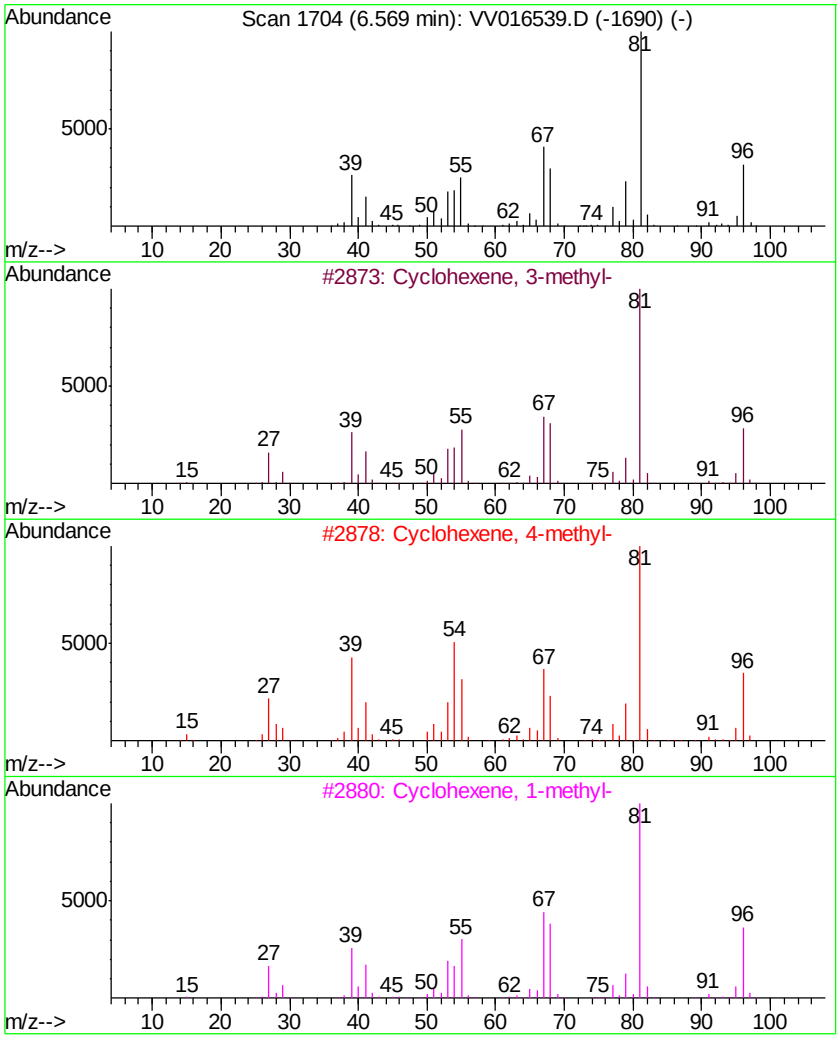
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

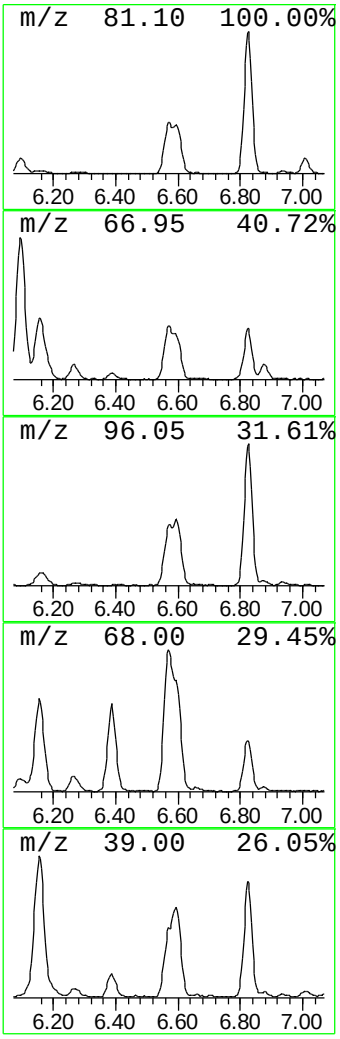
****

Peak Number 25 Cyclohexene, 3-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	19.26 ug/L	421444	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	95
2	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	90
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





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

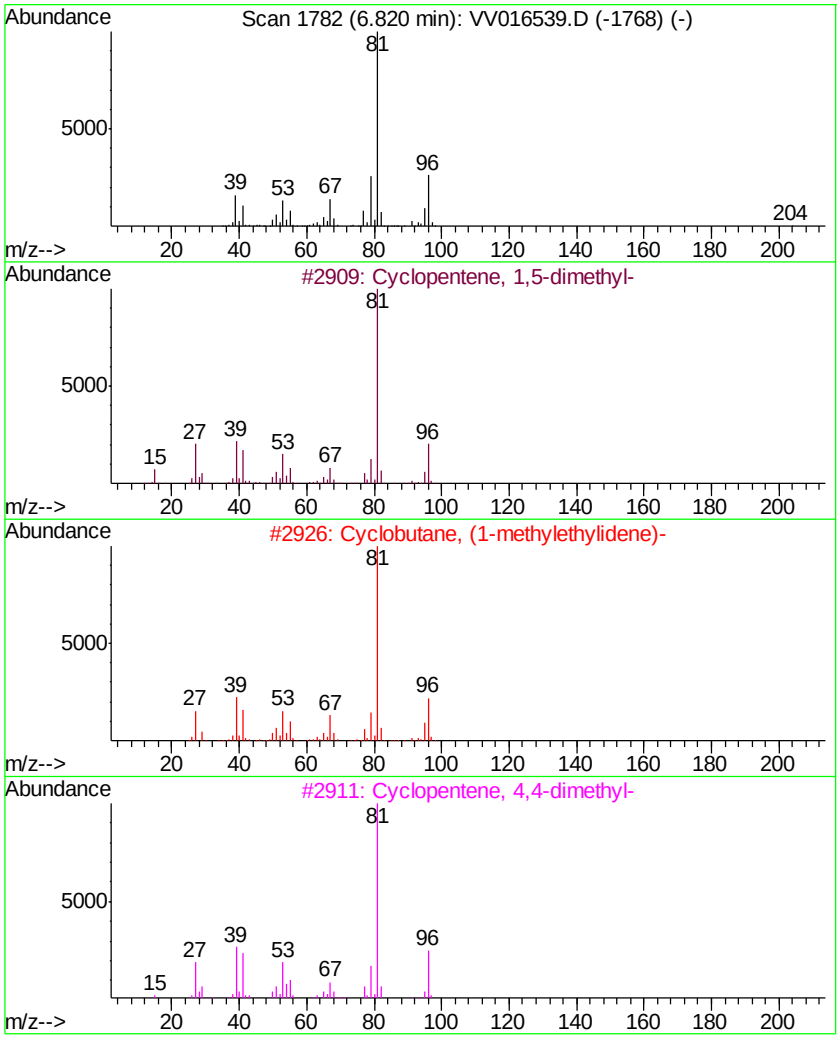
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

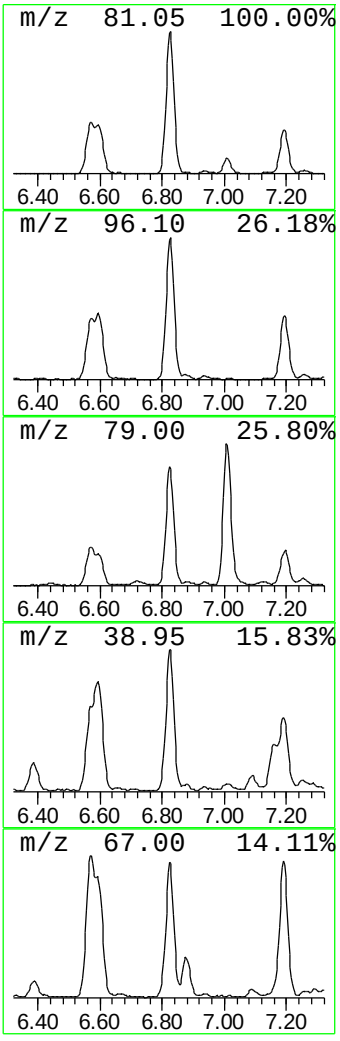
****

Peak Number 26 Cyclopentene, 1,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	42.01 ug/L	919065	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	90
4	Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	86
5	Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

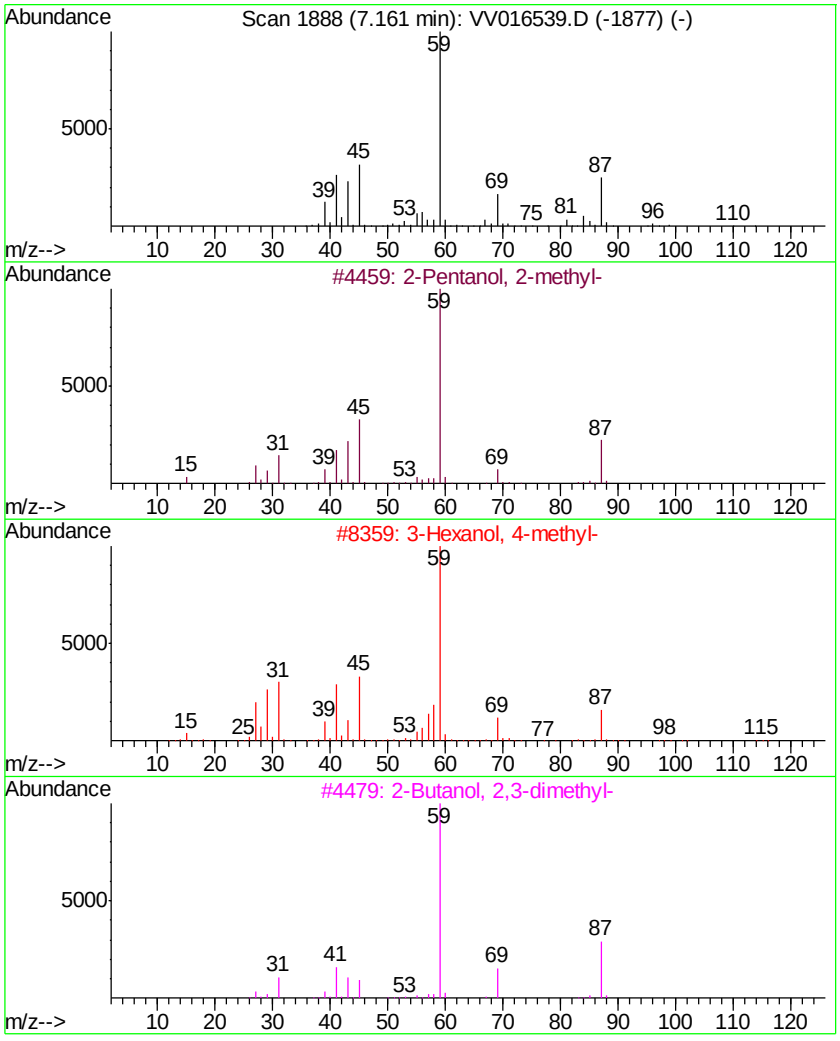
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

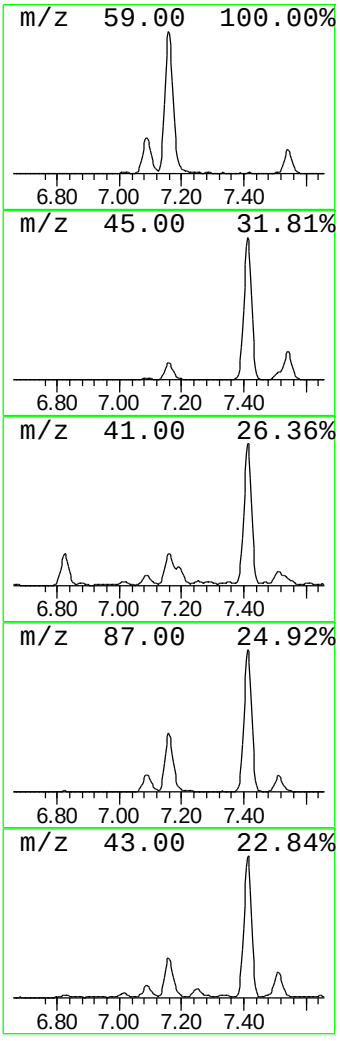
****

Peak Number 28 2-Pentanol, 2-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	16.10 ug/L	352149	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	83
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	72
3	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	72
4	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	64
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

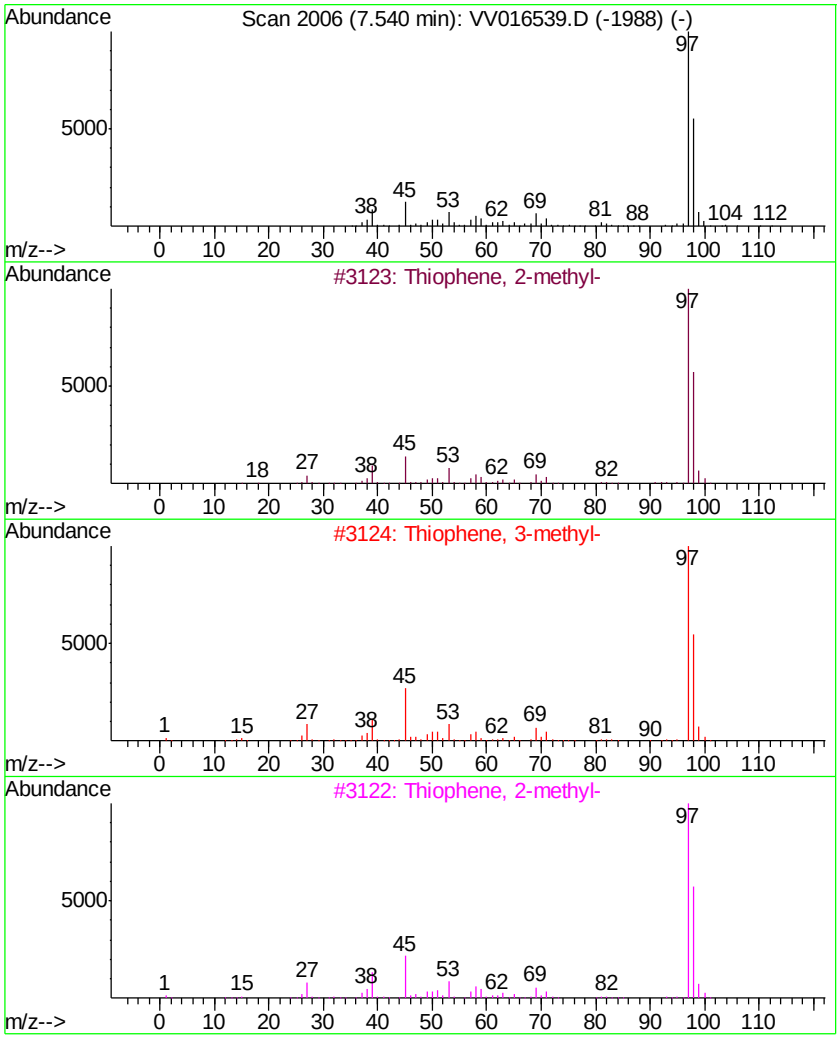
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

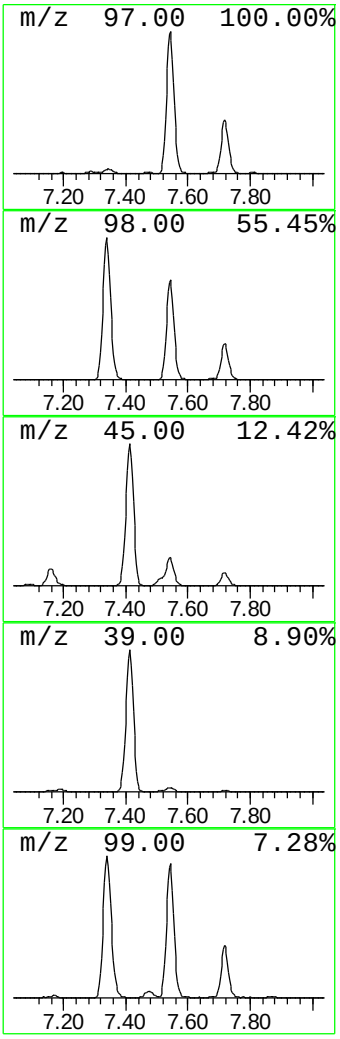
****

Peak Number 29 Thiophene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	70.73 ug/L	1594280	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	95
2	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91
3	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	91
4	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91
5	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

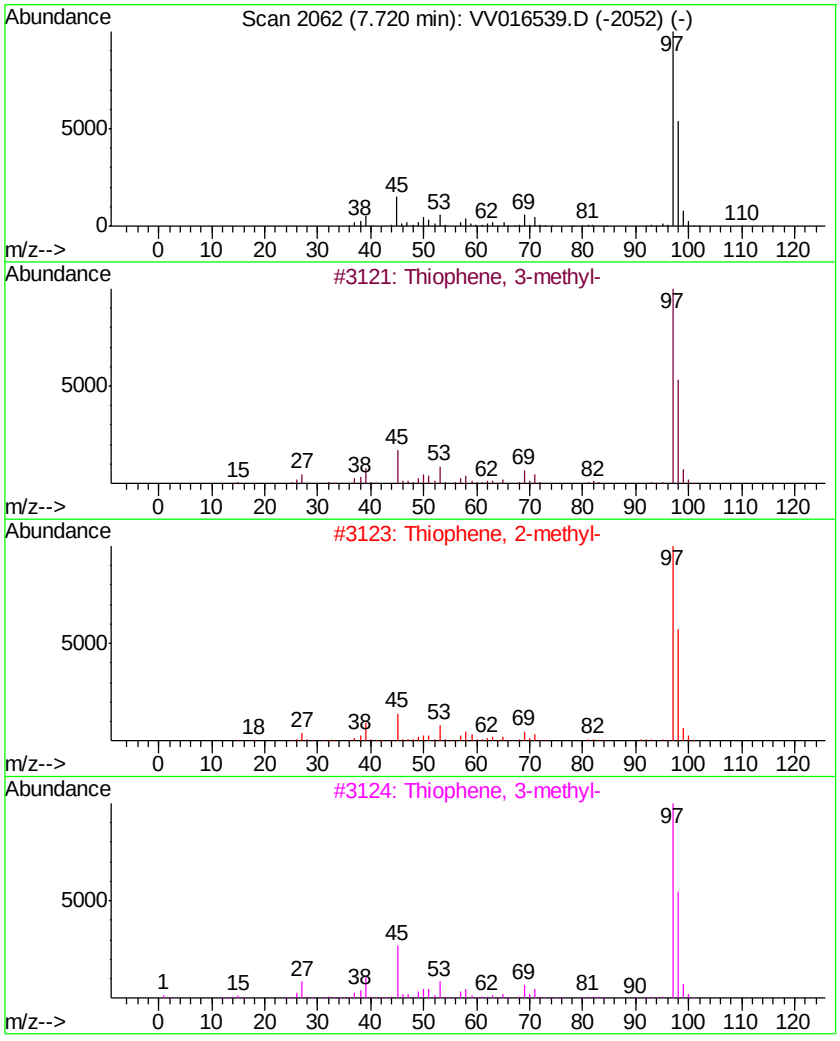
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

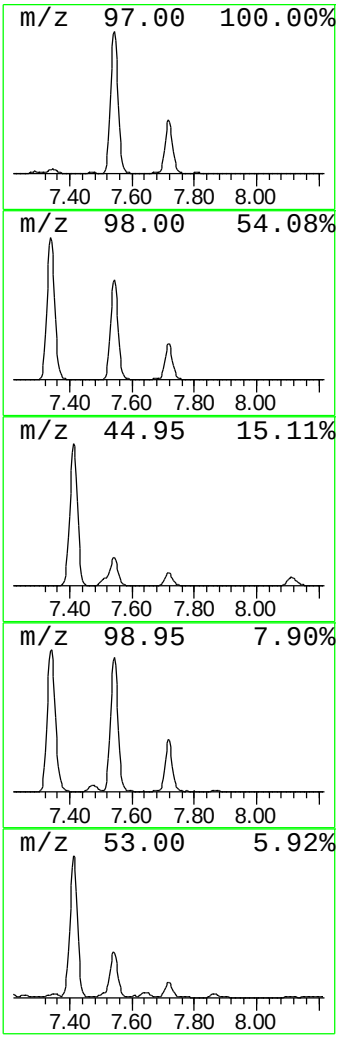
****

Peak Number 30 Thiophene, 3-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	20.40 ug/L	459888	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	97
2	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	94
3	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	94
4	Thiophene, 3-methyl-	98	C5H6S	000616-44-4	91
5	Thiophene, 2-methyl-	98	C5H6S	000554-14-3	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

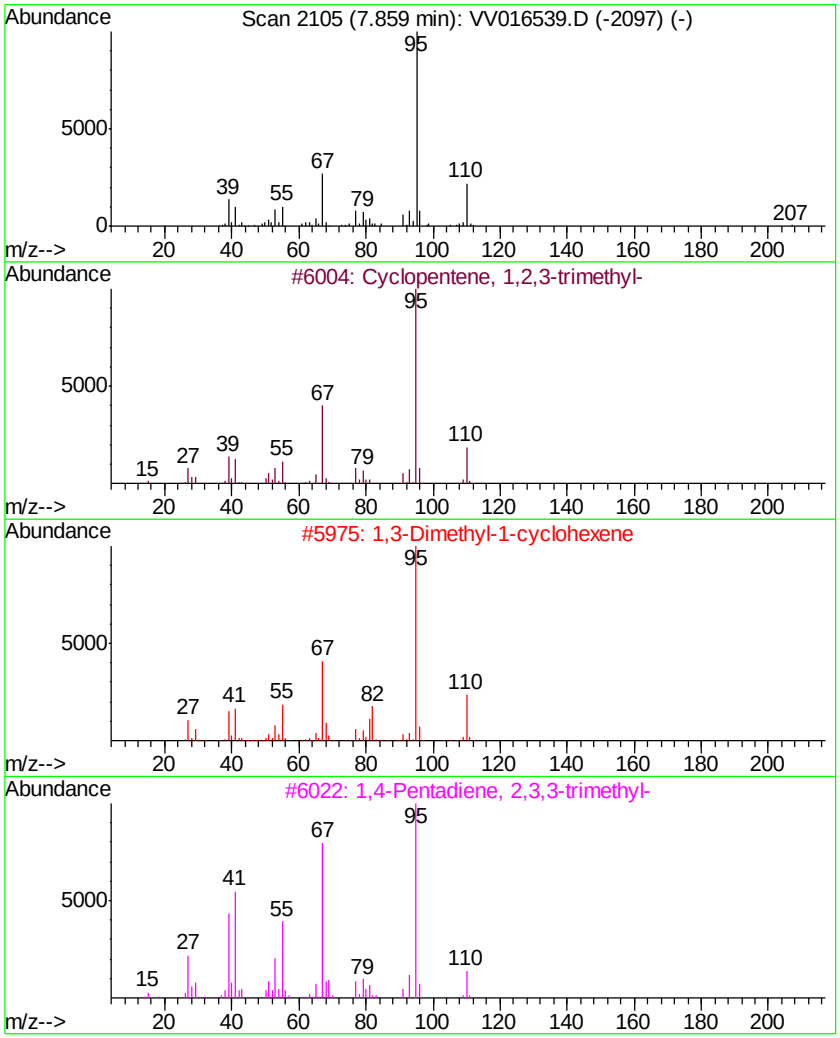
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

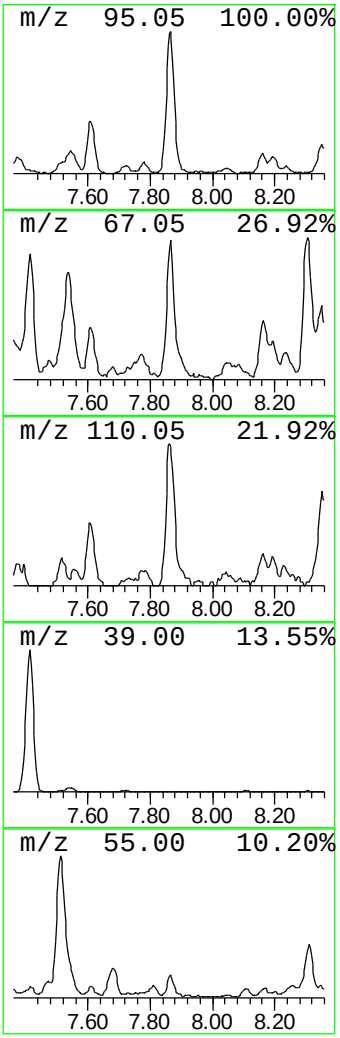
****

Peak Number 31 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	6.43 ug/L	144895	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	94
2	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	90
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	87
4	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	72
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

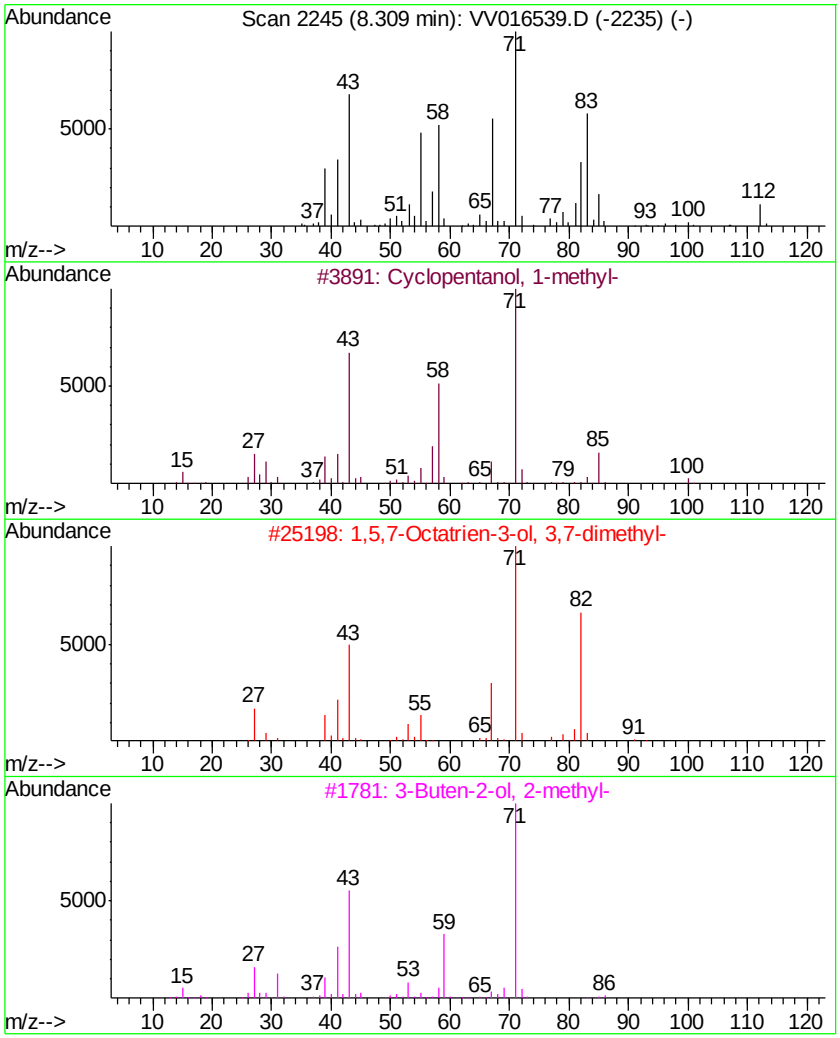
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

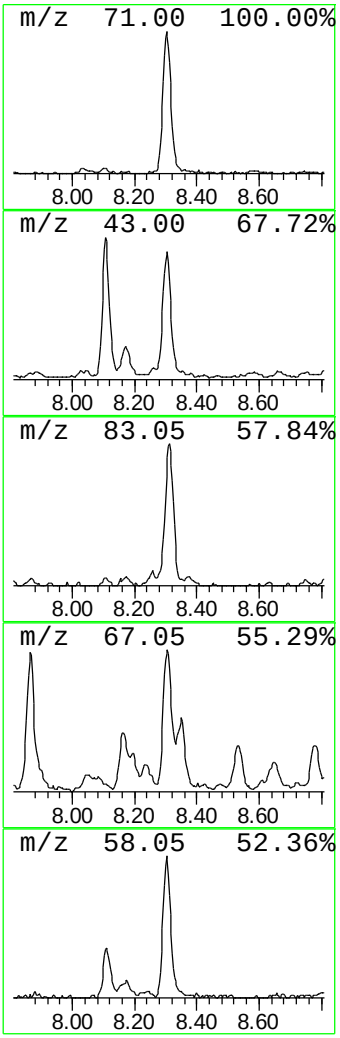
****

Peak Number 32 unknown-01 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	5.88 ug/L	132475	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	46
2	1,5,7-Octatrien-3-ol, 3,7-dimethyl-	152	C10H16O	029957-43-5	38
3	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	22
4	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	22
5	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	22





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

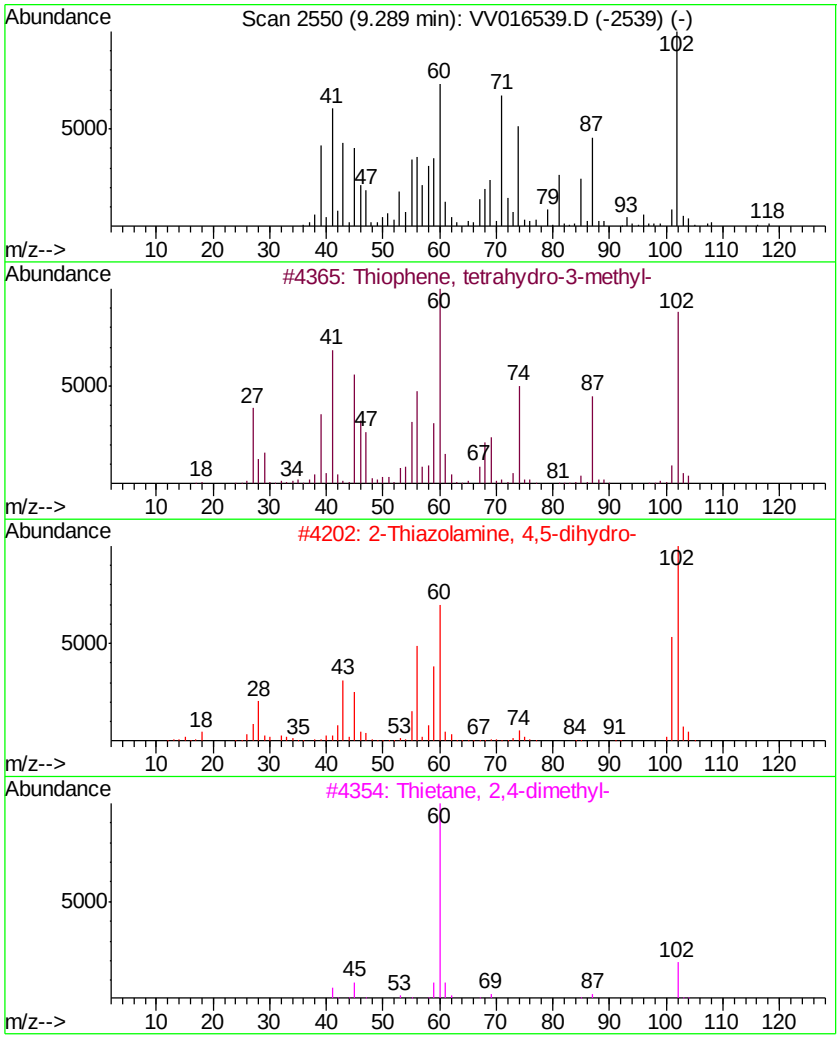
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

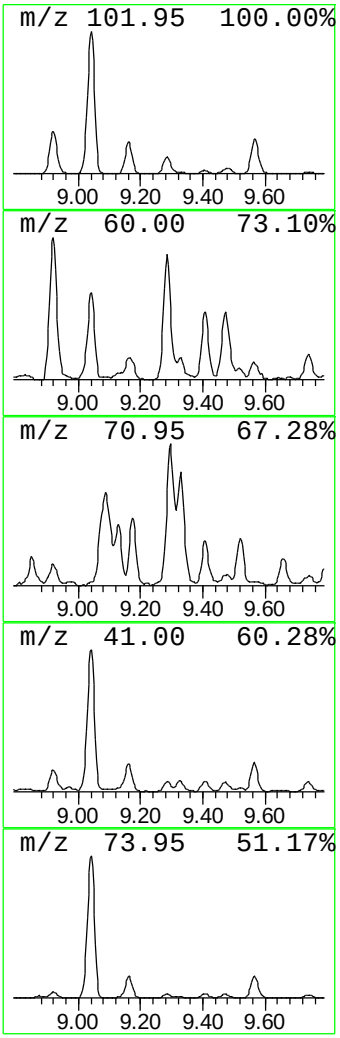
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Thiophene, tetrahydro-3-met... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	9.48 ug/L	213781	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-3-methyl-	102	C5H10S	004740-00-5	96
2	2-Thiazolamine, 4,5-dihydro-	102	C3H6N2S	001779-81-3	43
3	Thietane, 2,4-dimethyl-	102	C5H10S	043044-24-2	43
4	D-Fucose	164	C6H12O5	003615-37-0	25
5	Butanoic acid, 2,2-dimethyl-3-ox...	144	C7H12O3	038923-57-8	22





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

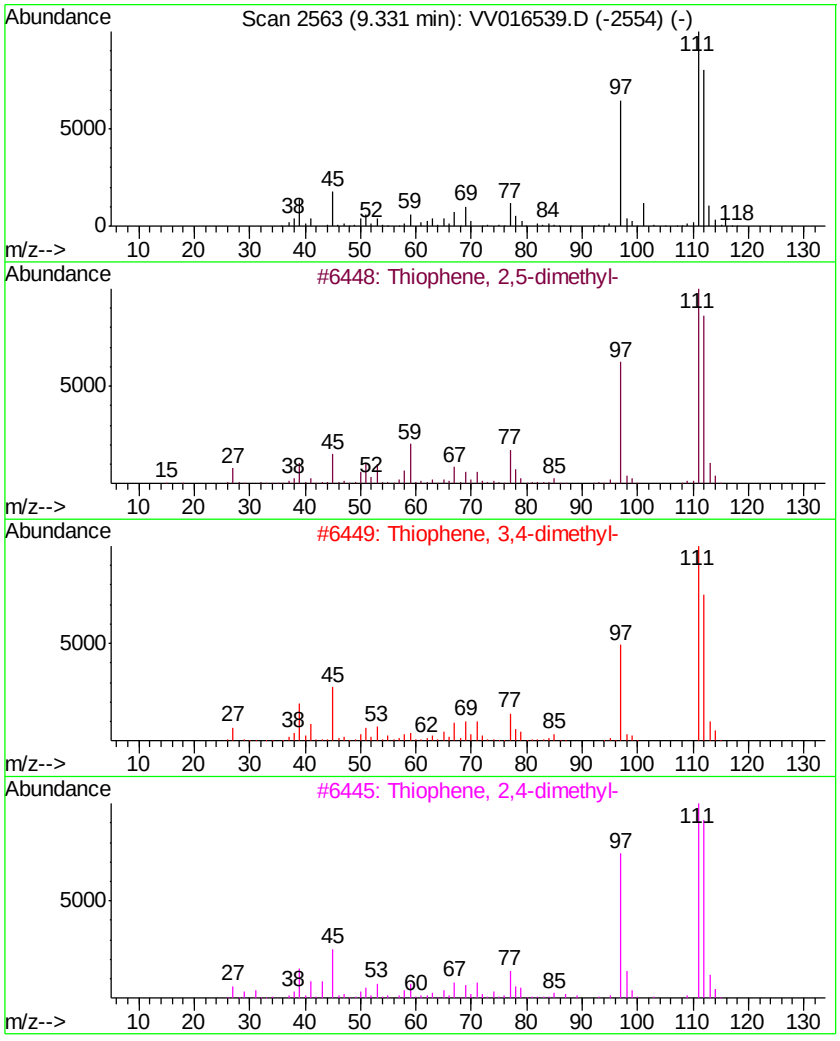
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

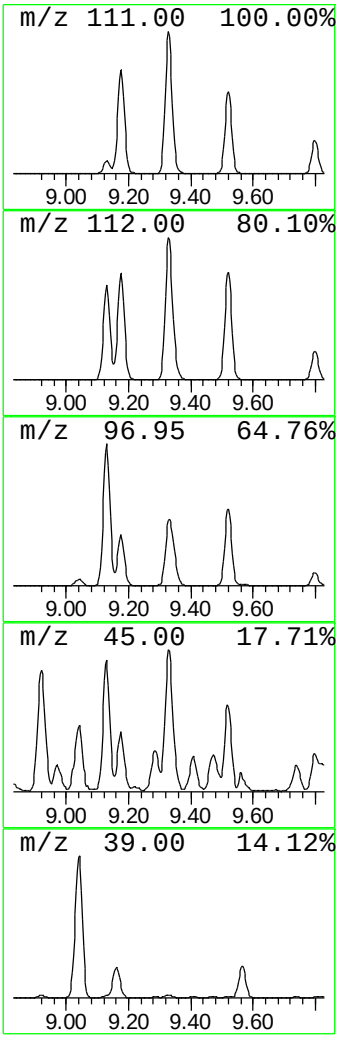
****

Peak Number 34 Thiophene, 2,5-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	37.74 ug/L	850664	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	87
2	Thiophene, 3,4-dimethyl-	112	C6H8S	000632-15-5	87
3	Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	87
4	Thiophene, 3,4-dimethyl-	112	C6H8S	000632-15-5	83
5	Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	83





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

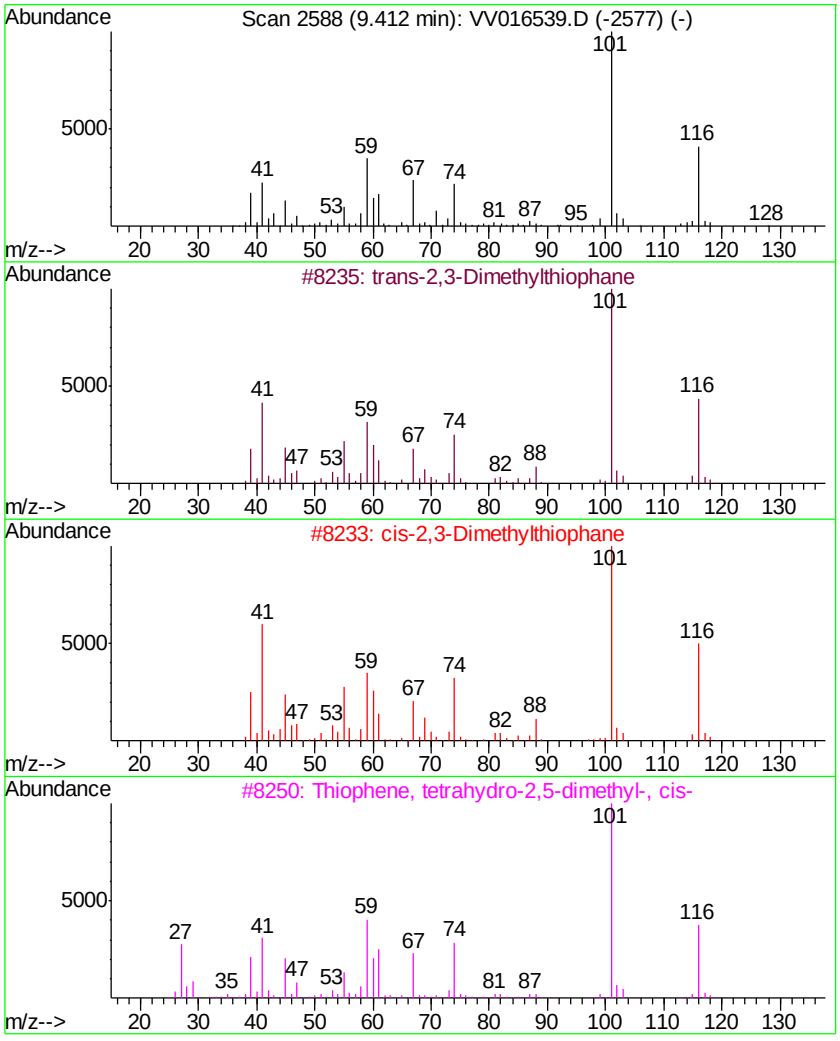
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

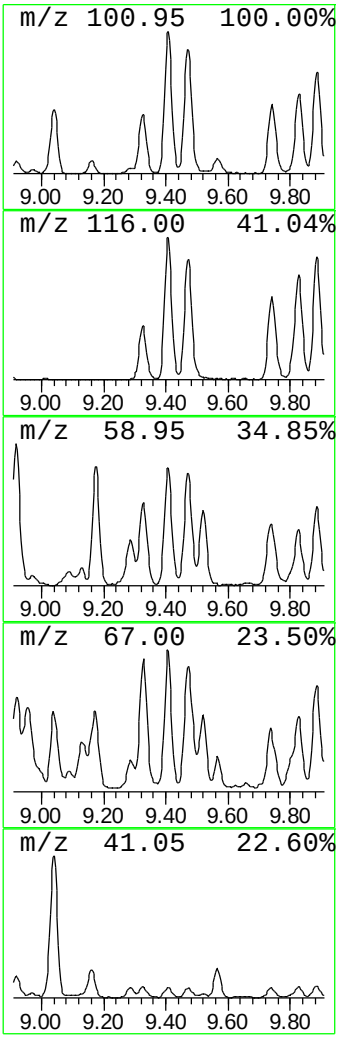
****

Peak Number 35 trans-2,3-Dimethylthiophane Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	10.95 ug/L	246849	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	93
2	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	90
3	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	90
4	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	74
5	Thiazole, 4,5-dihydro-4-methyl-2...	116	C4H8N2S	010416-81-6	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

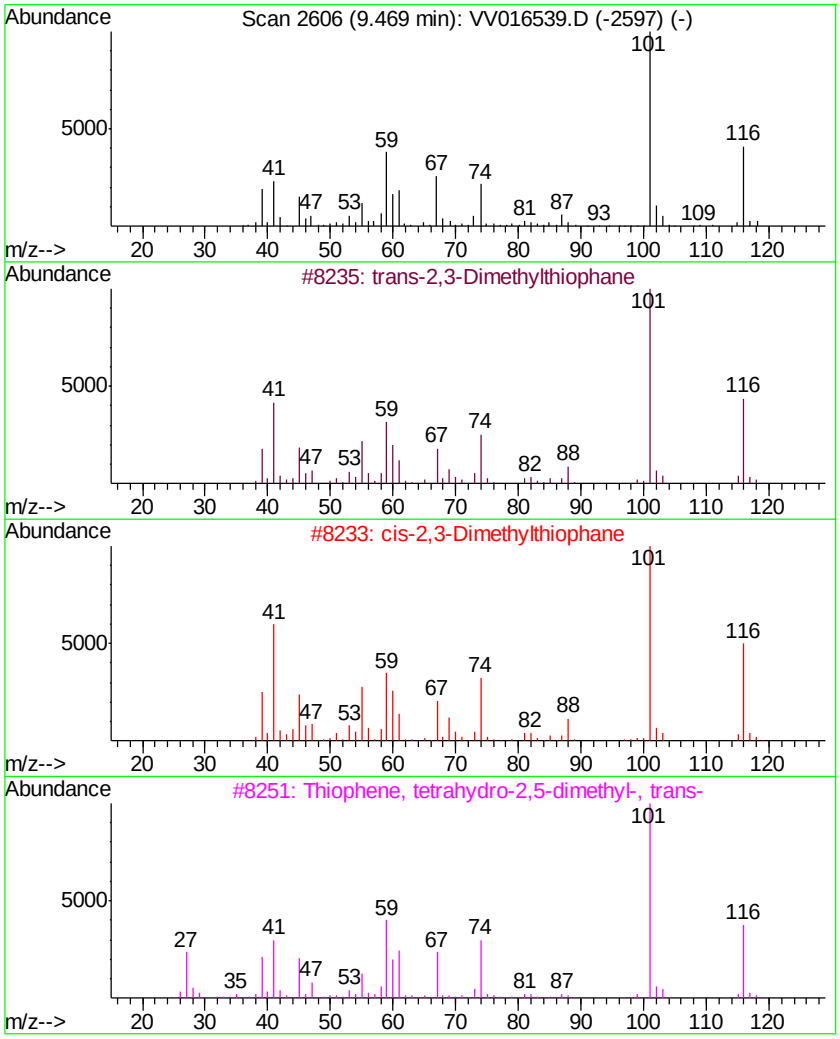
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

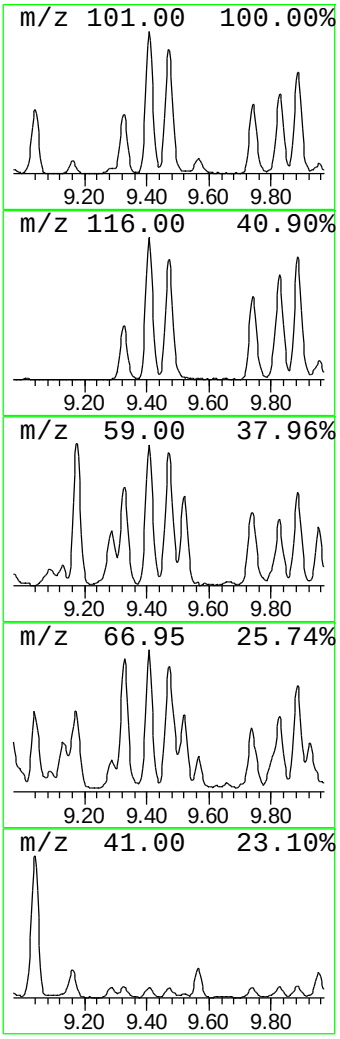
****

Peak Number 36 Thiophene, tetrahydro-2,5-d... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	10.96 ug/L	246966	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	93
2	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	87
3	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	87
4	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	78
5	2-Amino-2-thiazoline-4-carboxyli...	146	C4H6N2O2S	002150-55-2	47





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

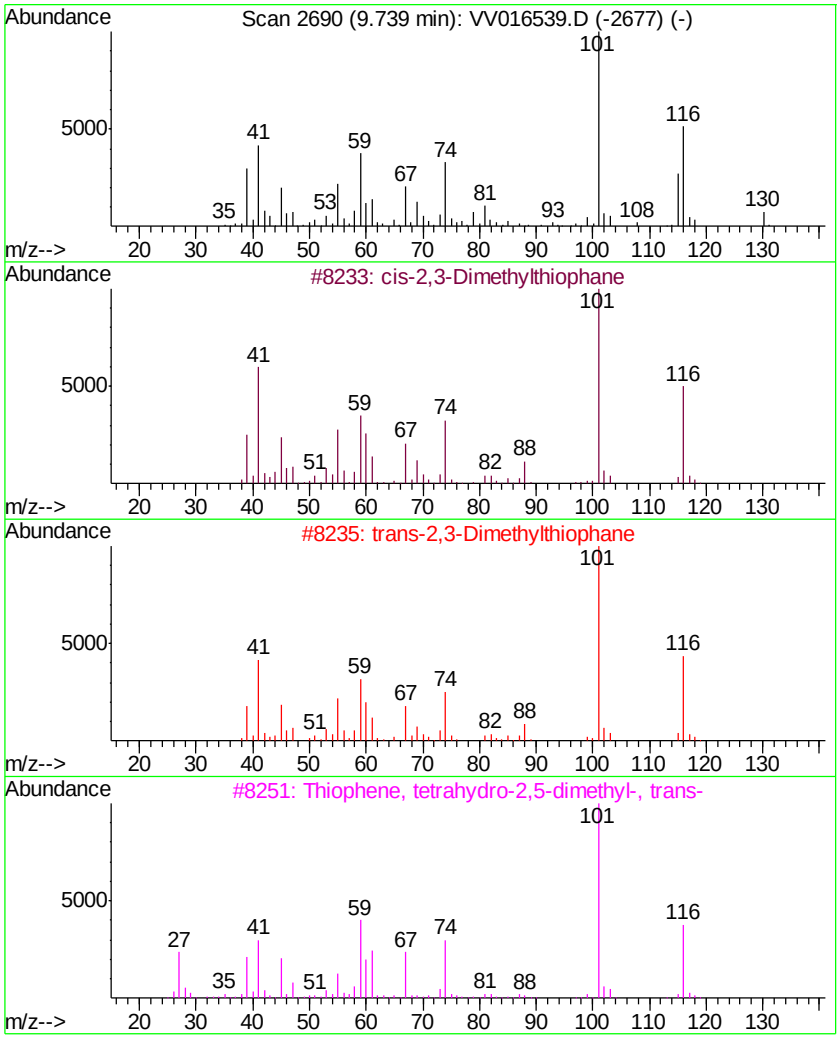
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

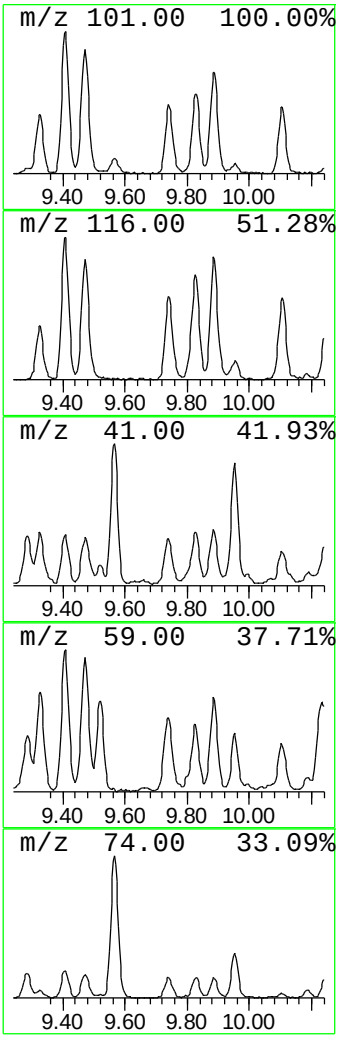
****

Peak Number 37 cis-2,3-Dimethylthiophane Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	8.89 ug/L	200463	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	72
4	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	72
5	Thiazole, 4,5-dihydro-4-methyl-2...	116	C4H8N2S	010416-81-6	52





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

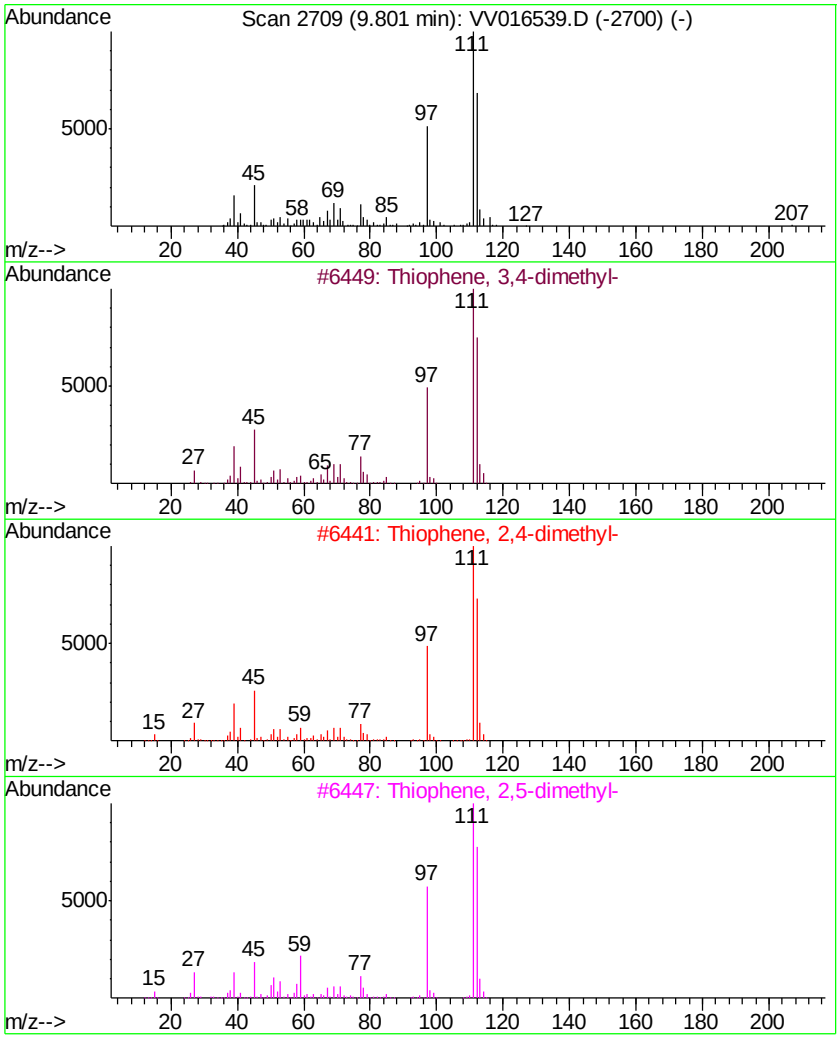
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

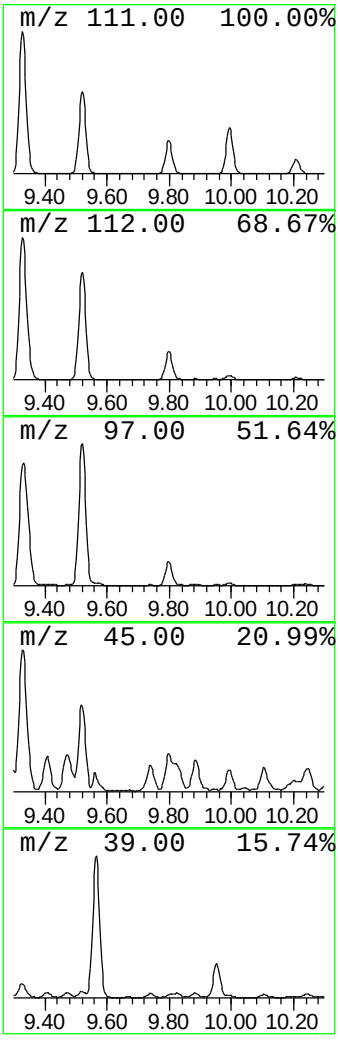
****

Peak Number 38 Thiophene, 3,4-dimethyl- Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	6.44 ug/L	145260	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 3,4-dimethyl-	112	C6H8S	000632-15-5	96
2	Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	87
3	Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	83
4	Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	83
5	Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

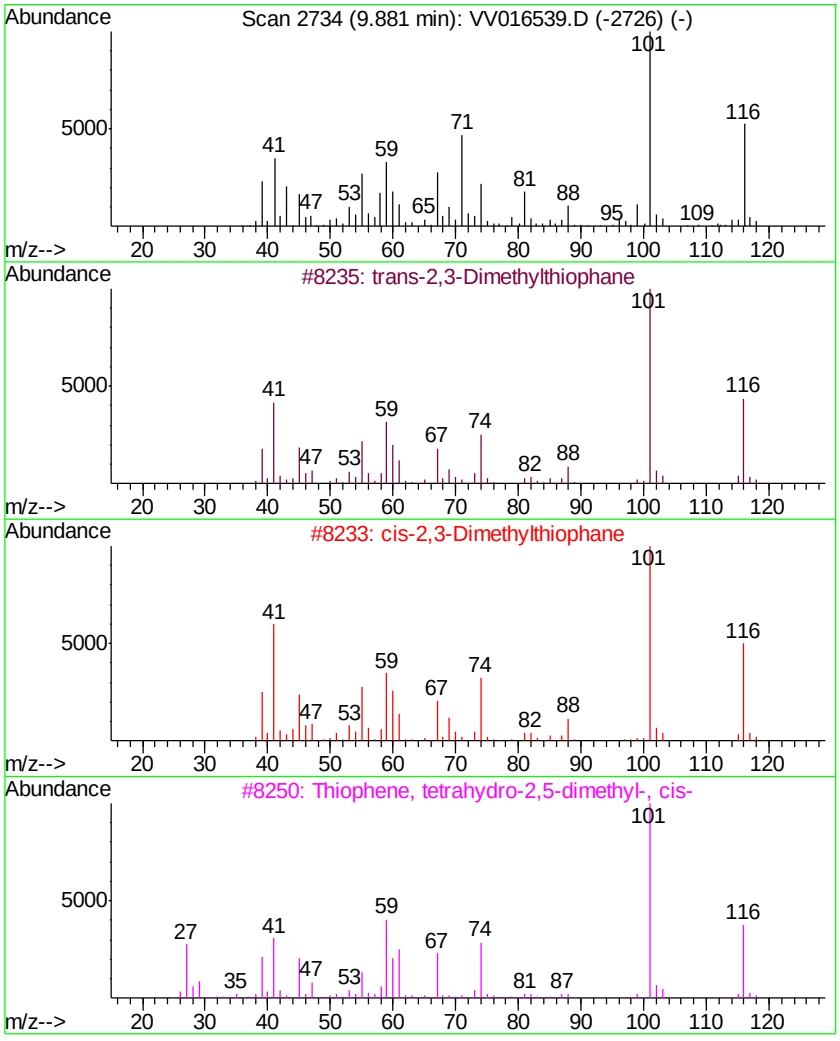
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

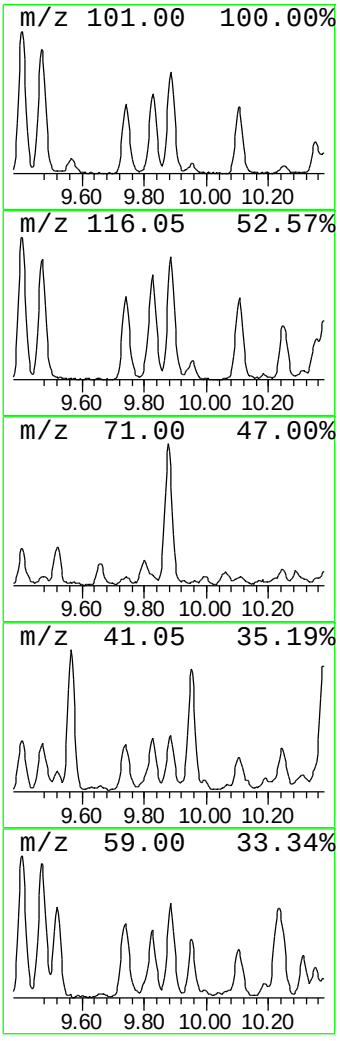
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 Thiazole, 4,5-dihydro-4-met... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	10.53 ug/L	237380	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	95
2	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	93
3	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	68
4	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	59
5	Thiazole, 4,5-dihydro-4-methyl-2...	116	C4H8N2S	010416-81-6	52





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

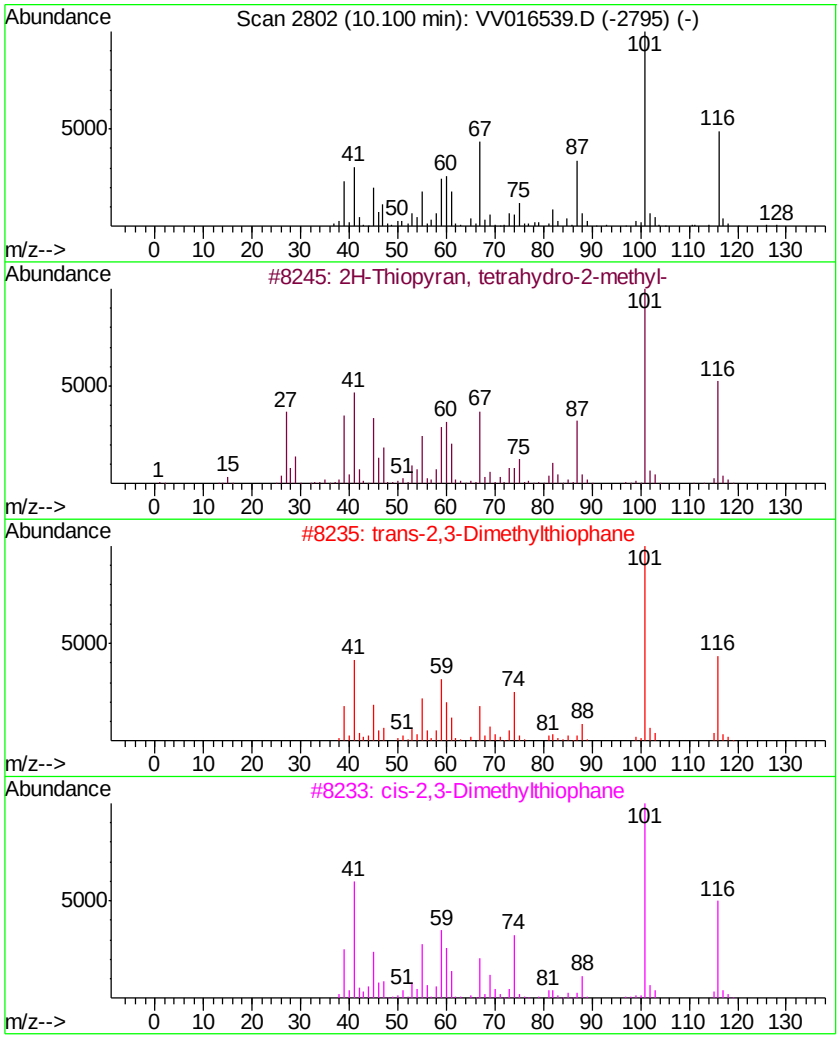
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

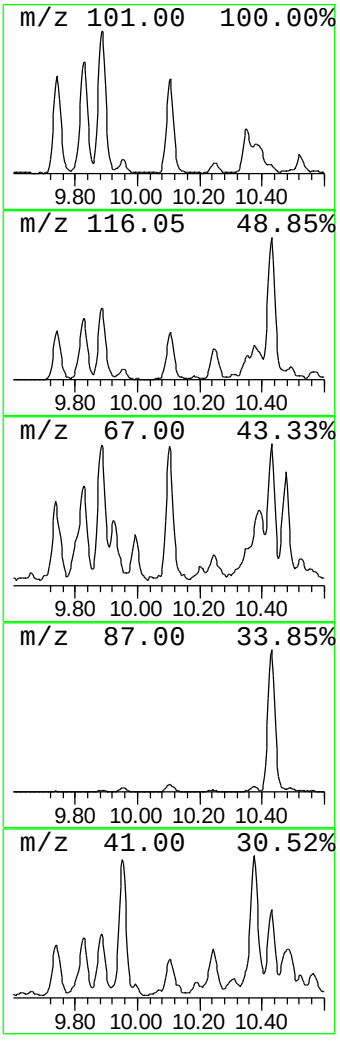
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 2H-Thiopyran, tetrahydro-2-... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	4.23 ug/L	171156	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	62
3	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	58
4	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	53
5	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

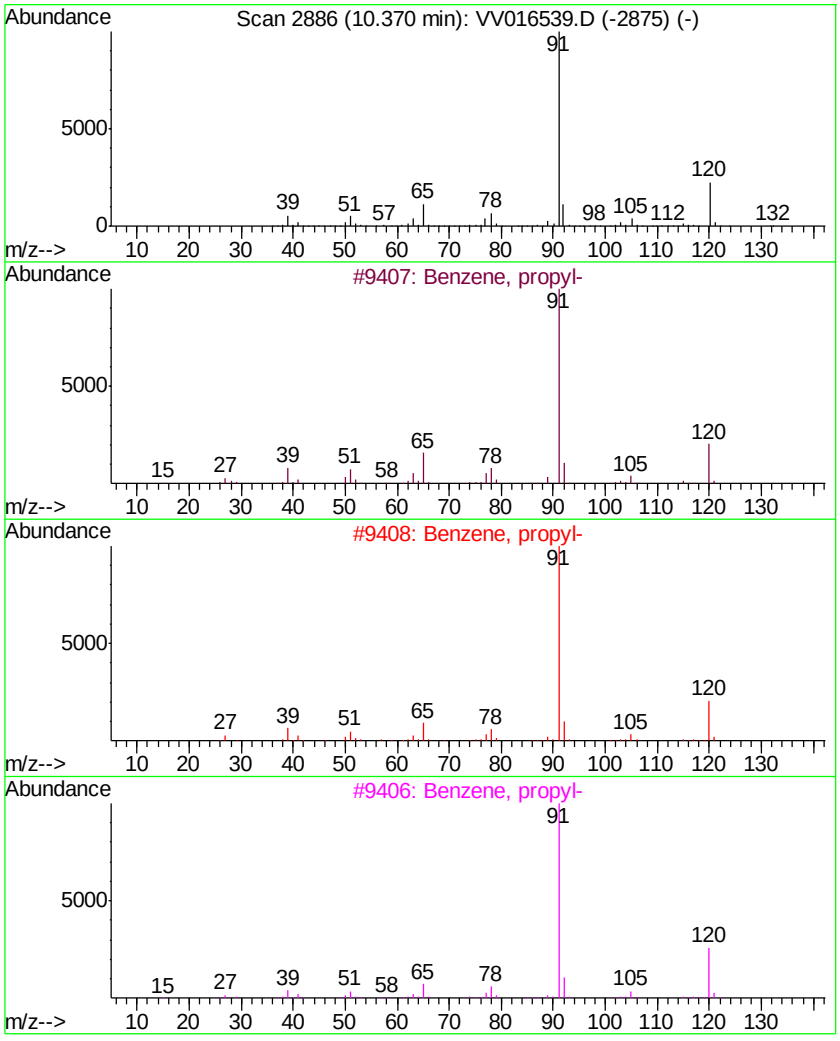
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

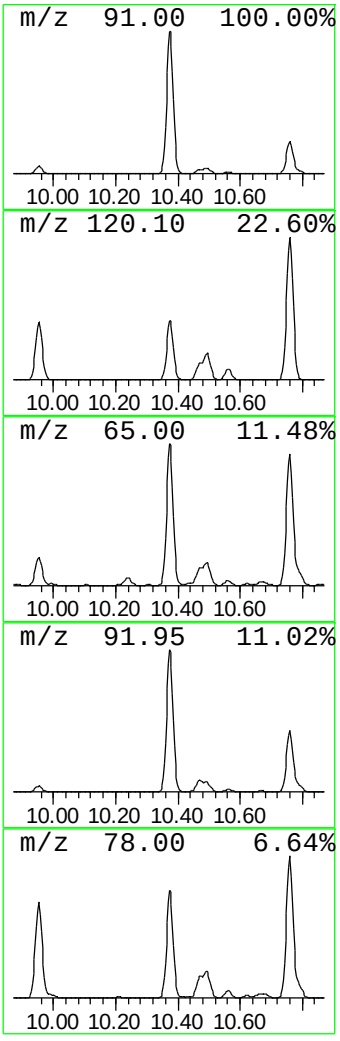
****

Peak Number 41 Benzene, propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	76.26 ug/L	3087690	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

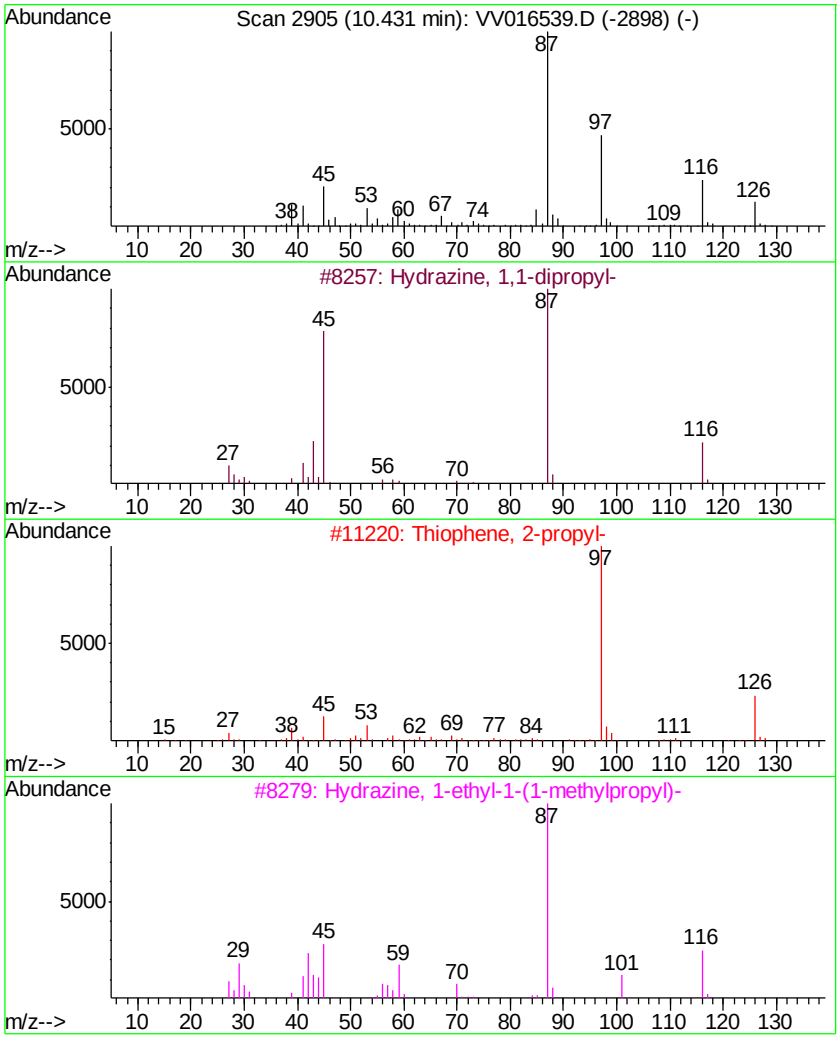
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

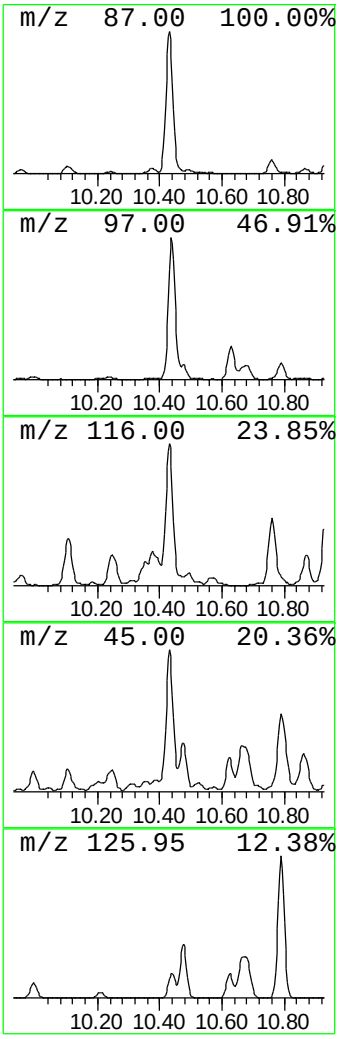
****

Peak Number 42 Hydrazine, 1,1-dipropyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	13.24 ug/L	536238	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	50
2	Thiophene, 2-propyl-	126	C7H10S	001551-27-5	38
3	Hydrazine, 1-ethyl-1-(1-methylpr...	116	C6H16N2	020325-97-7	33
4	Ethanol, 1-(2-methyl-2H-tetrazol...	239	C9H13N5OS	1000316-81-4	27
5	2-O-Methyl-d-xylose	164	C6H12O5	1000130-01-3	23





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

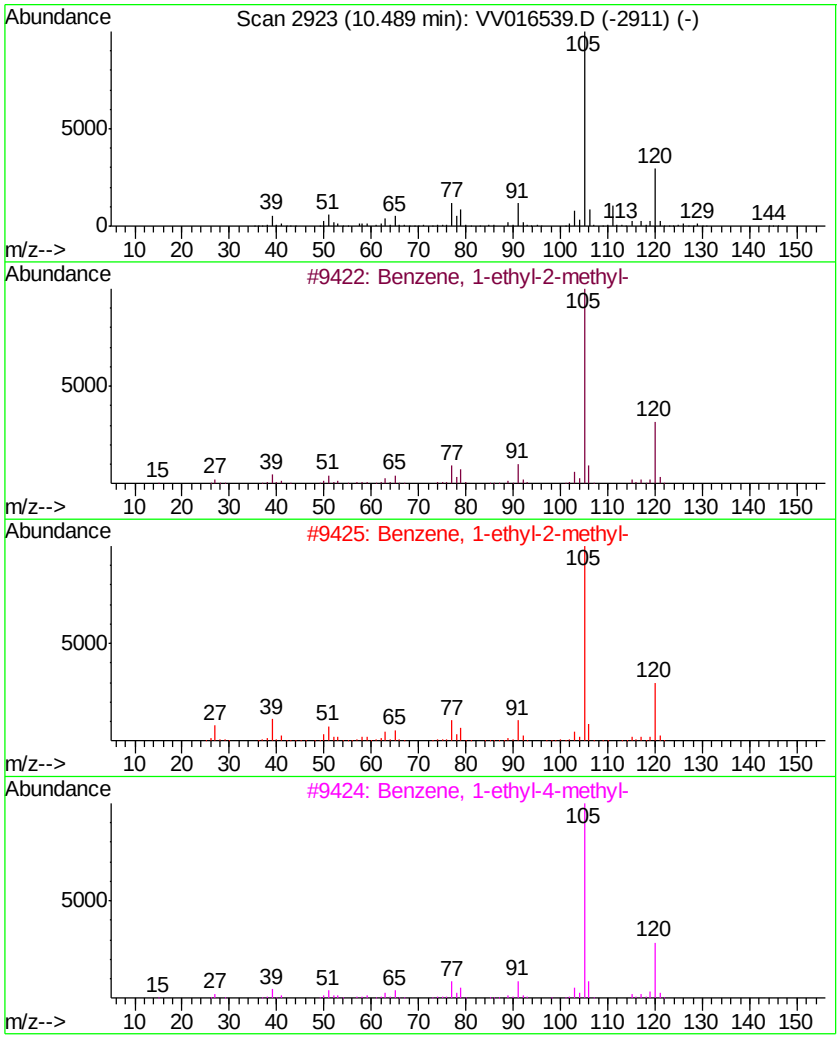
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

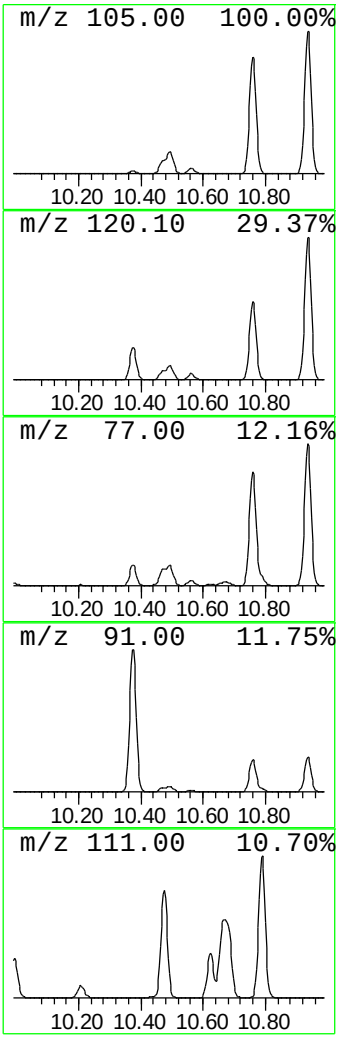
****

Peak Number 43 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	55.77 ug/L	2258050	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

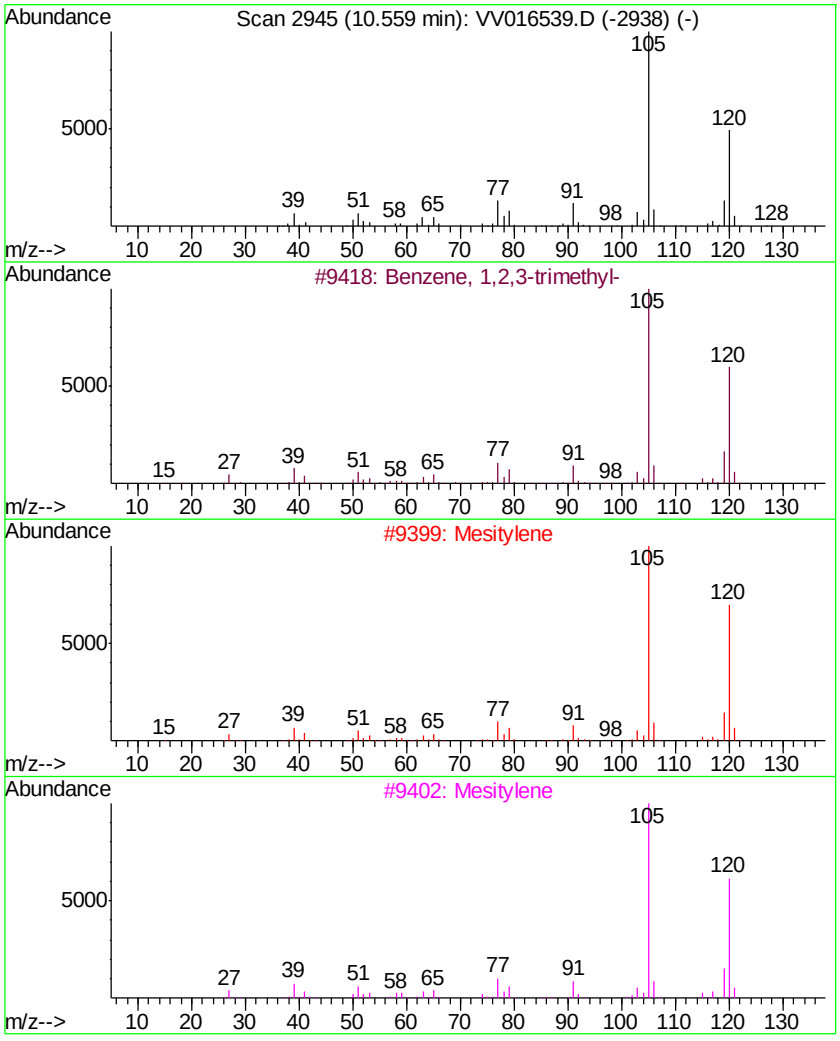
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

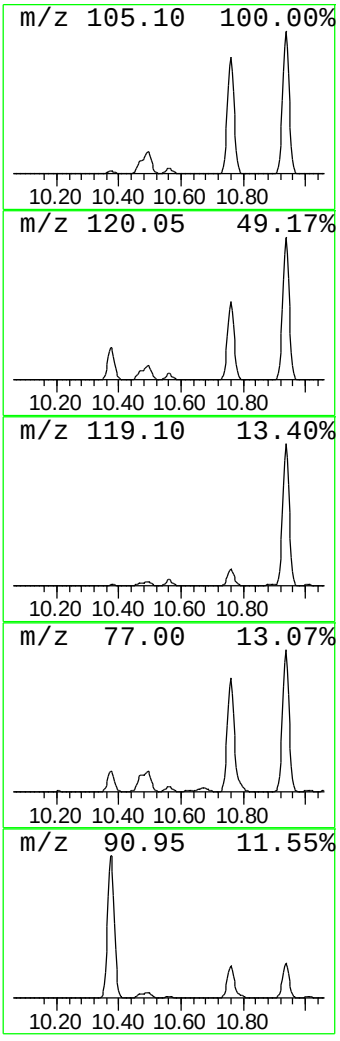
****

Peak Number 44 Benzene, 1,2,3-trimethyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	9.37 ug/L	379506	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	97
3	Mesitylene	120	C9H12	000108-67-8	97
4	Mesitylene	120	C9H12	000108-67-8	95
5	Mesitylene	120	C9H12	000108-67-8	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

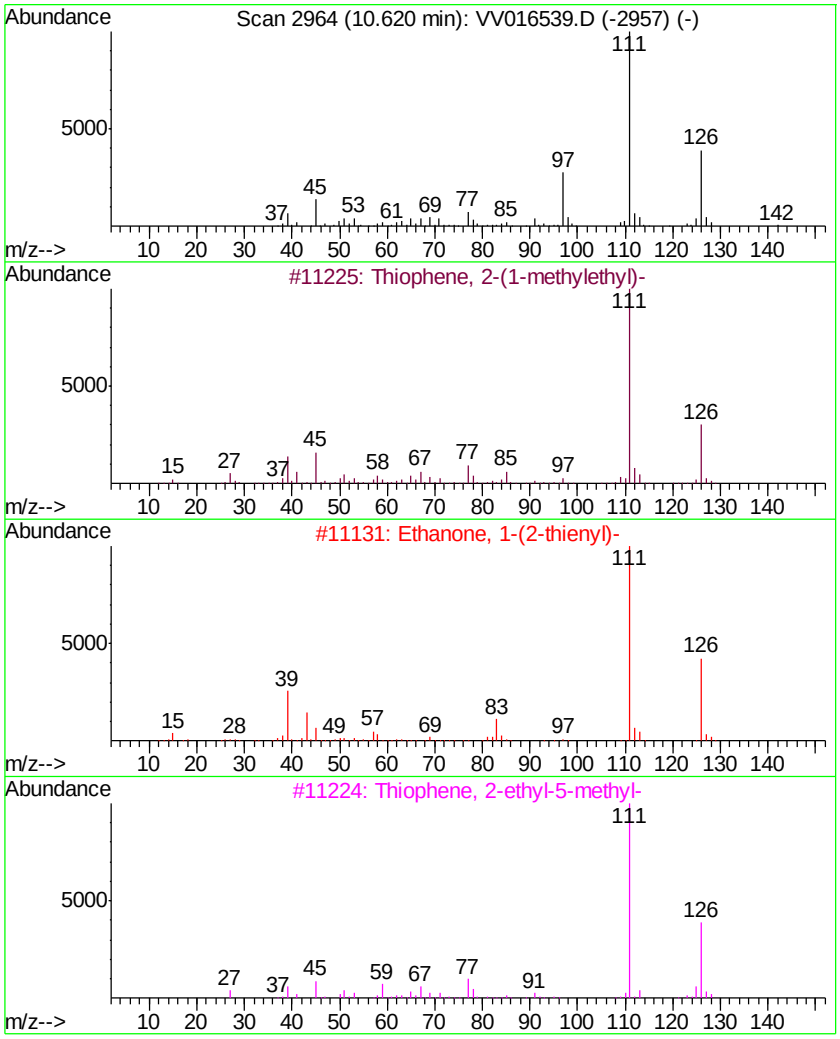
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

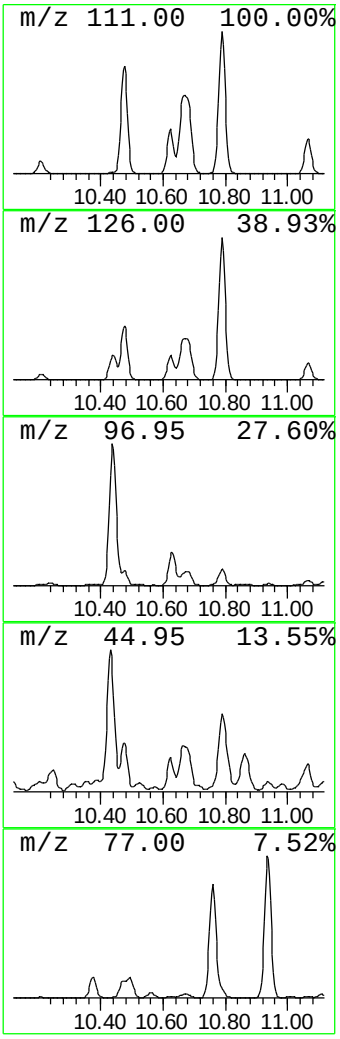
****

Peak Number 45 Thiophene, 2-(1-methylethyl)- Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	4.08 ug/L	165380	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	74
2	Ethanone, 1-(2-thienyl)-	126	C6H6OS	000088-15-3	64
3	Thiophene, 2-ethyl-5-methyl-	126	C7H10S	040323-88-4	64
4	Ethanone, 1-(3-thienyl)-	126	C6H6OS	001468-83-3	59
5	1,1,3-Trimethyl-1-silacyclo-3-pe...	126	C7H14Si	003528-14-1	59





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

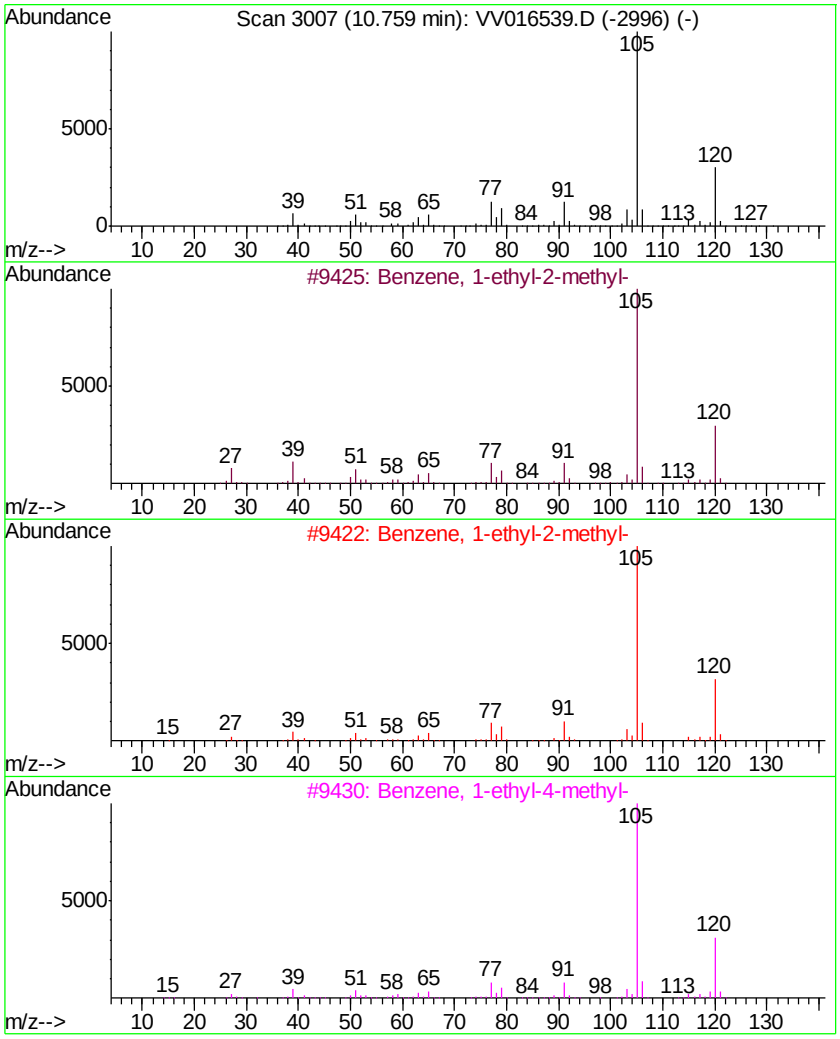
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

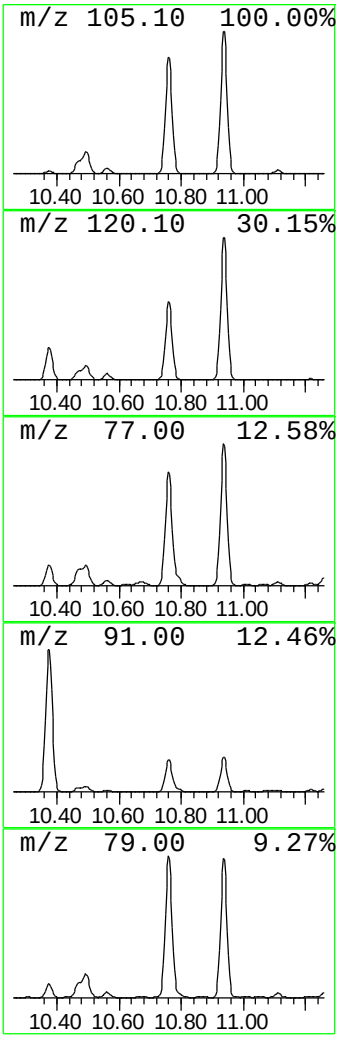
****

Peak Number 46 Benzene, 1-ethyl-4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	198.91 ug/L	8053150	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	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

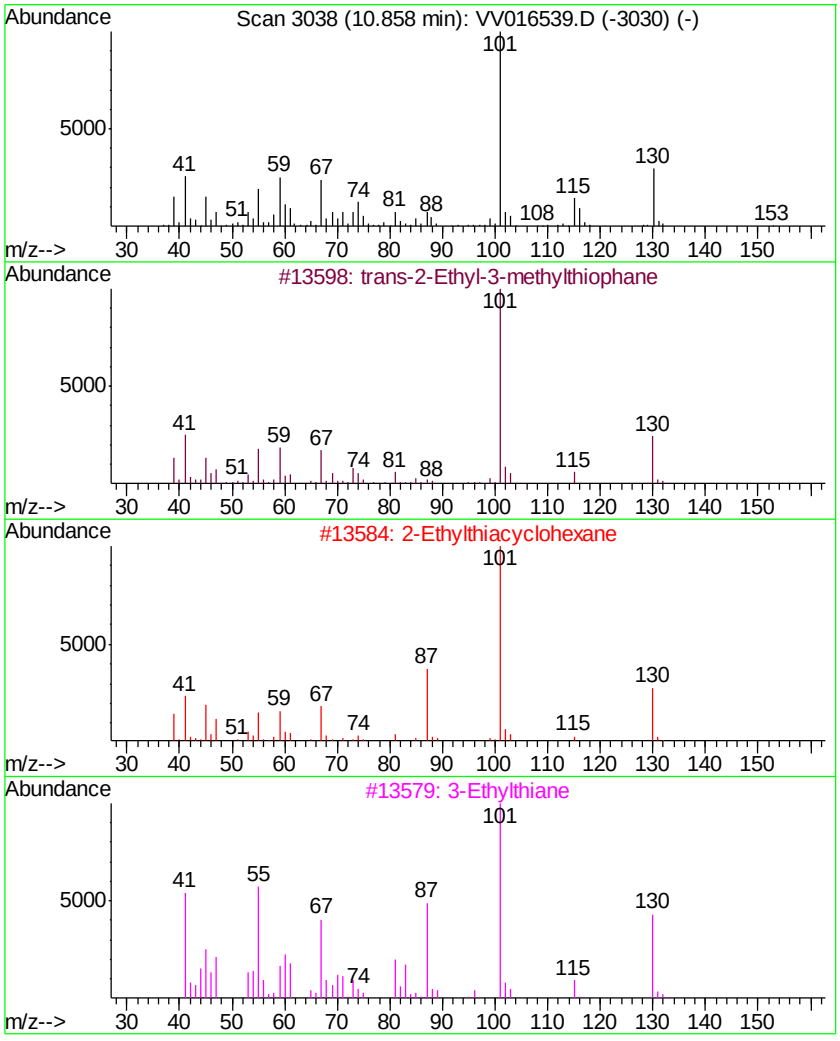
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

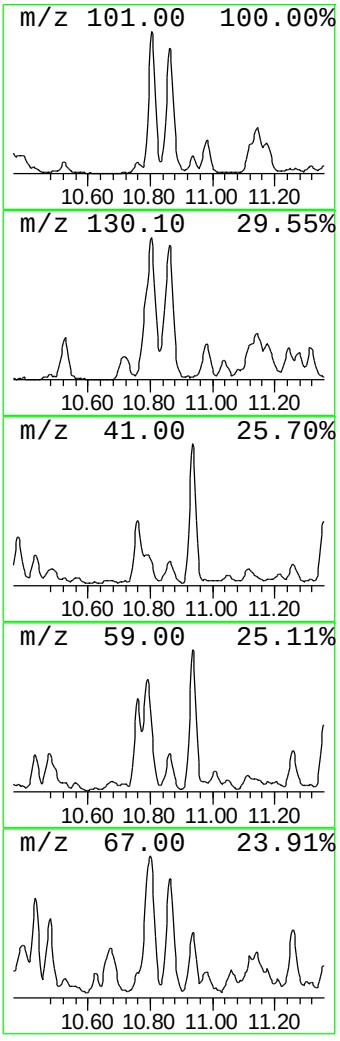
****

Peak Number 47 trans-2-Ethyl-3-methylthiop... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	7.13 ug/L	288709	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2-Ethyl-3-methylthiophane	130	C7H14S	061568-36-3	70
2	2-Ethylthiacyclohexane	130	C7H14S	001613-52-1	64
3	3-Ethylthiane	130	C7H14S	061568-48-7	53
4	trans-3-Methyl-2-n-propylthiophane	144	C8H16S	118068-75-0	50
5	2-methyl-2-(2-methyl-3-thienylth...	230	C10H14S3	1000365-97-2	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

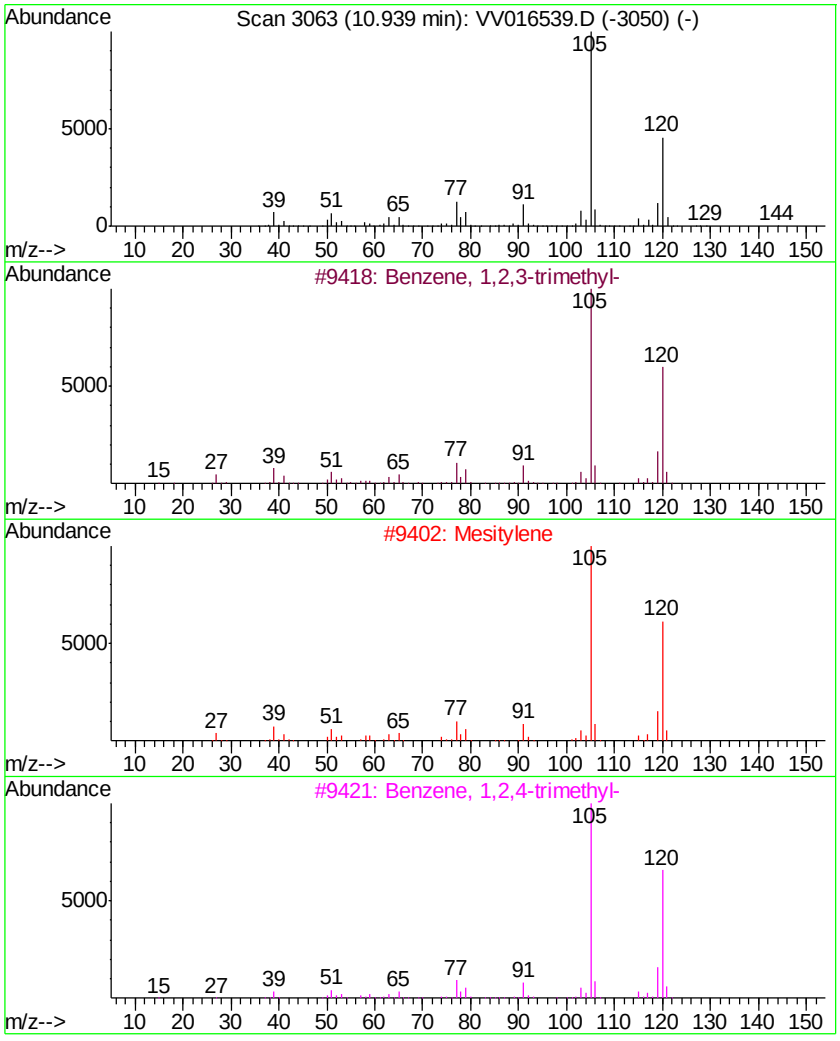
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

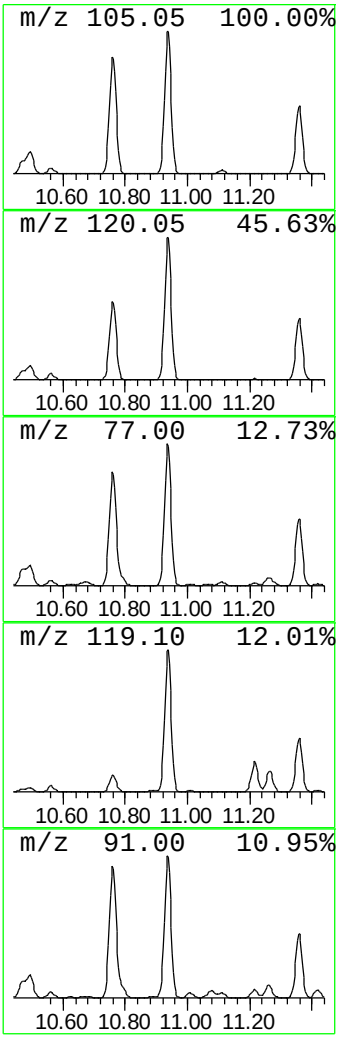
****

Peak Number 48 Mesitylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	227.27 ug/L	9201380	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	97
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 : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

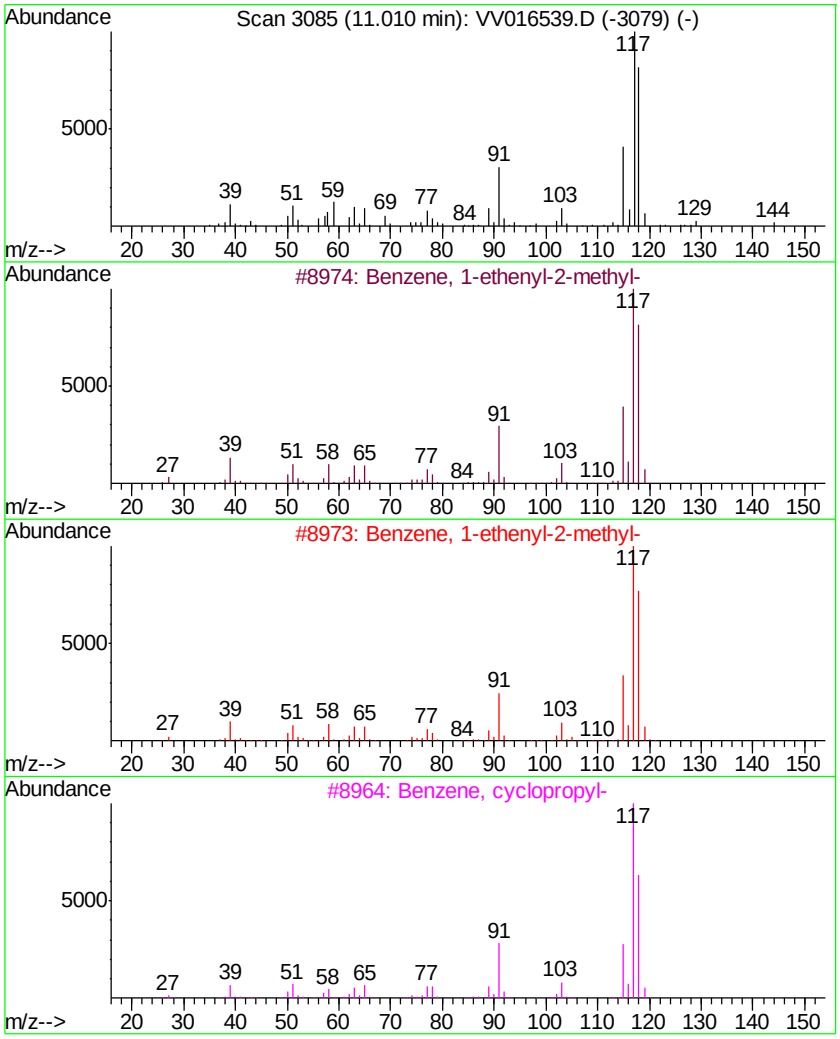
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

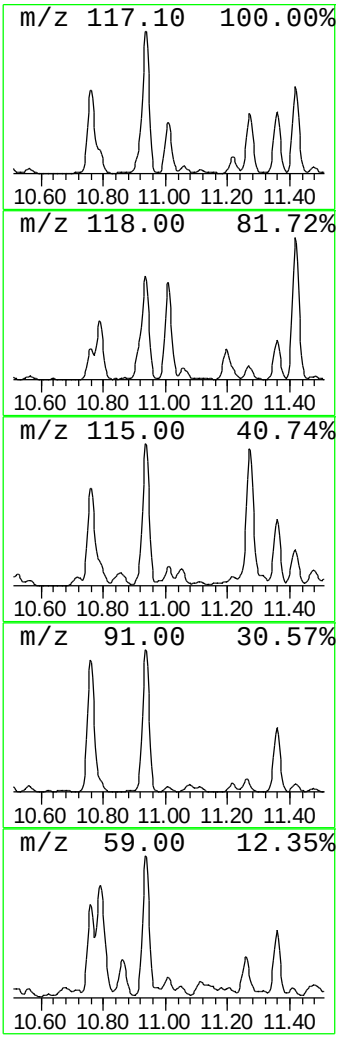
****

Peak Number 49 Benzene, 1-ethenyl-2-methyl- Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	3.41 ug/L	138132	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	96
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	93
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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

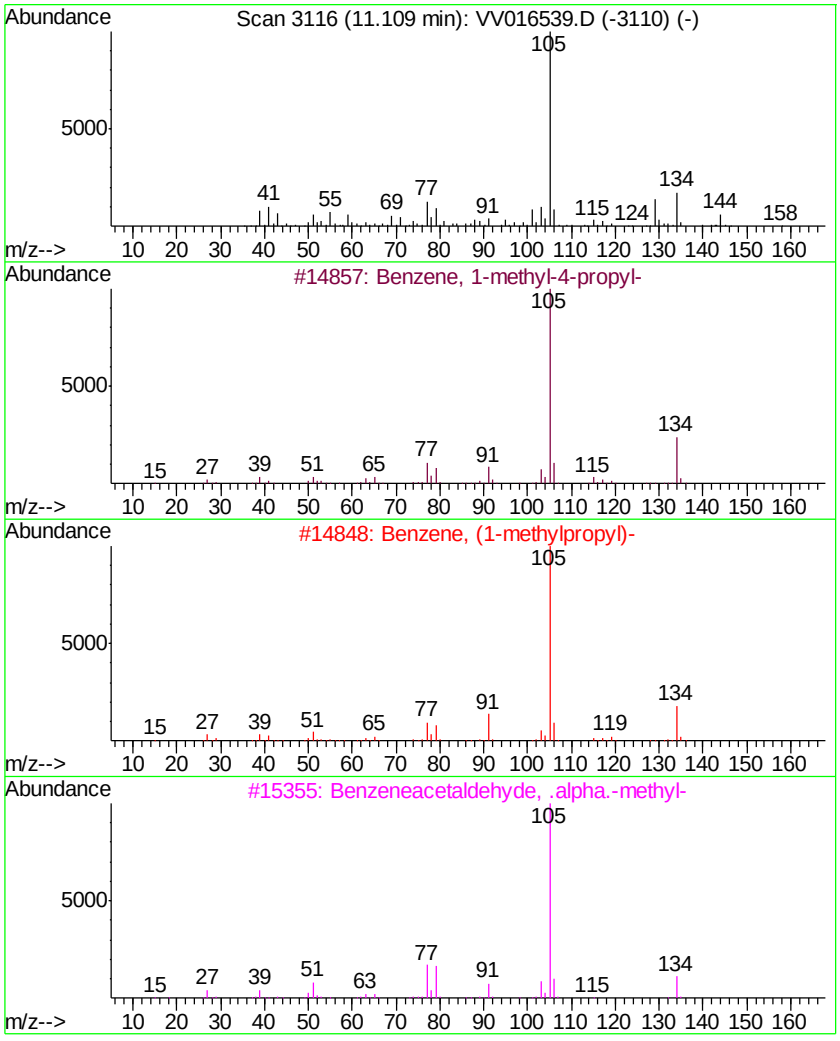
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

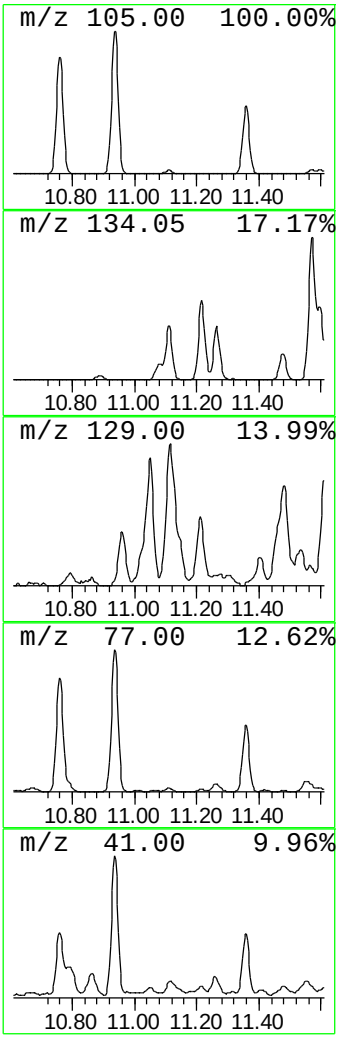
****

Peak Number 51 Benzene, 1-methyl-4-propyl- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	7.73 ug/L	312778	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	55
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	49
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	49
4	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	46
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016539.D
Acq On : 05 Jun 2020 16:29
Operator : SY/MD
Sample : L2861-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E44

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...	1.22	13.0	ug/L	284836	1	5.64	1093940	50.0
(DEL) Alkane: Str...	1.42	11.2	ug/L	243919	1	5.64	1093940	50.0
(DEL) Alkane: Str...	1.63	347.6	ug/L	7604590	1	5.64	1093940	50.0
(DEL) Alkane: Cyc...	1.77	30.6	ug/L	670660	1	5.64	1093940	50.0
(DEL) Alkane: Str...	1.81	196.4	ug/L	4297520	1	5.64	1093940	50.0
(DEL) Alkane: Str...	1.90	72.0	ug/L	1575600	1	5.64	1093940	50.0
(DEL) Alkane: Str...	1.99	36.1	ug/L	789507	1	5.64	1093940	50.0
(DEL) Alkane: Cyc...	2.03	23.8	ug/L	520336	1	5.64	1093940	50.0
(DEL) Alkane: Str...	2.45	30.4	ug/L	664209	1	5.64	1093940	50.0
Cyclopentene	2.49	67.8	ug/L	1482500	1	5.64	1093940	50.0
(DEL) Alkane: Str...	2.54	47.9	ug/L	1048470	1	5.64	1093940	50.0
(DEL) Alkane: Cyc...	2.59	162.2	ug/L	3548700	1	5.64	1093940	50.0
(DEL) Alkane: Str...	2.78	49.7	ug/L	1087960	1	5.64	1093940	50.0
(DEL) Alkane: Str...	3.05	11.8	ug/L	257529	1	5.64	1093940	50.0
(DEL) Alkane: Str...	3.24	12.3	ug/L	268314	1	5.64	1093940	50.0
(DEL) Alkane: Str...	3.29	10.5	ug/L	229370	1	5.64	1093940	50.0
Cyclopentene, 3-m...	3.45	46.5	ug/L	1016240	1	5.64	1093940	50.0
Cyclopentene, 4-m...	3.52	16.5	ug/L	360905	1	5.64	1093940	50.0
(DEL) Alkane: Cyc...	3.78	286.2	ug/L	6262140	1	5.64	1093940	50.0
Cyclopentene, 1-m...	4.48	6.6	ug/L	144539	1	5.64	1093940	50.0
(DEL) Alkane: Cyc...	4.97	9.3	ug/L	203276	1	5.64	1093940	50.0
Cyclobutane, ethe...	5.24	118.5	ug/L	2592810	1	5.64	1093940	50.0
(DEL) Alkane: Cyc...	5.35	14.8	ug/L	323484	1	5.64	1093940	50.0
(DEL) Alkane: Cyc...	6.39	7.4	ug/L	162164	1	5.64	1093940	50.0
Cyclohexene, 3-me...	6.57	19.3	ug/L	421444	1	5.64	1093940	50.0
Cyclopentene, 1,5...	6.82	42.0	ug/L	919065	1	5.64	1093940	50.0
2-Pentanol, 2-met...	7.16	16.1	ug/L	352149	1	5.64	1093940	50.0
Thiophene, 2-methyl-	7.54	70.7	ug/L	1594280	2	8.87	1127080	50.0
Thiophene, 3-methyl-	7.72	20.4	ug/L	459888	2	8.87	1127080	50.0
Cyclopentene, 1,2...	7.86	6.4	ug/L	144895	2	8.87	1127080	50.0
unknown-01	8.31	5.9	ug/L	132475	2	8.87	1127080	50.0
Thiophene, tetrah...	9.29	9.5	ug/L	213781	2	8.87	1127080	50.0
Thiophene, 2,5-di...	9.33	37.7	ug/L	850664	2	8.87	1127080	50.0
trans-2,3-Dimethy...	9.41	10.9	ug/L	246849	2	8.87	1127080	50.0
Thiophene, tetrah...	9.47	11.0	ug/L	246966	2	8.87	1127080	50.0
cis-2,3-Dimethylt...	9.74	8.9	ug/L	200463	2	8.87	1127080	50.0
Thiophene, 3,4-di...	9.80	6.4	ug/L	145260	2	8.87	1127080	50.0
Thiazole, 4,5-dih...	9.88	10.5	ug/L	237380	2	8.87	1127080	50.0
2H-Thiopyran, tet...	10.10	4.2	ug/L	171156	3	11.27	2024360	50.0
Benzene, propyl-	10.37	76.3	ug/L	3087690	3	11.27	2024360	50.0
Hydrazine, 1,1-di...	10.43	13.2	ug/L	536238	3	11.27	2024360	50.0
Benzene, 1-ethyl-...	10.49	55.8	ug/L	2258050	3	11.27	2024360	50.0
Benzene, 1,2,3-tr...	10.56	9.4	ug/L	379506	3	11.27	2024360	50.0
Thiophene, 2-(1-m...	10.62	4.1	ug/L	165380	3	11.27	2024360	50.0
Benzene, 1-ethyl-...	10.76	198.9	ug/L	8053150	3	11.27	2024360	50.0
trans-2-Ethyl-3-m...	10.86	7.1	ug/L	288709	3	11.27	2024360	50.0
Mesitylene	10.94	227.3	ug/L	9201380	3	11.27	2024360	50.0
Benzene, 1-etheny...	11.01	3.4	ug/L	138132	3	11.27	2024360	50.0
Benzene, 1-methyl...	11.11	7.7	ug/L	312778	3	11.27	2024360	50.0