LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053119\
Data File : VV011181.D
Acq On : 31 May 2019 16:43
Operator : SY/MD
Sample : K3083-01RE
Misc : 3.22G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F3RE

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	1.312	65	69	77	rVB	185782	173900	14.99%	1.735%
2	1.576	146	151	160	rVB	145590	158059	13.62%	1.577%
3	2.122	313	321	333	rVB	327113	463772	39.97%	4.626%
4	2.193	336	343	354	rVB	133103	193464	16.67%	1.930%
5	2.933	571	573	576	rBV4	860	472	0.04%	0.005%
6	2.991	582	591	602	rBV3	10066	19472	1.68%	0.194%
7	3.132	633	635	638	rVB3	1042	607	0.05%	0.006%
8	3.341	698	700	701	rBV	806	294	0.03%	0.003%
9	3.376	709	711	715	rVB4	687	369	0.03%	0.004%
10	3.396	715	717	720	rBV4	1168	811	0.07%	0.008%
11	3.441	728	731	733	rBV3	794	340	0.03%	0.003%
12	3.454	733	735	736	rBV2	925	468	0.04%	0.005%
13	3.499	744	749	751	rBV6	1156	990	0.09%	0.010%
14	3.524	755	757	758	rBV2	796	317	0.03%	0.003%
15	3.646	791	795	797	rBV5	774	553	0.05%	0.006%
16	3.691	804	809	811	rBV4	1654	1161	0.10%	0.012%
17	3.749	816	827	849	rVV3	39762	98795	8.52%	0.986%
18	4.196	963	966	968	rBV3	1089	681	0.06%	0.007%
19	4.338	1006	1010	1011	rBV4	866	609	0.05%	0.006%
20	4.396	1011	1028	1047	rVV	199195	482456	41.58%	4.813%
21	4.839	1164	1166	1168	rVB3	842	315	0.03%	0.003%
22	4.884	1178	1180	1182	rVB3	796	425	0.04%	0.004%
23	4.904	1182	1186	1188	rVB4	1132	656	0.06%	0.007%
24	4.933	1192	1195	1198	rBV4	591	542	0.05%	0.005%
25	4.965	1200	1205	1208	rVB7	1241	831	0.07%	0.008%
26	4.984	1208	1211	1214	rBV3	852	757	0.07%	0.008%
27	5.090	1224	1244	1271	rBV2	476717	1160211	100.00%	11.573%
28	5.370	1322	1331	1344	rBV4	17391	38324	3.30%	0.382%
29	5.576	1369	1395	1405	rBV4	16344	57564	4.96%	0.574%
30	5.659	1409	1421	1450	rVV	414790	829295	71.48%	8.272%
31	5.891	1489	1493	1494	rBV4	1054	717	0.06%	0.007%
32	5.955	1501	1513	1530	rBV3	24221	52323	4.51%	0.522%
33	6.032	1535	1537	1541	rVB5	1236	674	0.06%	0.007%
34	6.113	1547	1562	1582	rBV	264896	542647	46.77%	5.413%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053119\
Data File : VV011181.D
Acq On : 31 May 2019 16:43
Operator : SY/MD
Sample : K3083-01RE
Misc : 3.22G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F3RE

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	6.328	1618	1629	1649	rBV	165505	319347	27.52%	3.186%
36	6.611	1714	1717	1722	rBV8	1303	985	0.08%	0.010%
37	6.695	1742	1743	1749	rBV7	1155	649	0.06%	0.006%
38	6.817	1778	1781	1783	rBV4	1110	479	0.04%	0.005%
39	6.865	1791	1796	1798	rBV4	894	739	0.06%	0.007%
40	6.888	1798	1803	1804	rBV4	908	811	0.07%	0.008%
41	6.965	1823	1827	1829	rBV6	856	600	0.05%	0.006%
42	6.984	1829	1833	1834	rBV4	2277	1503	0.13%	0.015%
43	7.026	1836	1846	1861	rVB	138586	244047	21.03%	2.434%
44	7.357	1932	1949	1964	rBV	545657	979572	84.43%	9.771%
45	7.608	2018	2027	2033	rBV6	5373	8864	0.76%	0.088%
46	7.662	2035	2044	2061	rVB	79158	134649	11.61%	1.343%
47	8.016	2131	2154	2173	rBV	161272	292631	25.22%	2.919%
48	8.132	2180	2190	2209	rBV	107362	196847	16.97%	1.964%
49	8.280	2225	2236	2260	rBV	701050	1158076	99.82%	11.552%
50	8.579	2326	2329	2332	rBV4	1311	1075	0.09%	0.011%
51	8.659	2352	2354	2358	rBV4	962	589	0.05%	0.006%
52	8.762	2385	2386	2388	rBV2	868	338	0.03%	0.003%
53	8.804	2396	2399	2402	rVB4	1511	786	0.07%	0.008%
54	8.820	2402	2404	2407	rBV4	529	436	0.04%	0.004%
55	8.894	2416	2427	2445	rVB	502267	809599	69.78%	8.076%
56	9.103	2487	2492	2494	rBV3	3141	3230	0.28%	0.032%
57	9.244	2527	2536	2563	rBV	51146	173902	14.99%	1.735%
58	9.479	2608	2609	2611	rBV2	1038	411	0.04%	0.004%
59	9.537	2617	2627	2632	rBV9	6492	11826	1.02%	0.118%
60	9.746	2687	2692	2700	rBV5	6006	8475	0.73%	0.085%
61	9.849	2714	2724	2737	rBV2	56195	97305	8.39%	0.971%
62	10.260	2841	2852	2870	rVB	129407	208936	18.01%	2.084%
63	10.370	2883	2886	2888	rBV3	581	439	0.04%	0.004%
64	10.627	2959	2966	2979	rVB3	14432	24737	2.13%	0.247%
65	10.723	2991	2996	2998	rBV3	2254	1854	0.16%	0.018%
66	11.196	3135	3143	3160	rVB2	50100	86347	7.44%	0.861%
67	11.292	3163	3173	3192	rVB	290539	479342	41.32%	4.782%
68	11.579	3254	3262	3271	rBV6	12394	21213	1.83%	0.212%
69	11.672	3280	3291	3303	rBV	212150	346057	29.83%	3.452%
70	11.794	3328	3329	3334	rBV4	1254	663	0.06%	0.007%
71	11.990	3385	3390	3398	rBV4	2968	4838	0.42%	0.048%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053119\
Data File : VV011181.D
Acq On : 31 May 2019 16:43
Operator : SY/MD
Sample : K3083-01RE
Misc : 3.22G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F3RE

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	12.054	3404	3410	3428	rVB6	16051	31037	2.68%	0.310%
73	12.392	3507	3515	3529	rBV3	32290	54238	4.67%	0.541%
74	12.579	3571	3573	3576	rBV3	1257	934	0.08%	0.009%
75	13.035	3713	3715	3718	rVB3	1060	616	0.05%	0.006%
76	13.071	3724	3726	3727	rBV2	1173	468	0.04%	0.005%
77	13.119	3734	3741	3745	rBV8	2093	2944	0.25%	0.029%
78	13.244	3777	3780	3781	rBV2	1038	659	0.06%	0.007%
79	13.591	3885	3888	3892	rVB5	1395	957	0.08%	0.010%
80	13.614	3892	3895	3896	rBV	737	461	0.04%	0.005%
81	13.630	3896	3900	3902	rBV5	3147	2654	0.23%	0.026%
82	13.707	3922	3924	3927	rBV4	1730	997	0.09%	0.010%
83	13.791	3944	3950	3958	rBV10	3542	5351	0.46%	0.053%
84	13.839	3962	3965	3967	rBV4	1171	708	0.06%	0.007%
85	13.878	3975	3977	3979	rBV2	1066	427	0.04%	0.004%
86	13.897	3981	3983	3985	rVB3	1176	510	0.04%	0.005%
87	13.997	4009	4014	4017	rBV6	1127	1152	0.10%	0.011%
88	14.013	4017	4019	4022	rVB4	1162	398	0.03%	0.004%
89	14.032	4022	4025	4027	rBV4	1050	714	0.06%	0.007%
90	14.189	4073	4074	4076	rBV2	661	313	0.03%	0.003%
91	14.312	4109	4112	4114	rBV4	945	593	0.05%	0.006%
92	14.382	4126	4134	4137	rBV9	3111	4530	0.39%	0.045%
93	14.492	4164	4168	4169	rBV4	1220	729	0.06%	0.007%
94	14.562	4185	4190	4194	rBV6	1293	1252	0.11%	0.012%
95	14.591	4197	4199	4202	rBV4	1522	983	0.08%	0.010%
96	14.746	4245	4247	4251	rVB4	1141	712	0.06%	0.007%
97	14.778	4254	4257	4260	rBV5	1124	666	0.06%	0.007%
98	14.871	4278	4286	4289	rBV10	1883	2681	0.23%	0.027%
99	14.990	4321	4323	4326	rBV3	1011	752	0.06%	0.008%
100	15.582	4502	4507	4509	rBV5	1327	1324	0.11%	0.013%

Sum of corrected areas: 10024828

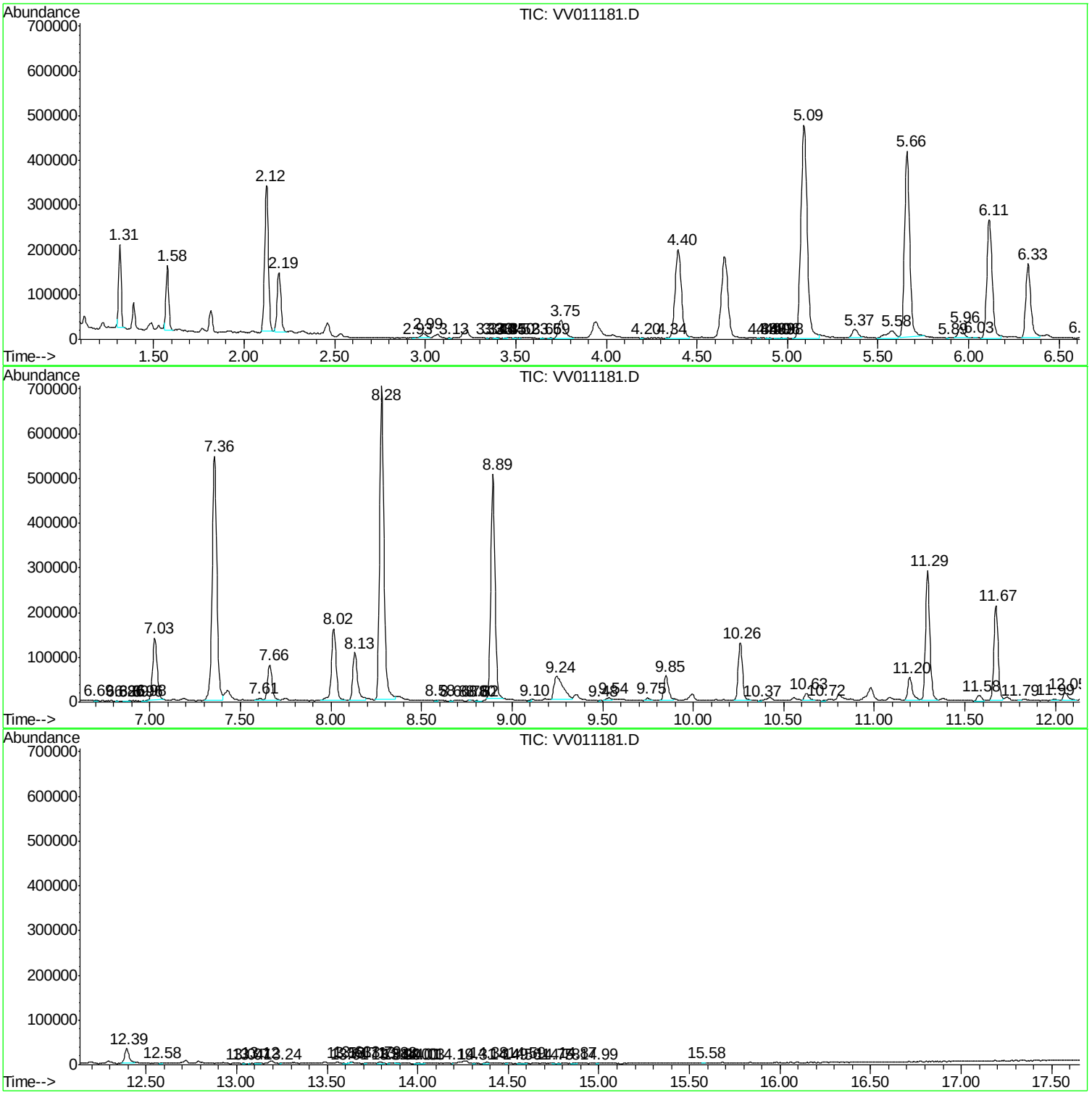
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053119\
Data File : VV011181.D
Acq On : 31 May 2019 16:43
Operator : SY/MD
Sample : K3083-01RE
Misc : 3.22G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51F3RE

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\VV053119\
Data File : VV011181.D
Acq On : 31 May 2019 16:43
Operator : SY/MD
Sample : K3083-01RE
Misc : 3.22G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F3RE

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

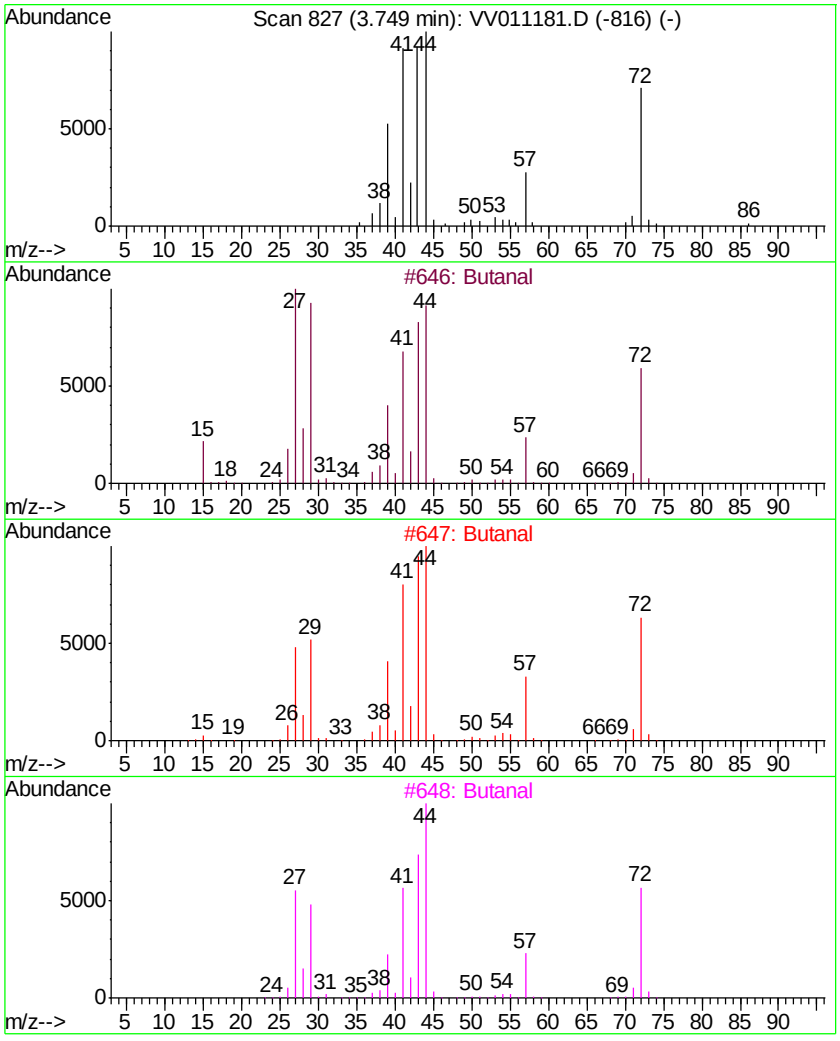
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

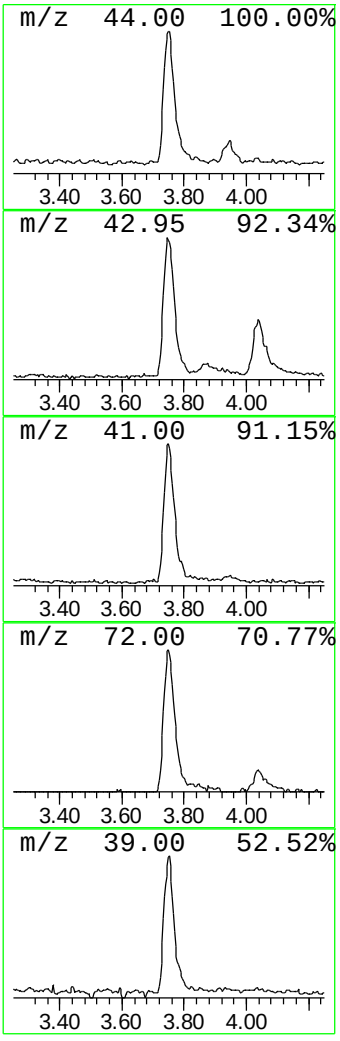
****

Peak Number 1 Butanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.75	2.98 ug/L	98795	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	76
3	Butanal	72	C4H8O	000123-72-8	58
4	Ethene, ethoxy-	72	C4H8O	000109-92-2	50
5	Butanal	72	C4H8O	000123-72-8	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053119\
Data File : VV011181.D
Acq On : 31 May 2019 16:43
Operator : SY/MD
Sample : K3083-01RE
Misc : 3.22G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F3RE

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

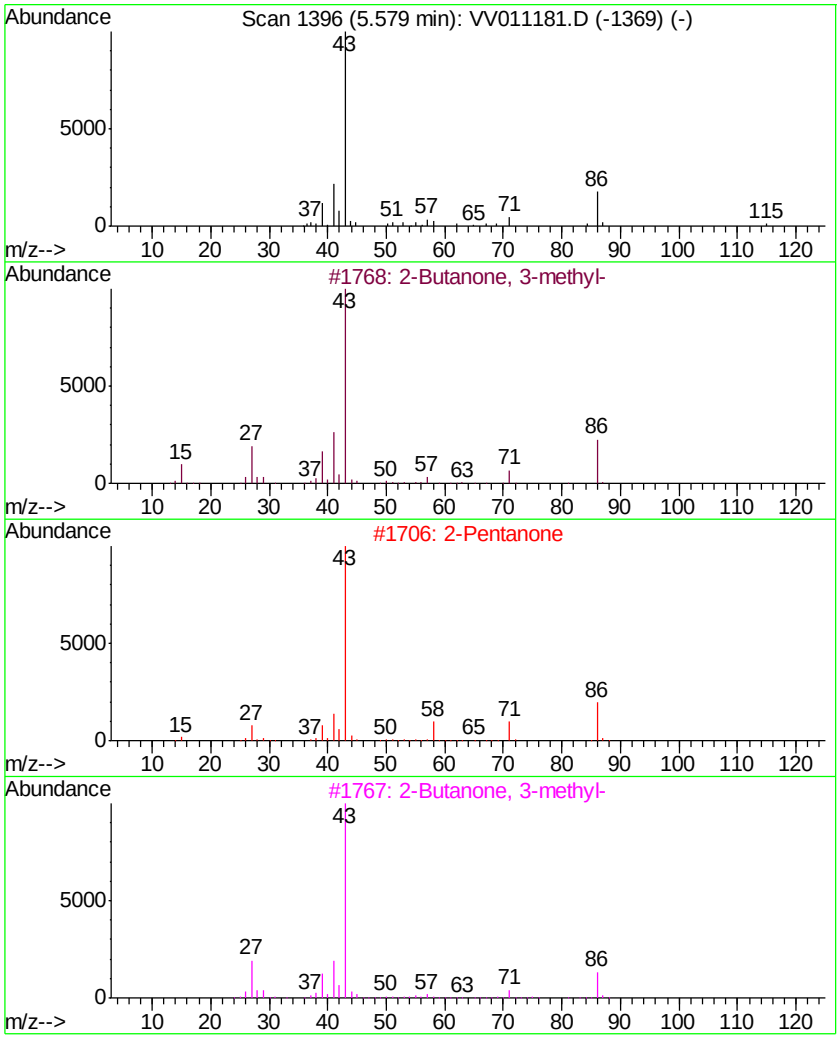
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

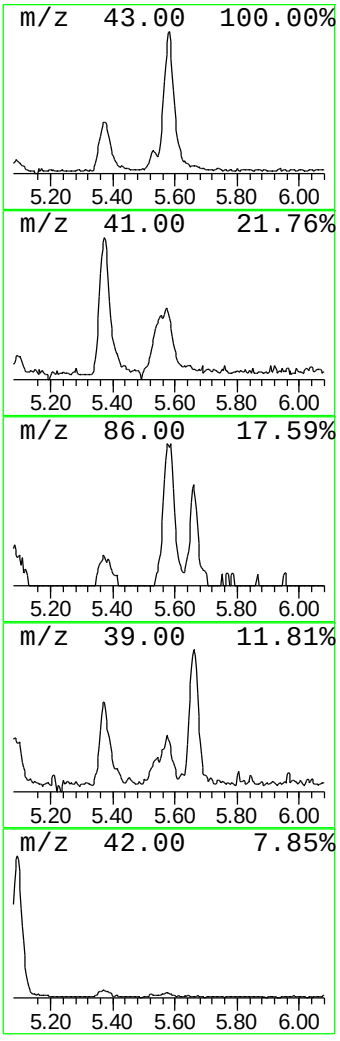
****

Peak Number 2 2-Butanone, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.58	1.74 ug/L	57564	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	50
2	2-Pentanone	86	C5H10O	000107-87-9	40
3	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	38
4	1-Propen-2-ol, formate	86	C4H6O2	032978-00-0	28
5	3,3-Dimethyl-2,4-pentane dione	128	C7H12O2	003142-58-3	28





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053119\
Data File : VV011181.D
Acq On : 31 May 2019 16:43
Operator : SY/MD
Sample : K3083-01RE
Misc : 3.22G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F3RE

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

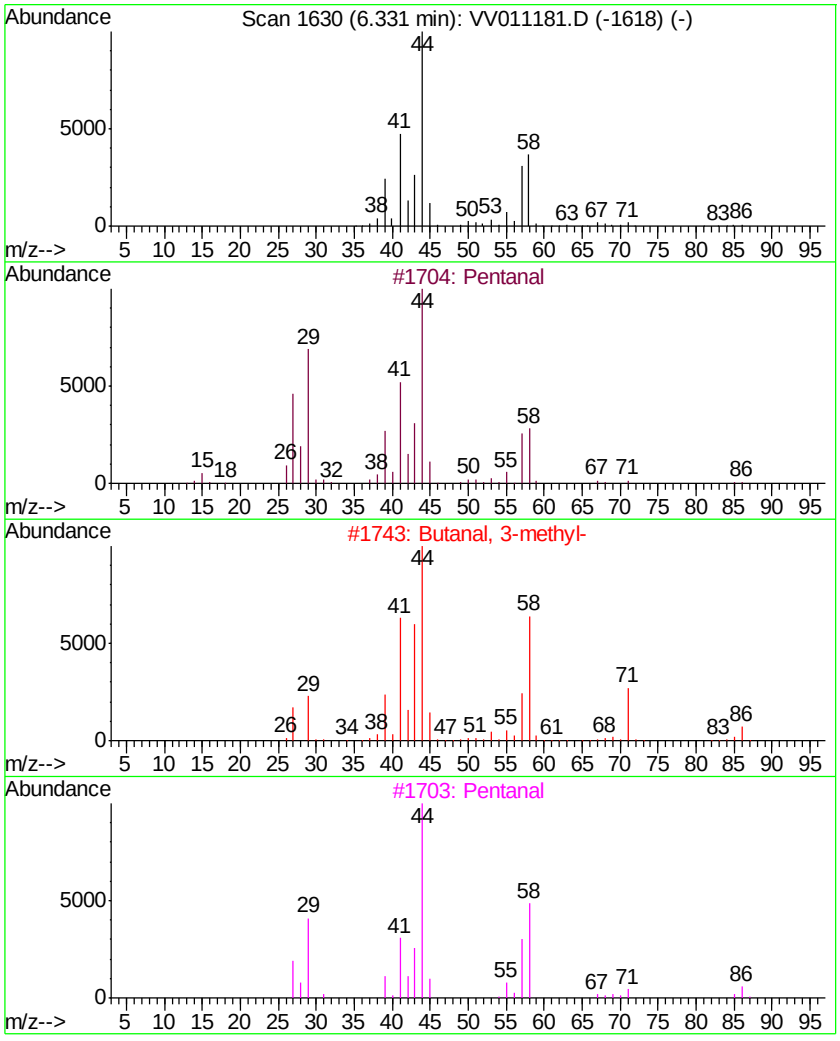
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

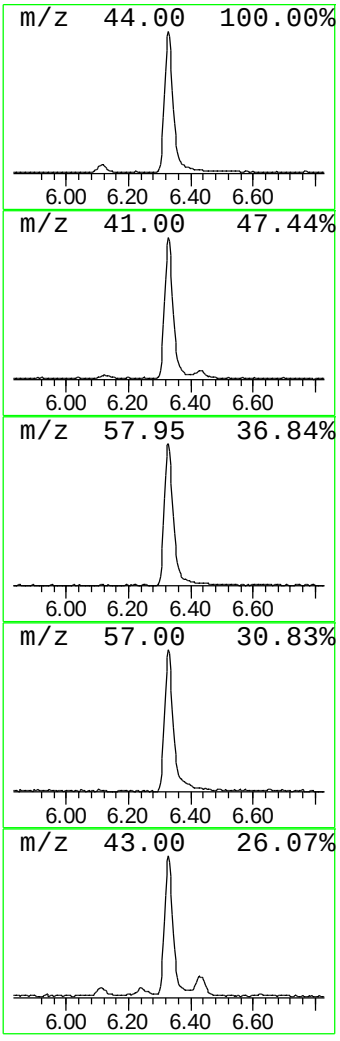
****

Peak Number 3 Pentanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	9.63 ug/L	319347	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	86
2	Butanal, 3-methyl-	86	C5H10O	000590-86-3	83
3	Pentanal	86	C5H10O	000110-62-3	64
4	Cyclopropyl carbinol	72	C4H8O	002516-33-8	64
5	Pentanal	86	C5H10O	000110-62-3	52





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053119\
Data File : VV011181.D
Acq On : 31 May 2019 16:43
Operator : SY/MD
Sample : K3083-01RE
Misc : 3.22G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F3RE

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

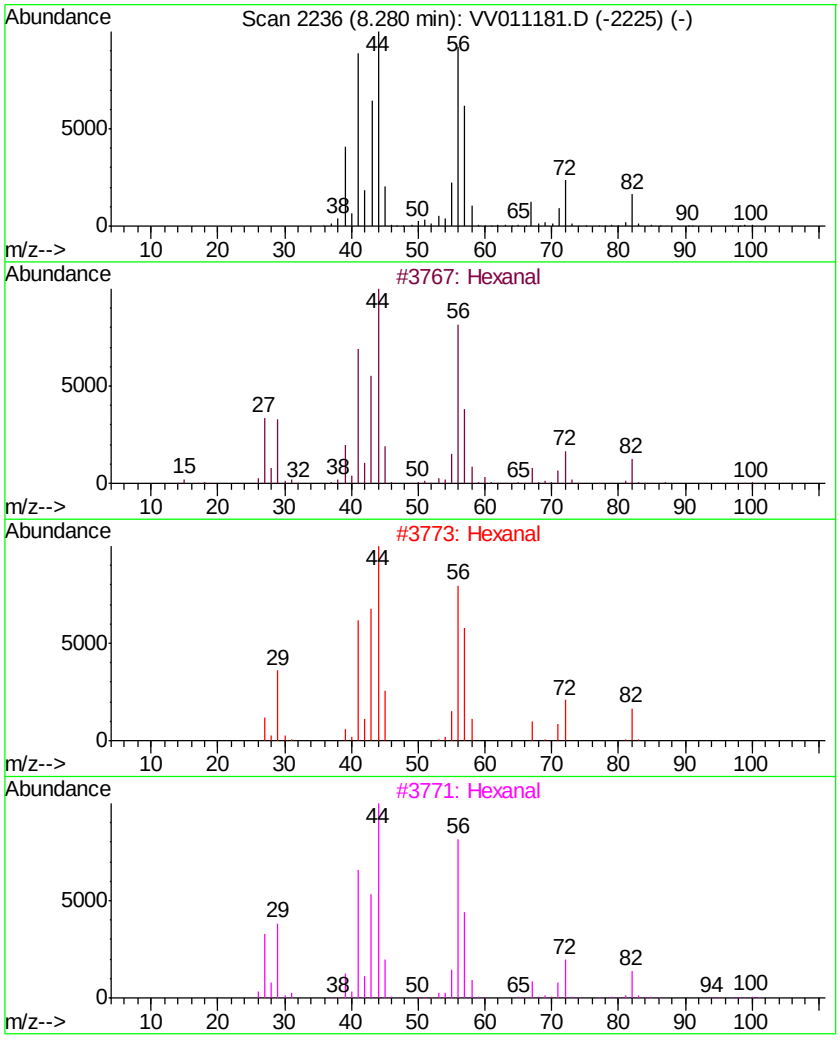
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

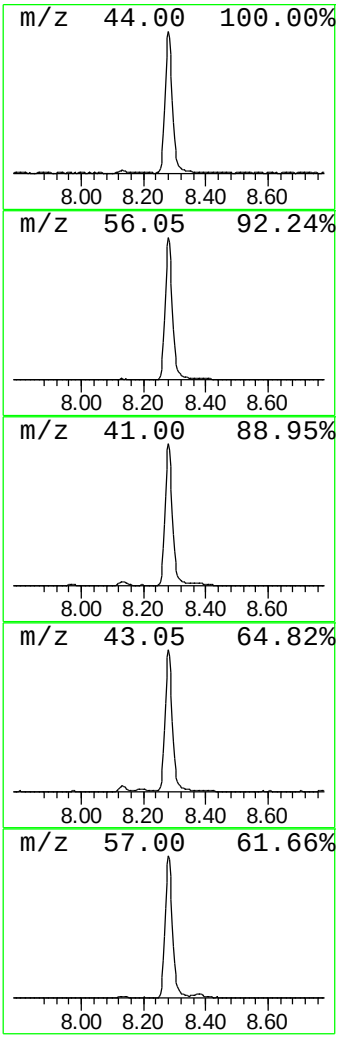
****

Peak Number 5 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	35.76 ug/L	1158080	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	72
5	Butanal	72	C4H8O	000123-72-8	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053119\
Data File : VV011181.D
Acq On : 31 May 2019 16:43
Operator : SY/MD
Sample : K3083-01RE
Misc : 3.22G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F3RE

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

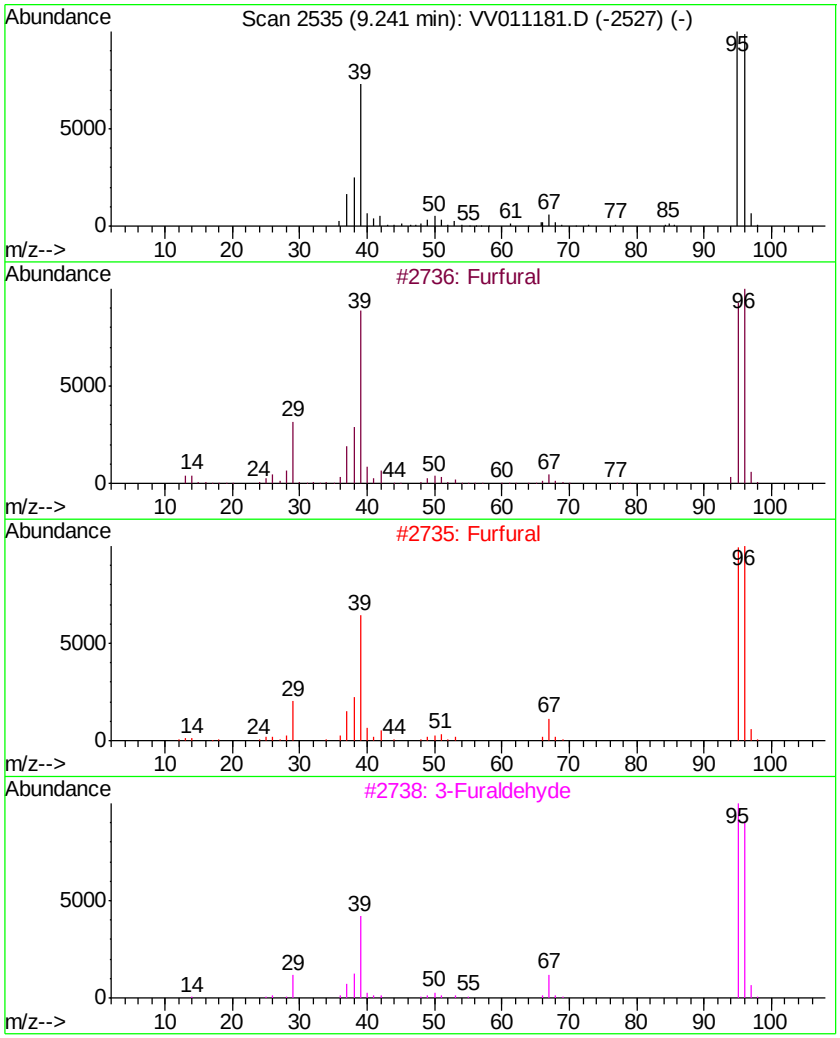
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

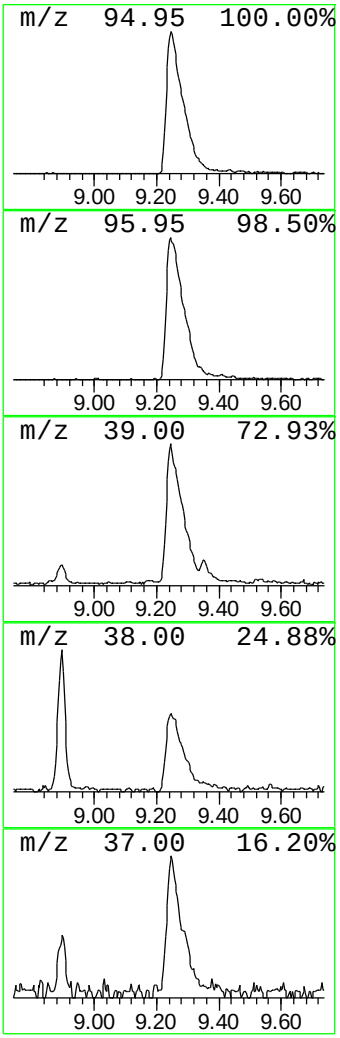
****

Peak Number 6 Furfural Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	5.37 ug/L	173902	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furfural	96	C5H4O2	000098-01-1	96
2	Furfural	96	C5H4O2	000098-01-1	94
3	3-Furaldehyde	96	C5H4O2	000498-60-2	91
4	Furfural	96	C5H4O2	000098-01-1	83
5	3(2H)-Pyridazinone	96	C4H4N2O	000504-30-3	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053119\
Data File : VV011181.D
Acq On : 31 May 2019 16:43
Operator : SY/MD
Sample : K3083-01RE
Misc : 3.22G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F3RE

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

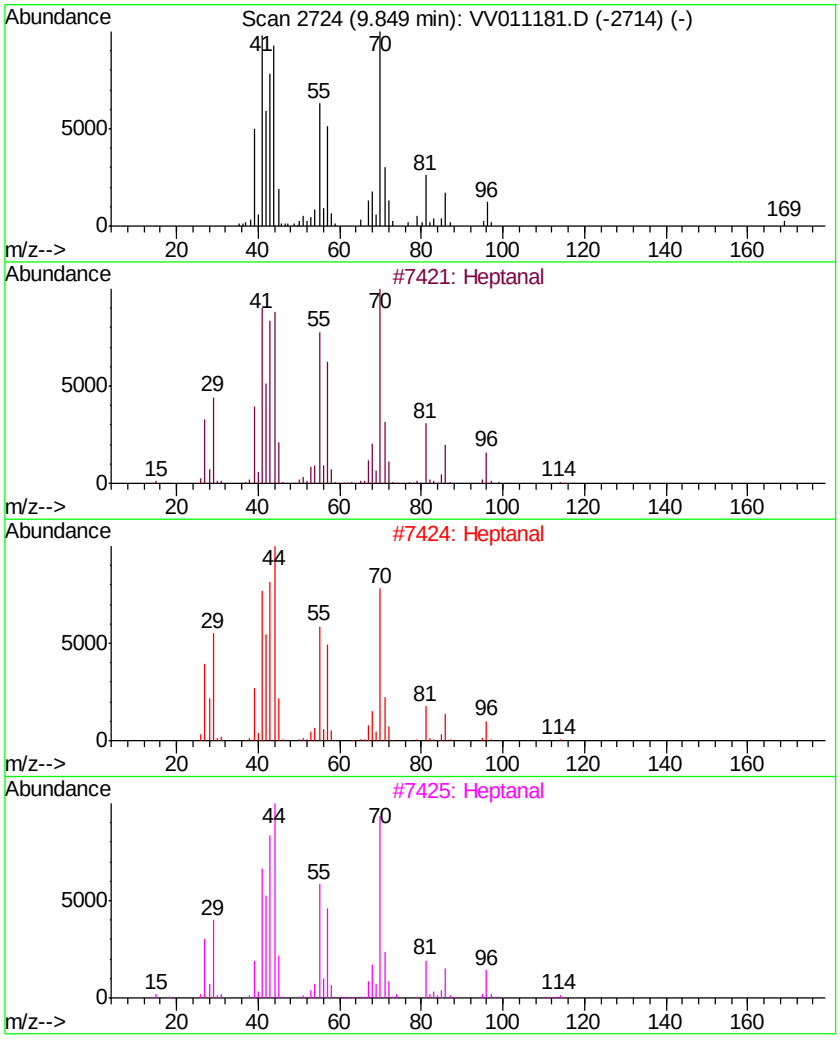
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

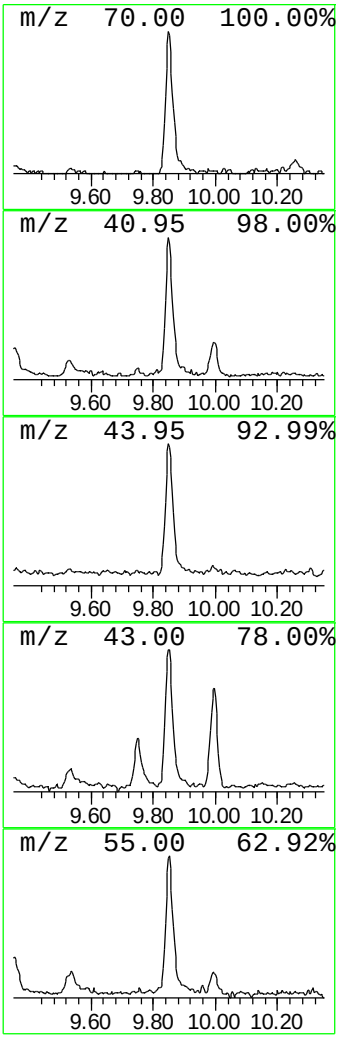
****

Peak Number 7 Heptanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	3.00 ug/L	97305	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal	114	C7H14O	000111-71-7	80
2	Heptanal	114	C7H14O	000111-71-7	80
3	Heptanal	114	C7H14O	000111-71-7	80
4	Heptanal	114	C7H14O	000111-71-7	53
5	Heptanal	114	C7H14O	000111-71-7	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053119\
Data File : VV011181.D
Acq On : 31 May 2019 16:43
Operator : SY/MD
Sample : K3083-01RE
Misc : 3.22G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F3RE

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

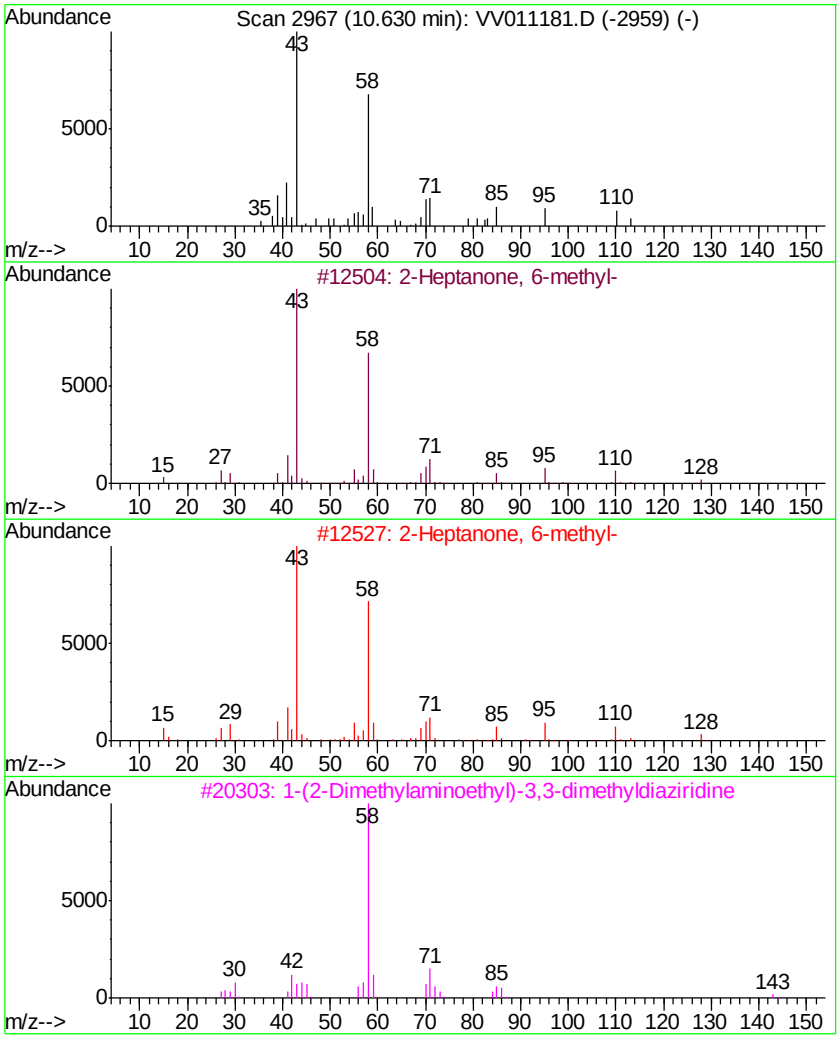
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

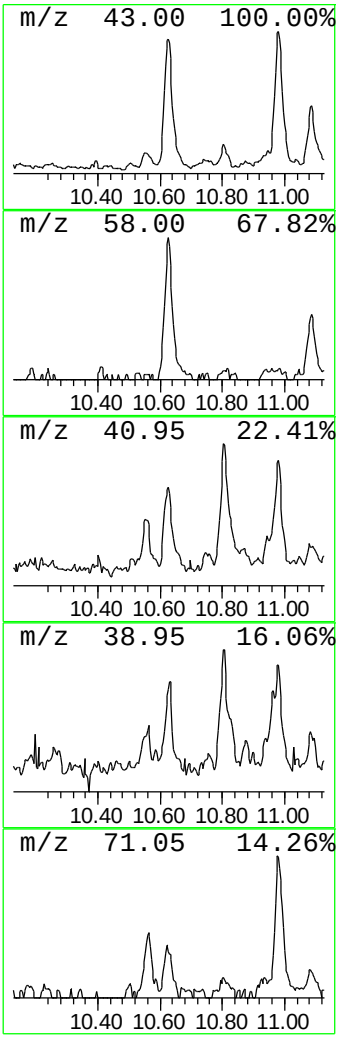
****

Peak Number 8 2-Heptanone, 6-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	1.29 ug/L	24737	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	72
2	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	56
3	1-(2-Dimethylaminoethyl)-3,3-dim...	143	C7H17N3	054731-08-7	50
4	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	47
5	2-Heptanone, 6-methyl-	128	C8H16O	000928-68-7	40





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053119\
Data File : VV011181.D
Acq On : 31 May 2019 16:43
Operator : SY/MD
Sample : K3083-01RE
Misc : 3.22G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F3RE

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

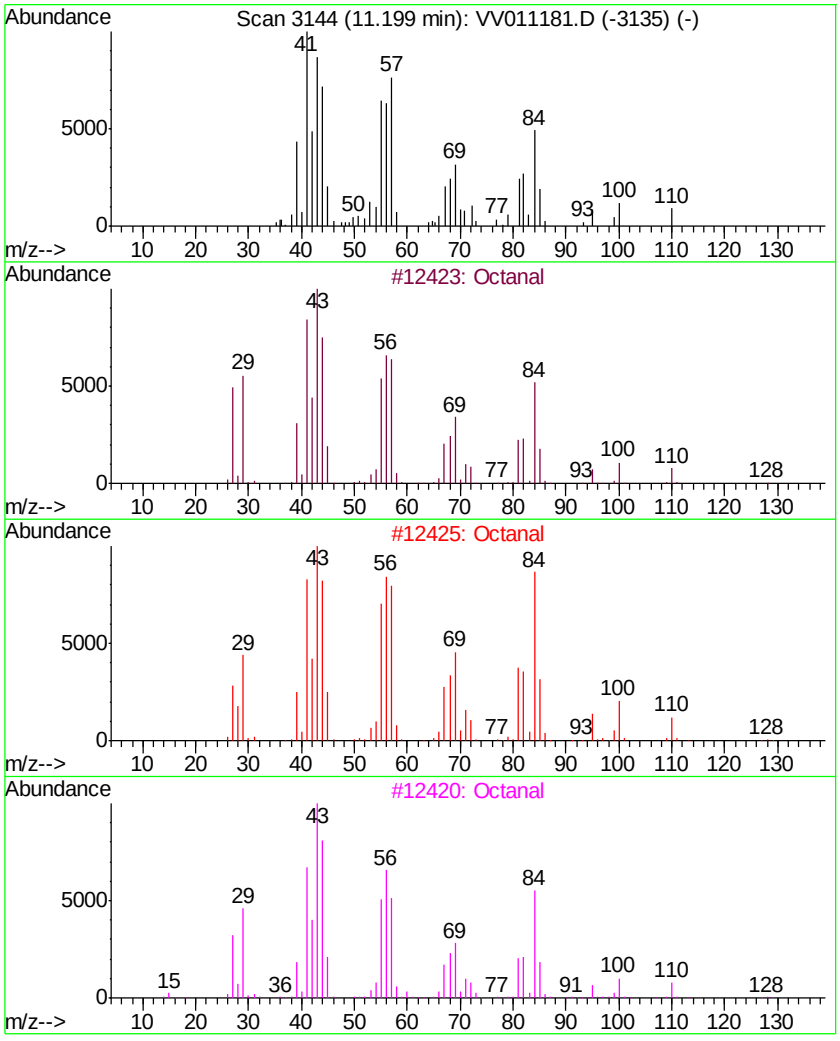
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

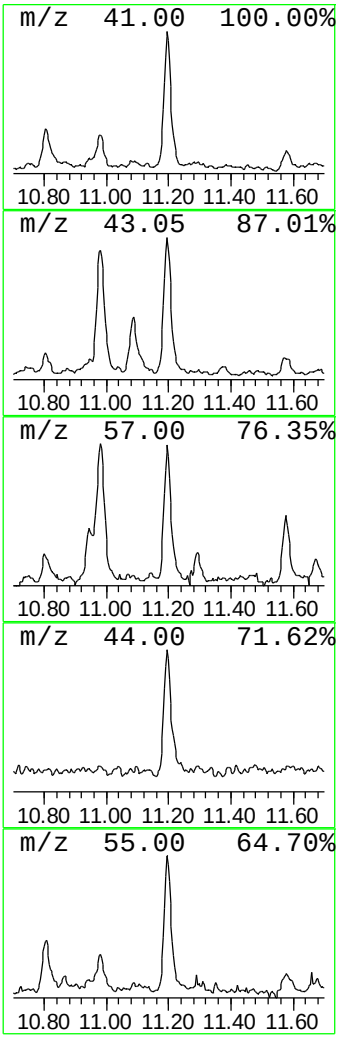
****

Peak Number 9 Octanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	4.50 ug/L	86347	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	91
2	Octanal	128	C8H16O	000124-13-0	91
3	Octanal	128	C8H16O	000124-13-0	87
4	Octanal	128	C8H16O	000124-13-0	72
5	Octanal	128	C8H16O	000124-13-0	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053119\
Data File : VV011181.D
Acq On : 31 May 2019 16:43
Operator : SY/MD
Sample : K3083-01RE
Misc : 3.22G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F3RE

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

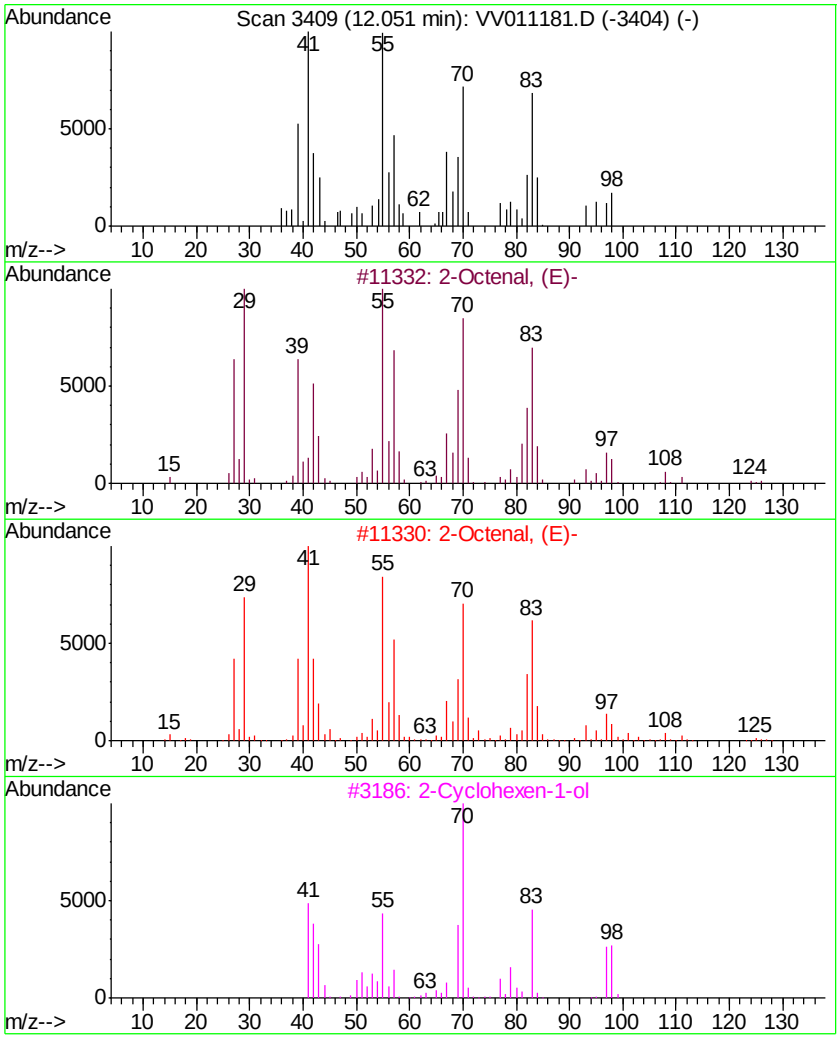
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

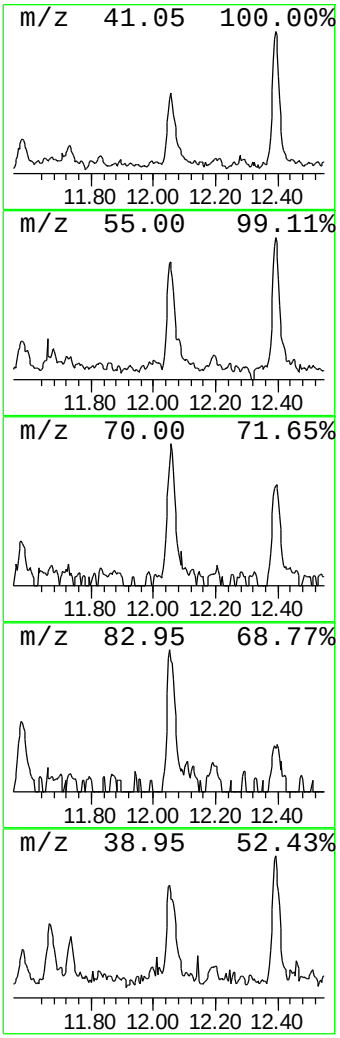
****

Peak Number 10 2-Octenal, (E)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	1.62 ug/L	31037	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octenal, (E)-	126	C8H14O	002548-87-0	72
2	2-Octenal, (E)-	126	C8H14O	002548-87-0	72
3	2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	38
4	Butane, 2-cyclopropyl-	98	C7H14	005750-02-7	38
5	Cyclohexanemethanol	114	C7H14O	000100-49-2	27





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053119\
Data File : VV011181.D
Acq On : 31 May 2019 16:43
Operator : SY/MD
Sample : K3083-01RE
Misc : 3.22G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F3RE

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

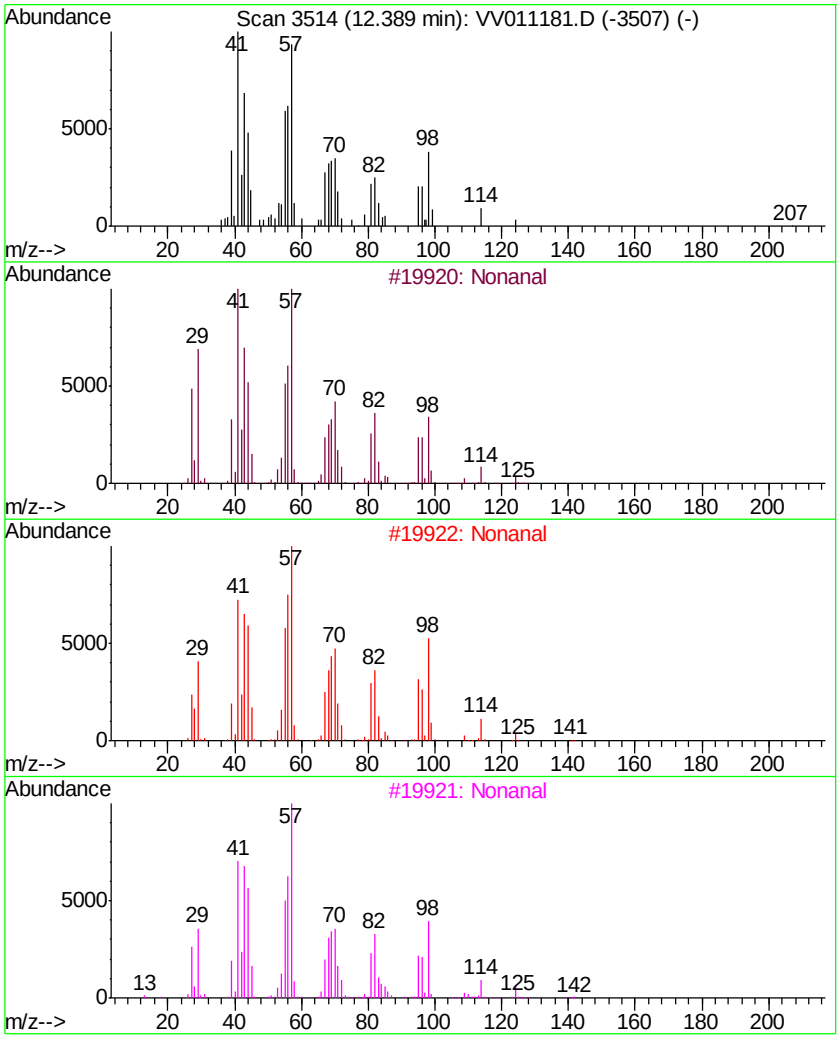
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

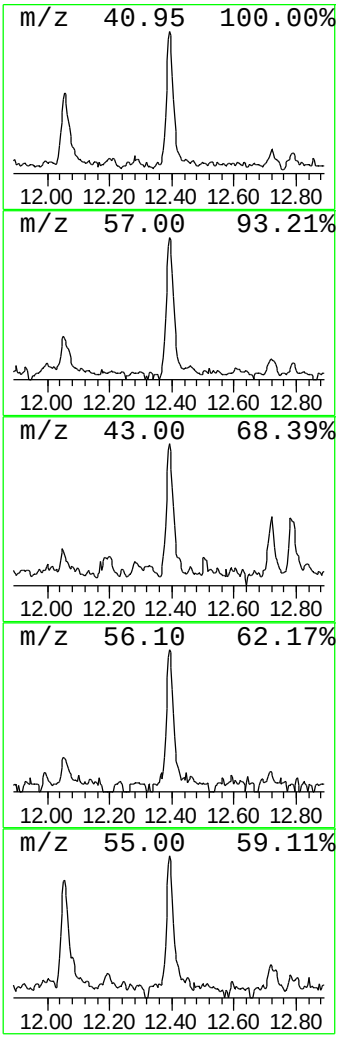
****

Peak Number 11 Nonanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	2.83 ug/L	54238	1,4-Dichlorobenzene-d4	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	91
2	Nonanal	142	C9H18O	000124-19-6	90
3	Nonanal	142	C9H18O	000124-19-6	90
4	Nonanal	142	C9H18O	000124-19-6	86
5	Cyclohexanol, 2-methyl-, cis-	114	C7H14O	007443-70-1	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053119\
Data File : VV011181.D
Acq On : 31 May 2019 16:43
Operator : SY/MD
Sample : K3083-01RE
Misc : 3.22G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A51F3RE

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
Butanal	3.75	3.0	ug/L	98795	1	5.66	829295	25.0
2-Butanone, 3-met...	5.58	1.7	ug/L	57564	1	5.66	829295	25.0
Pentanal	6.33	9.6	ug/L	319347	1	5.66	829295	25.0
Hexanal	8.28	35.8	ug/L	1158080	2	8.89	809599	25.0
Furfural	9.24	5.4	ug/L	173902	2	8.89	809599	25.0
Heptanal	9.85	3.0	ug/L	97305	2	8.89	809599	25.0
2-Heptanone, 6-me...	10.63	1.3	ug/L	24737	3	11.30	479342	25.0
Octanal	11.20	4.5	ug/L	86347	3	11.30	479342	25.0
2-Octenal, (E)-	12.05	1.6	ug/L	31037	3	11.30	479342	25.0
Nonanal	12.39	2.8	ug/L	54238	3	11.30	479342	25.0