LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011143.D
Acq On : 30 May 2019 18:40
Operator : SY/MD
Sample : K3017-22
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F5

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\SOM2VLM053019S.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	1.389	88	93	104	rVB	80562	80393	11.03%	2.349%
2	2.190	334	342	354	rVB	228738	321686	44.15%	9.398%
3	2.457	417	425	440	rVB	234817	358414	49.19%	10.471%
4	2.759	517	519	522	rBV4	1274	859	0.12%	0.025%
5	2.855	547	549	552	rBV3	717	504	0.07%	0.015%
6	2.945	570	577	578	rBV6	1225	1516	0.21%	0.044%
7	2.987	582	590	602	rVV4	7524	14112	1.94%	0.412%
8	3.206	650	658	670	rVB4	9792	19355	2.66%	0.565%
9	3.376	707	711	712	rBV3	640	407	0.06%	0.012%
10	3.399	716	718	720	rVB3	978	379	0.05%	0.011%
11	3.415	720	723	725	rBV4	724	560	0.08%	0.016%
12	3.598	778	780	782	rVB3	919	315	0.04%	0.009%
13	3.614	782	785	787	rBV2	1010	592	0.08%	0.017%
14	3.634	788	791	798	rVB7	1176	953	0.13%	0.028%
15	3.659	798	799	803	rVB4	637	279	0.04%	0.008%
16	3.688	803	808	810	rBV5	1856	1293	0.18%	0.038%
17	3.746	815	826	846	rBV2	28617	68814	9.44%	2.010%
18	3.936	874	885	904	rBV2	46966	126550	17.37%	3.697%
19	4.267	985	988	989	rBV3	582	295	0.04%	0.009%
20	4.302	997	999	1001	rBV2	853	535	0.07%	0.016%
21	4.788	1145	1150	1151	rBV4	1194	948	0.13%	0.028%
22	4.814	1156	1158	1160	rVB3	1228	507	0.07%	0.015%
23	4.894	1179	1183	1186	rVB4	1014	740	0.10%	0.022%
24	4.910	1186	1188	1191	rBV3	845	523	0.07%	0.015%
25	4.926	1191	1193	1195	rBV3	587	278	0.04%	0.008%
26	4.984	1209	1211	1213	rVB3	590	285	0.04%	0.008%
27	5.000	1213	1216	1219	rVB4	1212	790	0.11%	0.023%
28	5.019	1219	1222	1224	rBV3	809	401	0.06%	0.012%
29	5.032	1224	1226	1228	rVB3	983	357	0.05%	0.010%
30	5.087	1228	1243	1260	rBV4	46963	123953	17.01%	3.621%
31	5.309	1309	1312	1316	rBV4	712	673	0.09%	0.020%
32	5.370	1322	1331	1345	rBV4	13840	29908	4.10%	0.874%
33	5.492	1367	1369	1371	rBV2	682	359	0.05%	0.010%
34	5.576	1373	1395	1410	rVV	20716	57452	7.88%	1.678%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011143.D
Acq On : 30 May 2019 18:40
Operator : SY/MD
Sample : K3017-22
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F5

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\SOM2VLM053019S.M
Title : VOC Analysis

35	5.752	1447	1450	1454	rBV5	1052	1013	0.14%	0.030%
36	5.926	1498	1504	1506	rBV7	1936	1656	0.23%	0.048%
37	5.955	1506	1513	1527	rVB7	7532	14772	2.03%	0.432%
38	6.116	1553	1563	1579	rBV4	24437	47546	6.53%	1.389%
39	6.328	1619	1629	1649	rBV	96177	187118	25.68%	5.467%
40	6.534	1691	1693	1695	rBV3	1197	752	0.10%	0.022%
41	6.585	1706	1709	1710	rBV2	1019	563	0.08%	0.016%
42	6.646	1724	1728	1729	rBV3	1178	856	0.12%	0.025%
43	6.781	1768	1770	1773	rBV4	746	496	0.07%	0.014%
44	6.807	1775	1778	1782	rBV5	1712	1849	0.25%	0.054%
45	6.868	1794	1797	1799	rVB4	956	532	0.07%	0.016%
46	6.904	1806	1808	1809	rBV2	800	347	0.05%	0.010%
47	6.936	1815	1818	1820	rBV4	932	761	0.10%	0.022%
48	7.029	1840	1847	1862	rVB2	15505	27034	3.71%	0.790%
49	7.100	1867	1869	1871	rBV3	594	361	0.05%	0.011%
50	7.158	1881	1887	1890	rBV7	1022	1220	0.17%	0.036%
51	7.180	1890	1894	1898	rBV6	1604	1672	0.23%	0.049%
52	7.235	1909	1911	1916	rVB6	871	309	0.04%	0.009%
53	7.508	1994	1996	1997	rBV2	1261	566	0.08%	0.017%
54	7.666	2036	2045	2054	rBV3	15355	25427	3.49%	0.743%
55	7.974	2133	2141	2155	rBV7	10335	21228	2.91%	0.620%
56	8.132	2180	2190	2220	rBV	150244	280357	38.48%	8.191%
57	8.280	2225	2236	2262	rBV	444186	728669	100.00%	21.288%
58	8.601	2327	2336	2337	rBV10	1352	2085	0.29%	0.061%
59	8.624	2341	2343	2346	rBV4	875	525	0.07%	0.015%
60	8.662	2353	2355	2358	rVB3	1226	694	0.10%	0.020%
61	8.678	2358	2360	2362	rBV3	1168	673	0.09%	0.020%
62	8.691	2362	2364	2367	rVV3	1178	721	0.10%	0.021%
63	8.797	2395	2397	2400	rVB5	671	277	0.04%	0.008%
64	8.810	2400	2401	2402	rBV5	595	133	0.02%	0.004%
65	8.852	2410	2414	2415	rBV4	1676	1161	0.16%	0.034%
66	8.894	2418	2427	2445	rVB	67330	116421	15.98%	3.401%
67	9.180	2509	2516	2524	rBV4	7775	14030	1.93%	0.410%
68	9.527	2616	2624	2637	rBV3	24140	51831	7.11%	1.514%
69	9.852	2717	2725	2742	rVB2	32875	55620	7.63%	1.625%
70	10.038	2781	2783	2784	rBV2	734	364	0.05%	0.011%
71	10.260	2835	2852	2867	rBV	97823	166319	22.83%	4.859%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011143.D
Acq On : 30 May 2019 18:40
Operator : SY/MD
Sample : K3017-22
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F5

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\SOM2VLM053019S.M
Title : VOC Analysis

72	10.354	2879	2881	2885	rBV4	1097	811	0.11%	0.024%
73	10.421	2889	2902	2910	rBV2	13100	23869	3.28%	0.697%
74	10.559	2935	2945	2955	rBV2	7322	15550	2.13%	0.454%
75	10.624	2957	2965	2985	rVB3	25189	46015	6.31%	1.344%
76	11.292	3164	3173	3189	rVB	84782	146110	20.05%	4.269%
77	11.579	3255	3262	3271	rBV2	15052	24631	3.38%	0.720%
78	11.672	3282	3291	3302	rBV	78792	133901	18.38%	3.912%
79	12.392	3508	3515	3529	rVB3	25806	40710	5.59%	1.189%
80	13.347	3810	3812	3814	rBV3	1377	661	0.09%	0.019%
81	14.090	4035	4043	4054	rBV2	8890	16882	2.32%	0.493%
82	14.344	4121	4122	4124	rBV2	914	328	0.05%	0.010%
83	14.559	4187	4189	4191	rBV3	1066	715	0.10%	0.021%
84	14.588	4196	4198	4200	rBV3	793	275	0.04%	0.008%
85	14.646	4214	4216	4217	rBV2	983	376	0.05%	0.011%
86	14.742	4243	4246	4247	rBV3	2103	1094	0.15%	0.032%

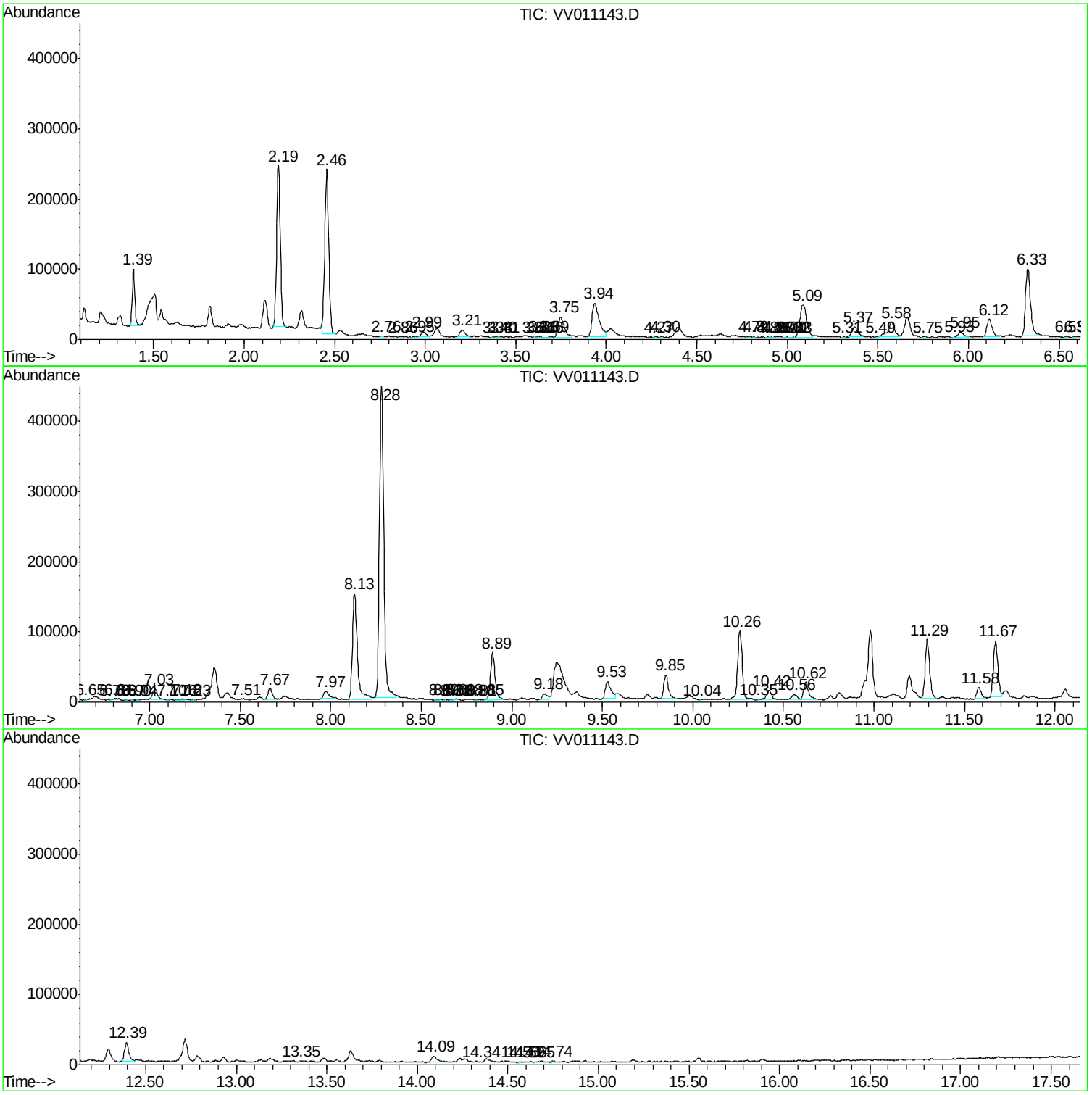
Sum of corrected areas: 3422871

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011143.D
Acq On : 30 May 2019 18:40
Operator : SY/MD
Sample : K3017-22
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51F5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.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\VV053019\
Data File : VV011143.D
Acq On : 30 May 2019 18:40
Operator : SY/MD
Sample : K3017-22
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

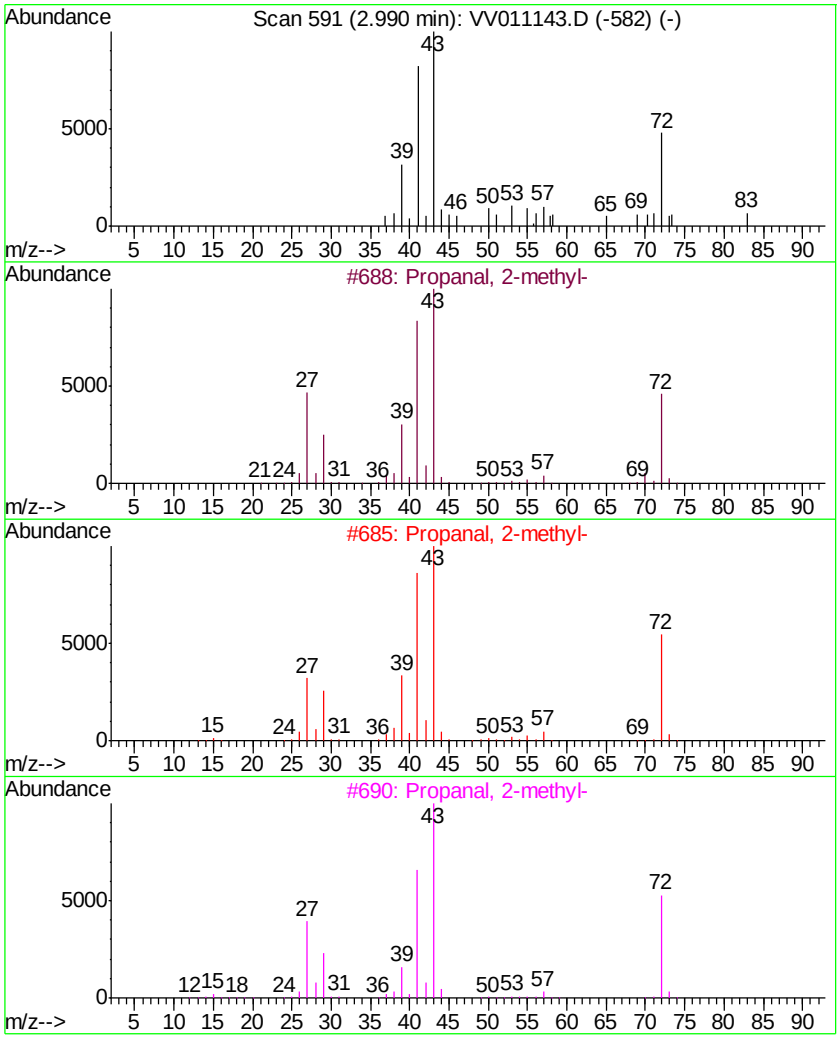
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

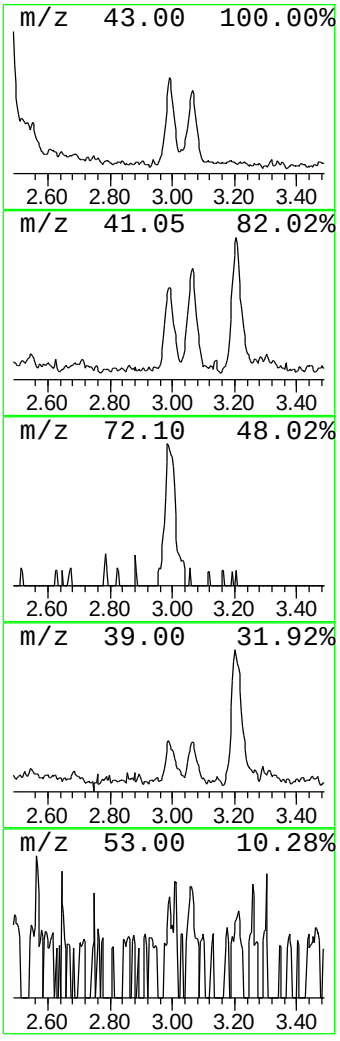
****

Peak Number 2 Propanal, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	6.14 ug/L	14112	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal, 2-methyl-	72	C4H8O	000078-84-2	53
2	Propanal, 2-methyl-	72	C4H8O	000078-84-2	53
3	Propanal, 2-methyl-	72	C4H8O	000078-84-2	50
4	Butanal	72	C4H8O	000123-72-8	47
5	2-Propen-1-ol, 2-methyl-, acetate	114	C6H10O2	000820-71-3	40





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011143.D
Acq On : 30 May 2019 18:40
Operator : SY/MD
Sample : K3017-22
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

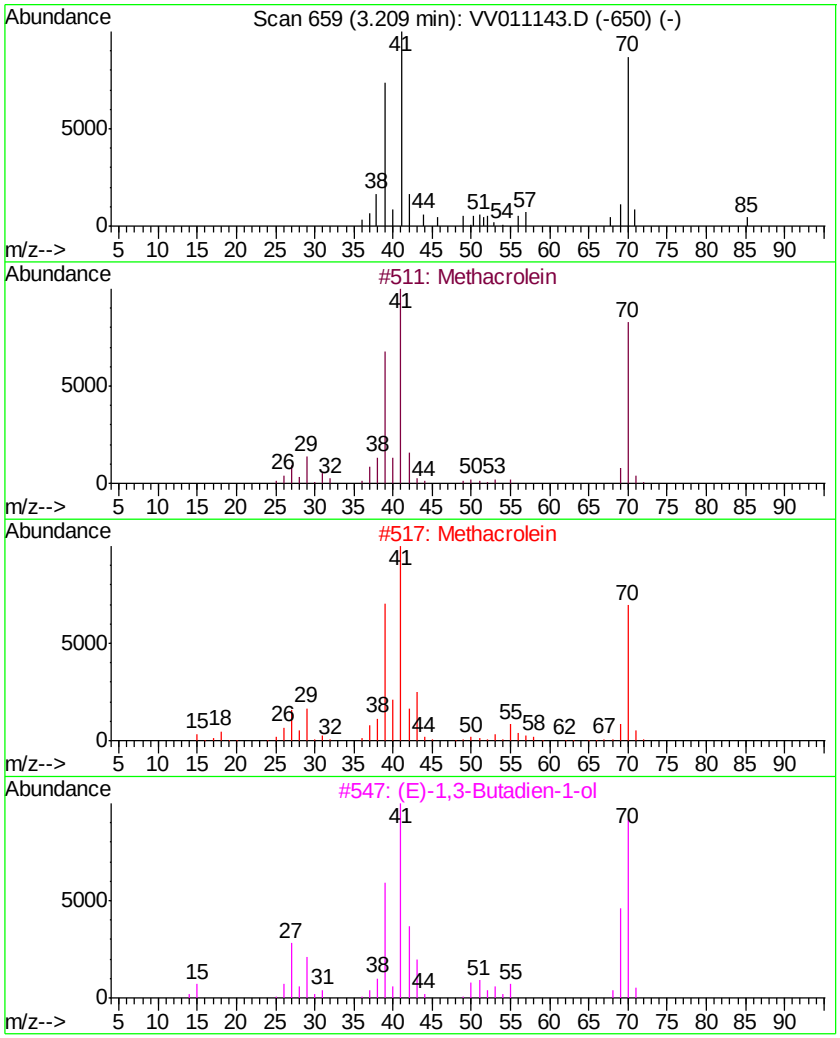
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

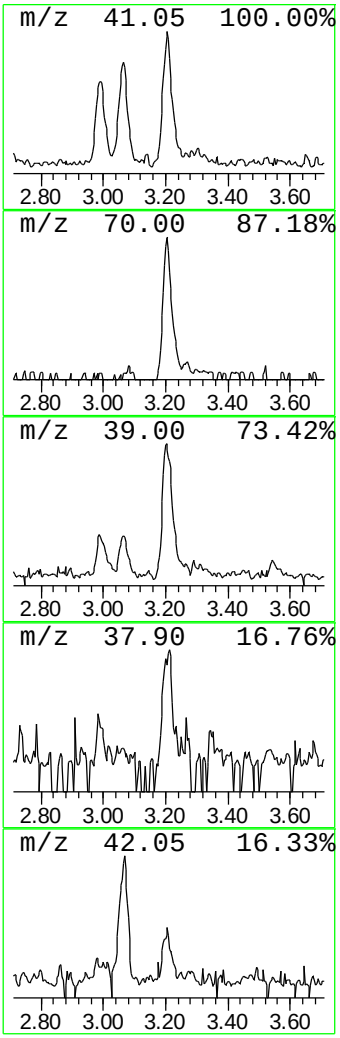
****

Peak Number 3 Methacrolein Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	8.42 ug/L	19355	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrolein	70	C4H6O	000078-85-3	90
2	Methacrolein	70	C4H6O	000078-85-3	90
3	(E)-1,3-Butadien-1-ol	70	C4H6O	070411-98-2	86
4	2-Butenal	70	C4H6O	004170-30-3	86
5	Methacrolein	70	C4H6O	000078-85-3	86





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011143.D
Acq On : 30 May 2019 18:40
Operator : SY/MD
Sample : K3017-22
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

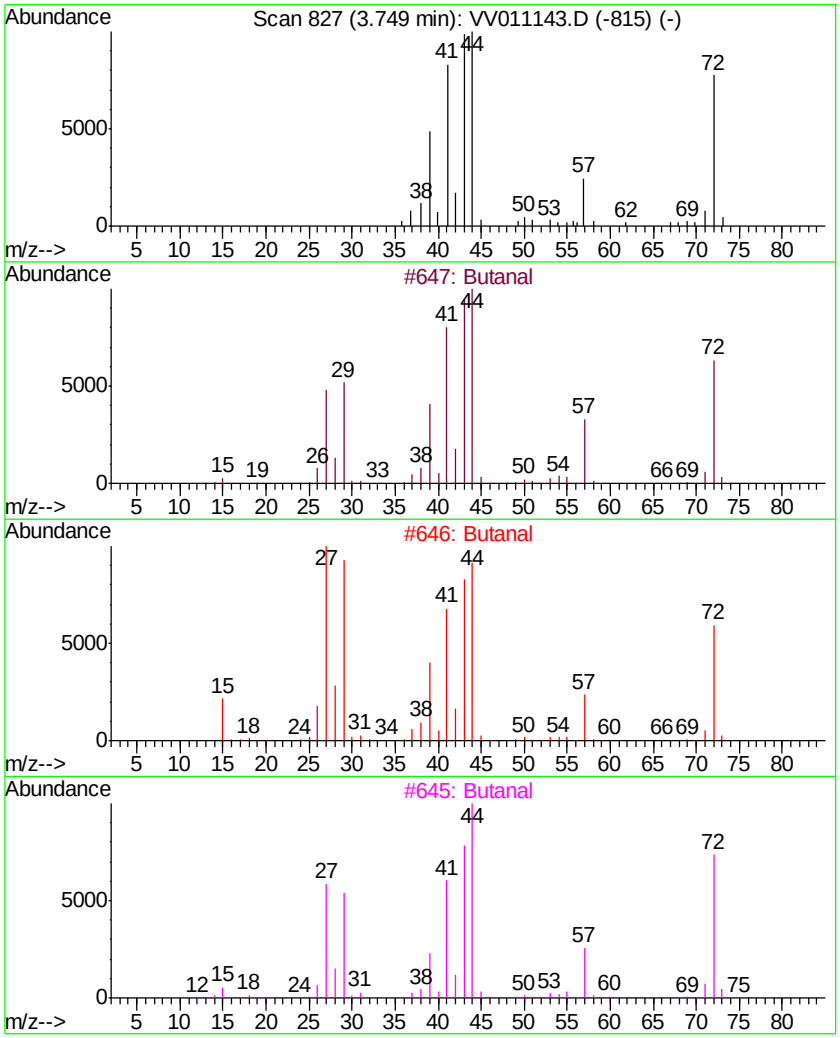
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

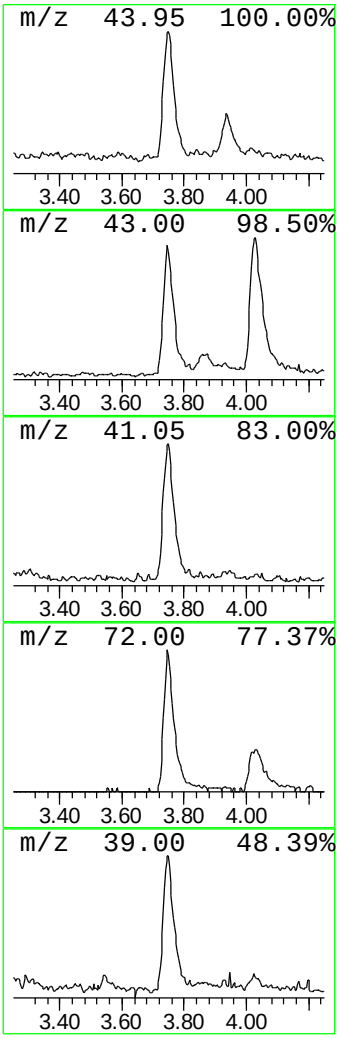
****

Peak Number 4 Butanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.75	29.94 ug/L	68814	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	91
2	Butanal	72	C4H8O	000123-72-8	91
3	Butanal	72	C4H8O	000123-72-8	72
4	Butanal	72	C4H8O	000123-72-8	72
5	Ethene, ethoxy-	72	C4H8O	000109-92-2	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011143.D
Acq On : 30 May 2019 18:40
Operator : SY/MD
Sample : K3017-22
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

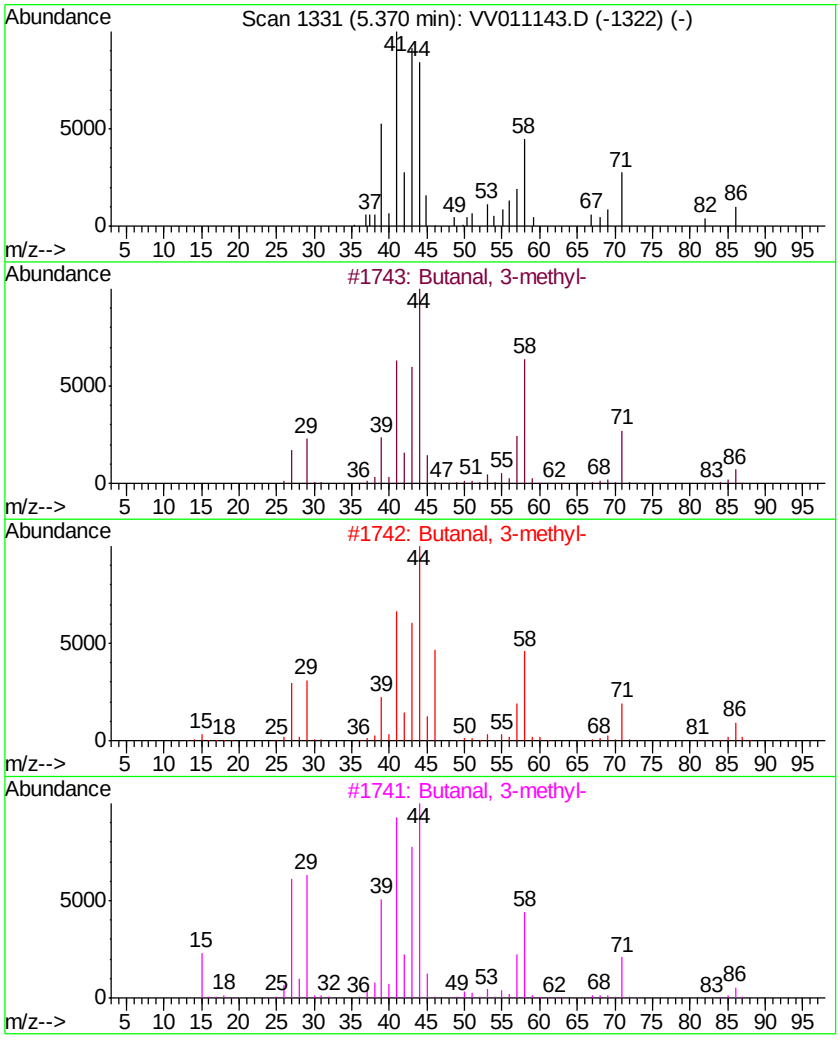
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

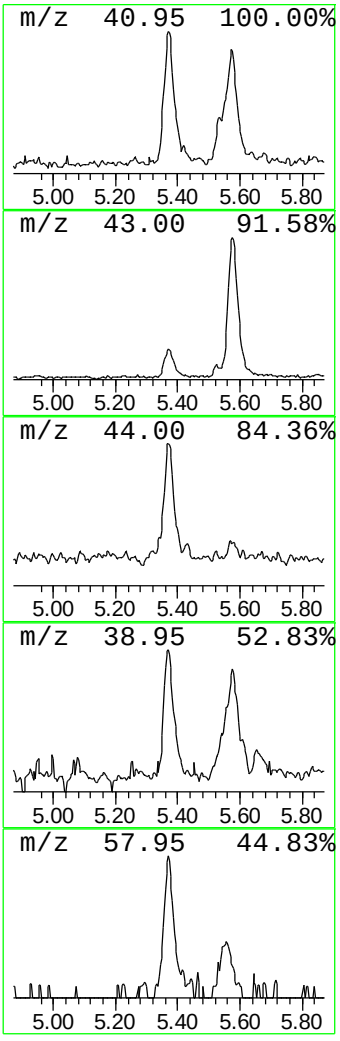
****

Peak Number 5 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.37	13.01 ug/L	29908	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal, 3-methyl-	86	C5H10O	000590-86-3	47
2	Butanal, 3-methyl-	86	C5H10O	000590-86-3	47
3	Butanal, 3-methyl-	86	C5H10O	000590-86-3	43
4	1-Isopropyldiaziridine	86	C4H10N2	033657-26-0	38
5	Cyclopropanecarboxamide	85	C4H7NO	006228-73-5	33





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011143.D
Acq On : 30 May 2019 18:40
Operator : SY/MD
Sample : K3017-22
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

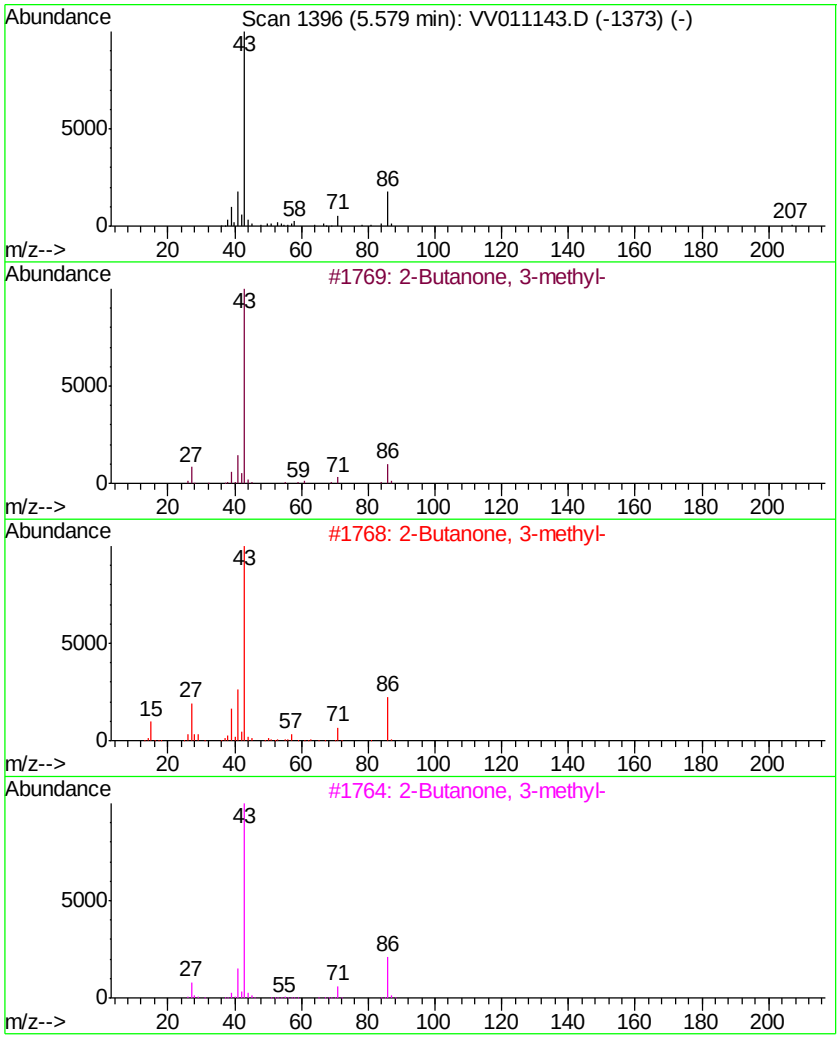
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

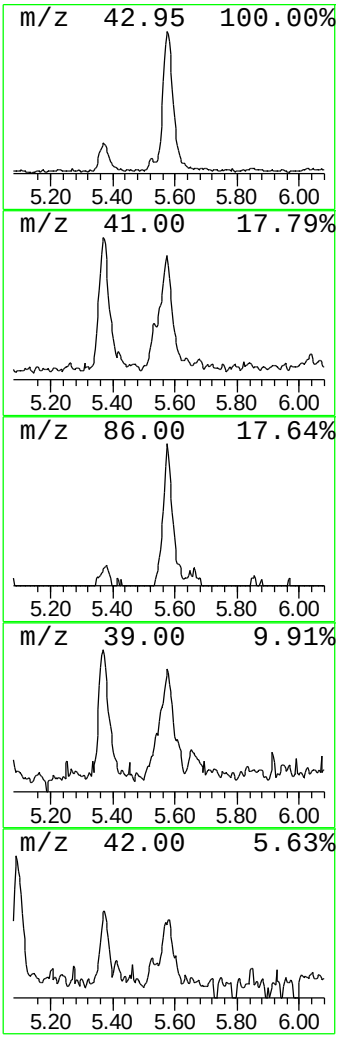
****

Peak Number 6 2-Butanone, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.58	25.00 ug/L	57452	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	64
2	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	64
3	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	59
4	2-Pentanone	86	C5H10O	000107-87-9	50
5	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	42





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011143.D
Acq On : 30 May 2019 18:40
Operator : SY/MD
Sample : K3017-22
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

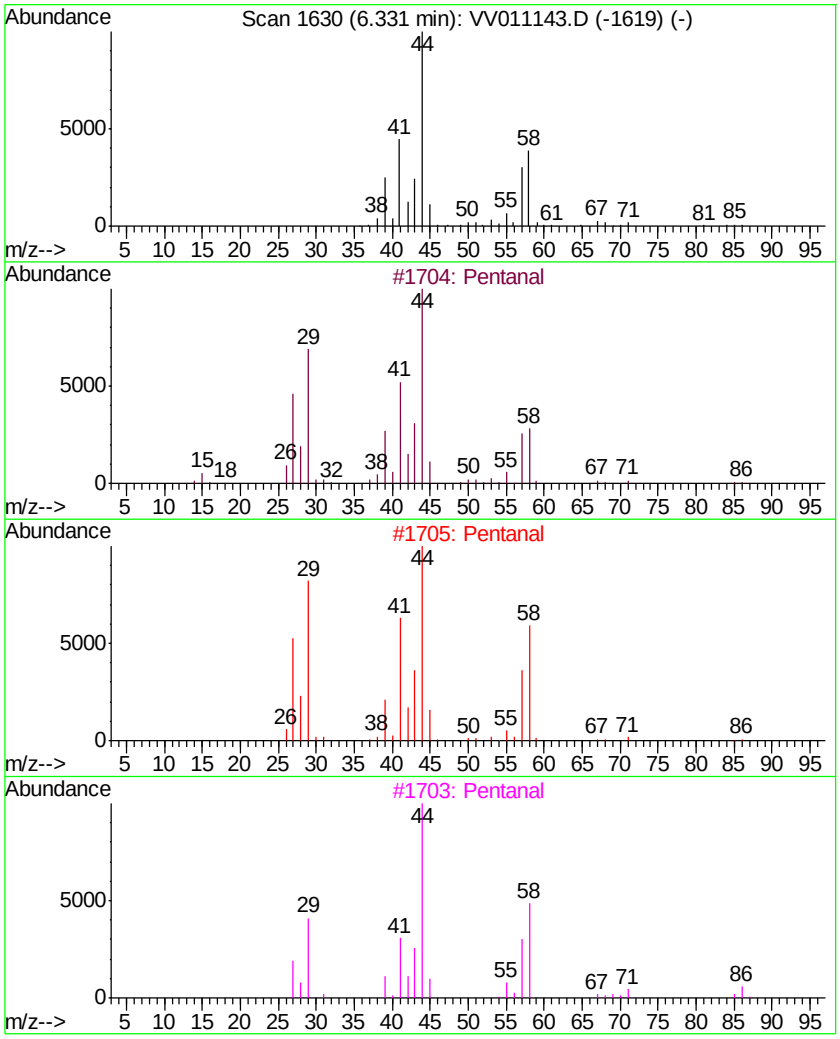
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

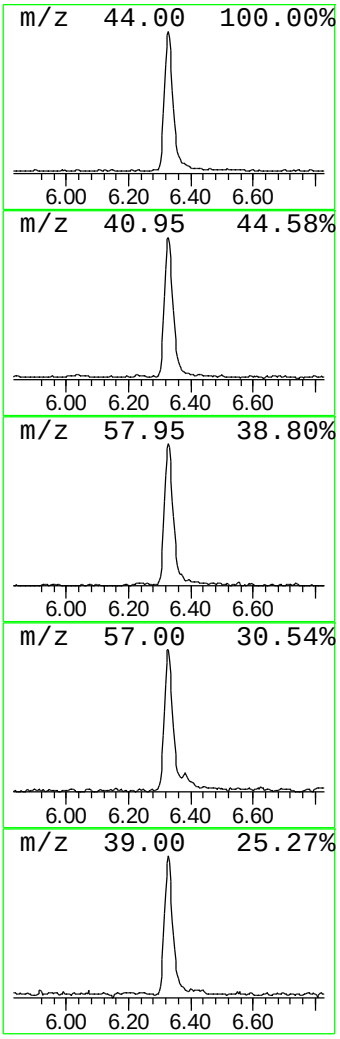
****

Peak Number 7 Pentanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	81.42 ug/L	187118	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	90
2	Pentanal	86	C5H10O	000110-62-3	78
3	Pentanal	86	C5H10O	000110-62-3	64
4	1-Octadecanamine, N-methyl-	283	C19H41N	002439-55-6	43
5	Butanal, 3-methyl-	86	C5H10O	000590-86-3	42





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011143.D
Acq On : 30 May 2019 18:40
Operator : SY/MD
Sample : K3017-22
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

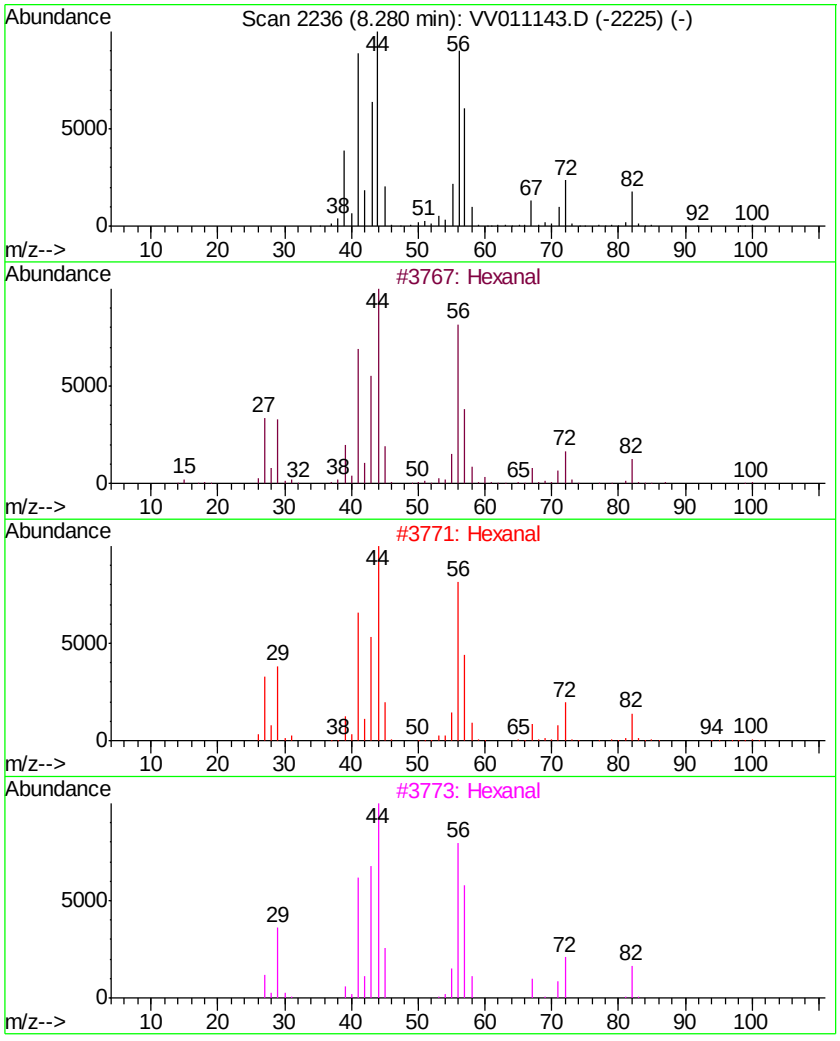
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

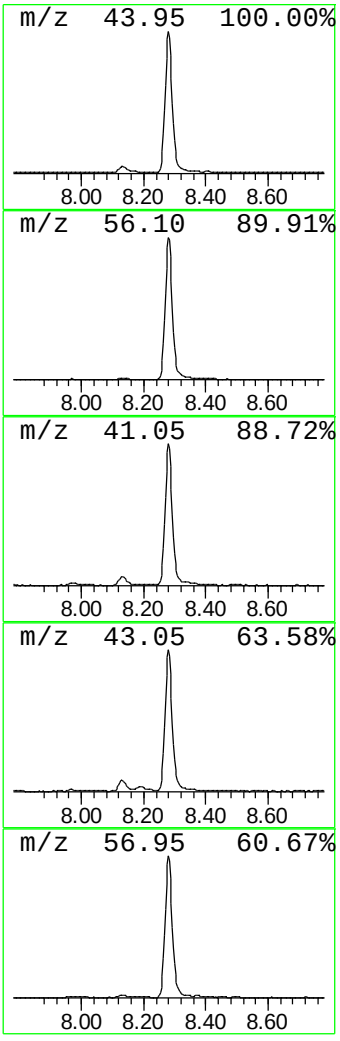
****

Peak Number 10 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	156.47 ug/L	728669	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	87
2	Hexanal	100	C6H12O	000066-25-1	80
3	Hexanal	100	C6H12O	000066-25-1	80
4	Hexanal	100	C6H12O	000066-25-1	80
5	Glutaraldehyde	100	C5H8O2	000111-30-8	22





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011143.D
Acq On : 30 May 2019 18:40
Operator : SY/MD
Sample : K3017-22
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

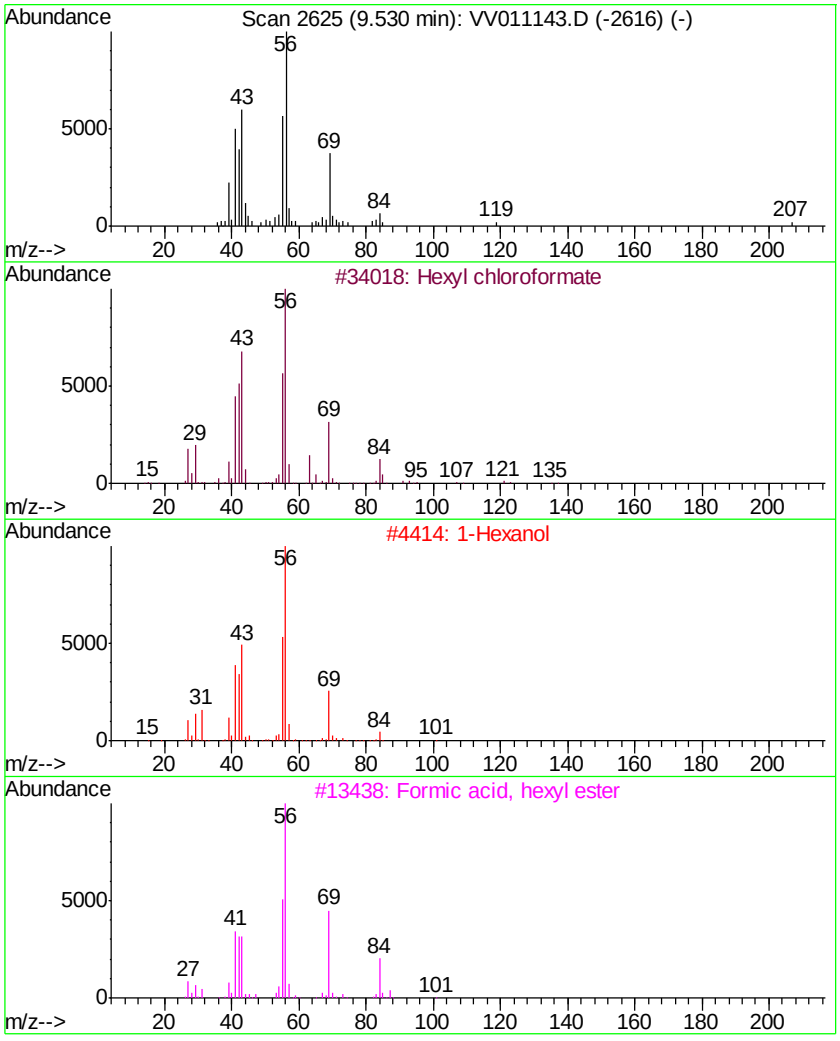
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

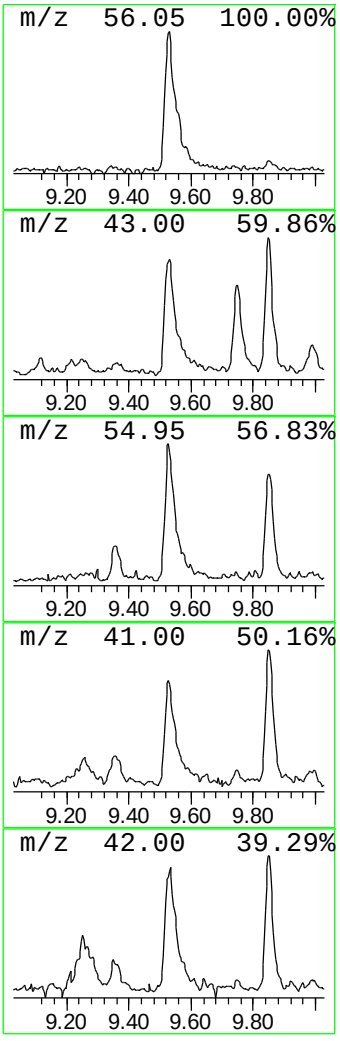
****

Peak Number 11 Hexyl chloroformate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	11.13 ug/L	51831	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexyl chloroformate	164	C7H13ClO2	006092-54-2	86
2	1-Hexanol	102	C6H14O	000111-27-3	72
3	Formic acid, hexyl ester	130	C7H14O2	000629-33-4	72
4	1-Hexanol	102	C6H14O	000111-27-3	72
5	1-Hexanol	102	C6H14O	000111-27-3	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011143.D
Acq On : 30 May 2019 18:40
Operator : SY/MD
Sample : K3017-22
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

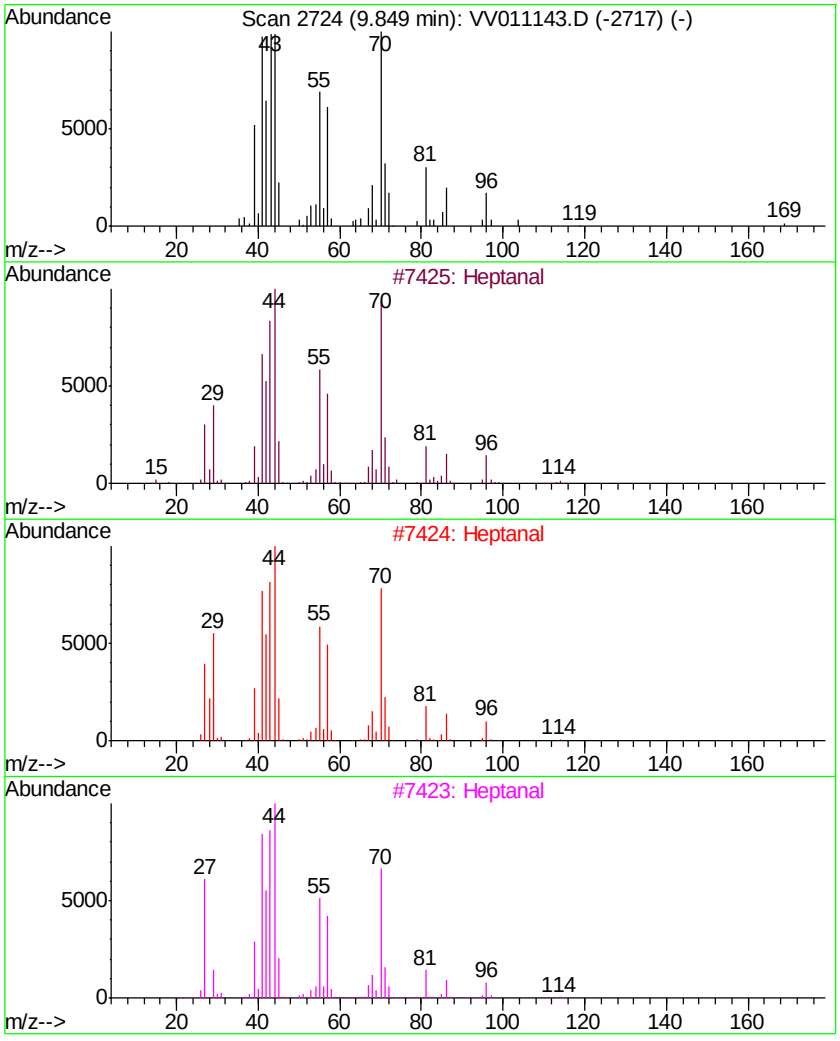
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

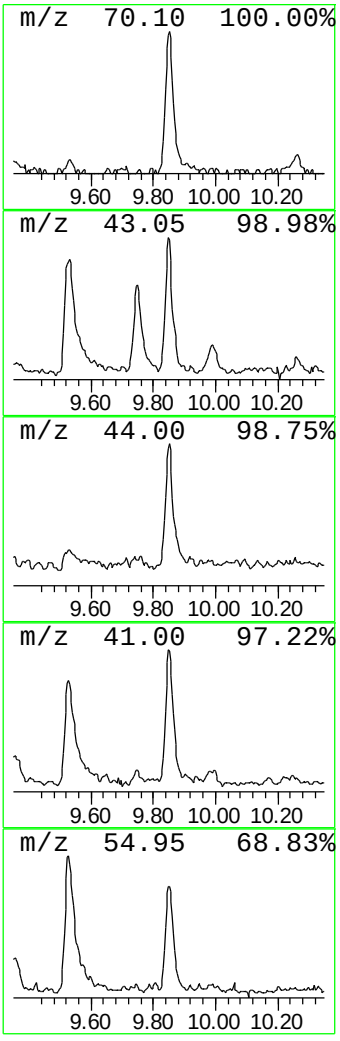
****

Peak Number 12 Heptanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	11.94 ug/L	55620	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	91
2	Heptanal	114	C7H14O	000111-71-7	90
3	Heptanal	114	C7H14O	000111-71-7	83
4	Heptanal	114	C7H14O	000111-71-7	78
5	Heptanal	114	C7H14O	000111-71-7	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011143.D
Acq On : 30 May 2019 18:40
Operator : SY/MD
Sample : K3017-22
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

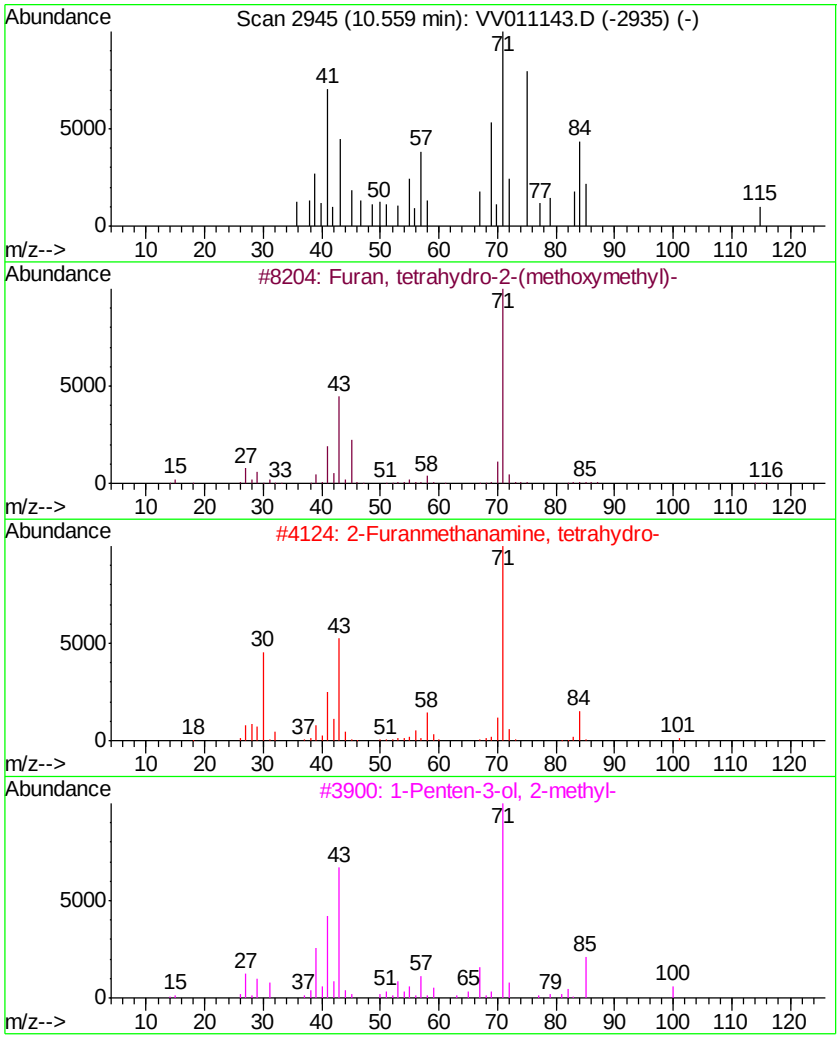
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

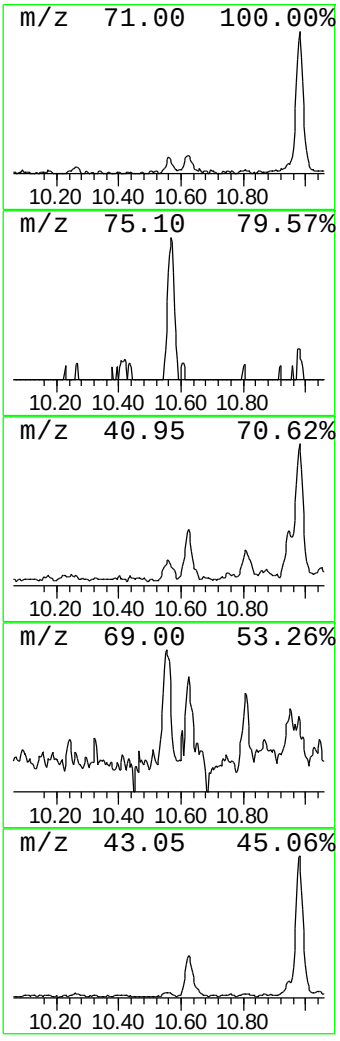
****

Peak Number 14 unknown-02 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	2.66 ug/L	15550	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	10
2	2-Furanmethanamine, tetrahydro-	101	C5H11NO	004795-29-3	10
3	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	10
4	2-Butene, 1,4-dimethoxy-	116	C6H12O2	026649-86-5	10
5	Z-1-Methoxy-2-pentene	100	C6H12O	1000279-59-4	10





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011143.D
Acq On : 30 May 2019 18:40
Operator : SY/MD
Sample : K3017-22
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

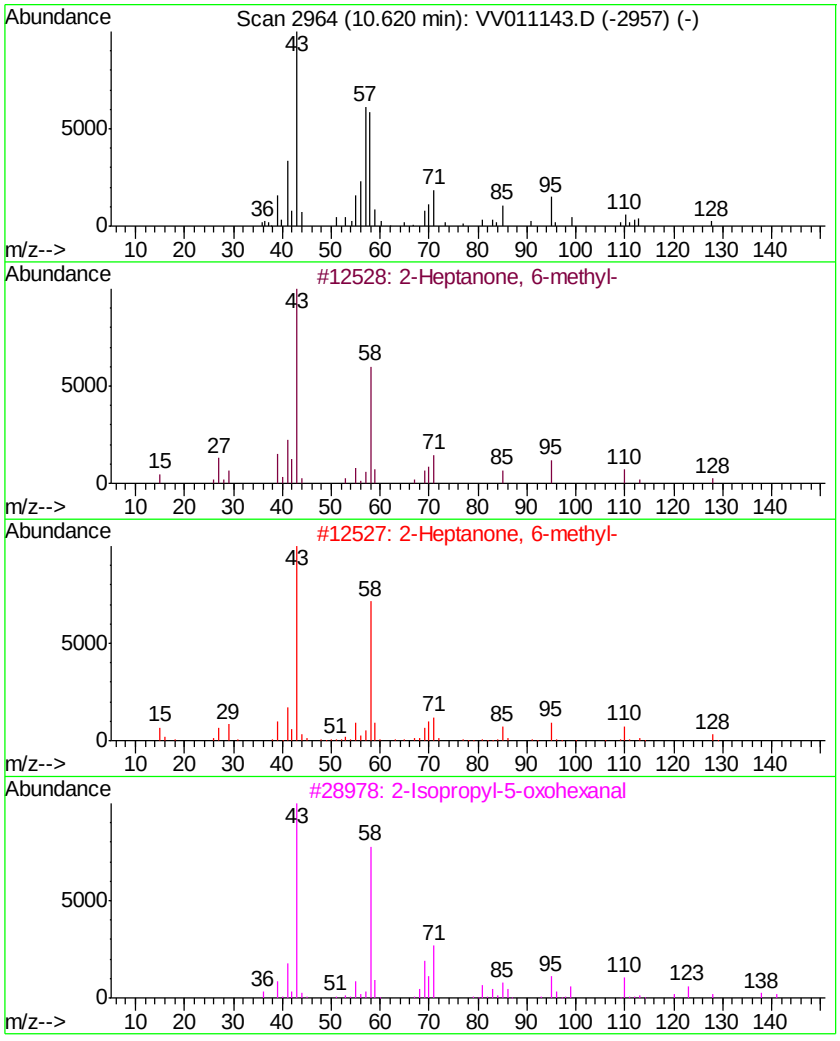
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

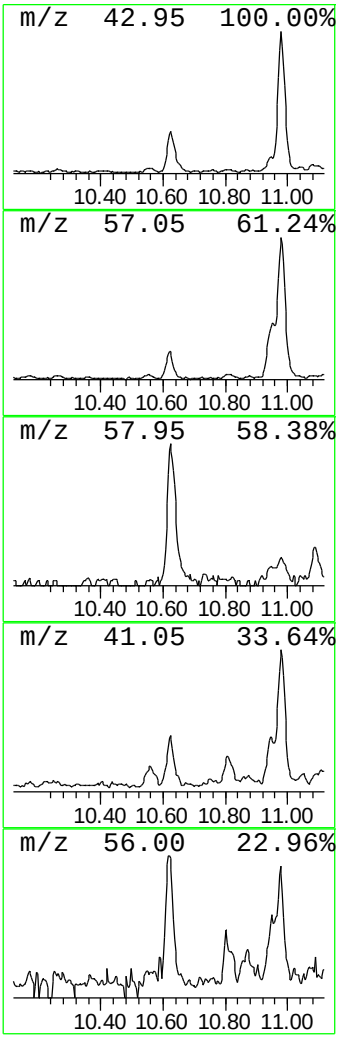
****

Peak Number 15 2-Heptanone, 6-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	7.87 ug/L	46015	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	62
2	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	52
3	2-Isopropyl-5-oxohexanal	156	C9H16O2	015303-46-5	47
4	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	38
5	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	30





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011143.D
Acq On : 30 May 2019 18:40
Operator : SY/MD
Sample : K3017-22
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

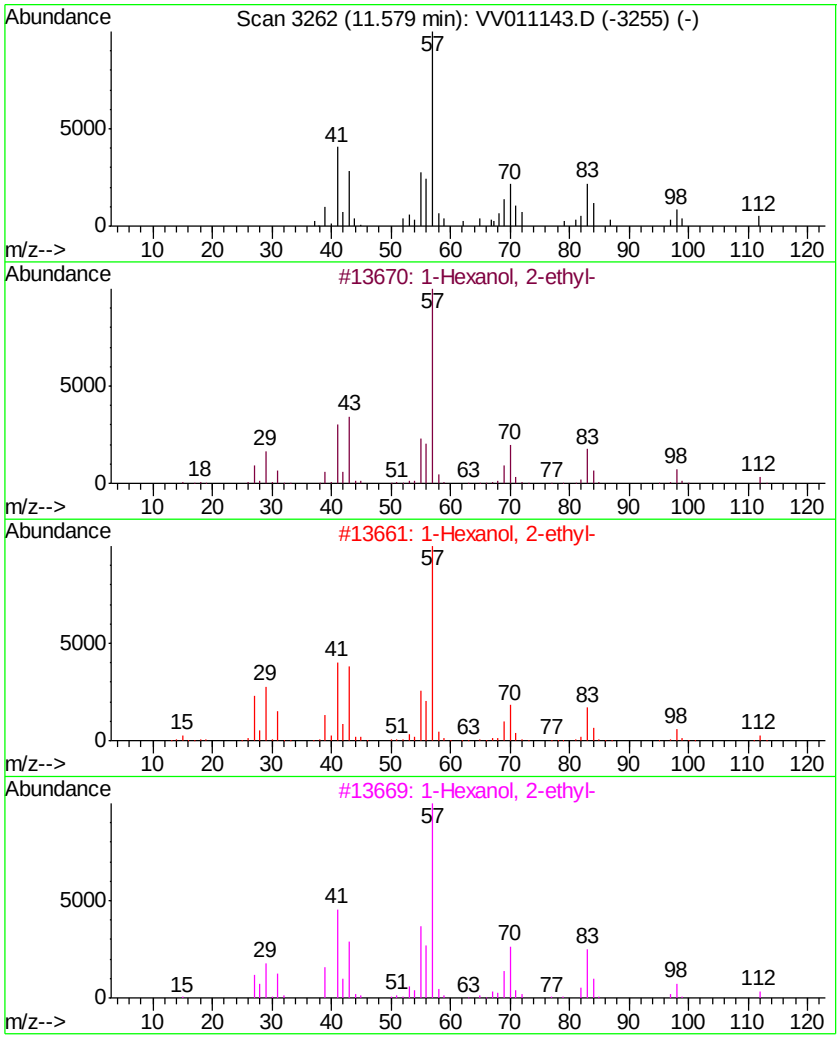
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

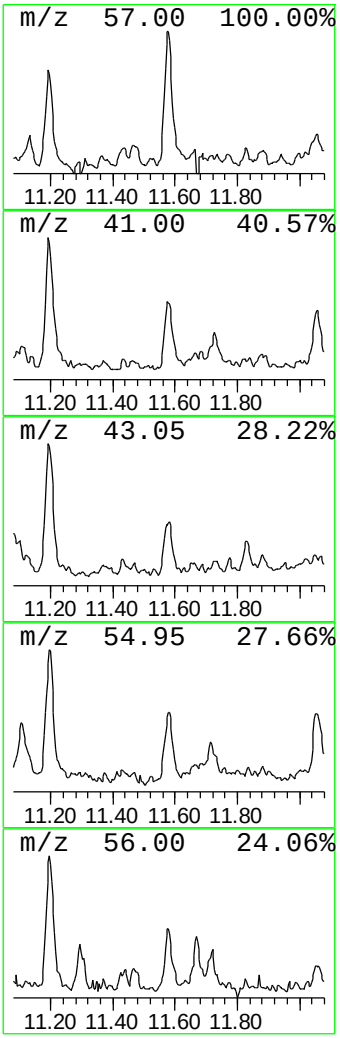
****

Peak Number 16 1-Hexanol, 2-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	4.21 ug/L	24631	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011143.D
Acq On : 30 May 2019 18:40
Operator : SY/MD
Sample : K3017-22
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

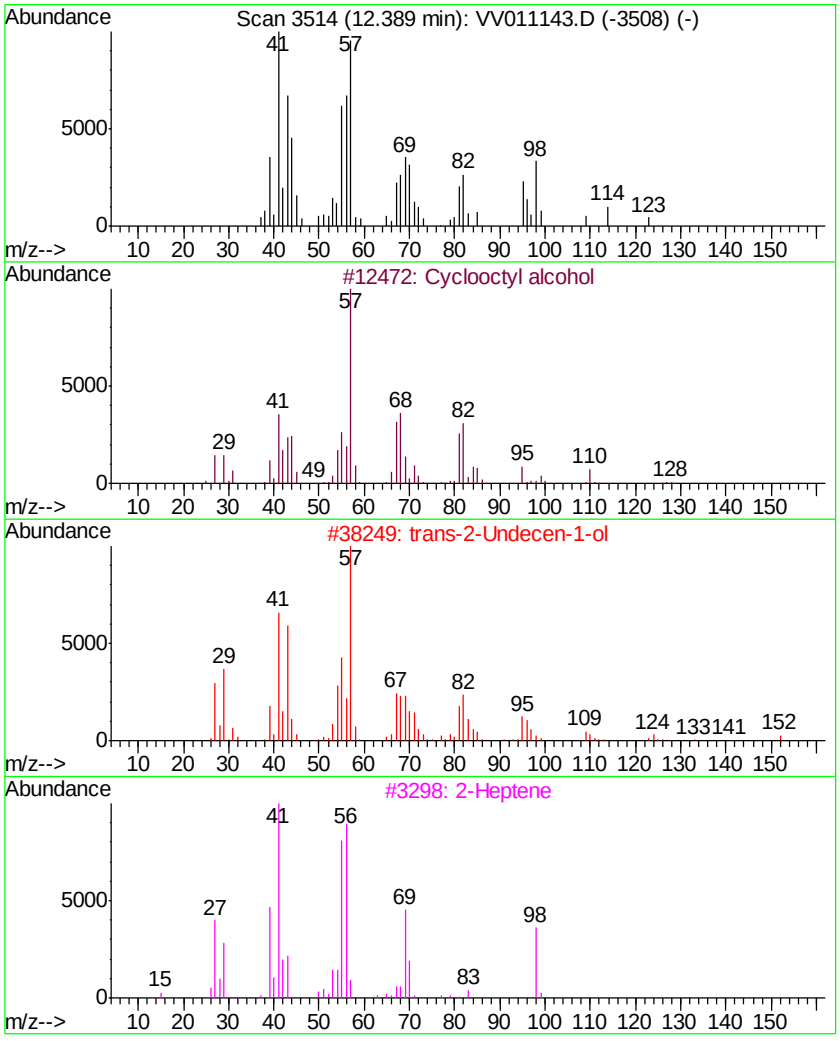
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

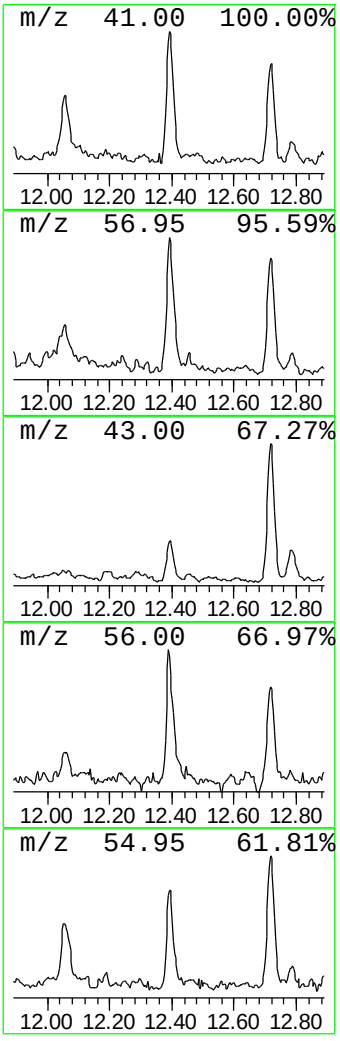
****

Peak Number 17 unknown-03 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	6.97 ug/L	40710	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctyl alcohol	128	C8H16O	000696-71-9	35
2	trans-2-Undecen-1-ol	170	C11H22O	075039-84-8	27
3	2-Heptene	98	C7H14	000592-77-8	25
4	3-Heptene, (E)-	98	C7H14	014686-14-7	25
5	3-Heptene	98	C7H14	000592-78-9	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053019\
Data File : VV011143.D
Acq On : 30 May 2019 18:40
Operator : SY/MD
Sample : K3017-22
Misc : 4.80G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.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
Propanal, 2-methyl-	2.99	6.1	ug/L	14112	1	5.66	57452	25.0
Methacrolein	3.21	8.4	ug/L	19355	1	5.66	57452	25.0
Butanal	3.75	29.9	ug/L	68814	1	5.66	57452	25.0
unknown-01	5.37	13.0	ug/L	29908	1	5.66	57452	25.0
2-Butanone, 3-met...	5.58	25.0	ug/L	57452	1	5.66	57452	25.0
Pentanal	6.33	81.4	ug/L	187118	1	5.66	57452	25.0
Hexanal	8.28	156.5	ug/L	728669	2	8.89	116421	25.0
Hexyl chloroformate	9.53	11.1	ug/L	51831	2	8.89	116421	25.0
Heptanal	9.85	11.9	ug/L	55620	2	8.89	116421	25.0
unknown-02	10.56	2.7	ug/L	15550	3	11.30	146110	25.0
2-Heptanone, 6-me...	10.62	7.9	ug/L	46015	3	11.30	146110	25.0
1-Hexanol, 2-ethyl-	11.58	4.2	ug/L	24631	3	11.30	146110	25.0
unknown-03	12.39	7.0	ug/L	40710	3	11.30	146110	25.0