LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016559.D
Acq On : 06 Jun 2020 01:17
Operator : SY/MD
Sample : L2862-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D88

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.113	3	7	19	rVB2	52983	49867	0.68%	0.231%
2	1.222	35	41	53	rVB	110955	104731	1.43%	0.486%
3	1.315	62	70	79	rVB	293620	299419	4.10%	1.389%
4	1.560	138	146	157	rVB	137303	166795	2.28%	0.774%
5	1.627	158	167	180	rBV	185584	238302	3.26%	1.105%
6	2.029	287	292	301	rVB	13172	17371	0.24%	0.081%
7	2.116	306	319	331	rBV	313338	468644	6.42%	2.173%
8	2.341	386	389	394	rVB8	1575	1311	0.02%	0.006%
9	2.492	426	436	446	rBV4	18169	42812	0.59%	0.199%
10	2.589	457	466	482	rVB	102148	179617	2.46%	0.833%
11	2.775	512	524	538	rBV	18412	39256	0.54%	0.182%
12	2.852	545	548	553	rBV5	1859	1809	0.02%	0.008%
13	2.942	571	576	580	rVB8	1193	1181	0.02%	0.005%
14	3.457	734	736	743	rVB6	2310	2602	0.04%	0.012%
15	3.515	750	754	755	rBV4	1872	1113	0.02%	0.005%
16	3.595	776	779	782	rBV5	1543	1209	0.02%	0.006%
17	3.788	819	839	856	rBV3	41571	112999	1.55%	0.524%
18	3.894	862	872	900	rBV	115187	296020	4.05%	1.373%
19	4.103	932	937	938	rBV5	5152	3728	0.05%	0.017%
20	4.245	979	981	984	rBV3	1403	1101	0.02%	0.005%
21	4.373	1001	1021	1041	rBV	243934	594123	8.14%	2.755%
22	4.701	1106	1123	1141	rBV3	57748	145534	1.99%	0.675%
23	4.814	1151	1158	1159	rBV6	2128	2138	0.03%	0.010%
24	4.962	1194	1204	1205	rBV9	3513	5043	0.07%	0.023%
25	5.071	1218	1238	1243	rBV2	600419	1372266	18.79%	6.364%
26	5.122	1244	1254	1281	rVB	3389579	7302786	100.00%	33.868%
27	5.386	1326	1336	1361	rVB	81616	180483	2.47%	0.837%
28	5.640	1402	1415	1439	rBV	460293	920392	12.60%	4.268%
29	5.923	1491	1503	1504	rBV10	5309	6165	0.08%	0.029%
30	6.093	1541	1556	1582	rBV	335501	698099	9.56%	3.238%
31	6.383	1643	1646	1648	rBV4	2223	1397	0.02%	0.006%
32	6.479	1673	1676	1681	rVV7	1936	1670	0.02%	0.008%
33	6.675	1735	1737	1744	rVB8	2153	1591	0.02%	0.007%
34	6.826	1775	1784	1794	rVB8	5007	9141	0.13%	0.042%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016559.D
Acq On : 06 Jun 2020 01:17
Operator : SY/MD
Sample : L2862-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D88

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	6.881	1794	1801	1804	rVB7	1339	1167	0.02%	0.005%
36	7.007	1829	1840	1860	rBV	187405	336771	4.61%	1.562%
37	7.338	1930	1943	1959	rBV	705044	1207992	16.54%	5.602%
38	7.415	1961	1967	1980	rVB	19618	34705	0.48%	0.161%
39	7.547	1998	2008	2021	rVB6	8537	18030	0.25%	0.084%
40	7.643	2028	2038	2050	rBV	126334	211562	2.90%	0.981%
41	7.724	2056	2063	2067	rVB8	3831	4361	0.06%	0.020%
42	7.765	2073	2076	2082	rVB8	2455	1738	0.02%	0.008%
43	7.868	2096	2108	2120	rBV8	4514	10292	0.14%	0.048%
44	8.106	2171	2182	2208	rBV	434612	755692	10.35%	3.505%
45	8.238	2216	2223	2239	rVB2	32253	58471	0.80%	0.271%
46	8.492	2297	2302	2304	rBV5	1670	1156	0.02%	0.005%
47	8.531	2311	2314	2319	rVV6	2315	2760	0.04%	0.013%
48	8.572	2323	2327	2330	rVB5	1498	1207	0.02%	0.006%
49	8.788	2391	2394	2398	rVV4	1767	1403	0.02%	0.007%
50	8.875	2409	2421	2430	rBV	688637	1111741	15.22%	5.156%
51	9.035	2460	2471	2486	rBV	153273	243973	3.34%	1.131%
52	9.164	2506	2511	2529	rVB3	32527	56287	0.77%	0.261%
53	9.283	2538	2548	2556	rBV3	43679	76813	1.05%	0.356%
54	9.408	2577	2587	2598	rBV2	28539	48007	0.66%	0.223%
55	9.473	2598	2607	2617	rBV3	29904	57151	0.78%	0.265%
56	9.566	2628	2636	2652	rVB2	30143	51039	0.70%	0.237%
57	9.740	2676	2690	2700	rBV4	21400	42843	0.59%	0.199%
58	9.826	2708	2717	2726	rVB4	17560	30639	0.42%	0.142%
59	9.887	2728	2736	2747	rVB3	24367	39630	0.54%	0.184%
60	9.955	2749	2757	2764	rBV2	14101	23004	0.32%	0.107%
61	10.106	2797	2804	2815	rVB4	12610	21162	0.29%	0.098%
62	10.183	2821	2828	2834	rBV8	8498	14114	0.19%	0.065%
63	10.238	2834	2845	2860	rVB	481802	762446	10.44%	3.536%
64	10.312	2861	2868	2876	rBV3	11944	16947	0.23%	0.079%
65	10.383	2884	2890	2898	rVB2	16084	23807	0.33%	0.110%
66	10.524	2927	2934	2943	rVB4	21667	33658	0.46%	0.156%
67	10.666	2973	2978	2980	rBV5	1885	1741	0.02%	0.008%
68	10.717	2984	2994	3001	rBV10	9230	17551	0.24%	0.081%
69	10.797	3002	3019	3028	rBV5	35913	99214	1.36%	0.460%
70	11.270	3155	3166	3187	rVV	734142	1145836	15.69%	5.314%
71	11.360	3188	3194	3201	rVB	18275	23191	0.32%	0.108%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016559.D
Acq On : 06 Jun 2020 01:17
Operator : SY/MD
Sample : L2862-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D88

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	11.479	3222	3231	3242	rBV8	13808	30086	0.41%	0.140%
73	11.553	3245	3254	3266	rVB	60666	109362	1.50%	0.507%
74	11.646	3273	3283	3295	rVB	756594	1169075	16.01%	5.422%
75	11.775	3316	3323	3333	rVB7	15567	25090	0.34%	0.116%
76	11.829	3333	3340	3349	rBV6	15375	24662	0.34%	0.114%
77	12.138	3430	3436	3451	rVB2	29604	53304	0.73%	0.247%
78	12.392	3507	3515	3520	rBV9	6308	10490	0.14%	0.049%
79	12.907	3667	3675	3686	rBV2	25186	40626	0.56%	0.188%
80	13.077	3720	3728	3738	rVB5	18192	33947	0.46%	0.157%
81	13.241	3775	3779	3788	rVB10	5697	7346	0.10%	0.034%
82	13.331	3803	3807	3808	rBV3	2908	2317	0.03%	0.011%
83	13.476	3849	3852	3854	rBV3	2071	1595	0.02%	0.007%
84	13.527	3859	3868	3880	rVV	16105	28922	0.40%	0.134%
85	13.601	3888	3891	3893	rBV4	2473	1811	0.02%	0.008%
86	13.646	3896	3905	3916	rBV	35219	60025	0.82%	0.278%
87	13.788	3945	3949	3961	rVB	3620	5283	0.07%	0.025%
88	13.868	3967	3974	3982	rBV	6866	12811	0.18%	0.059%
89	14.260	4093	4096	4098	rBV3	1896	1411	0.02%	0.007%
90	14.318	4108	4114	4123	rVB4	10568	13843	0.19%	0.064%
91	14.463	4152	4159	4167	rVB4	4893	7333	0.10%	0.034%
92	14.604	4196	4203	4213	rVB5	9418	15263	0.21%	0.071%
93	14.662	4218	4221	4224	rBV3	1995	1488	0.02%	0.007%
94	14.681	4224	4227	4232	rVV6	1894	2164	0.03%	0.010%
95	14.723	4234	4240	4253	rVB6	3857	7963	0.11%	0.037%
96	14.849	4272	4279	4292	rVB7	16406	30098	0.41%	0.140%
97	14.980	4315	4320	4328	rBV7	2533	2947	0.04%	0.014%
98	15.167	4374	4378	4382	rBV6	1725	1275	0.02%	0.006%
99	15.344	4429	4433	4434	rBV3	1616	1190	0.02%	0.006%
100	15.791	4567	4572	4575	rBV5	2163	2209	0.03%	0.010%

Sum of corrected areas: 21562752

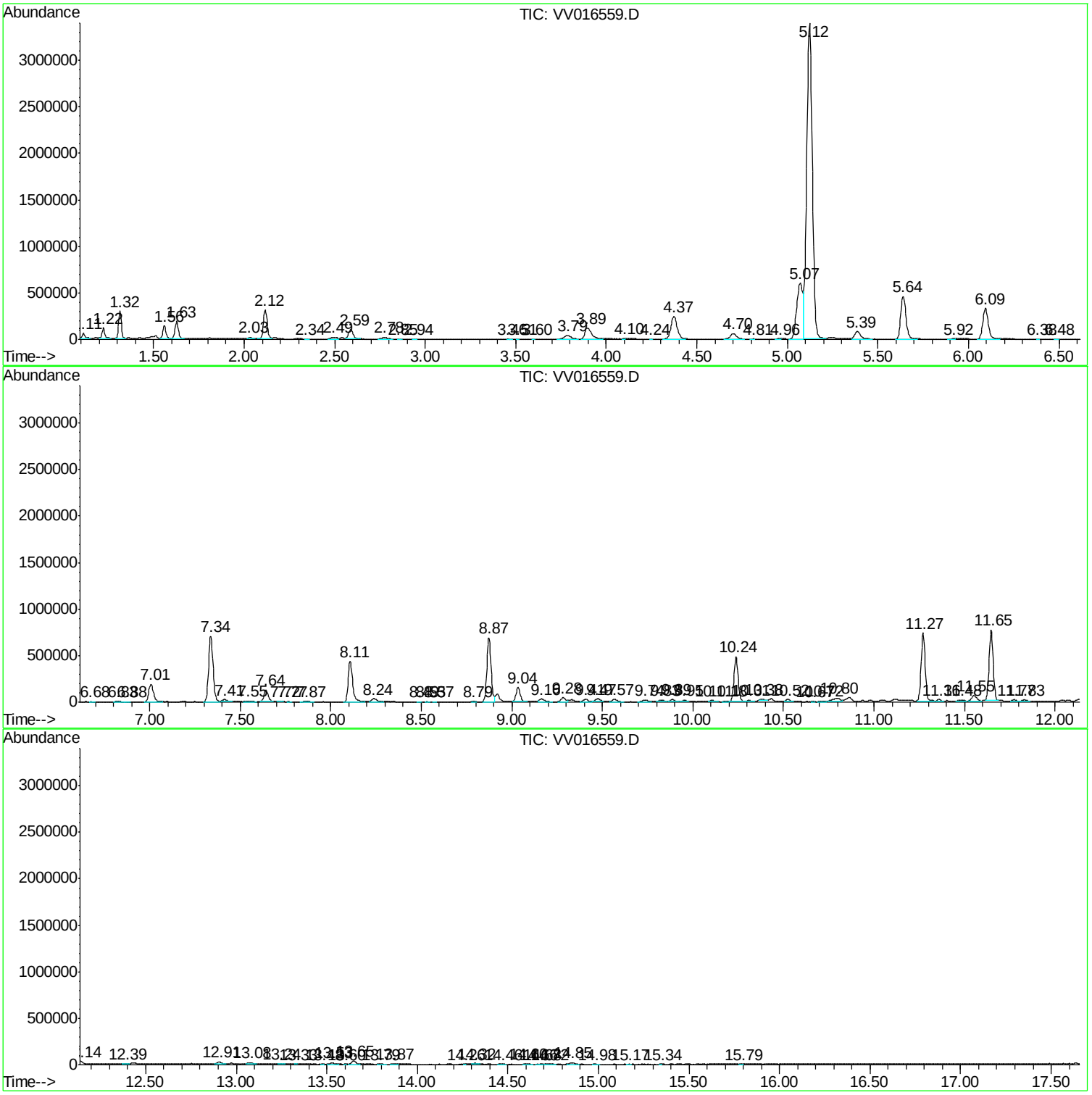
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016559.D
Acq On : 06 Jun 2020 01:17
Operator : SY/MD
Sample : L2862-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D88

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 : VV016559.D
Acq On : 06 Jun 2020 01:17
Operator : SY/MD
Sample : L2862-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D88

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

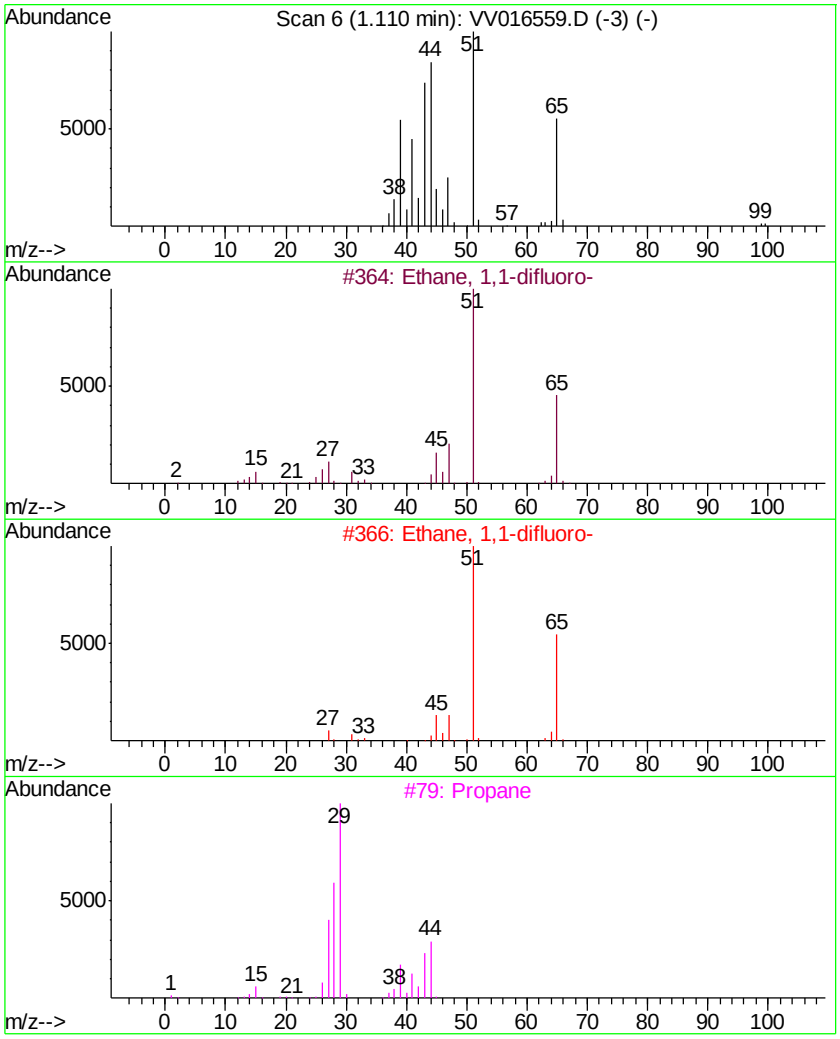
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

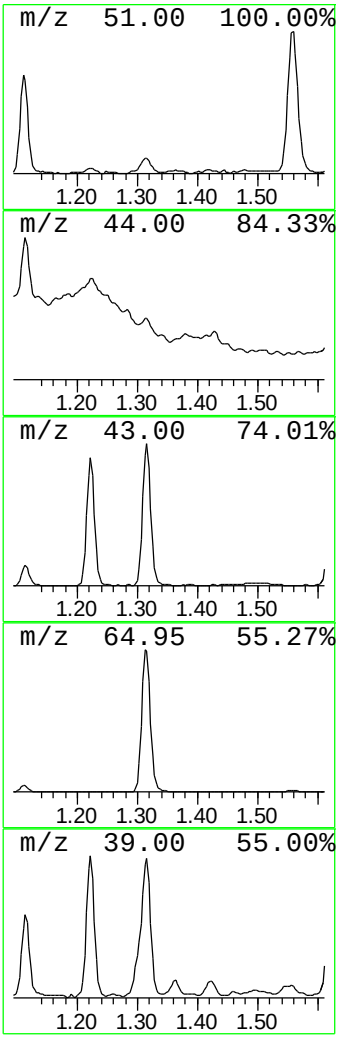
****

Peak Number 1 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.11	2.71 ug/L	49867	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	45
2	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	42
3	Propane	44	C3H8	000074-98-6	10
4	Propane	44	C3H8	000074-98-6	10
5	Propane	44	C3H8	000074-98-6	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016559.D
Acq On : 06 Jun 2020 01:17
Operator : SY/MD
Sample : L2862-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D88

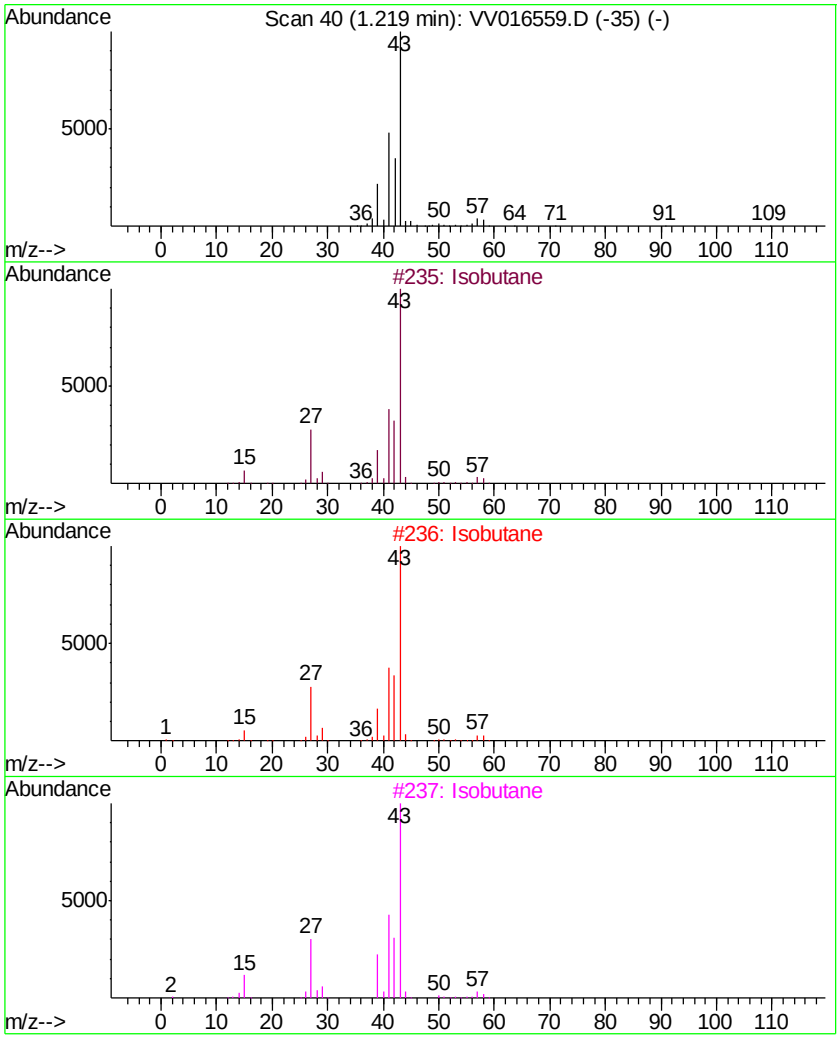
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

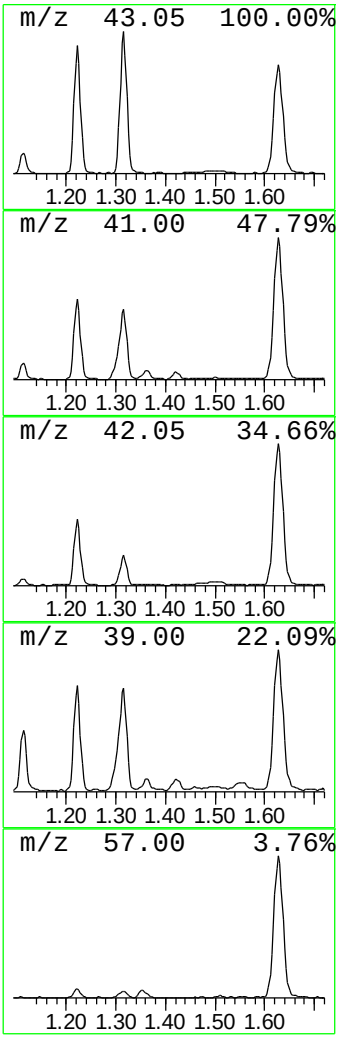
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	5.69 ug/L	104731	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	53
5	Isobutyl nitrite	103	C4H9NO2	000542-56-3	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016559.D
Acq On : 06 Jun 2020 01:17
Operator : SY/MD
Sample : L2862-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D88

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

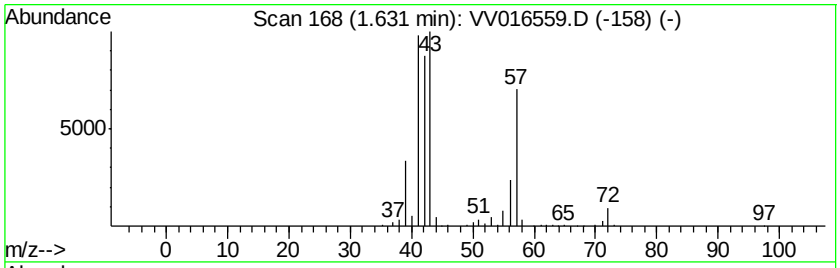
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

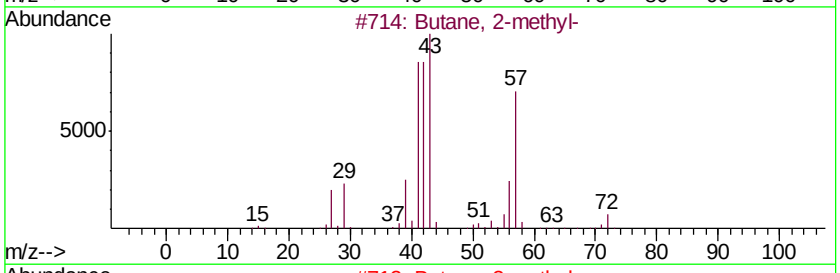
****

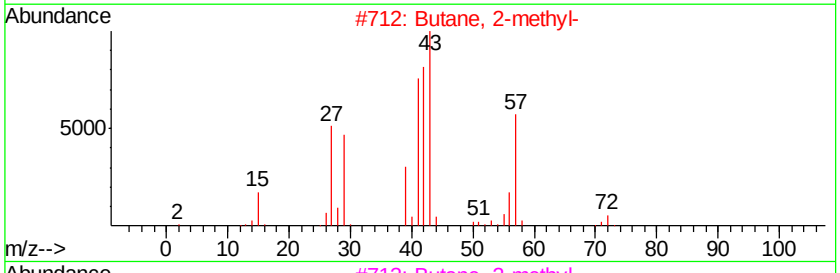
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

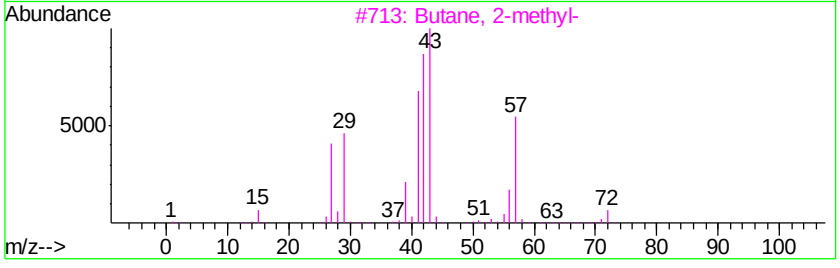
R.T.	EstConc	Area	Relative to ISTD	R.T.
1.63	12.95 ug/L	238302	1,4-Difluorobenzene	5.64

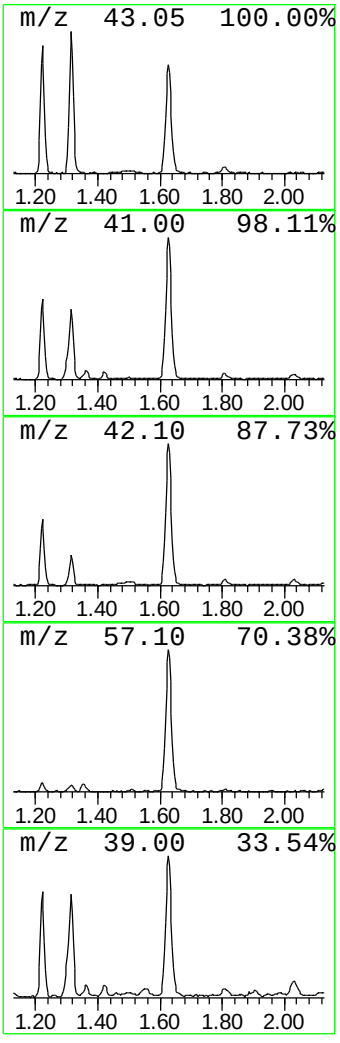
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	94
2	Butane, 2-methyl-	72	C5H12	000078-78-4	91
3	Butane, 2-methyl-	72	C5H12	000078-78-4	90
4	Isobutylene epoxide	72	C4H8O	000558-30-5	40
5	Pentane	72	C5H12	000109-66-0	33











Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016559.D
Acq On : 06 Jun 2020 01:17
Operator : SY/MD
Sample : L2862-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D88

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

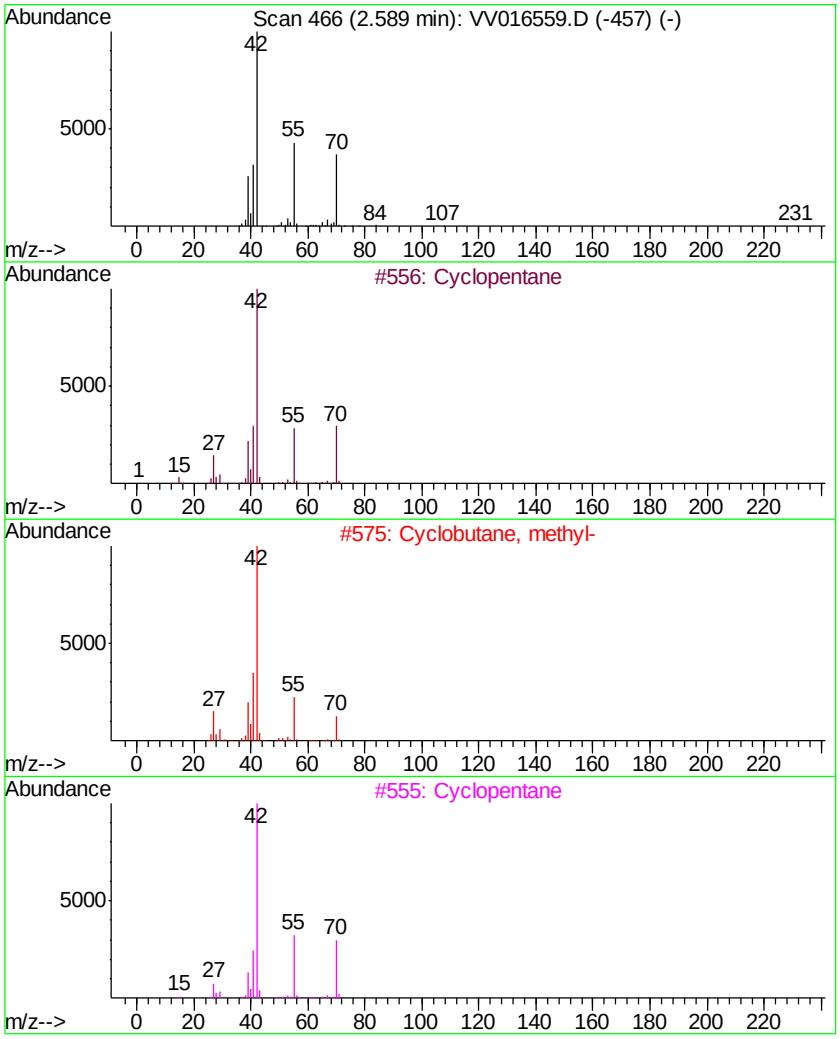
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

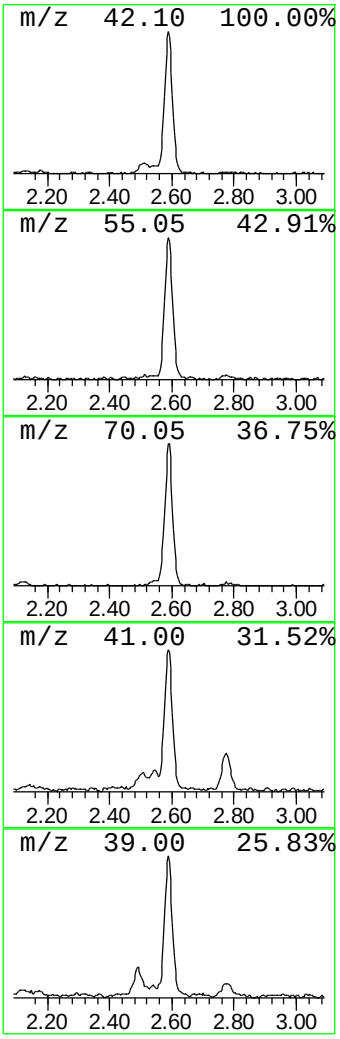
****

Peak Number 4 (DEL) Alkane: Cyclic2.59 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.59	9.76 ug/L	179617	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	86
3	Cyclopentane	70	C5H10	000287-92-3	72
4	1-Pentene	70	C5H10	000109-67-1	64
5	Cyclobutane, methyl-	70	C5H10	000598-61-8	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016559.D
Acq On : 06 Jun 2020 01:17
Operator : SY/MD
Sample : L2862-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D88

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

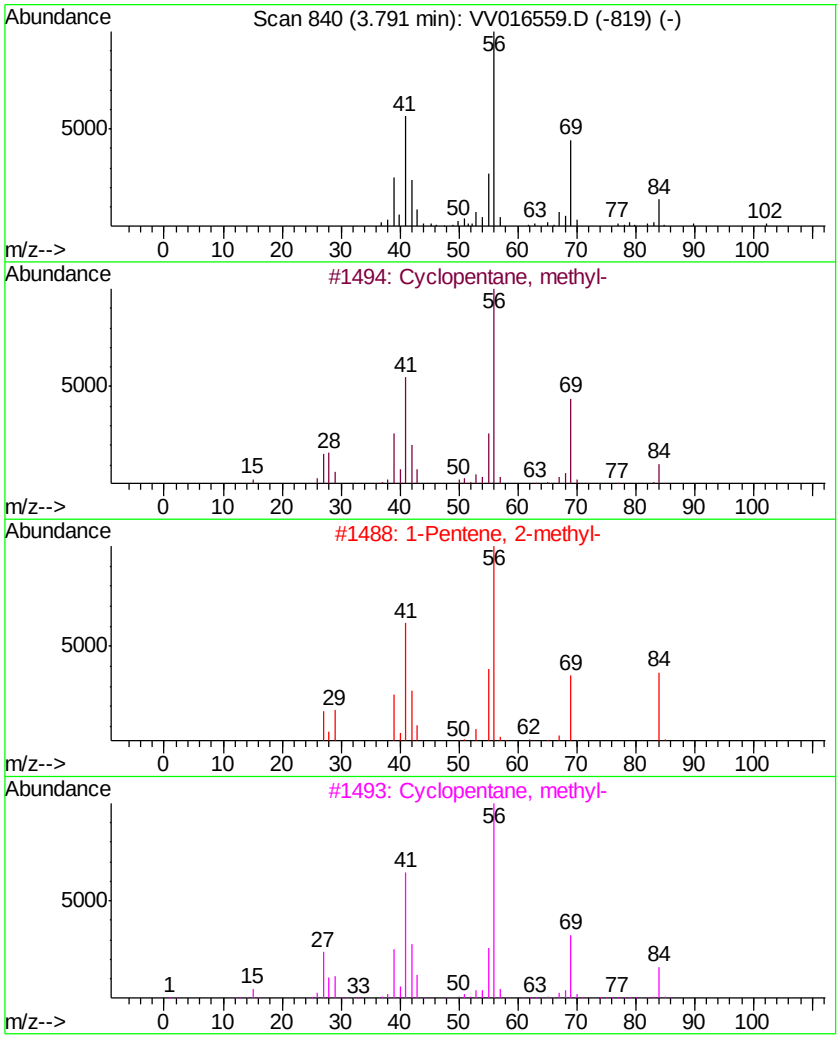
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

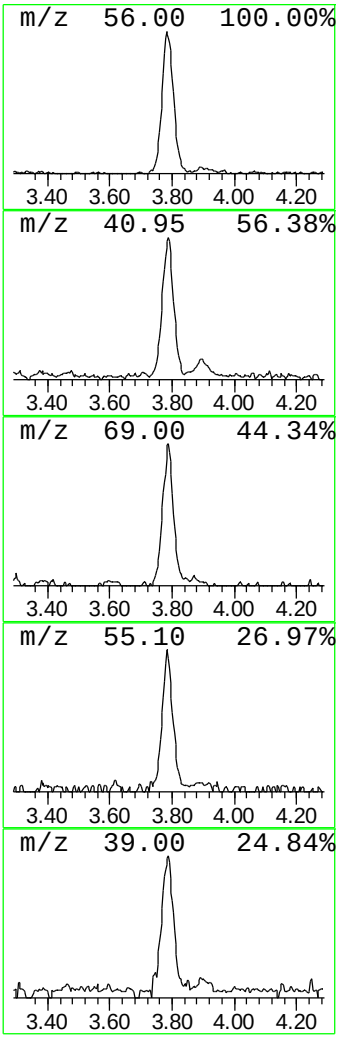
****

Peak Number 5 (DEL) Alkane: Cyclic3.79 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.79	6.14 ug/L	112999	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	93
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	87
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	83
4	Cyclohexane	84	C6H12	000110-82-7	80
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016559.D
Acq On : 06 Jun 2020 01:17
Operator : SY/MD
Sample : L2862-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D88

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

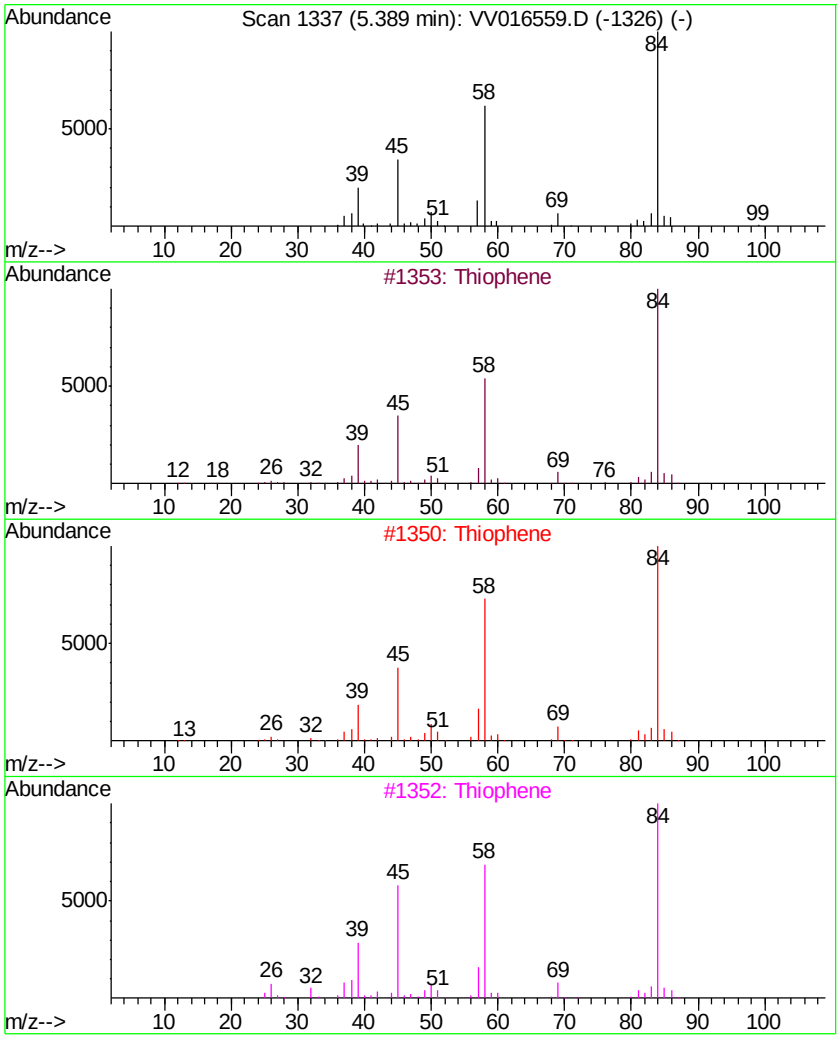
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

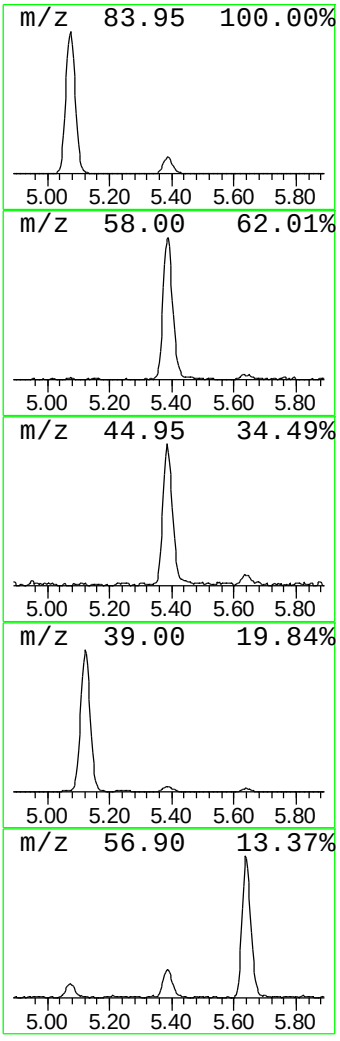
****

Peak Number 6 Thiophene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	9.80 ug/L	180483	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene	84	C4H4S	000110-02-1	95
2	Thiophene	84	C4H4S	000110-02-1	91
3	Thiophene	84	C4H4S	000110-02-1	91
4	Thiophene	84	C4H4S	000110-02-1	91
5	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	37





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016559.D
Acq On : 06 Jun 2020 01:17
Operator : SY/MD
Sample : L2862-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D88

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

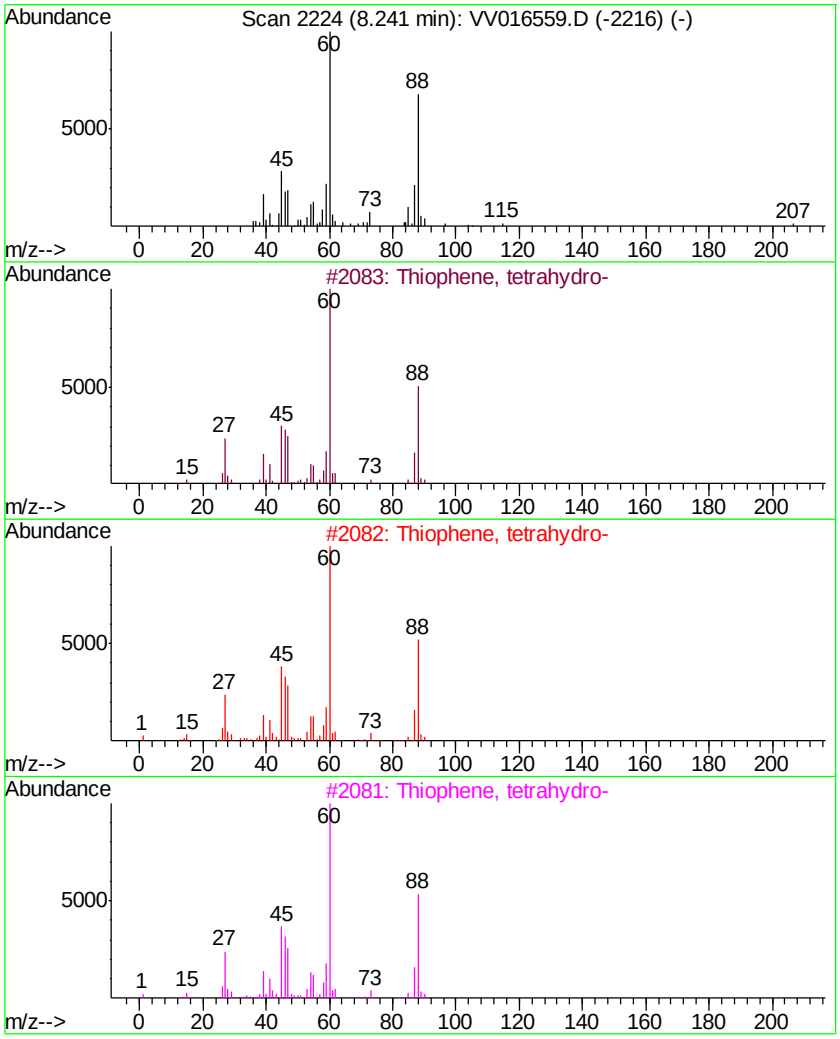
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

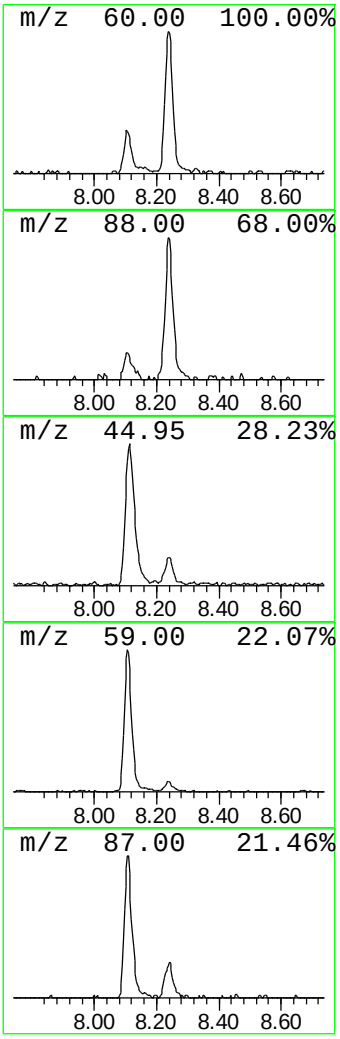
****

Peak Number 8 Thiophene, tetrahydro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	2.63 ug/L	58471	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	87
2	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	80
3	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	74
4	Thietane, 2-methyl-	88	C4H8S	017837-41-1	72
5	Ethylvinyl sulfide	88	C4H8S	000627-50-9	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016559.D
Acq On : 06 Jun 2020 01:17
Operator : SY/MD
Sample : L2862-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D88

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

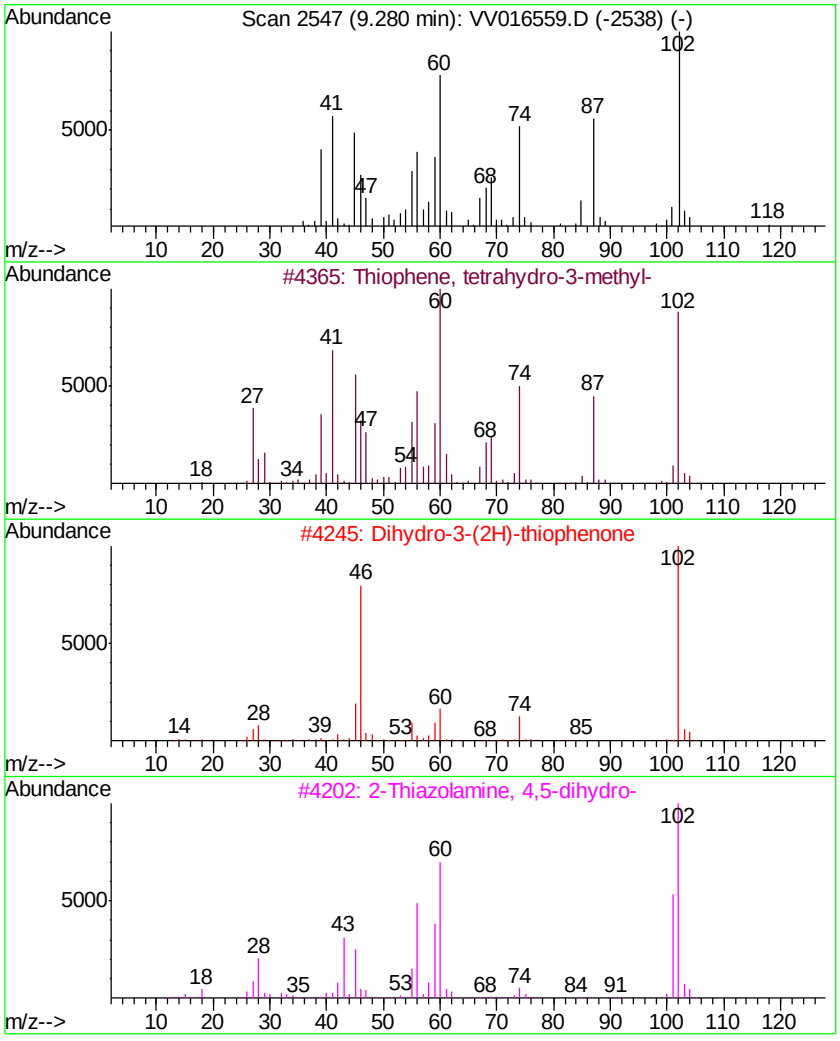
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

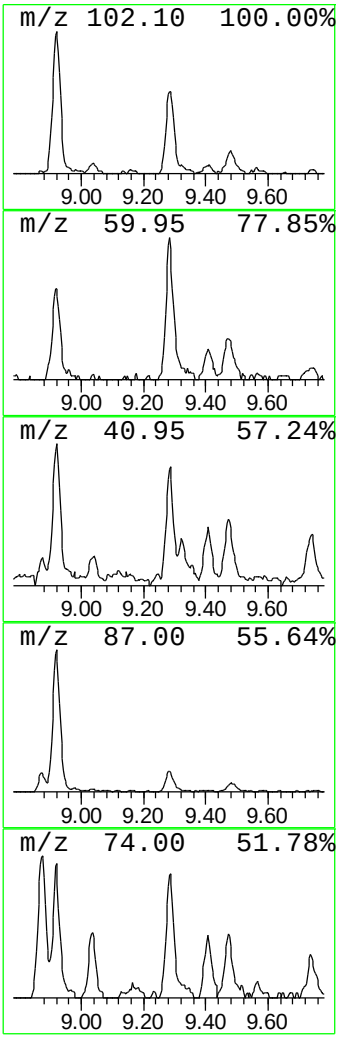
****

Peak Number 9 Thiophene, tetrahydro-3-met... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	3.45 ug/L	76813	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-3-methyl-	102	C5H10S	004740-00-5	93
2	Dihydro-3-(2H)-thiophenone	102	C4H6OS	001003-04-9	70
3	2-Thiazolamine, 4,5-dihydro-	102	C3H6N2S	001779-81-3	52
4	2-Thiazolamine, 4,5-dihydro-	102	C3H6N2S	001779-81-3	43
5	Thiophene, tetrahydro-2-methyl-	102	C5H10S	001795-09-1	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016559.D
Acq On : 06 Jun 2020 01:17
Operator : SY/MD
Sample : L2862-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D88

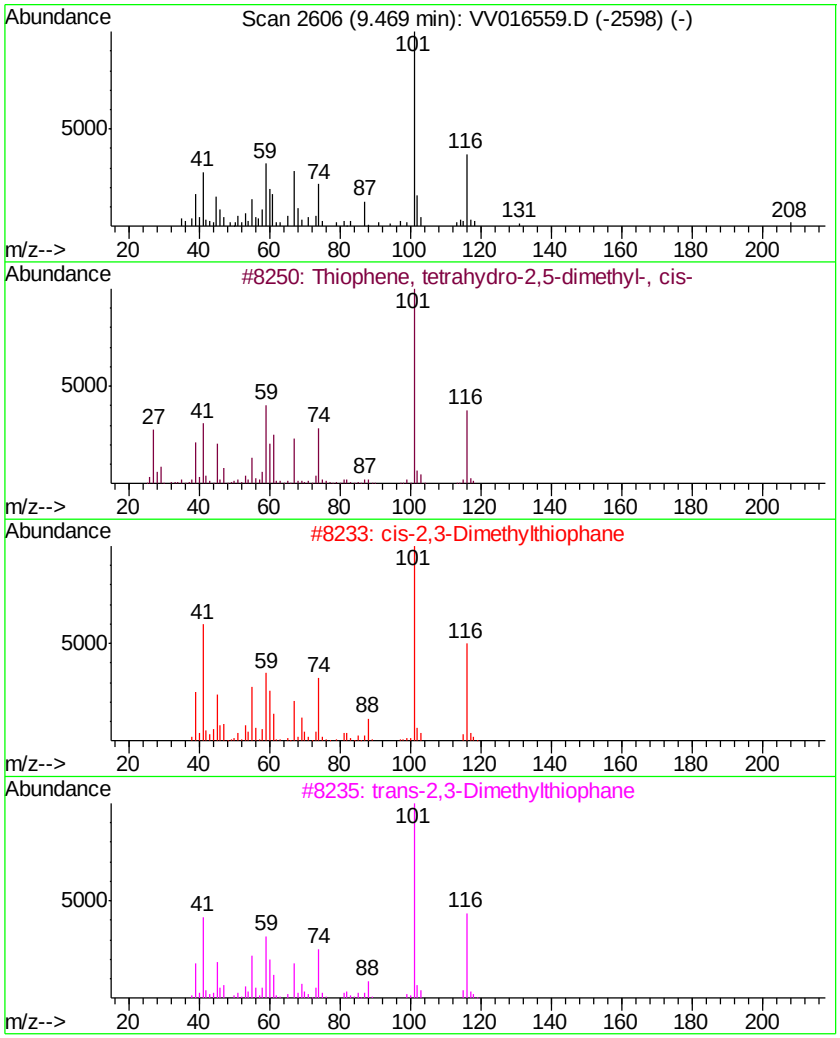
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

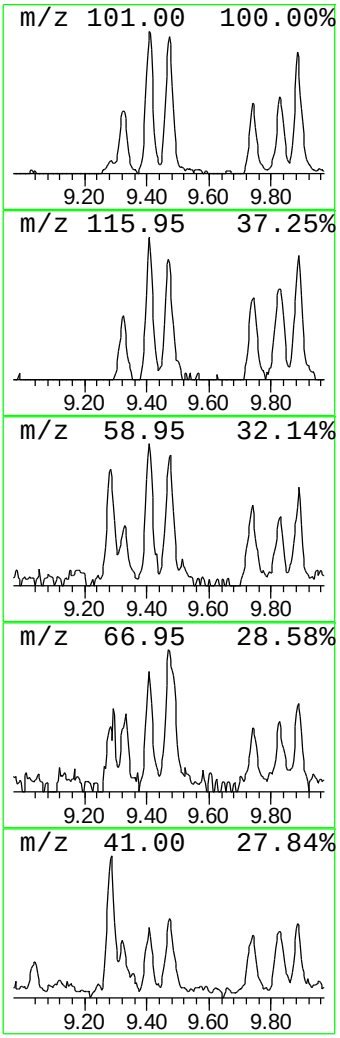
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Thiophene, tetrahydro-2,5-d... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	2.57 ug/L	57151	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	93
2	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	91
3	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	87
4	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	81
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 : VV016559.D
Acq On : 06 Jun 2020 01:17
Operator : SY/MD
Sample : L2862-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D88

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

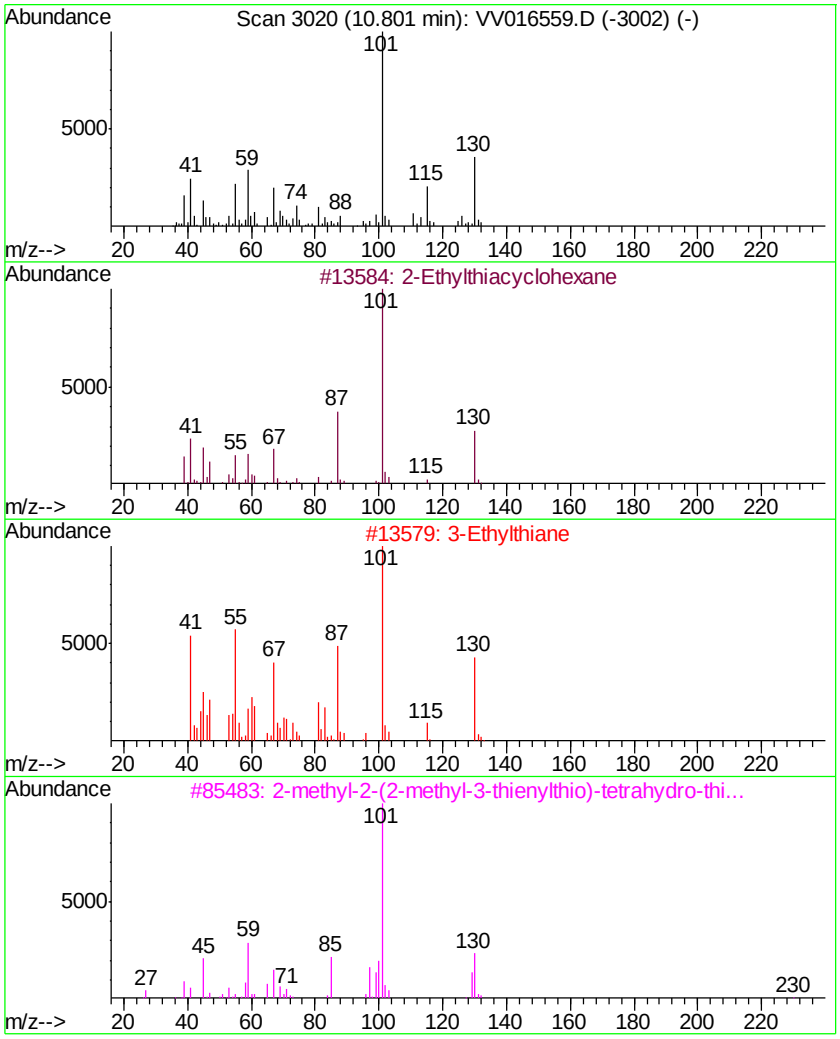
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

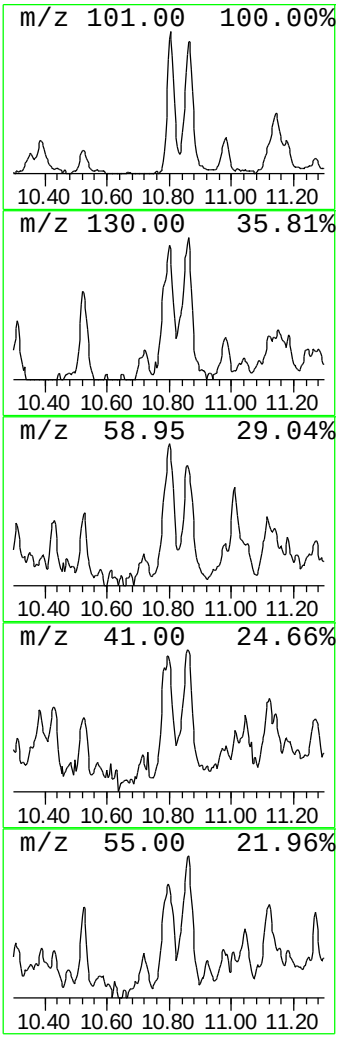
****

Peak Number 11 2-Ethylthiacyclohexane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	4.33 ug/L	99214	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylthiacyclohexane	130	C7H14S	001613-52-1	62
2	3-Ethylthiane	130	C7H14S	061568-48-7	49
3	2-methyl-2-(2-methyl-3-thienylth...	230	C10H14S3	1000365-97-2	40
4	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	38
5	3H-1,2,4-Triazole-3-thione, 1,2-...	101	C2H3N3S	003179-31-5	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016559.D
Acq On : 06 Jun 2020 01:17
Operator : SY/MD
Sample : L2862-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D88

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

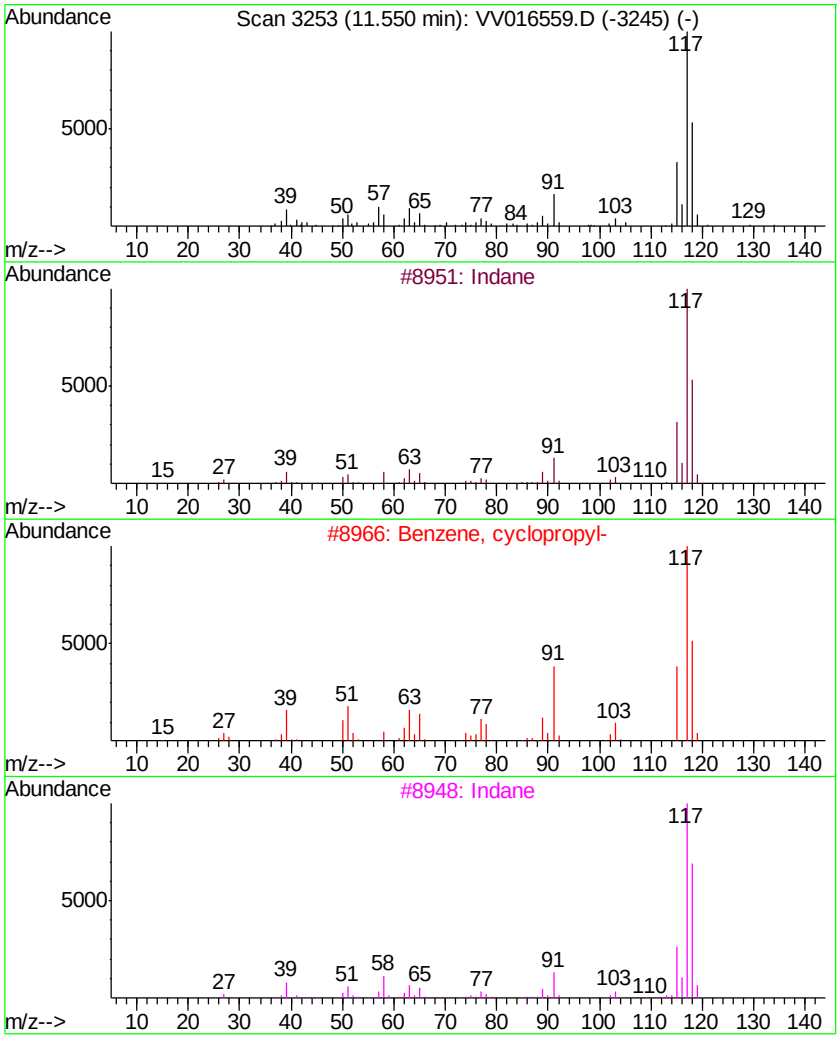
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

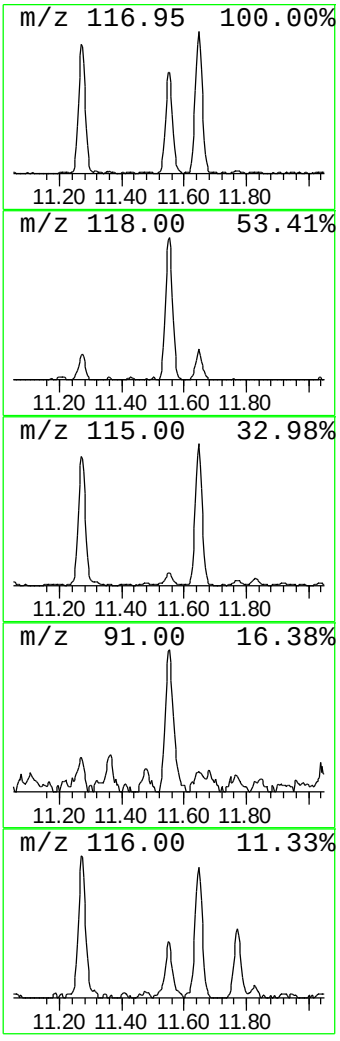
****

Peak Number 12 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	4.77 ug/L	109362	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
3	Indane	118	C9H10	000496-11-7	87
4	Indane	118	C9H10	000496-11-7	87
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	87





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016559.D
Acq On : 06 Jun 2020 01:17
Operator : SY/MD
Sample : L2862-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D88

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

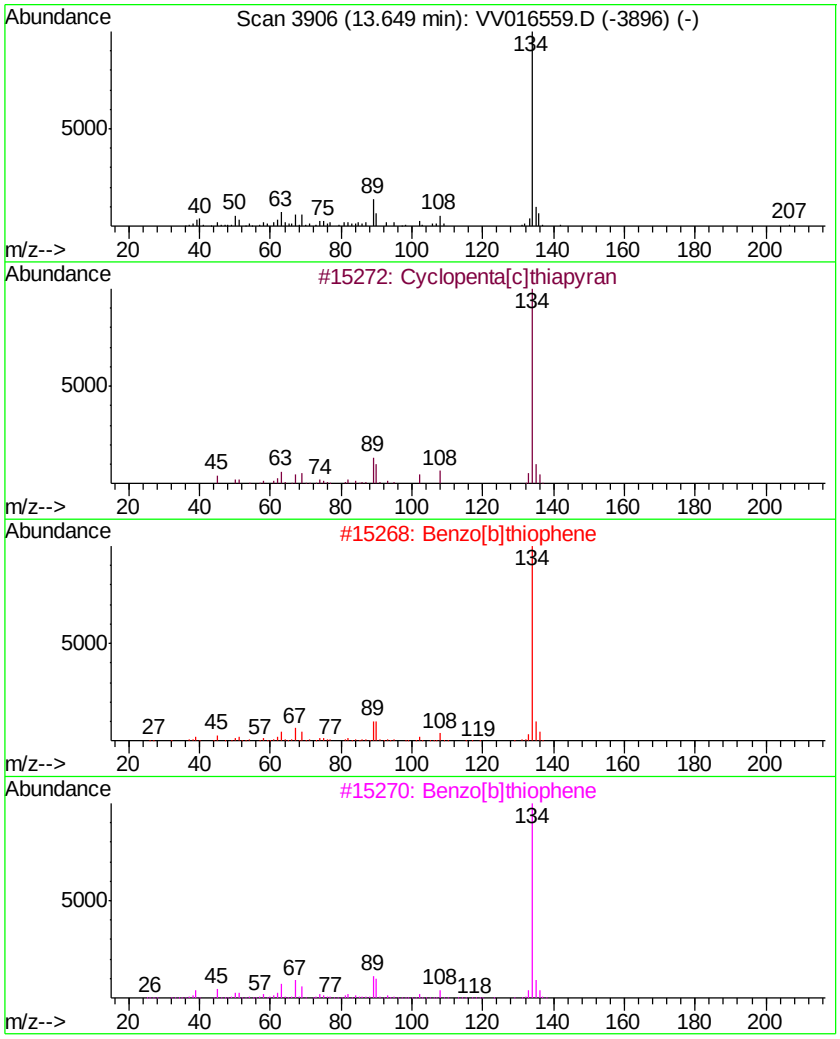
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

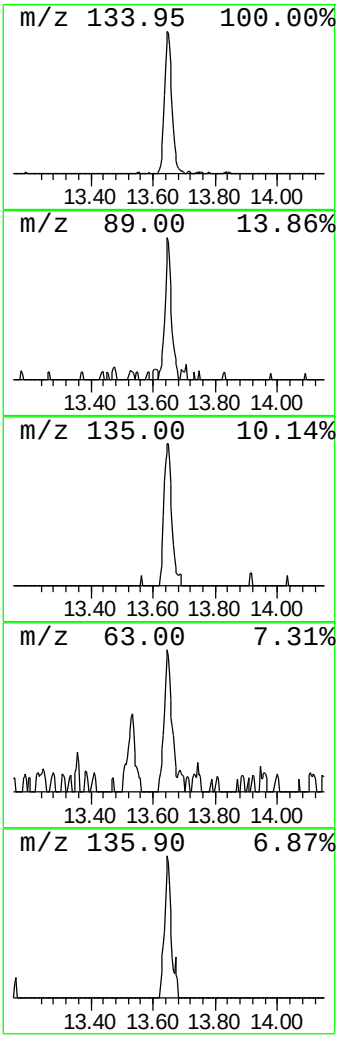
****

Peak Number 13 Cyclopenta[c]thiapyran Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	2.62 ug/L	60025	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	91
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	90
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	87
4	Benzo[c]thiophene	134	C8H6S	000270-82-6	87
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016559.D
Acq On : 06 Jun 2020 01:17
Operator : SY/MD
Sample : L2862-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D88

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
unknown-01	1.11	2.7	ug/L	49867	1	5.64	920392	50.0
(DEL) Alkane: Str...	1.22	5.7	ug/L	104731	1	5.64	920392	50.0
(DEL) Alkane: Str...	1.63	12.9	ug/L	238302	1	5.64	920392	50.0
(DEL) Alkane: Cyc...	2.59	9.8	ug/L	179617	1	5.64	920392	50.0
(DEL) Alkane: Cyc...	3.79	6.1	ug/L	112999	1	5.64	920392	50.0
Thiophene	5.39	9.8	ug/L	180483	1	5.64	920392	50.0
Thiophene, tetrah...	8.24	2.6	ug/L	58471	2	8.87	1111740	50.0
Thiophene, tetrah...	9.28	3.5	ug/L	76813	2	8.87	1111740	50.0
Thiophene, tetrah...	9.47	2.6	ug/L	57151	2	8.87	1111740	50.0
2-Ethylthiacycloh...	10.80	4.3	ug/L	99214	3	11.27	1145840	50.0
Indane	11.55	4.8	ug/L	109362	3	11.27	1145840	50.0
Cyclopenta[c]thia...	13.65	2.6	ug/L	60025	3	11.27	1145840	50.0