LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016558.D
Acq On : 06 Jun 2020 00:53
Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

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	35	41	52	rVB	295236	273753	2.16%	0.880%
2	1.312	63	69	78	rVB	210445	202308	1.59%	0.650%
3	1.557	138	145	157	rVB	129028	154753	1.22%	0.497%
4	1.627	158	167	178	rVB	444451	573600	4.52%	1.843%
5	2.032	287	293	302	rVB2	9668	13443	0.11%	0.043%
6	2.116	309	319	334	rBV	309737	477897	3.77%	1.535%
7	2.508	429	441	448	rBV	31857	68367	0.54%	0.220%
8	2.589	456	466	475	rBV	198918	329458	2.60%	1.059%
9	2.775	511	524	542	rVB	76168	154884	1.22%	0.498%
10	2.958	577	581	582	rBV4	1373	968	0.01%	0.003%
11	3.055	608	611	613	rBV4	772	559	0.00%	0.002%
12	3.106	625	627	631	rVB5	962	650	0.01%	0.002%
13	3.174	645	648	653	rVB5	1638	1443	0.01%	0.005%
14	3.322	692	694	698	rVB4	1103	573	0.00%	0.002%
15	3.373	705	710	711	rBV3	2353	1697	0.01%	0.005%
16	3.444	730	732	735	rBV3	808	598	0.00%	0.002%
17	3.534	756	760	762	rBV4	1431	1121	0.01%	0.004%
18	3.566	766	770	774	rVB5	1561	1299	0.01%	0.004%
19	3.589	774	777	779	rBV4	1608	940	0.01%	0.003%
20	3.618	784	786	792	rVB5	1290	1112	0.01%	0.004%
21	3.685	800	807	809	rBV6	3660	4109	0.03%	0.013%
22	3.785	821	838	856	rBV2	118325	307010	2.42%	0.986%
23	3.894	862	872	901	rVB	117828	296303	2.33%	0.952%
24	4.071	924	927	932	rVB7	1881	2069	0.02%	0.007%
25	4.132	942	946	949	rVB4	1325	957	0.01%	0.003%
26	4.151	949	952	954	rBV4	921	623	0.00%	0.002%
27	4.225	969	975	977	rBV7	1718	1537	0.01%	0.005%
28	4.257	981	985	987	rBV4	1545	937	0.01%	0.003%
29	4.373	1005	1021	1042	rBV	242899	592018	4.67%	1.902%
30	4.482	1047	1055	1070	rVB3	26638	60810	0.48%	0.195%
31	4.566	1079	1081	1085	rVB4	1777	946	0.01%	0.003%
32	4.601	1090	1092	1096	rBV4	1003	619	0.00%	0.002%
33	4.701	1106	1123	1139	rBV2	143791	361463	2.85%	1.161%
34	4.878	1177	1178	1181	rBV3	1056	587	0.00%	0.002%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016558.D
Acq On : 06 Jun 2020 00:53
Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

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	4.968	1181	1206	1221	rBV5	24577	82247	0.65%	0.264%
36	5.071	1221	1238	1242	rBV2	608212	1296317	10.21%	4.165%
37	5.122	1243	1254	1273	rVB	5885644	12690615	100.00%	40.774%
38	5.499	1367	1371	1372	rVV4	1060	679	0.01%	0.002%
39	5.640	1401	1415	1436	rBV	467120	953038	7.51%	3.062%
40	5.849	1478	1480	1482	rVV2	1281	607	0.00%	0.002%
41	5.862	1482	1484	1488	rVV4	1795	1084	0.01%	0.003%
42	5.888	1488	1492	1494	rVB4	1282	923	0.01%	0.003%
43	5.968	1504	1517	1530	rVB6	22091	45895	0.36%	0.147%
44	6.093	1540	1556	1584	rBV2	335952	749478	5.91%	2.408%
45	6.280	1610	1614	1624	rVB2	3240	4463	0.04%	0.014%
46	6.386	1639	1647	1661	rVB10	10460	20517	0.16%	0.066%
47	6.450	1664	1667	1668	rBV3	1182	605	0.00%	0.002%
48	6.486	1668	1678	1689	rVB3	13594	25155	0.20%	0.081%
49	6.576	1694	1706	1708	rBV10	9778	16580	0.13%	0.053%
50	6.656	1721	1731	1745	rVB4	18885	38341	0.30%	0.123%
51	6.733	1752	1755	1760	rVB8	1229	688	0.01%	0.002%
52	6.775	1762	1768	1769	rBV5	2846	2292	0.02%	0.007%
53	6.823	1769	1783	1794	rBV	87326	161629	1.27%	0.519%
54	7.007	1829	1840	1858	rBV	220886	404544	3.19%	1.300%
55	7.161	1879	1888	1911	rVB4	42342	103284	0.81%	0.332%
56	7.289	1917	1928	1931	rBV4	22308	35859	0.28%	0.115%
57	7.338	1932	1943	1959	rVB	705495	1221455	9.62%	3.924%
58	7.515	1991	1998	2014	rVB5	23731	55696	0.44%	0.179%
59	7.640	2020	2037	2058	rBV	133068	296518	2.34%	0.953%
60	7.865	2099	2107	2121	rVB2	40678	71785	0.57%	0.231%
61	7.952	2130	2134	2138	rBV	17710	10342	0.08%	0.033%
62	7.978	2140	2142	2144	rBV3	1366	663	0.01%	0.002%
63	8.035	2158	2160	2170	rVB9	3103	4983	0.04%	0.016%
64	8.106	2170	2182	2213	rBV	462241	823786	6.49%	2.647%
65	8.241	2214	2224	2235	rBV2	64086	113043	0.89%	0.363%
66	8.305	2235	2244	2254	rBV3	62627	107543	0.85%	0.346%
67	8.534	2305	2315	2324	rVB10	11627	19975	0.16%	0.064%
68	8.588	2326	2332	2334	rBV7	1542	1750	0.01%	0.006%
69	8.730	2370	2376	2378	rBV6	3666	4523	0.04%	0.015%
70	8.875	2411	2421	2429	rBV	684161	1076795	8.48%	3.460%
71	8.920	2430	2435	2461	rVB2	154287	271452	2.14%	0.872%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016558.D
Acq On : 06 Jun 2020 00:53
Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

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	9.035	2462	2471	2480	rBV	120791	186692	1.47%	0.600%
73	9.129	2495	2500	2506	rVB	31145	36273	0.29%	0.117%
74	9.283	2537	2548	2557	rBV	176192	313006	2.47%	1.006%
75	9.405	2577	2586	2597	rBV	136355	216242	1.70%	0.695%
76	9.473	2597	2607	2630	rVB2	133978	271313	2.14%	0.872%
77	9.566	2630	2636	2646	rVB8	8297	14506	0.11%	0.047%
78	9.736	2679	2689	2702	rBV4	89624	166321	1.31%	0.534%
79	9.826	2704	2717	2726	rBV2	94605	177774	1.40%	0.571%
80	9.884	2727	2735	2749	rVV2	110707	175712	1.38%	0.565%
81	10.106	2796	2804	2814	rBV3	47974	75517	0.60%	0.243%
82	10.238	2834	2845	2860	rVB	541637	895417	7.06%	2.877%
83	10.309	2862	2867	2873	rVV3	18216	23058	0.18%	0.074%
84	10.431	2900	2905	2914	rVB	77161	108820	0.86%	0.350%
85	10.524	2928	2934	2945	rVB3	36658	53266	0.42%	0.171%
86	10.714	2988	2993	2999	rBV6	15244	20897	0.16%	0.067%
87	10.759	3000	3007	3014	rBV	103565	169947	1.34%	0.546%
88	11.116	3110	3118	3133	rBV5	42669	94480	0.74%	0.304%
89	11.270	3156	3166	3188	rVB	801458	1250092	9.85%	4.016%
90	11.553	3244	3254	3267	rBV2	187554	353492	2.79%	1.136%
91	11.646	3273	3283	3295	rVB	797087	1229073	9.68%	3.949%
92	11.768	3314	3321	3332	rVB2	56053	89698	0.71%	0.288%
93	12.038	3400	3405	3411	rBV3	28000	38625	0.30%	0.124%
94	12.138	3428	3436	3446	rBV	98373	151005	1.19%	0.485%
95	12.903	3667	3674	3686	rVV2	84880	128597	1.01%	0.413%
96	12.974	3690	3696	3708	rVB3	39363	63204	0.50%	0.203%
97	13.649	3898	3906	3915	rVB	38174	57525	0.45%	0.185%
98	13.797	3946	3952	3962	rVB5	13183	24033	0.19%	0.077%
99	14.604	4194	4203	4211	rBV5	15380	25073	0.20%	0.081%
100	14.845	4270	4278	4291	rVB4	55892	109795	0.87%	0.353%

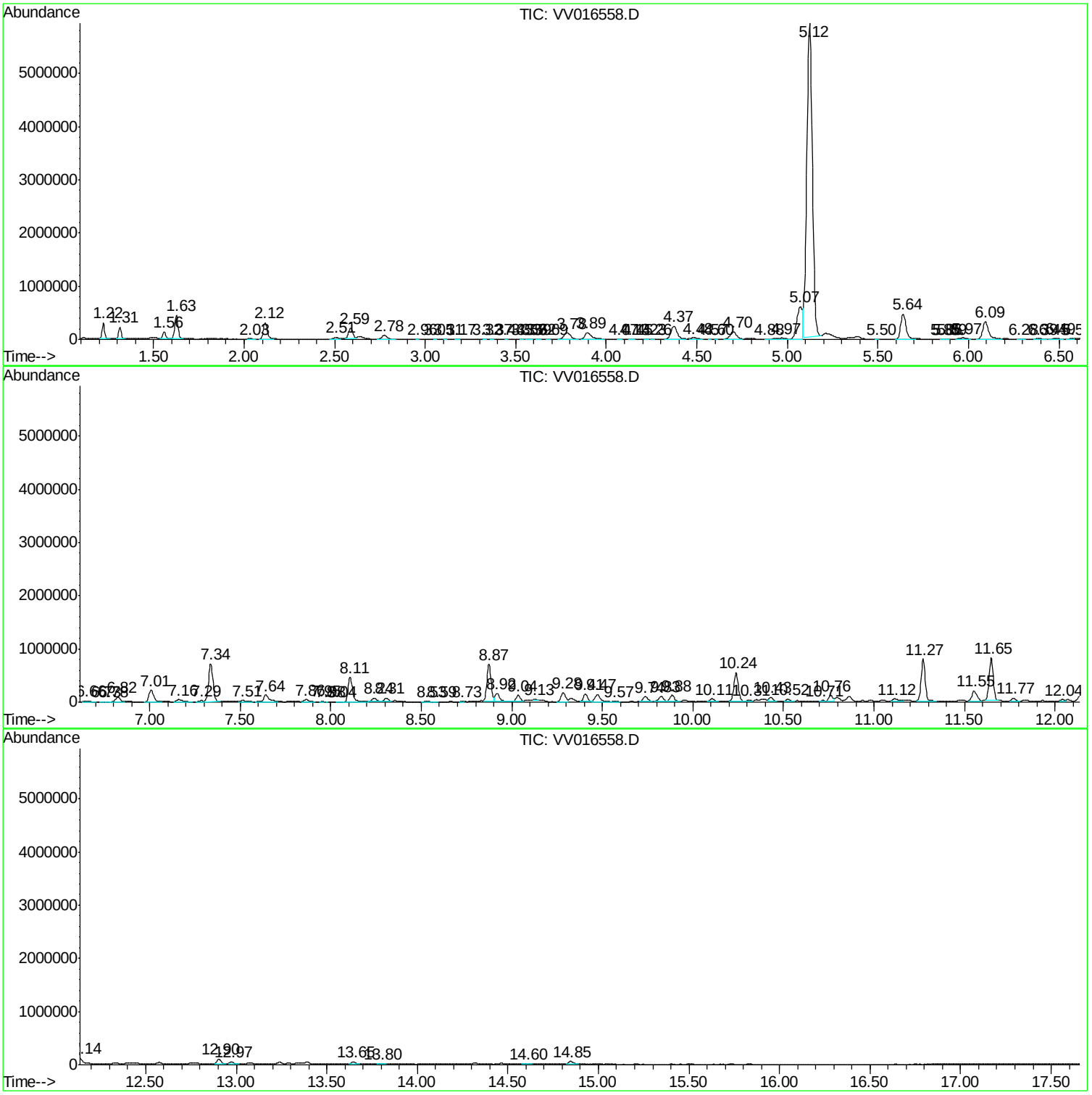
Sum of corrected areas: 31124013

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016558.D
Acq On : 06 Jun 2020 00:53
Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9D74

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 : VV016558.D
Acq On : 06 Jun 2020 00:53
Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

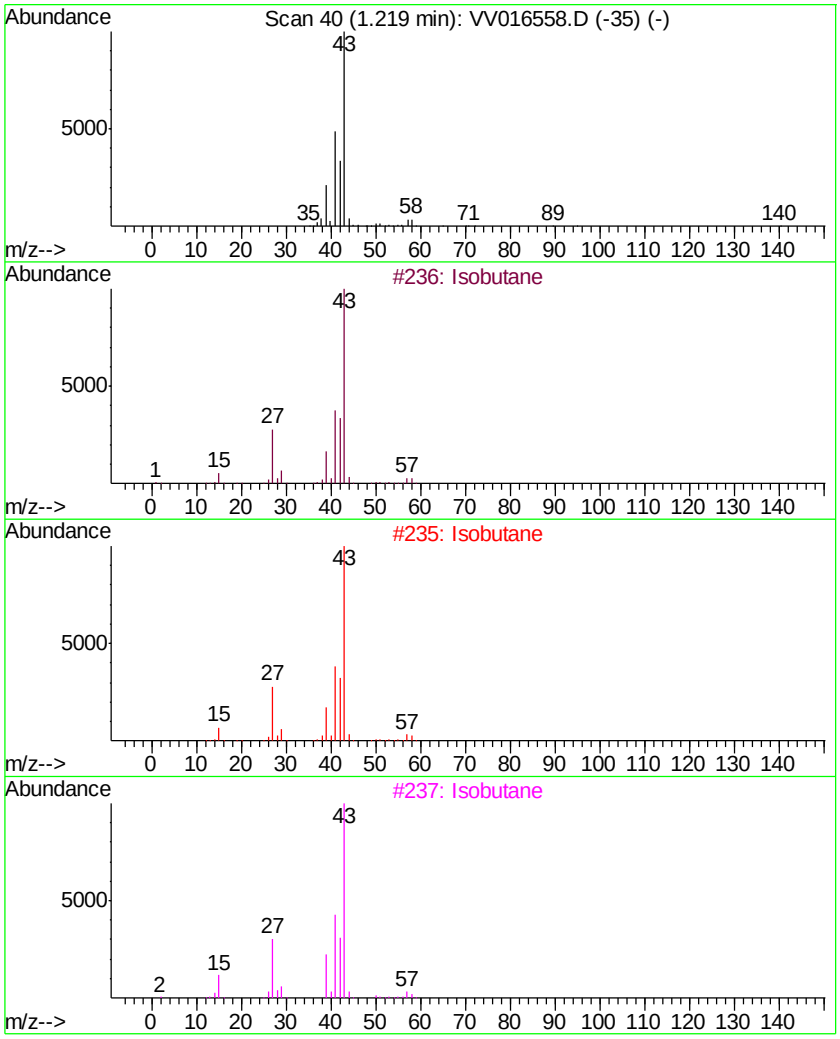
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

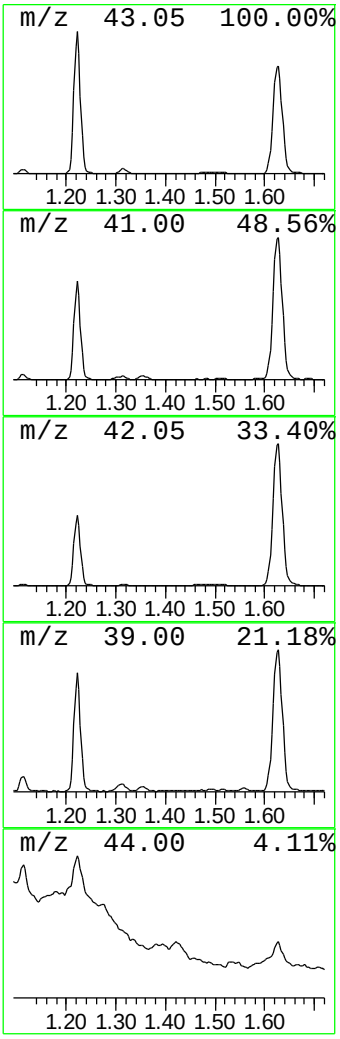
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	14.36 ug/L	273753	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	80
2	Isobutane	58	C4H10	000075-28-5	72
3	Isobutane	58	C4H10	000075-28-5	64
4	Isobutane	58	C4H10	000075-28-5	59
5	Isopropylsulfonyl chloride	142	C3H7ClO2S	010147-37-2	9





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016558.D
Acq On : 06 Jun 2020 00:53
Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

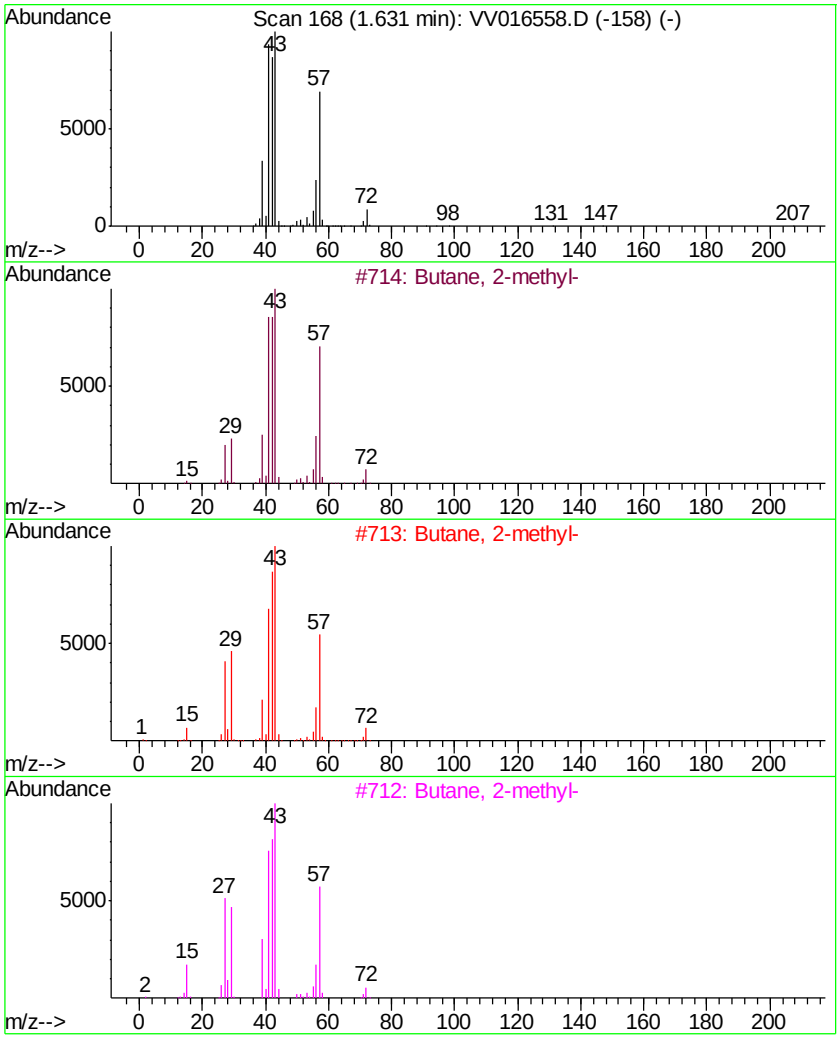
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

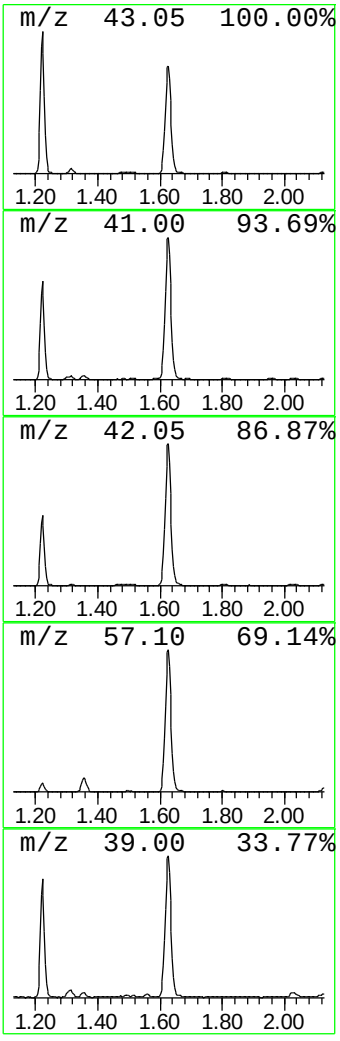
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.63	30.09 ug/L	573600	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	Cyclobutane, methyl-	70	C5H10	000598-61-8	38
5	3-Buten-1-ol	72	C4H8O	000627-27-0	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016558.D
Acq On : 06 Jun 2020 00:53
Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

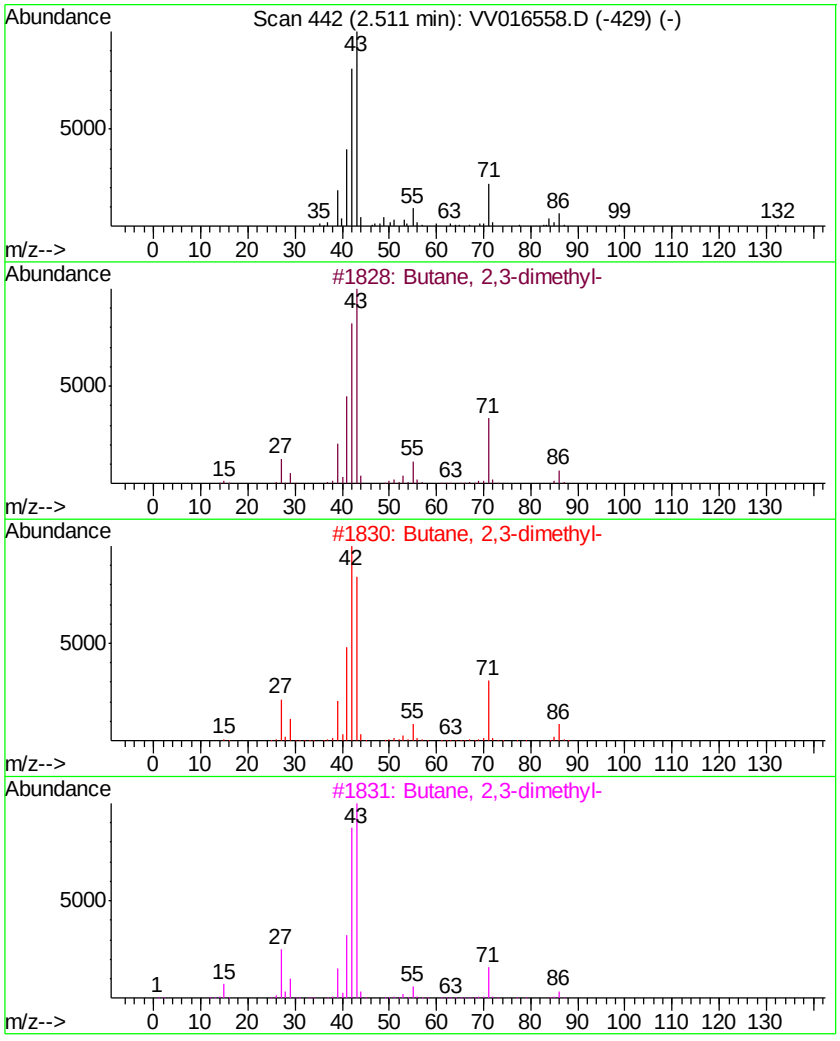
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

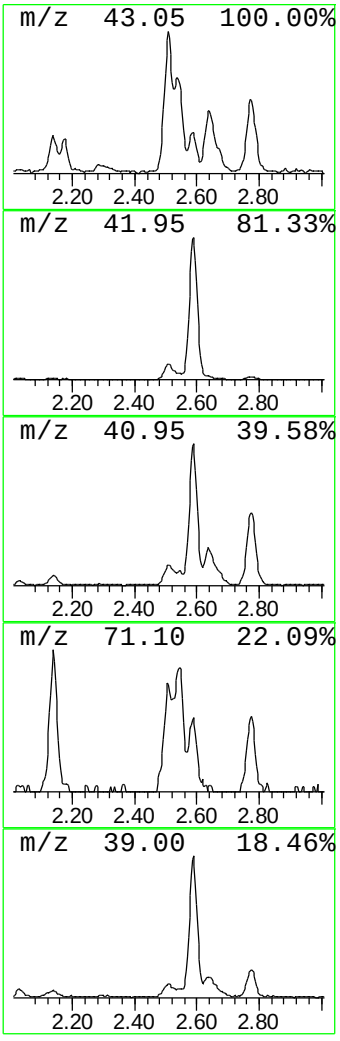
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.51	3.59 ug/L	68367	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	87
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	74
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	53
5	Tetrahydrofuran	72	C4H8O	000109-99-9	36





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016558.D
Acq On : 06 Jun 2020 00:53
Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

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

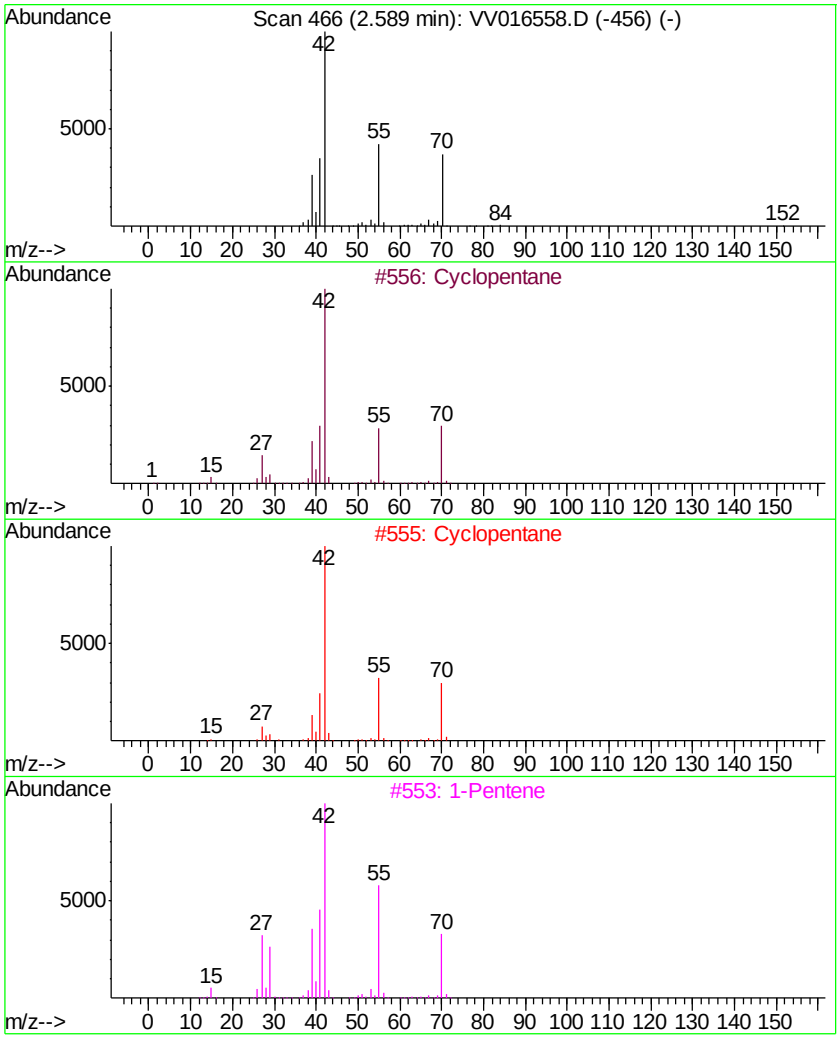
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

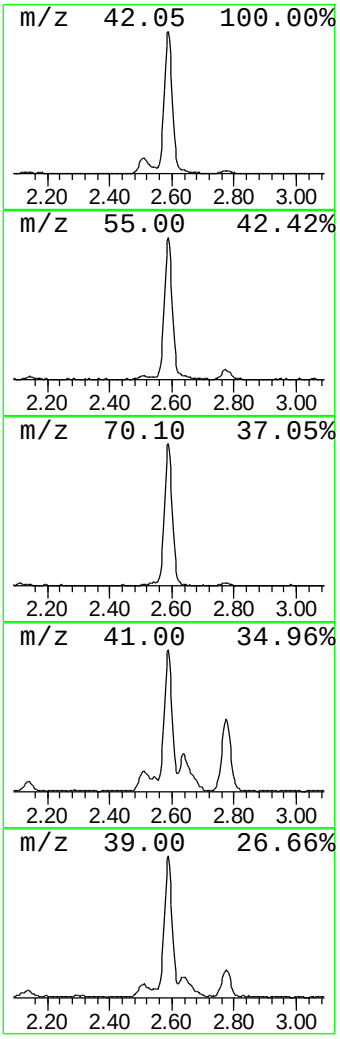
****

Peak Number 4 (DEL) Alkane: Cyclic2.59 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.59	17.28 ug/L	329458	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	86
2	Cyclopentane	70	C5H10	000287-92-3	86
3	1-Pentene	70	C5H10	000109-67-1	78
4	1-Pentene	70	C5H10	000109-67-1	56
5	Cyclobutanone	70	C4H6O	001191-95-3	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016558.D
Acq On : 06 Jun 2020 00:53
Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

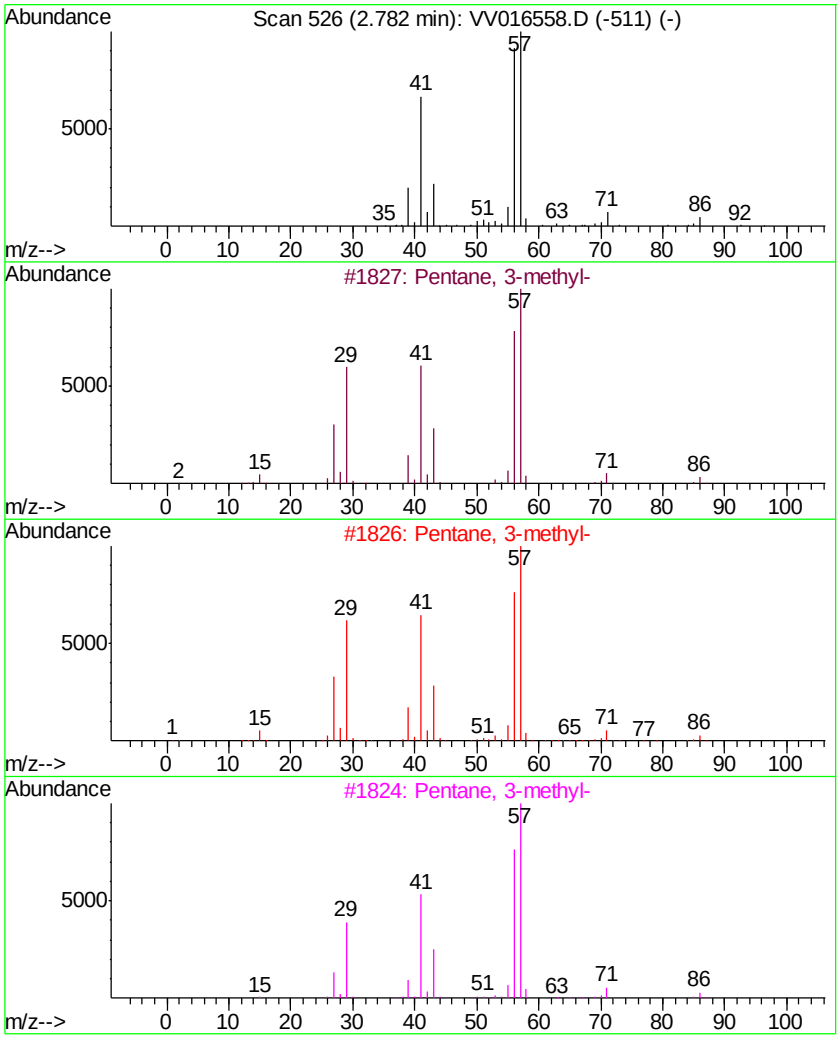
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

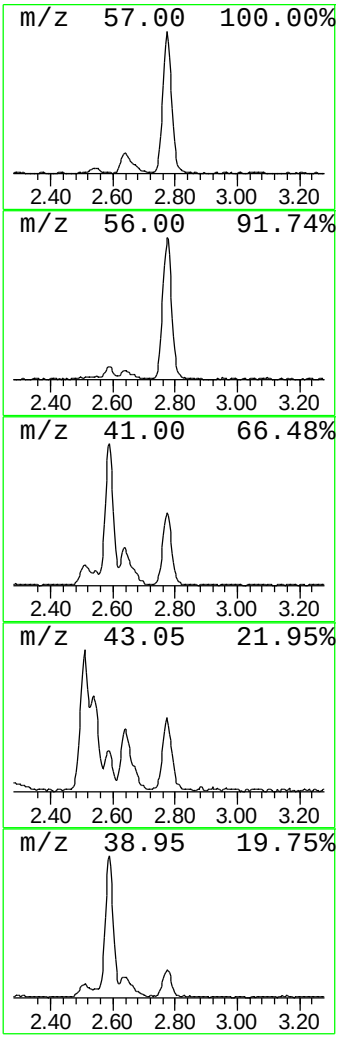
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	8.13 ug/L	154884	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	90
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016558.D
Acq On : 06 Jun 2020 00:53
Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

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

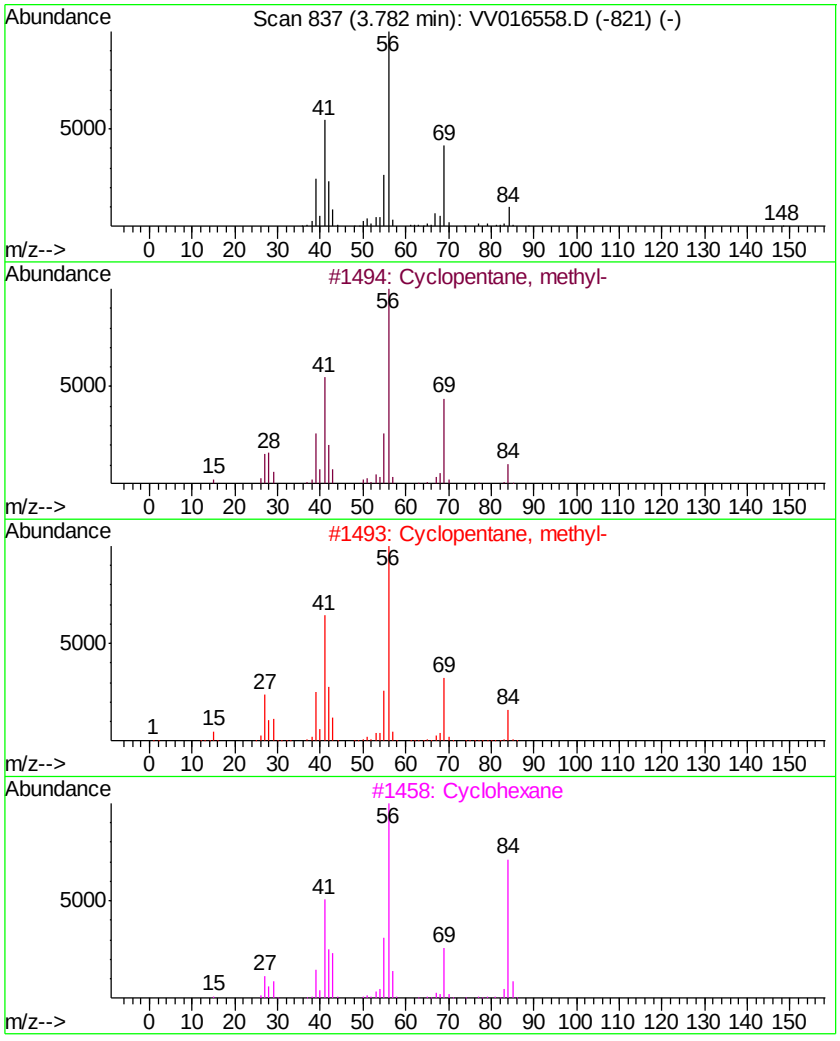
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

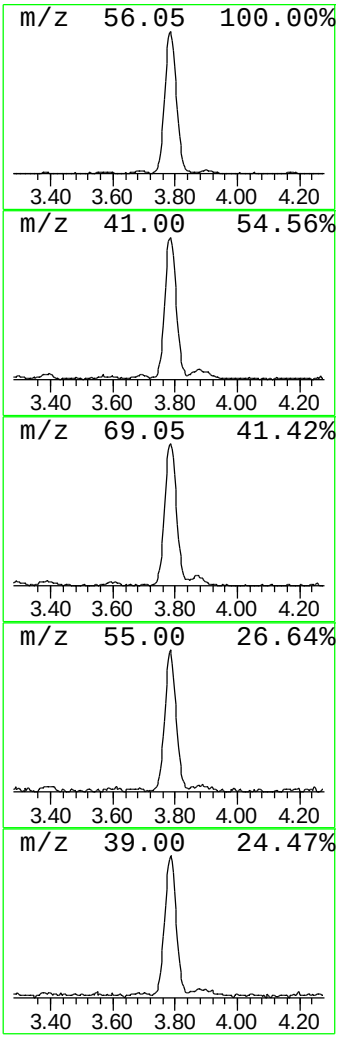
****

Peak Number 6 (DEL) Alkane: Cyclic3.78 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	16.11 ug/L	307010	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
3	Cyclohexane	84	C6H12	000110-82-7	78
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64





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Acq On : 06 Jun 2020 00:53
Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

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

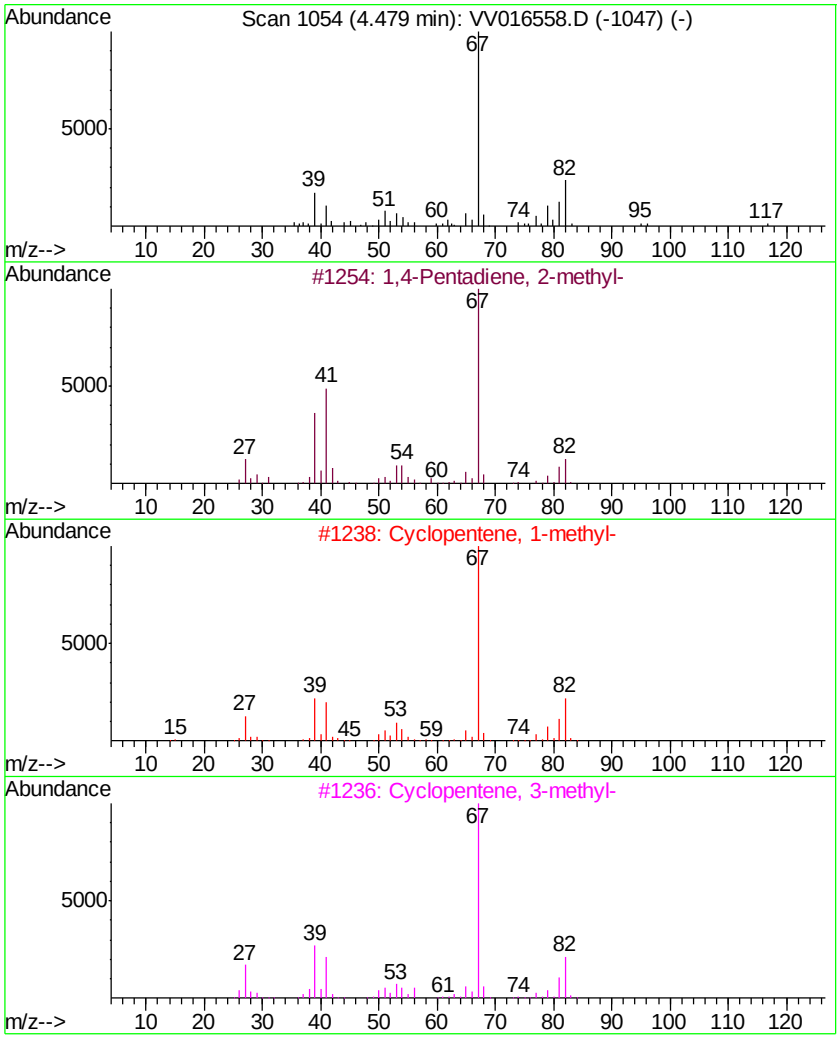
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

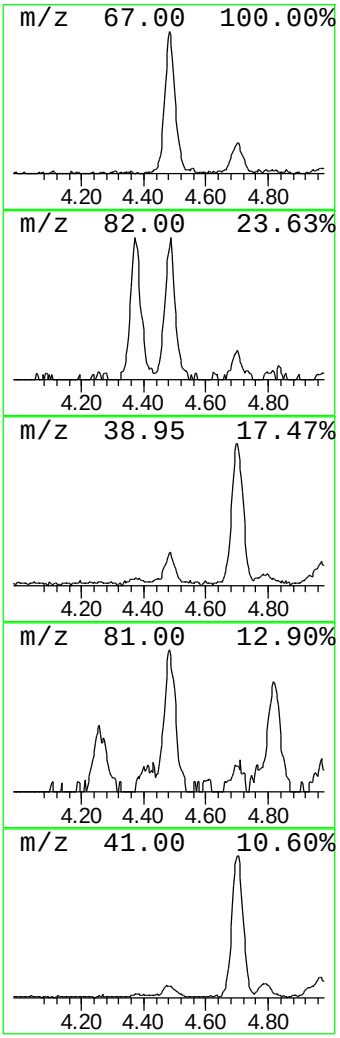
****

Peak Number 7 1,4-Pentadiene, 2-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.48	3.19 ug/L	60810	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Pentadiene, 2-methyl-	82	C6H10	000763-30-4	80
2	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	76
3	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	74
4	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	72
5	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	72





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Acq On : 06 Jun 2020 00:53
Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

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

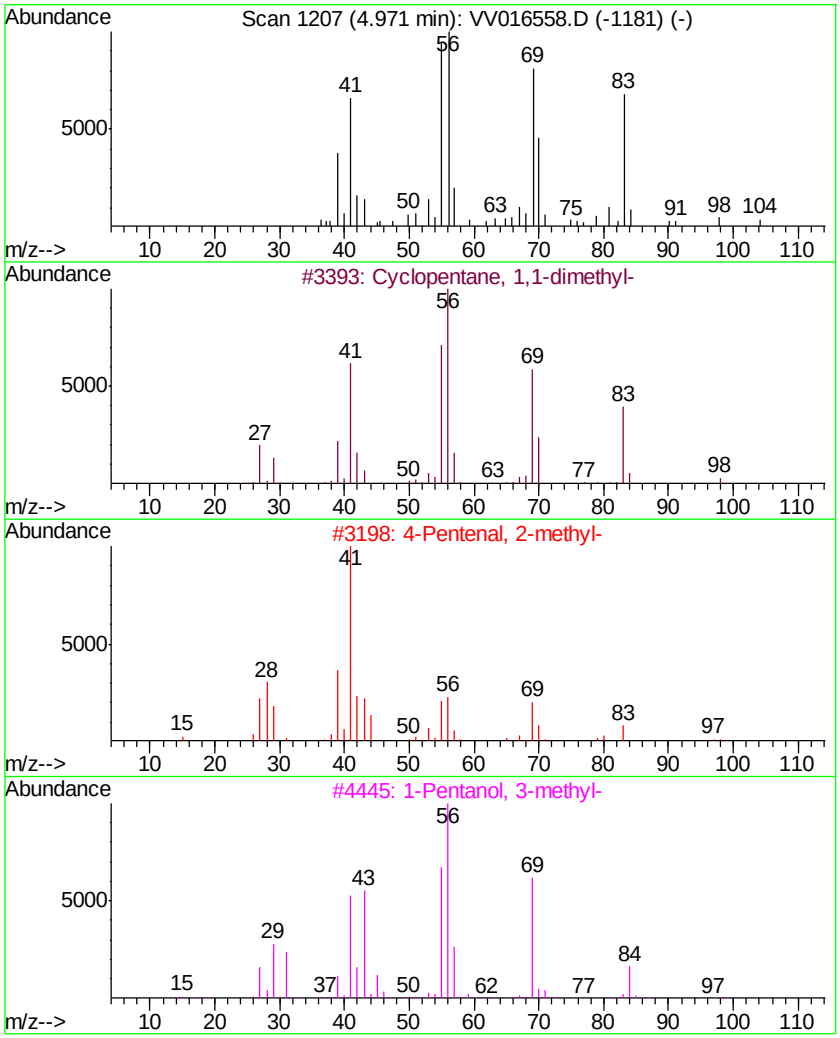
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

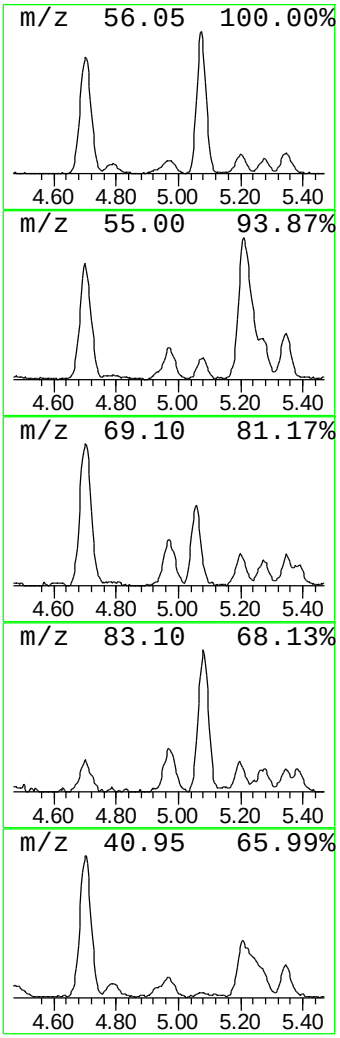
****

Peak Number 8 (DEL) Alkane: Cyclic4.97 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	4.31 ug/L	82247	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	87
2	4-Pentenal, 2-methyl-	98	C6H10O	005187-71-3	72
3	1-Pentanol, 3-methyl-	102	C6H14O	000589-35-5	50
4	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	43
5	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	43





Library Search Compound Report

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Data File : VV016558.D
Acq On : 06 Jun 2020 00:53
Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

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

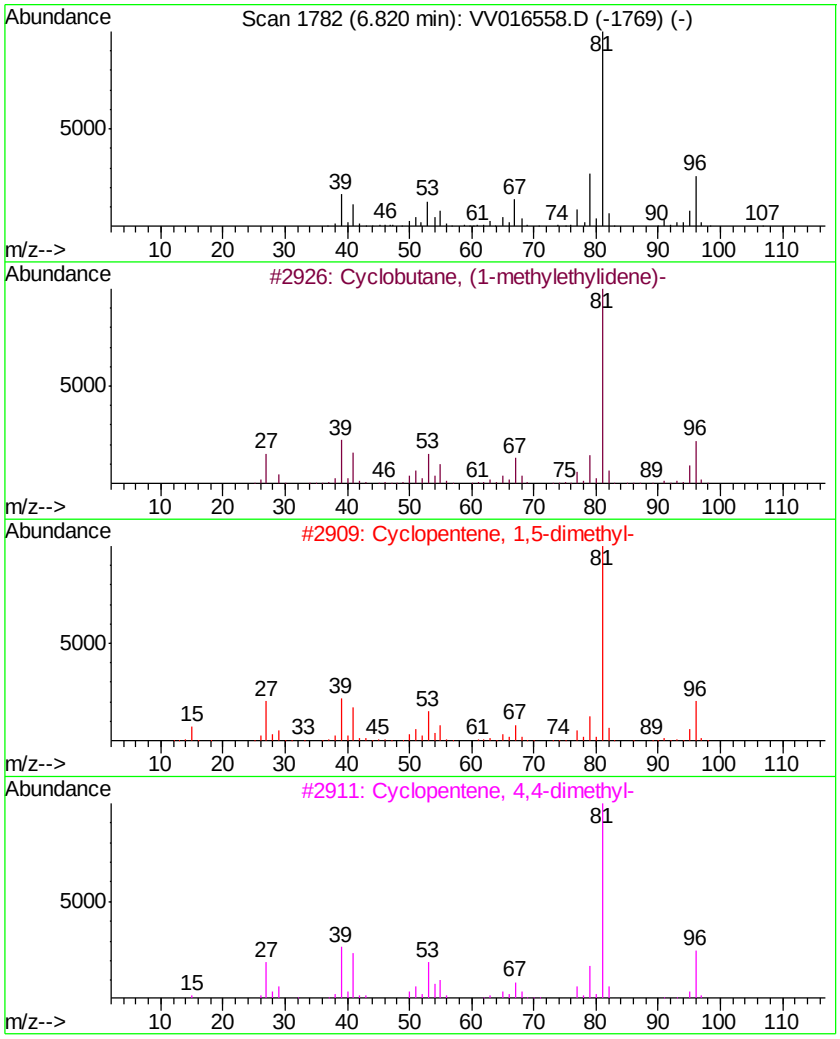
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

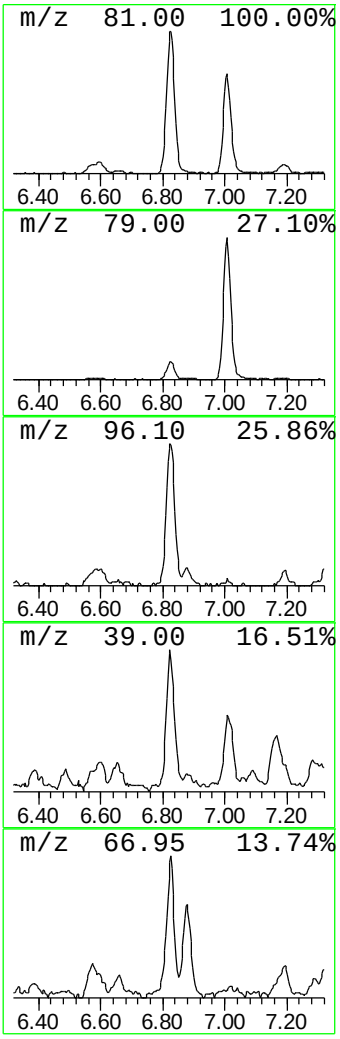
****

Peak Number 9 Cyclobutane, (1-methylethyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	8.48 ug/L	161629	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	90
2	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	87
3	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	86
4	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	86
5	Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	78





Library Search Compound Report

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Data File : VV016558.D
Acq On : 06 Jun 2020 00:53
Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

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

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

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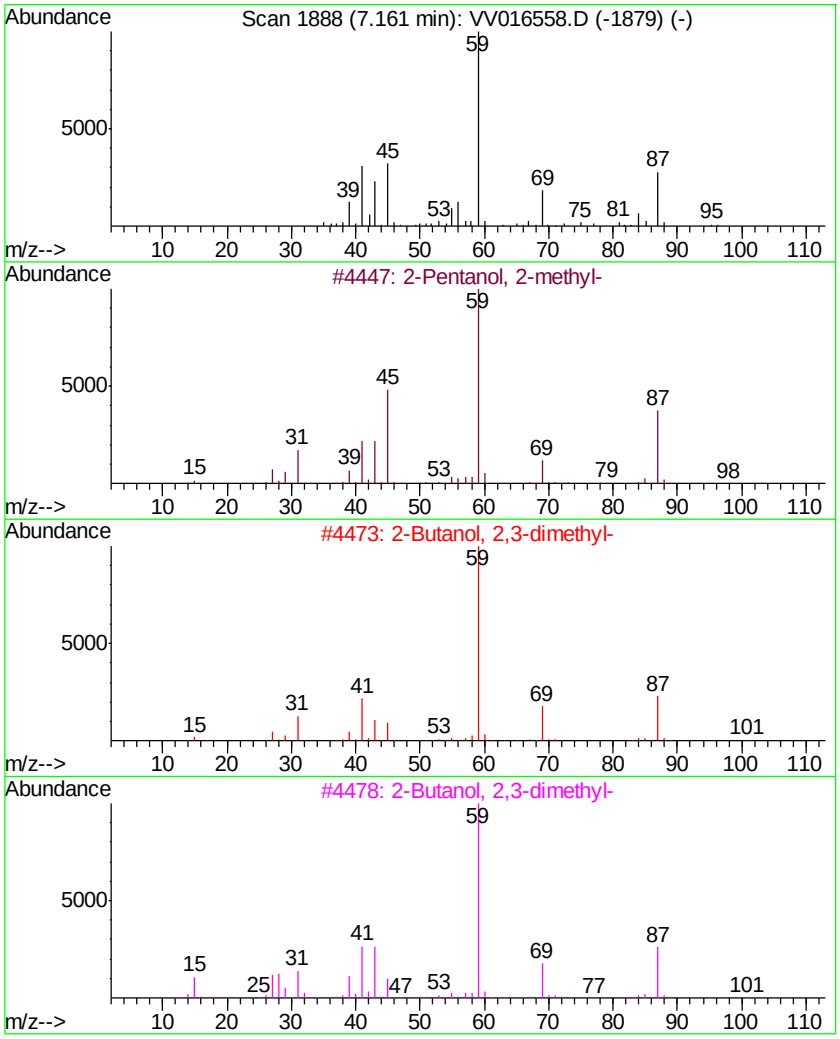
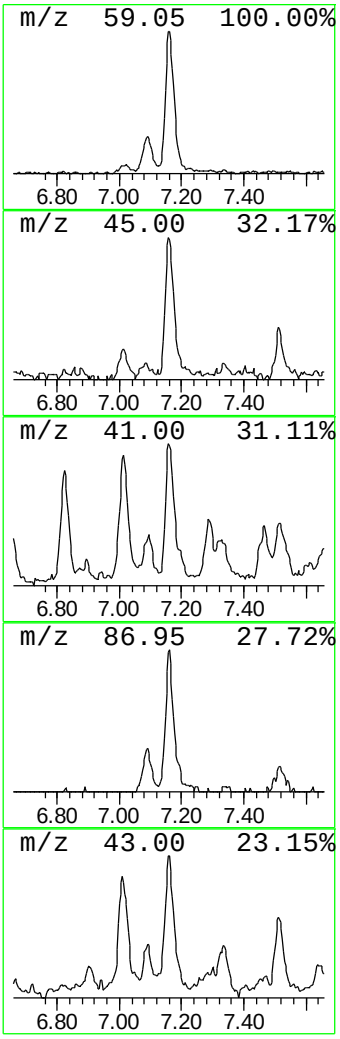
Peak Number 11 2-Pentanol, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	5.42 ug/L	103284	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	72
2	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	64
3	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	64
4	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	59
5	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	56





Library Search Compound Report

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Data File : VV016558.D
Acq On : 06 Jun 2020 00:53
Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

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

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

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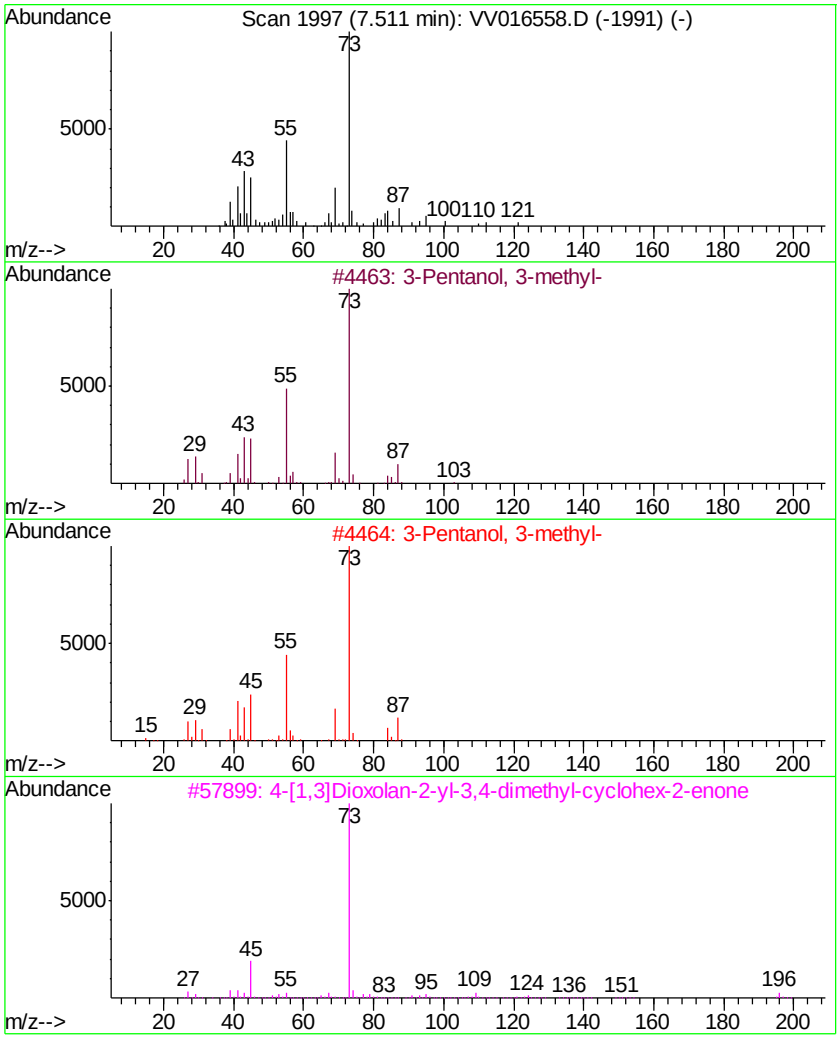
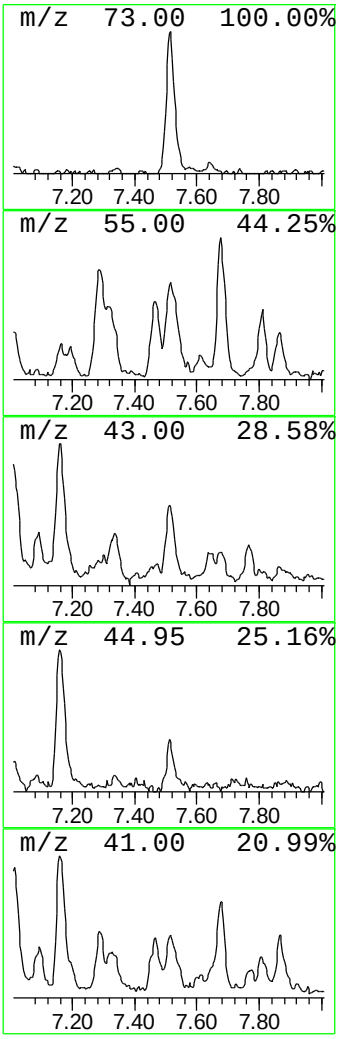
Peak Number 12 3-Pentanol, 3-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.51	2.59 ug/L	55696	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	59
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	59
3	4-[1,3]Dioxolan-2-yl-3,4-dimethy...	196	C11H16O3	054710-16-6	37
4	5-(1-Ethoxy-ethoxy)-4-methyl-hex...	200	C11H20O3	086845-53-6	35
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25





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Data File : VV016558.D
Acq On : 06 Jun 2020 00:53
Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

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

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

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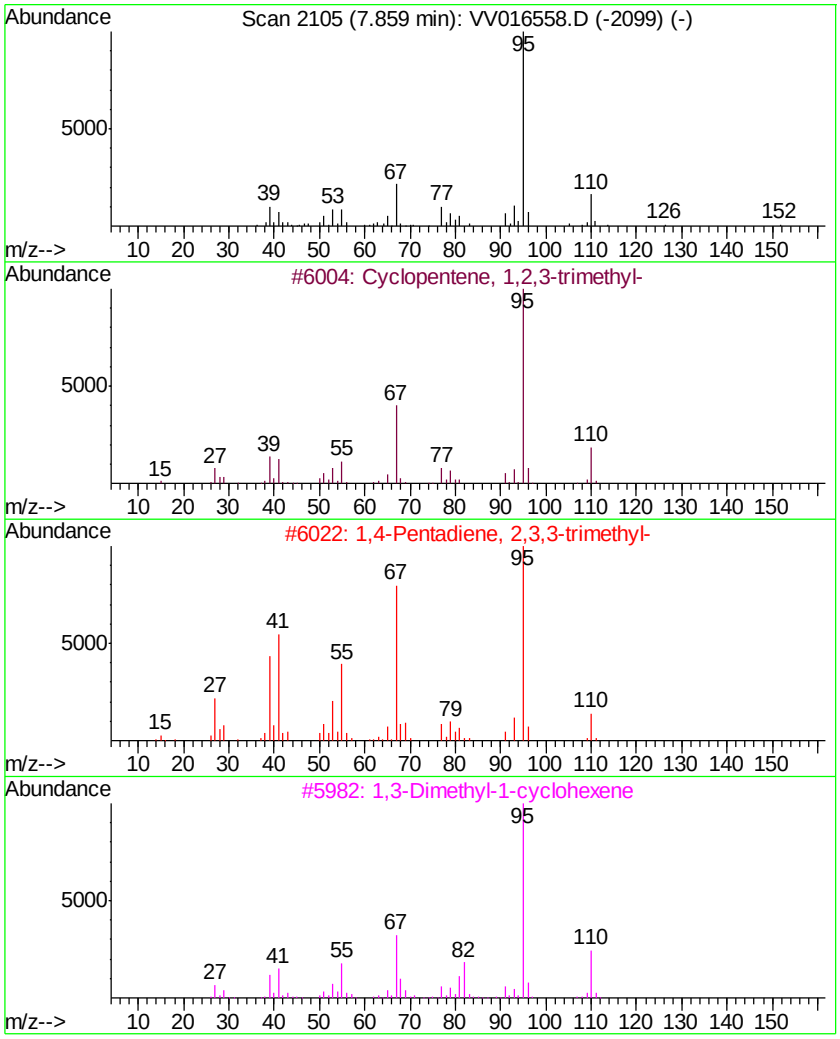
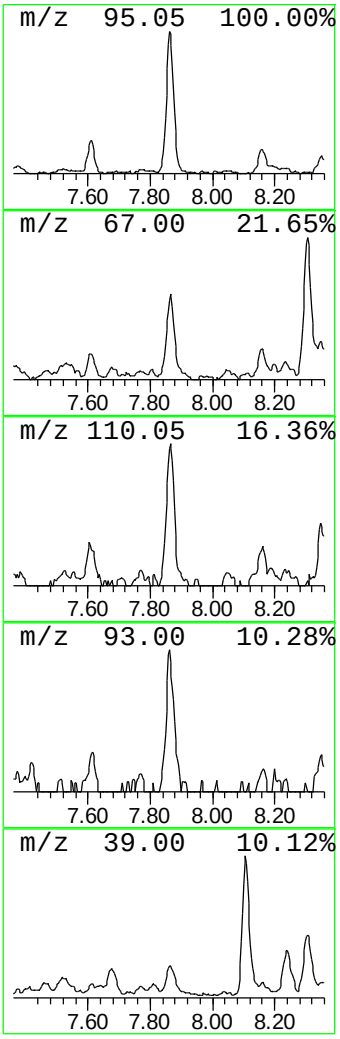
Peak Number 13 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	3.33 ug/L	71785	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	91
2	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	90
3	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	86
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	83
5	1,4-Pentadiene, 2,3,4-trimethyl-	110	C8H14	072014-90-5	72





Library Search Compound Report

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Acq On : 06 Jun 2020 00:53
Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

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

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

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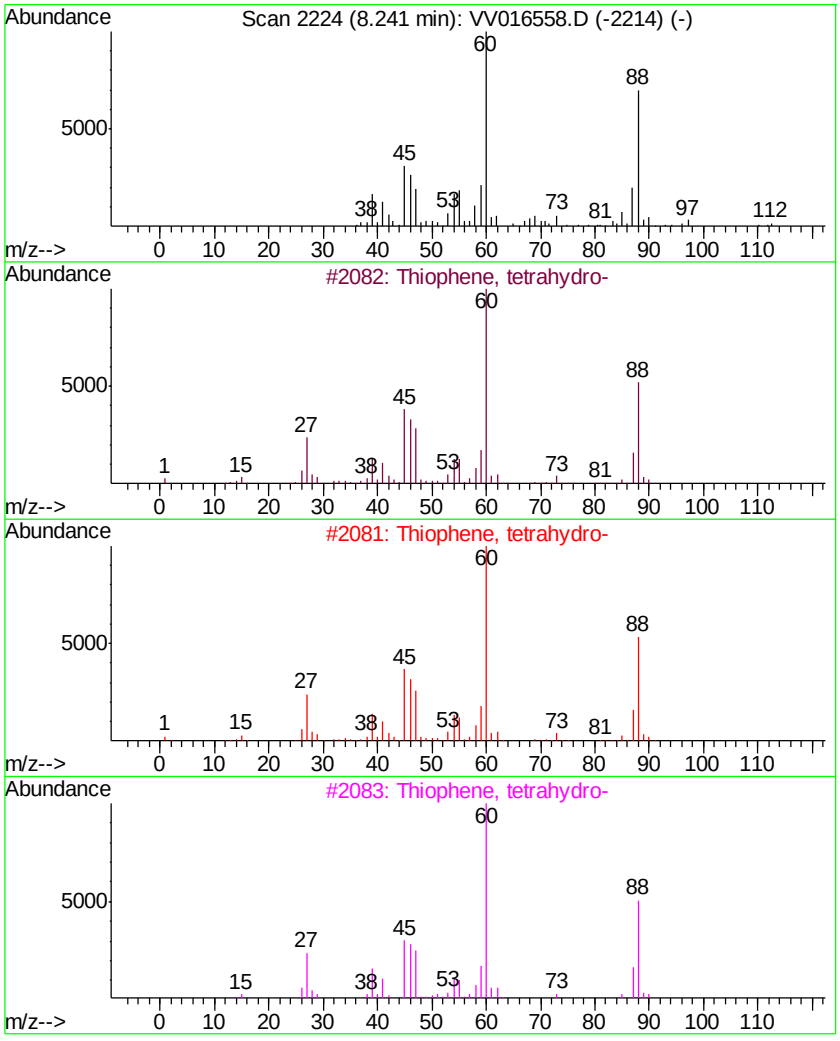
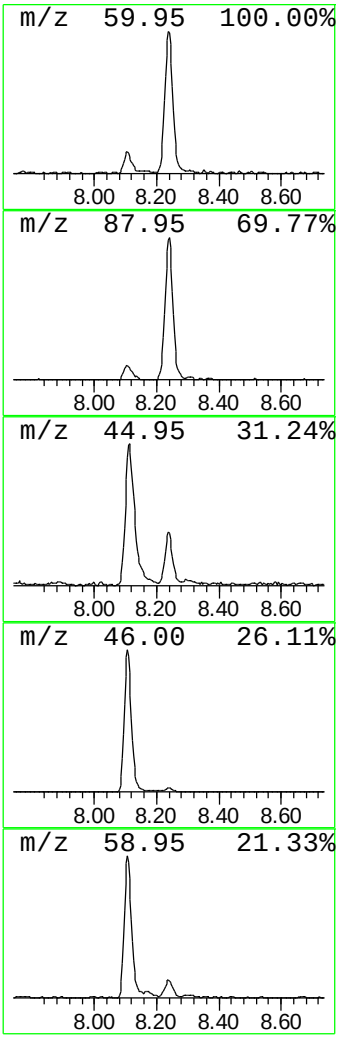
Peak Number 14 Thiophene, tetrahydro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	5.25 ug/L	113043	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	95
2	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	95
3	Thiophene, tetrahydro-	88	C4H8S	000110-01-0	90
4	Thietane, 2-methyl-	88	C4H8S	017837-41-1	72
5	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	47





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Data File : VV016558.D
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Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

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

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

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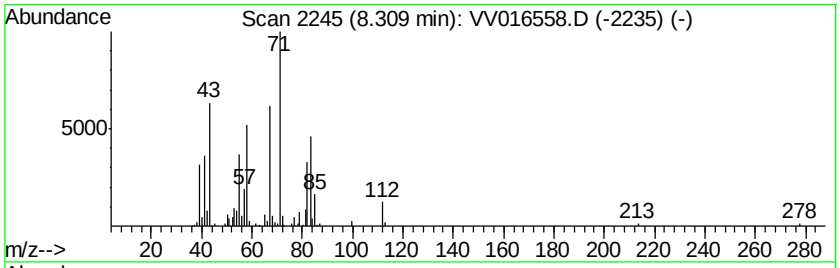
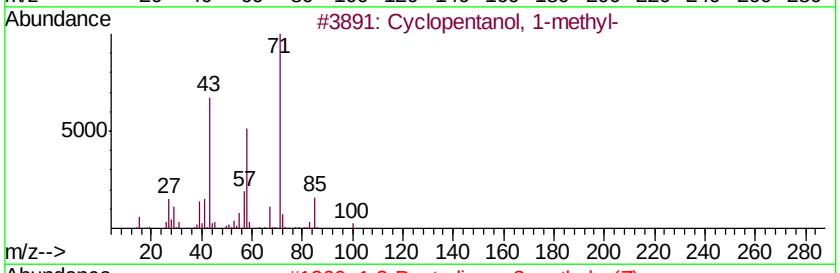
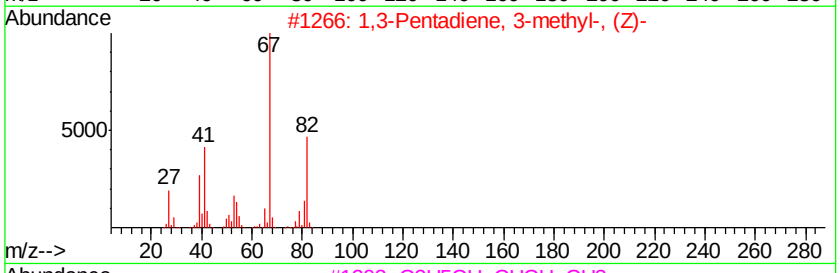
Peak Number 15 unknown-01 Concentration Rank 20

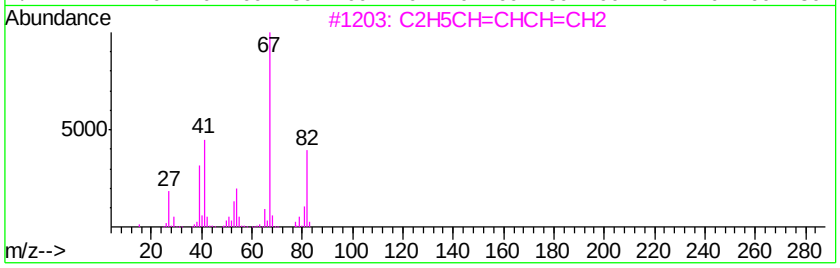
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	4.99 ug/L	107543	Chlorobenzene-d5	8.87

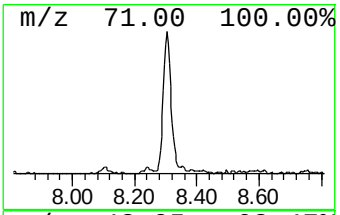
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	46
2	1,3-Pentadiene, 3-methyl-, (Z)-	82	C6H10	002787-45-3	25
3	C2H5CH=CHCH=CH2	82	C6H10	000592-48-3	25
4	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	25
5	1,3-Pentadiene, 3-methyl-, (E)-	82	C6H10	002787-43-1	25

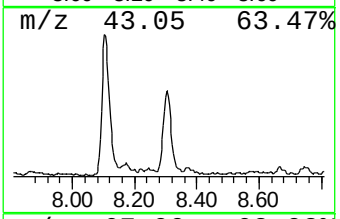


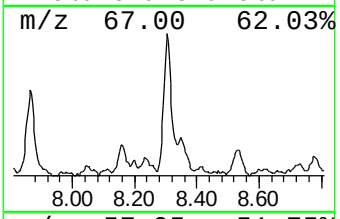


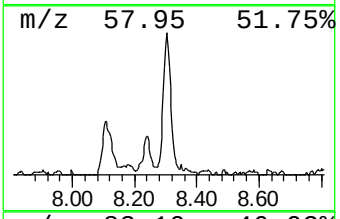


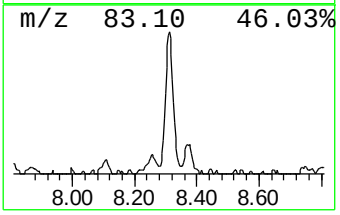












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Data File : VV016558.D
Acq On : 06 Jun 2020 00:53
Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

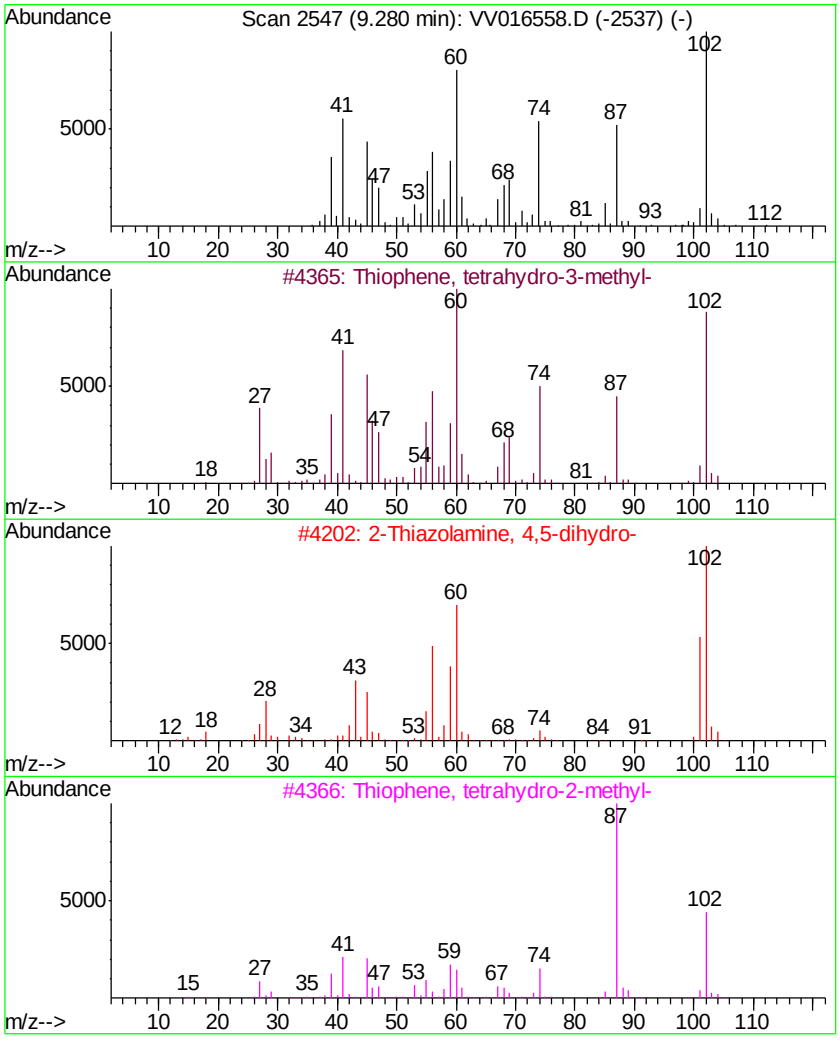
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

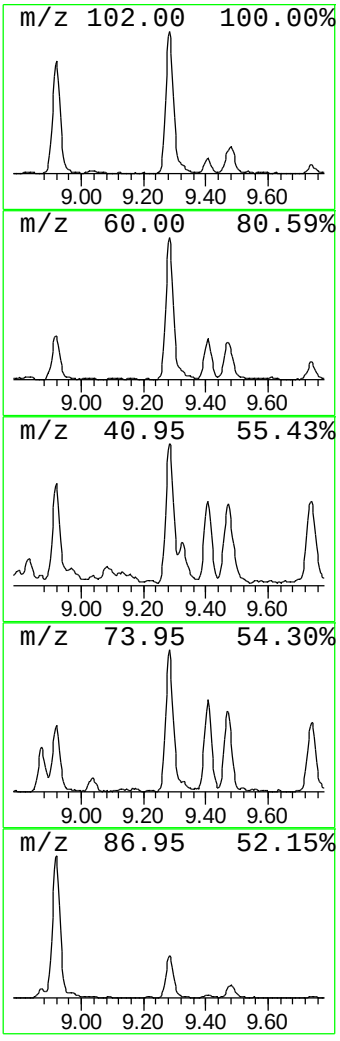
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Thiophene, tetrahydro-3-met... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	14.53 ug/L	313006	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-3-methyl-	102	C5H10S	004740-00-5	97
2	2-Thiazolamine, 4,5-dihydro-	102	C3H6N2S	001779-81-3	46
3	Thiophene, tetrahydro-2-methyl-	102	C5H10S	001795-09-1	43
4	Thietane, 2,4-dimethyl-	102	C5H10S	043044-24-2	43
5	2-Thiazolamine, 4,5-dihydro-	102	C3H6N2S	001779-81-3	38





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Data File : VV016558.D
Acq On : 06 Jun 2020 00:53
Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

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

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

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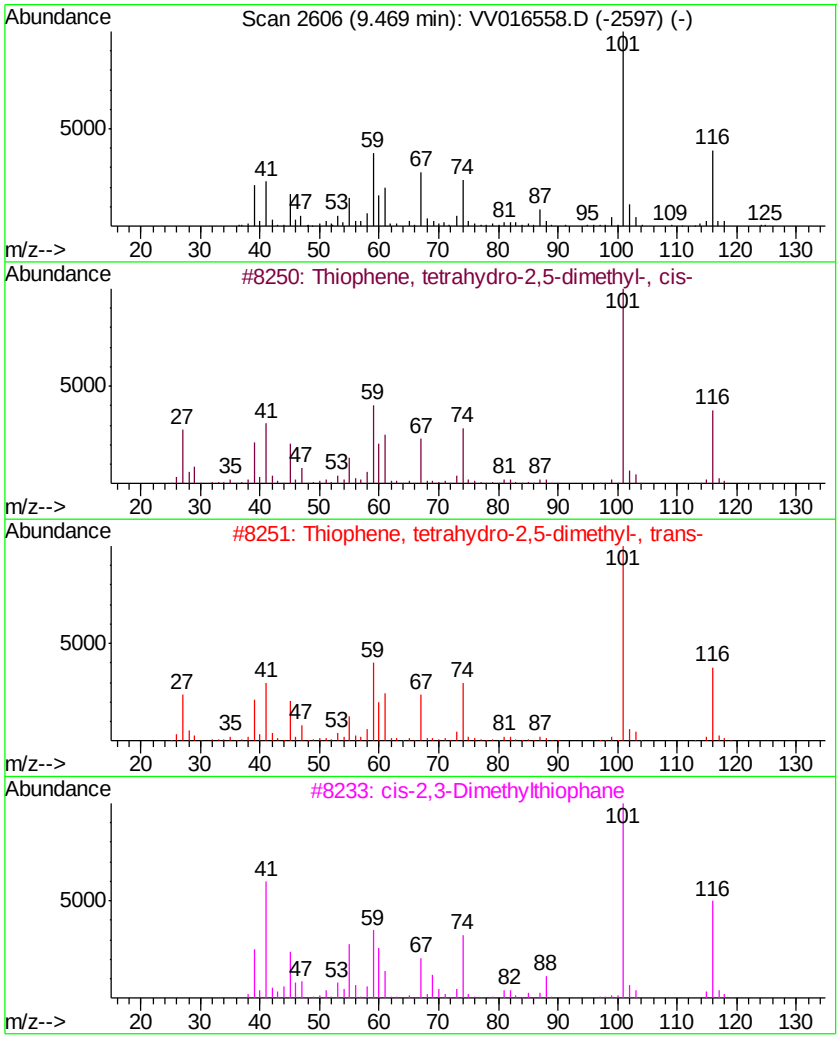
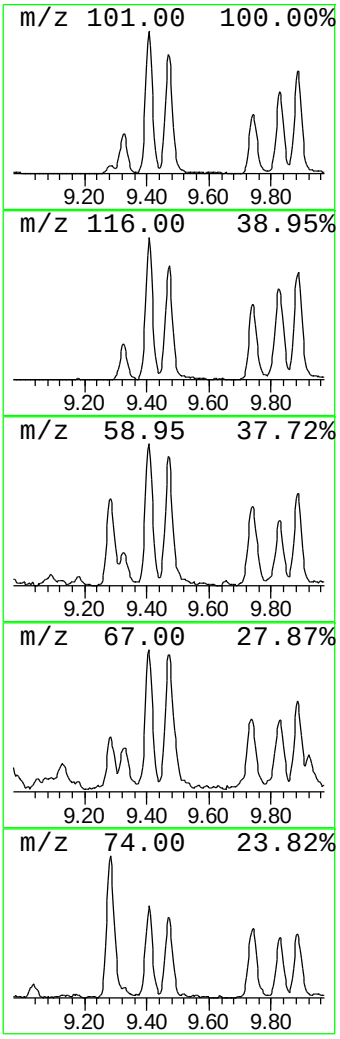
Peak Number 18 Thiophene, tetrahydro-2,5-d... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	12.60 ug/L	271313	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	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	93
3	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	64
4	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	64
5	Thiazole, 4,5-dihydro-4-methyl-2...	116	C4H8N2S	010416-81-6	58





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Acq On : 06 Jun 2020 00:53
Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

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

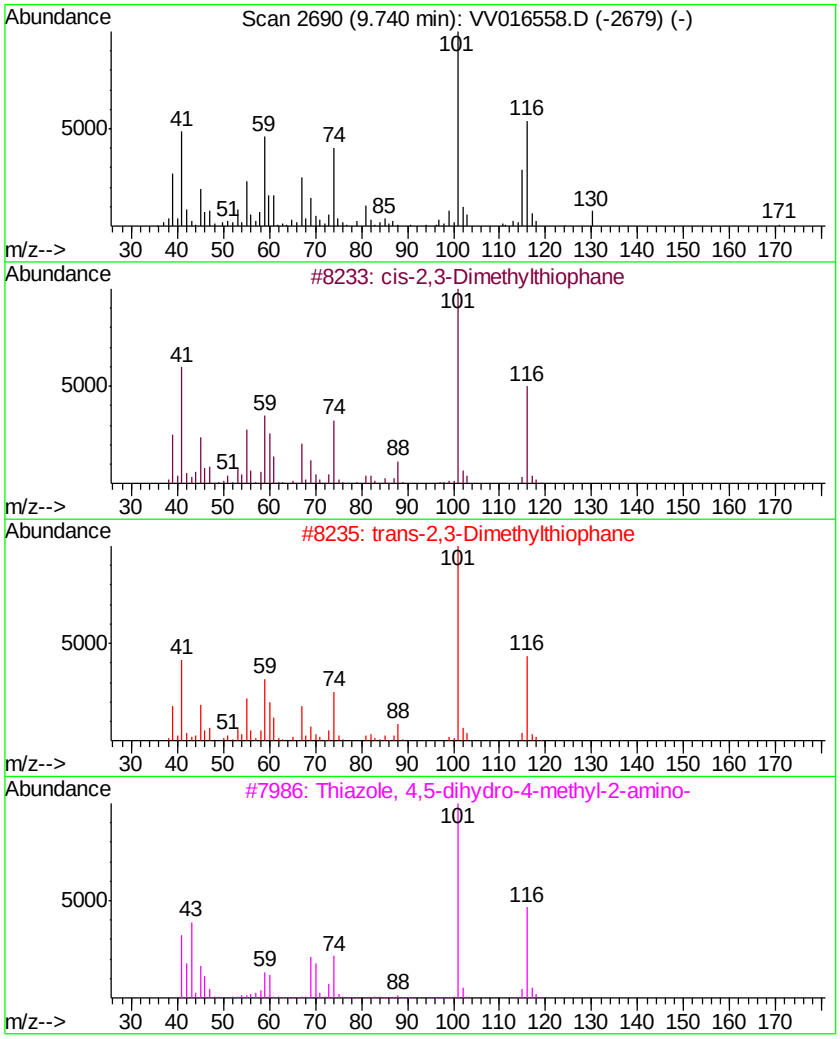
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

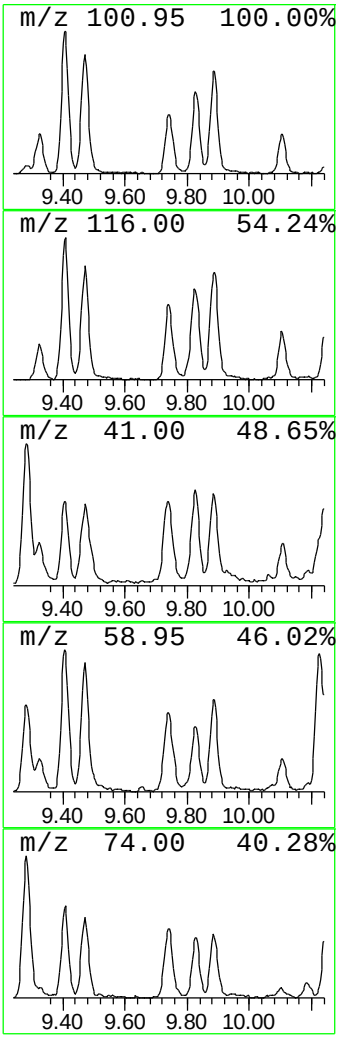
****

Peak Number 19 cis-2,3-Dimethylthiophane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.74	7.72 ug/L	166321	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	90
2	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	60
3	Thiazole, 4,5-dihydro-4-methyl-2...	116	C4H8N2S	010416-81-6	55
4	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	47
5	cis-3-Methyl-2-n-propylthiophane	144	C8H16S	118068-76-1	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016558.D
Acq On : 06 Jun 2020 00:53
Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

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

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

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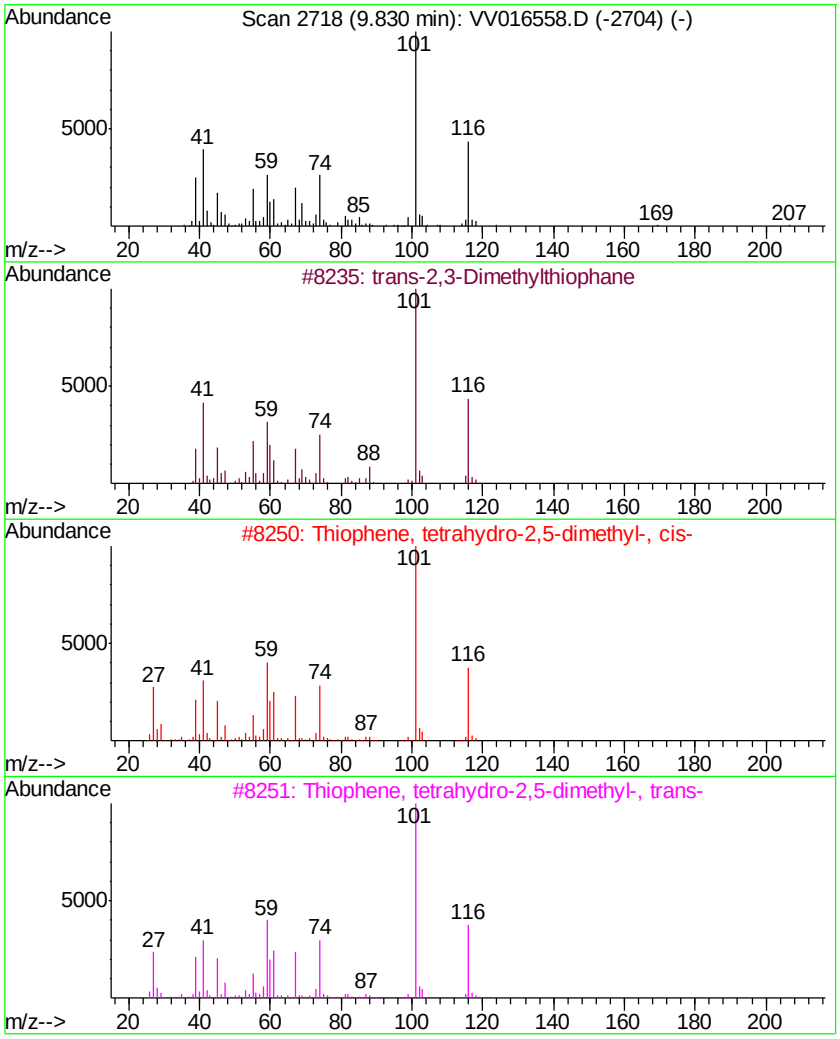
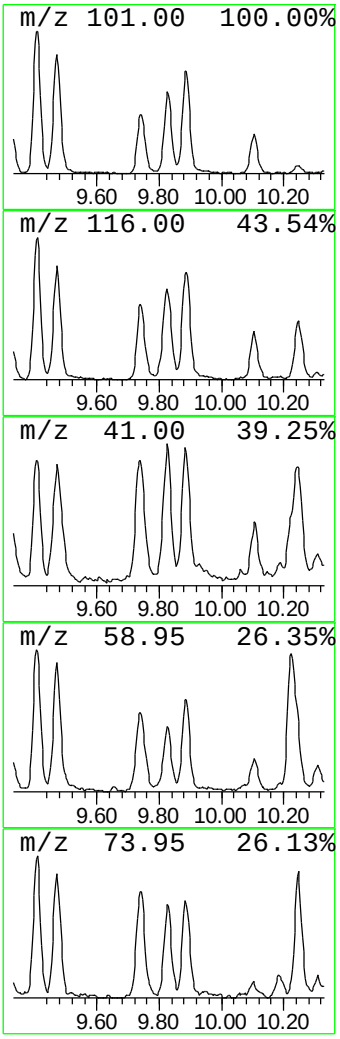
Peak Number 20 trans-2,3-Dimethylthiophane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	8.25 ug/L	177774	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	94
2	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	91
3	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	91
4	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	87
5	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	83





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Acq On : 06 Jun 2020 00:53
Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

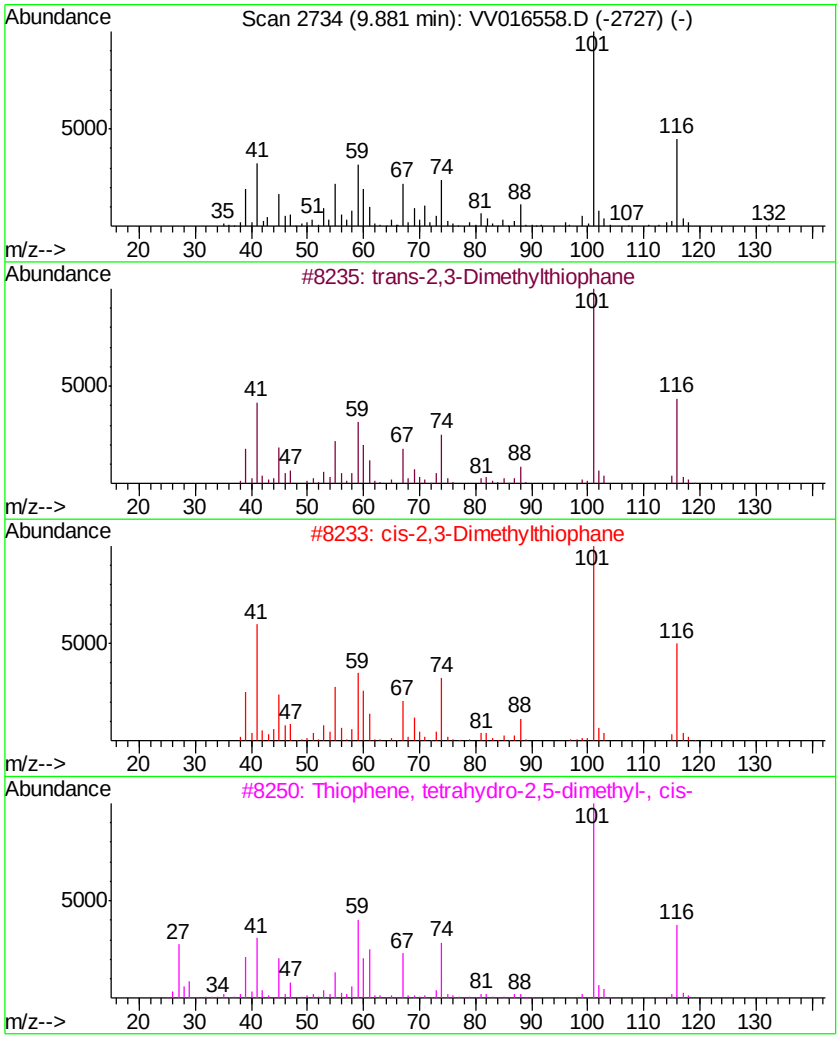
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

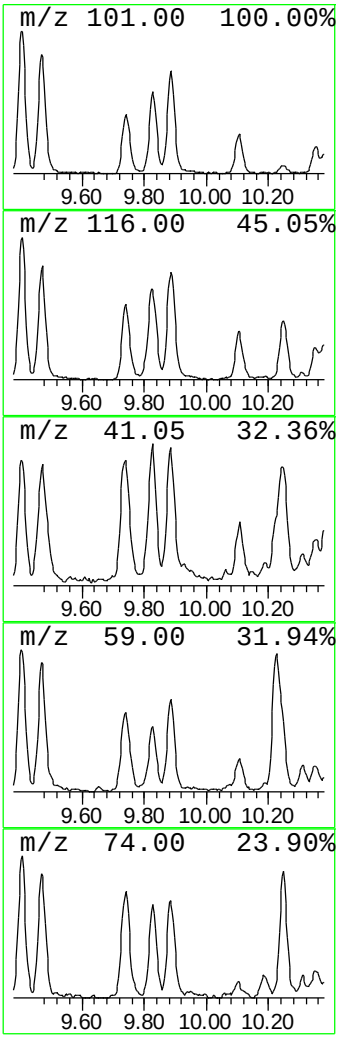
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Thiazole, 4,5-dihydro-4-met... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	8.16 ug/L	175712	Chlorobenzene-d5	8.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	98
2	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	96
3	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-13-7	90
4	Thiazole, 4,5-dihydro-4-methyl-2...	116	C4H8N2S	010416-81-6	76
5	2H-Thiopyran, tetrahydro-2-methyl-	116	C6H12S	005161-16-0	74





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Data File : VV016558.D
Acq On : 06 Jun 2020 00:53
Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

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

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

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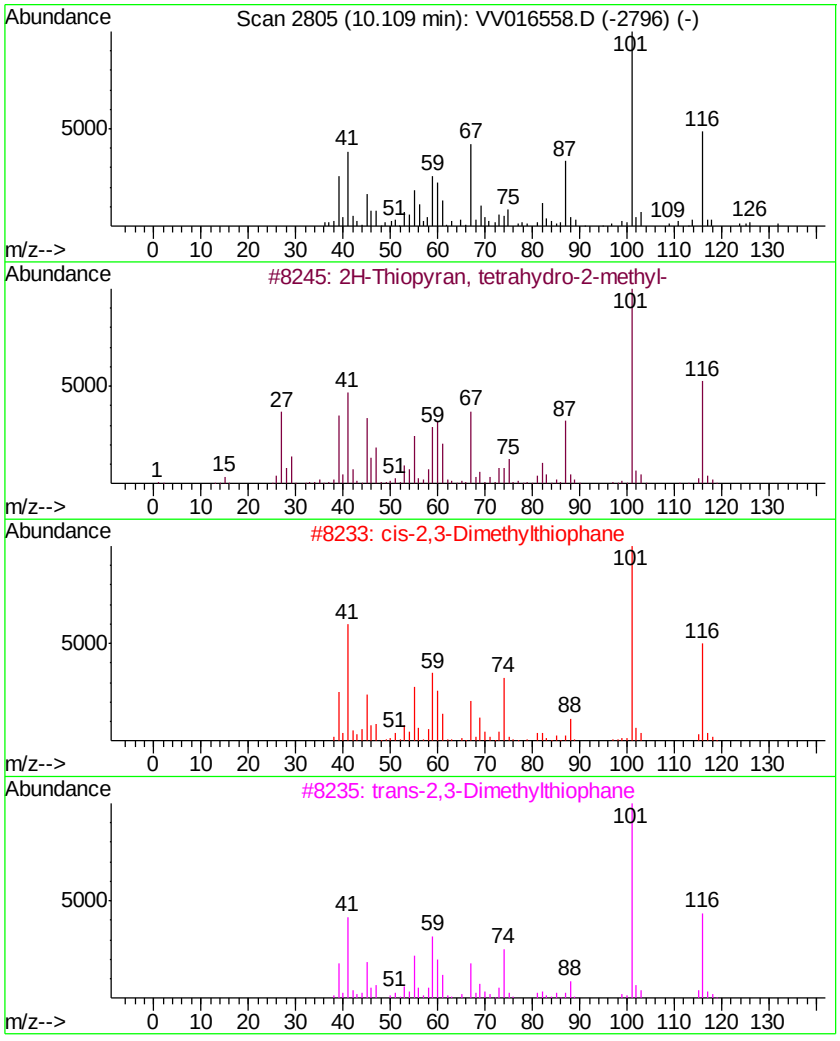
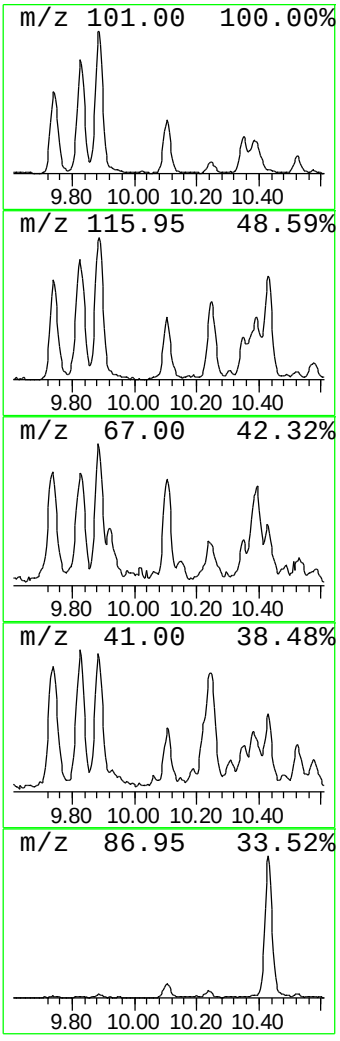
Peak Number 22 2H-Thiopyran, tetrahydro-2-... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	3.02 ug/L	75517	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	90
2	cis-2,3-Dimethylthiophane	116	C6H12S	005161-77-3	90
3	trans-2,3-Dimethylthiophane	116	C6H12S	005161-78-4	76
4	3-Ethylthiane	130	C7H14S	061568-48-7	59
5	Thiophene, tetrahydro-2,5-dimeth...	116	C6H12S	005161-14-8	53





Library Search Compound Report

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Data File : VV016558.D
Acq On : 06 Jun 2020 00:53
Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

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

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

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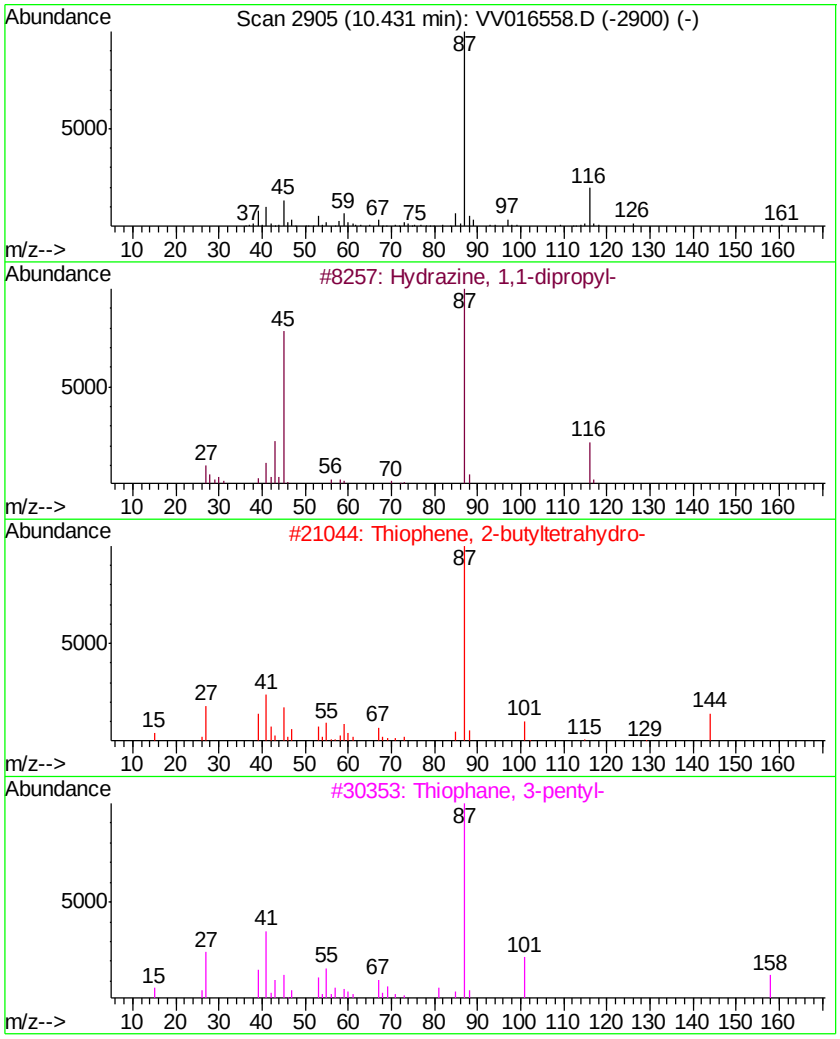
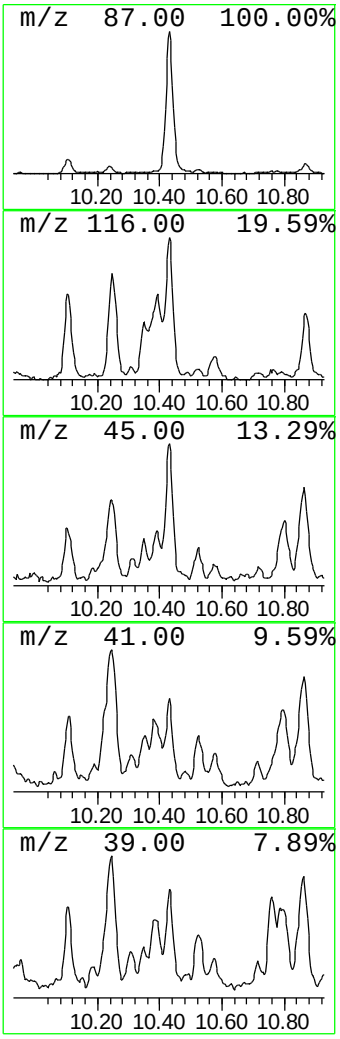
Peak Number 23 Hydrazine, 1,1-dipropyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	4.35 ug/L	108820	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	80
2	Thiophene, 2-butyltetrahydro-	144	C8H16S	001613-49-6	45
3	Thiophane, 3-pentyl-	158	C9H18S	035468-43-0	45
4	2-[2-[2-[2-[2-[2-(2-Acetyloxy...	454	C20H38O11	1000351-90-6	42
5	Uridine, 2'-O-methyl-	258	C10H14N2O6	002140-76-3	38





Library Search Compound Report

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Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

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

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

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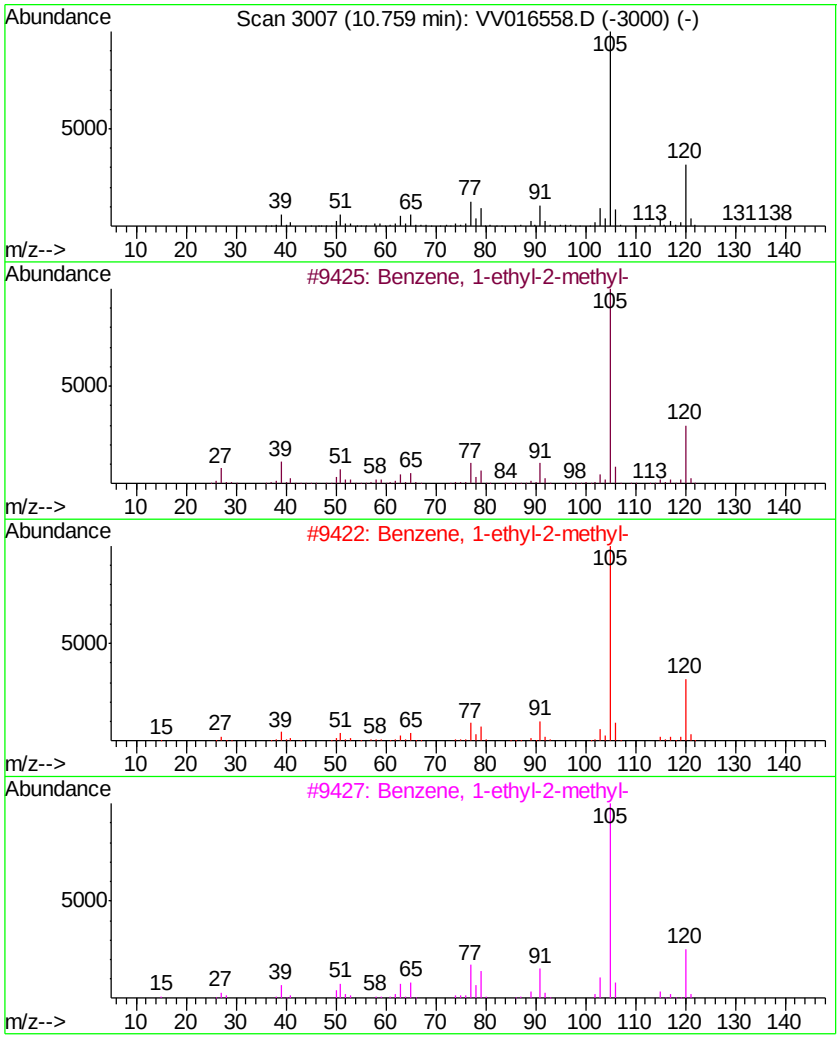
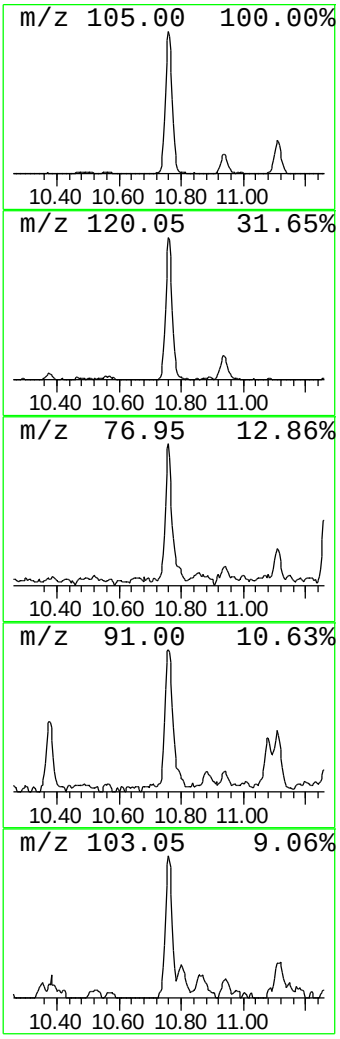
Peak Number 24 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	6.80 ug/L	169947	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	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

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Data File : VV016558.D
Acq On : 06 Jun 2020 00:53
Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

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

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

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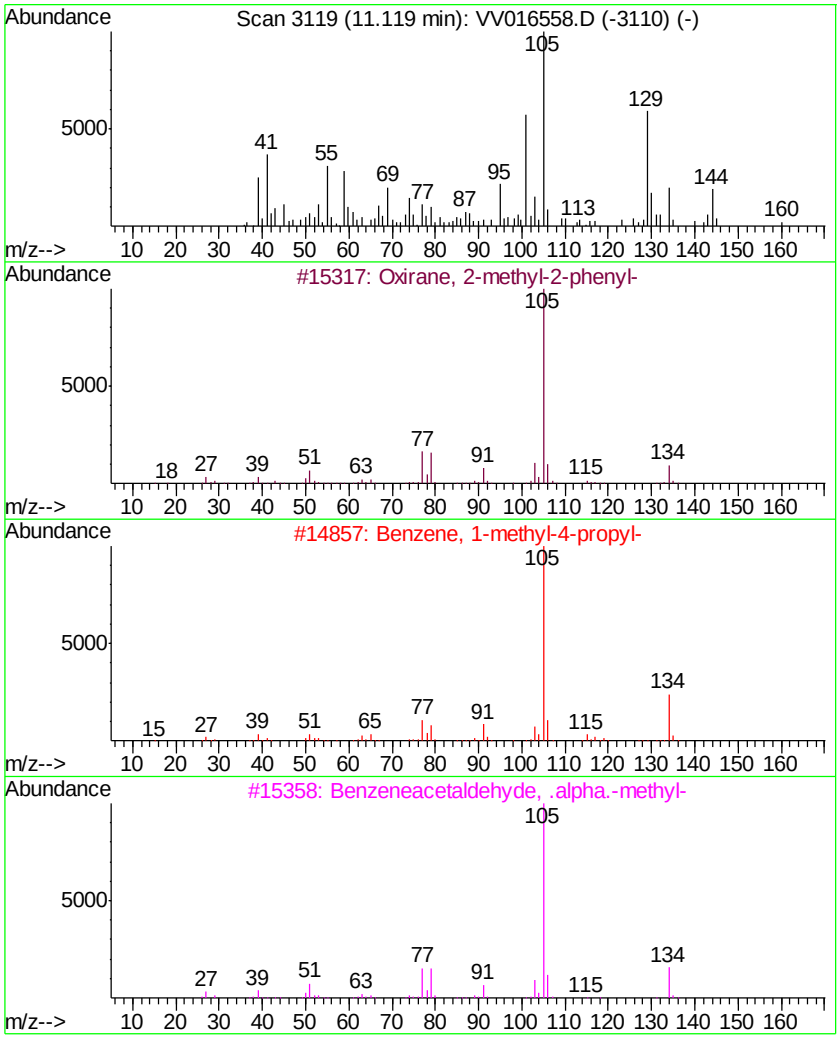
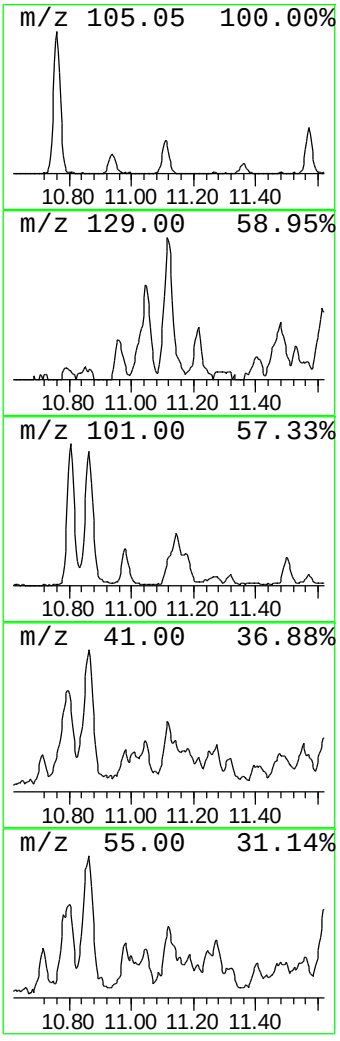
Peak Number 25 unknown-02 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	3.78 ug/L	94480	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	38
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	38
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	38
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	30





Library Search Compound Report

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Data File : VV016558.D
Acq On : 06 Jun 2020 00:53
Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

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

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

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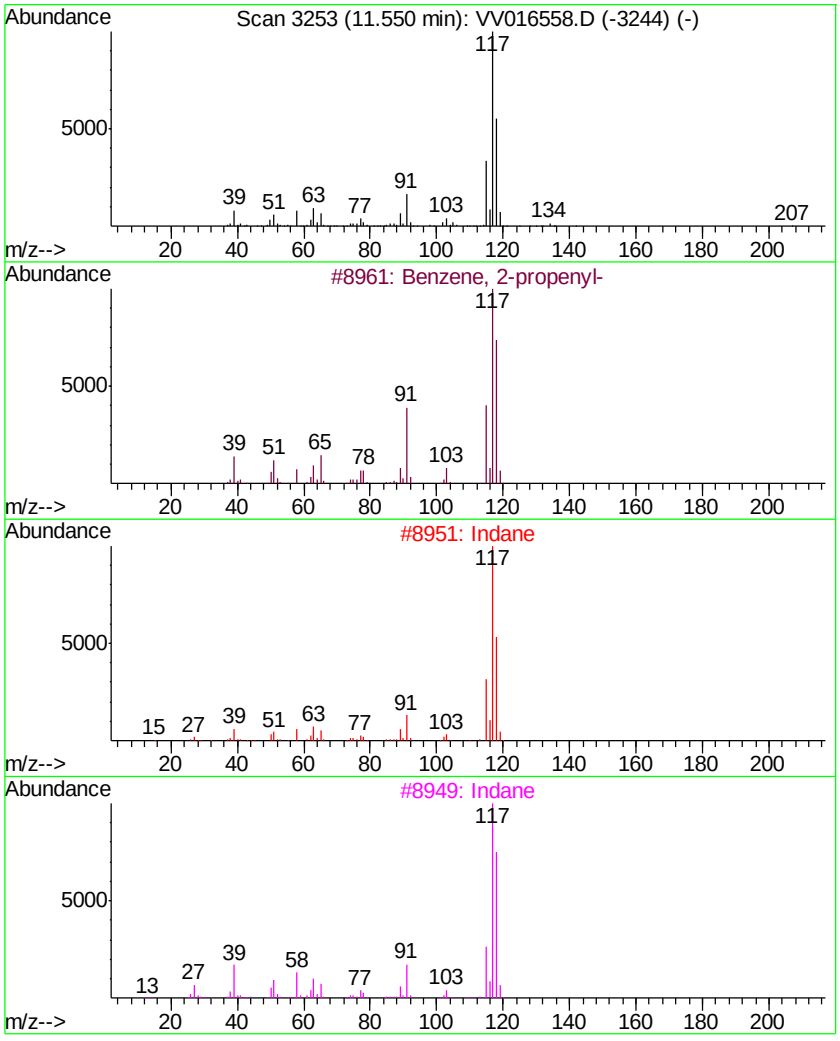
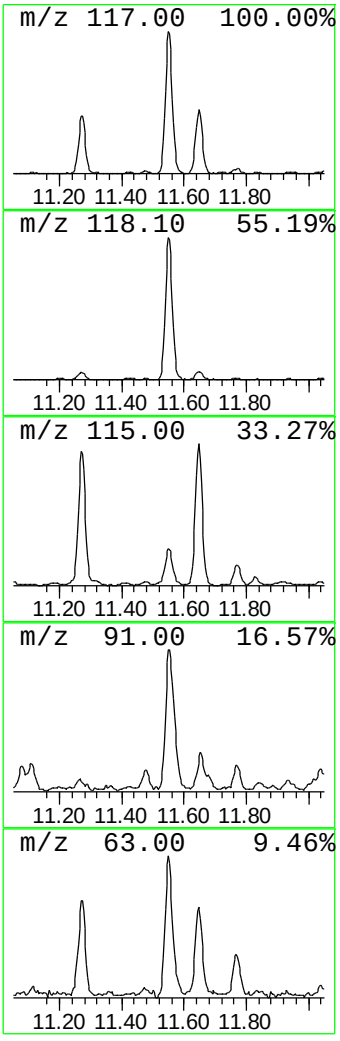
Peak Number 26 Benzene, 2-propenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	14.14 ug/L	353492	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	87
2	Indane	118	C9H10	000496-11-7	87
3	Indane	118	C9H10	000496-11-7	87
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81





Library Search Compound Report

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Data File : VV016558.D
Acq On : 06 Jun 2020 00:53
Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

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

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

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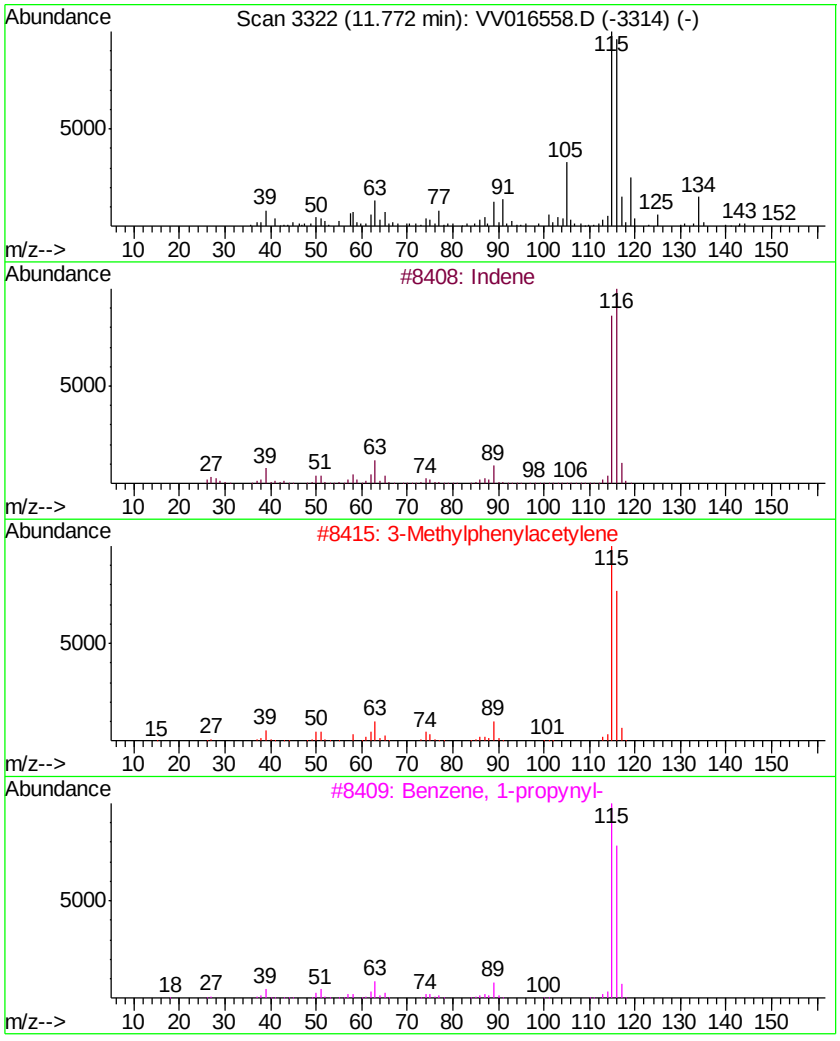
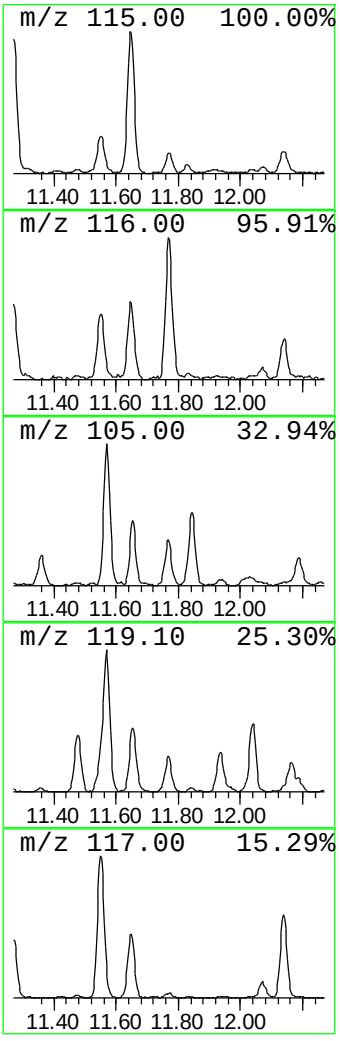
Peak Number 27 Indene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.59 ug/L	89698	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	94
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	76
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	76
4	Indene	116	C9H8	000095-13-6	76
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	76





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016558.D
Acq On : 06 Jun 2020 00:53
Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

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

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

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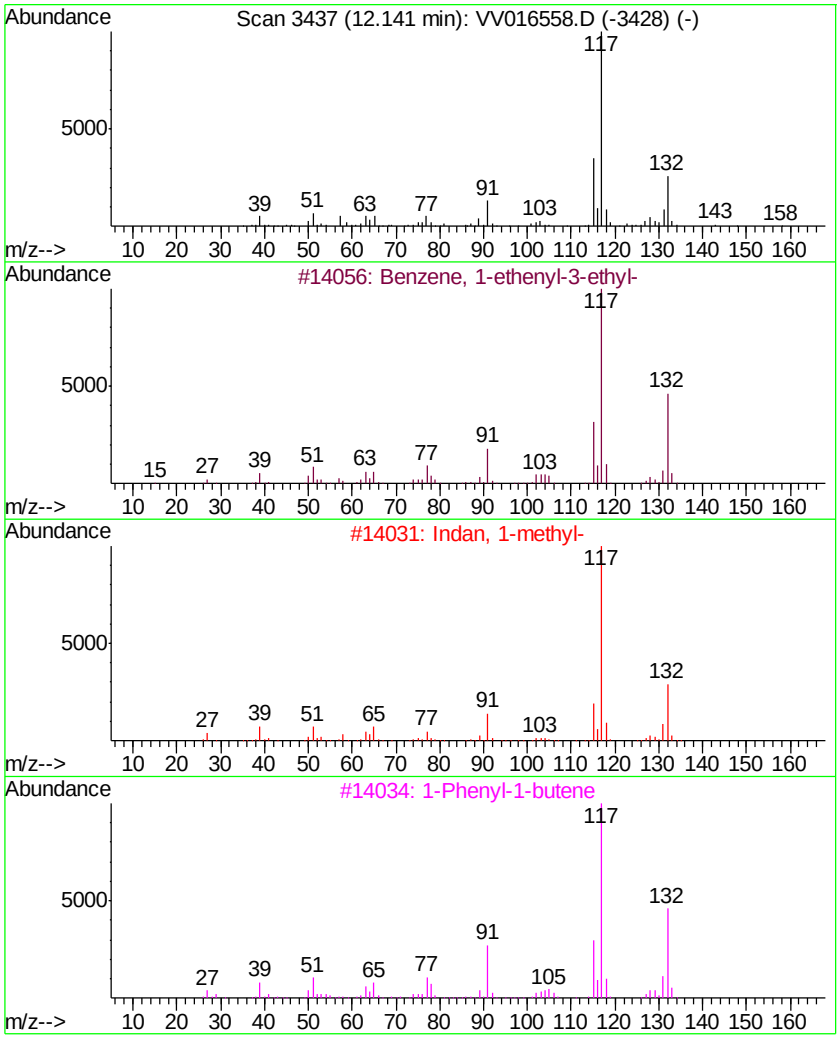
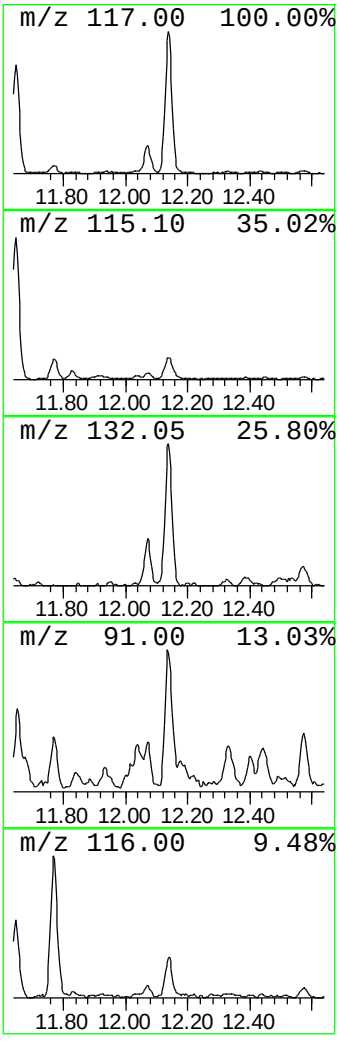
Peak Number 28 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	6.04 ug/L	151005	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	87
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016558.D
Acq On : 06 Jun 2020 00:53
Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

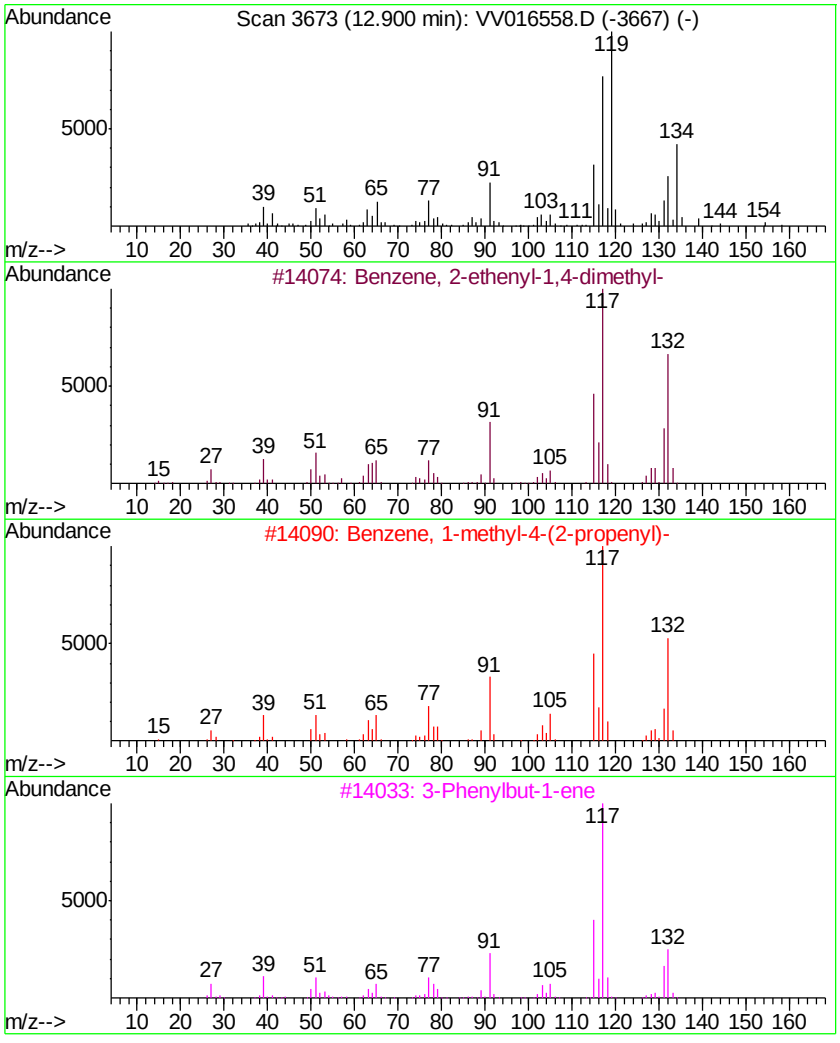
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

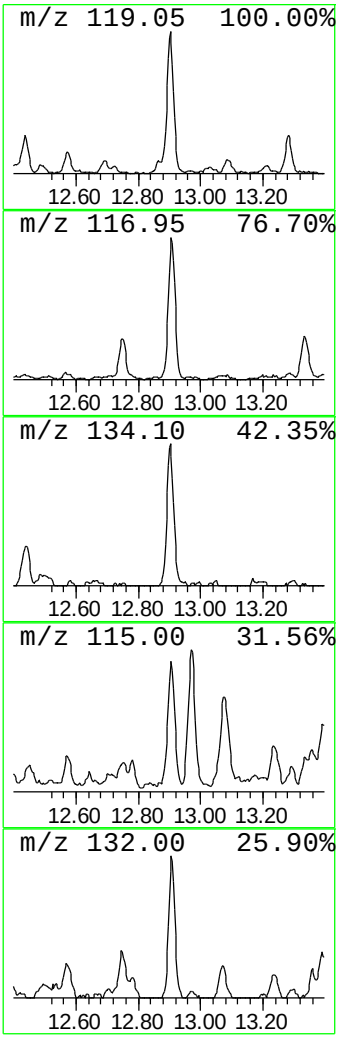
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	5.14 ug/L	128597	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	55
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	55





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016558.D
Acq On : 06 Jun 2020 00:53
Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

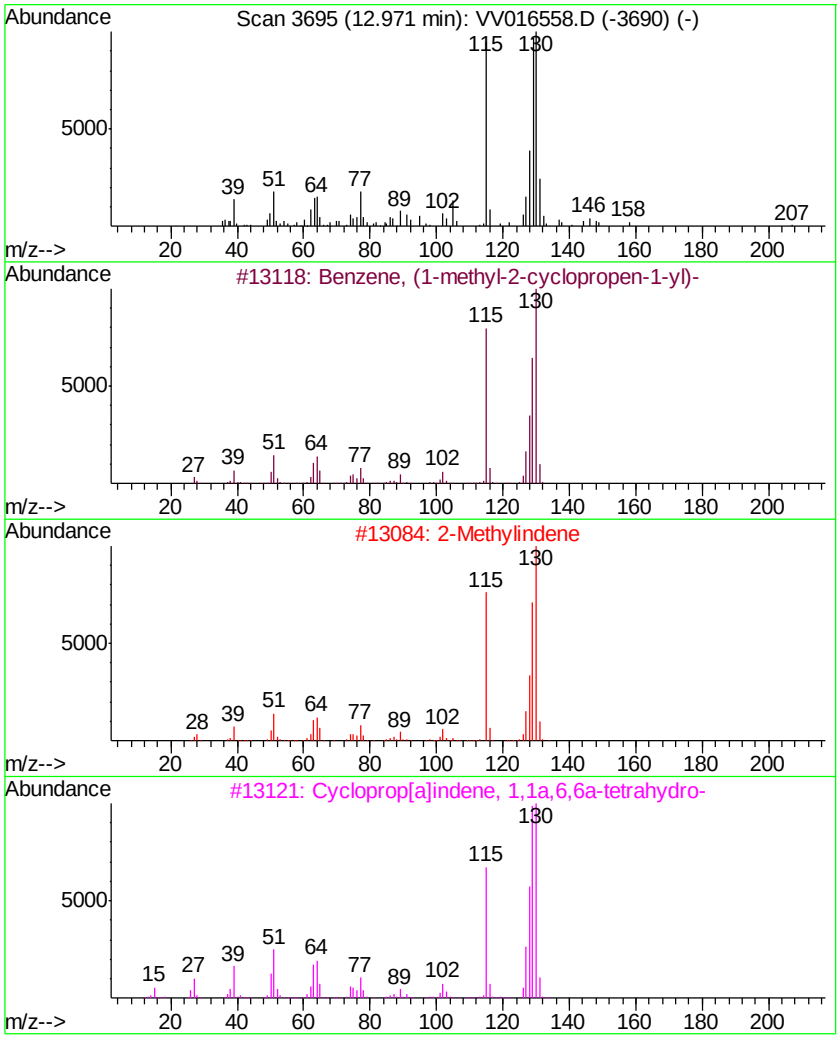
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis

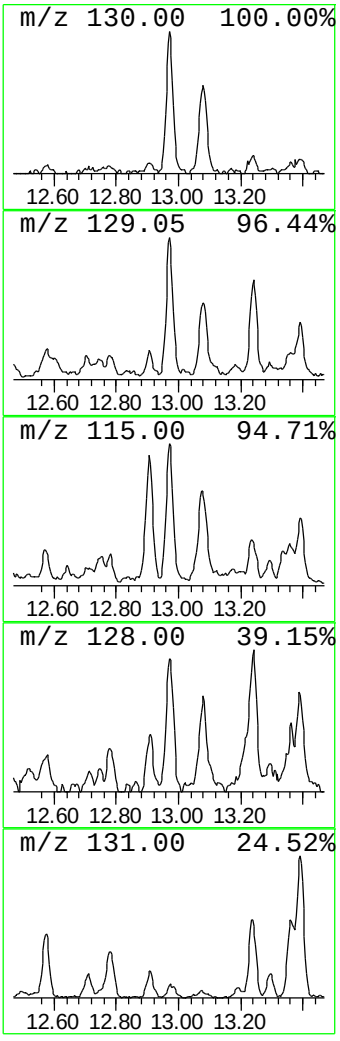
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzene, (1-methyl-2-cyclop... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	2.53 ug/L	63204	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
2	2-Methylindene	130	C10H10	002177-47-1	94
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	92
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	90
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	90





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016558.D
Acq On : 06 Jun 2020 00:53
Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

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

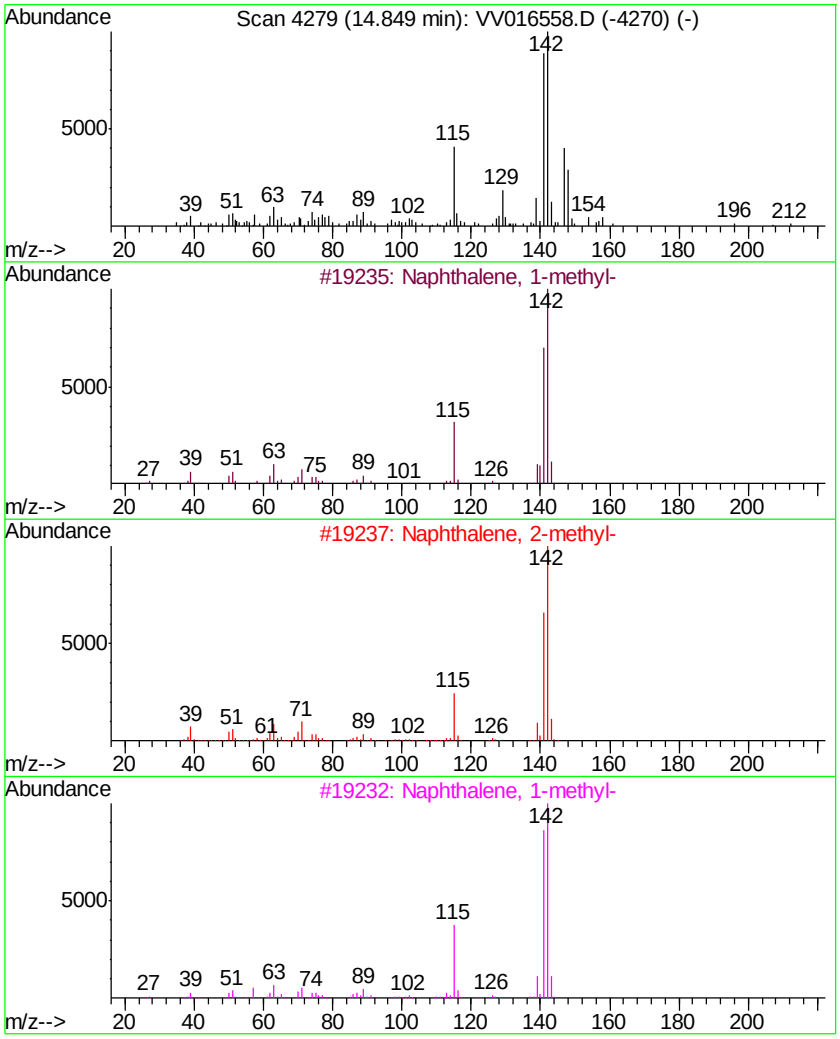
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

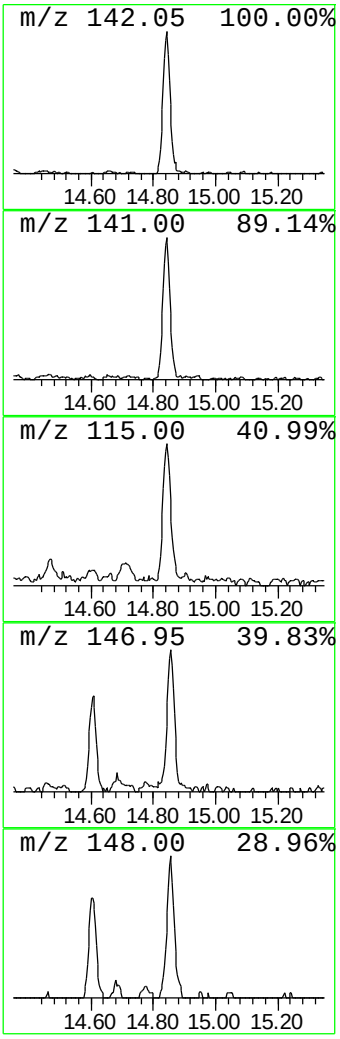
****

Peak Number 31 Naphthalene, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	4.39 ug/L	109795	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	81
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	81
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	81
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060520\
Data File : VV016558.D
Acq On : 06 Jun 2020 00:53
Operator : SY/MD
Sample : L2862-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9D74

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	14.4	ug/L	273753	1	5.64	953038	50.0
(DEL) Alkane: Str...	1.63	30.1	ug/L	573600	1	5.64	953038	50.0
(DEL) Alkane: Str...	2.51	3.6	ug/L	68367	1	5.64	953038	50.0
(DEL) Alkane: Cyc...	2.59	17.3	ug/L	329458	1	5.64	953038	50.0
(DEL) Alkane: Str...	2.78	8.1	ug/L	154884	1	5.64	953038	50.0
(DEL) Alkane: Cyc...	3.78	16.1	ug/L	307010	1	5.64	953038	50.0
1,4-Pentadiene, 2...	4.48	3.2	ug/L	60810	1	5.64	953038	50.0
(DEL) Alkane: Cyc...	4.97	4.3	ug/L	82247	1	5.64	953038	50.0
Cyclobutane, (1-m...	6.82	8.5	ug/L	161629	1	5.64	953038	50.0
2-Pentanol, 2-met...	7.16	5.4	ug/L	103284	1	5.64	953038	50.0
3-Pentanol, 3-met...	7.51	2.6	ug/L	55696	2	8.87	1076800	50.0
Cyclopentene, 1,2...	7.86	3.3	ug/L	71785	2	8.87	1076800	50.0
Thiophene, tetrah...	8.24	5.3	ug/L	113043	2	8.87	1076800	50.0
unknown-01	8.31	5.0	ug/L	107543	2	8.87	1076800	50.0
Thiophene, tetrah...	9.28	14.5	ug/L	313006	2	8.87	1076800	50.0
Thiophene, tetrah...	9.47	12.6	ug/L	271313	2	8.87	1076800	50.0
cis-2,3-Dimethylt...	9.74	7.7	ug/L	166321	2	8.87	1076800	50.0
trans-2,3-Dimethy...	9.83	8.3	ug/L	177774	2	8.87	1076800	50.0
Thiazole, 4,5-dih...	9.88	8.2	ug/L	175712	2	8.87	1076800	50.0
2H-Thiopyran, tet...	10.11	3.0	ug/L	75517	3	11.27	1250090	50.0
Hydrazine, 1,1-di...	10.43	4.3	ug/L	108820	3	11.27	1250090	50.0
Benzene, 1-ethyl-...	10.76	6.8	ug/L	169947	3	11.27	1250090	50.0
unknown-02	11.12	3.8	ug/L	94480	3	11.27	1250090	50.0
Benzene, 2-propenyl-	11.55	14.1	ug/L	353492	3	11.27	1250090	50.0
Indene	11.77	3.6	ug/L	89698	3	11.27	1250090	50.0
Benzene, 1-etheny...	12.14	6.0	ug/L	151005	3	11.27	1250090	50.0
Benzene, 2-etheny...	12.90	5.1	ug/L	128597	3	11.27	1250090	50.0
Benzene, (1-methy...	12.97	2.5	ug/L	63204	3	11.27	1250090	50.0
Naphthalene, 1-me...	14.85	4.4	ug/L	109795	3	11.27	1250090	50.0