LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071619\
Data File : VW011291.D
Acq On : 16 Jul 2019 17:33
Operator : SY/VA
Sample : K3798-08
Misc : 4.57G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A52H5

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_W\METHOD\SOM2WLM070219S.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	1.989	6	14	27	rVB2	18148	50188	4.39%	0.513%
2	2.147	37	40	44	rBV2	3224	4936	0.43%	0.050%
3	2.342	66	72	82	rBV	67114	120531	10.55%	1.233%
4	2.489	91	96	104	rBV	18410	37185	3.25%	0.380%
5	2.806	144	148	152	rBV2	2636	5076	0.44%	0.052%
6	2.879	152	160	175	rVB	42199	114138	9.99%	1.167%
7	3.379	234	242	251	rVB2	12287	30397	2.66%	0.311%
8	3.665	286	289	290	rBV2	686	650	0.06%	0.007%
9	3.720	292	298	311	rVB4	3097	9164	0.80%	0.094%
10	3.860	317	321	323	rBV4	688	996	0.09%	0.010%
11	4.013	334	346	357	rBV	107850	357744	31.31%	3.659%
12	4.116	357	363	377	rVB	38107	107105	9.37%	1.095%
13	4.385	400	407	417	rVB3	4473	14242	1.25%	0.146%
14	4.598	438	442	444	rVB4	474	590	0.05%	0.006%
15	4.665	444	453	466	rBV	13398	41701	3.65%	0.427%
16	4.824	475	479	483	rBV3	386	667	0.06%	0.007%
17	4.903	483	492	493	rBV6	3319	6327	0.55%	0.065%
18	5.141	529	531	533	rBV	484	565	0.05%	0.006%
19	5.787	626	637	649	rBV3	4992	16323	1.43%	0.167%
20	5.933	652	661	671	rBV9	2376	8413	0.74%	0.086%
21	6.116	684	691	697	rBV4	975	2474	0.22%	0.025%
22	6.458	744	747	751	rVB2	513	578	0.05%	0.006%
23	6.586	764	768	769	rBV2	1184	1208	0.11%	0.012%
24	6.604	769	771	774	rVB4	692	639	0.06%	0.007%
25	6.896	810	819	829	rBV4	4878	16093	1.41%	0.165%
26	7.073	840	848	858	rBV	59651	169257	14.81%	1.731%
27	7.427	902	906	907	rBV3	376	611	0.05%	0.006%
28	7.646	929	942	954	rBV	187804	461123	40.36%	4.716%
29	7.787	964	965	970	rVB2	1044	905	0.08%	0.009%
30	7.890	977	982	984	rBV3	437	732	0.06%	0.007%
31	7.951	990	992	998	rVB4	718	1102	0.10%	0.011%
32	8.274	1035	1045	1061	rBV2	381801	1142658	100.00%	11.687%
33	8.555	1085	1091	1097	rVB6	4118	8364	0.73%	0.086%
34	8.701	1107	1115	1124	rVV3	4246	10729	0.94%	0.110%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071619\
Data File : VW011291.D
Acq On : 16 Jul 2019 17:33
Operator : SY/VA
Sample : K3798-08
Misc : 4.57G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A52H5

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_W\METHOD\SOM2WLM070219S.M
Title : VOC Analysis

35	8.841	1128	1138	1148	rBV	405728	797879	69.83%	8.161%
36	9.085	1171	1178	1187	rVB10	4847	11400	1.00%	0.117%
37	9.274	1198	1209	1219	rBV	284753	581535	50.89%	5.948%
38	9.408	1224	1231	1249	rVB	50871	101103	8.85%	1.034%
39	9.658	1268	1272	1281	rVB4	3880	7165	0.63%	0.073%
40	9.951	1317	1320	1326	rBV5	524	1029	0.09%	0.011%
41	10.036	1326	1334	1344	rBV	135291	250326	21.91%	2.560%
42	10.158	1344	1354	1360	rVB8	5476	14770	1.29%	0.151%
43	10.207	1360	1362	1367	rVB4	813	1135	0.10%	0.012%
44	10.323	1371	1381	1387	rBV	482125	854915	74.82%	8.744%
45	10.390	1387	1392	1406	rVB	57318	103555	9.06%	1.059%
46	10.499	1406	1410	1415	rVB4	1316	2786	0.24%	0.028%
47	10.579	1415	1423	1430	rBV	89772	158874	13.90%	1.625%
48	10.707	1438	1444	1449	rBV2	9243	17008	1.49%	0.174%
49	10.841	1462	1466	1471	rVB3	530	1051	0.09%	0.011%
50	10.926	1471	1480	1496	rBV	221097	385251	33.72%	3.940%
51	11.073	1496	1504	1521	rBV	663153	1089468	95.35%	11.143%
52	11.353	1547	1550	1553	rVB4	591	702	0.06%	0.007%
53	11.481	1567	1571	1573	rVB2	457	716	0.06%	0.007%
54	11.572	1583	1586	1588	rBV3	518	658	0.06%	0.007%
55	11.633	1588	1596	1605	rBV	504393	866157	75.80%	8.859%
56	11.841	1621	1630	1640	rBV	15860	36632	3.21%	0.375%
57	11.950	1645	1648	1654	rVV6	2357	4648	0.41%	0.048%
58	12.030	1656	1661	1669	rVB7	1461	3688	0.32%	0.038%
59	12.158	1679	1682	1683	rBV3	817	846	0.07%	0.009%
60	12.243	1690	1696	1699	rBV3	2123	3427	0.30%	0.035%
61	12.341	1706	1712	1718	rBV2	14864	23267	2.04%	0.238%
62	12.463	1730	1732	1735	rBV3	675	695	0.06%	0.007%
63	12.517	1738	1741	1745	rBV4	1593	2405	0.21%	0.025%
64	12.609	1746	1756	1762	rBV	27349	44935	3.93%	0.460%
65	12.694	1763	1770	1780	rVB	225161	360096	31.51%	3.683%
66	12.816	1788	1790	1794	rVB3	661	595	0.05%	0.006%
67	12.889	1797	1802	1807	rBV5	2508	5152	0.45%	0.053%
68	12.938	1807	1810	1811	rBV3	1656	1781	0.16%	0.018%
69	13.042	1821	1827	1832	rBV3	3080	5119	0.45%	0.052%
70	13.115	1832	1839	1844	rBV5	7741	18411	1.61%	0.188%
71	13.273	1862	1865	1876	rVB10	3047	6122	0.54%	0.063%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071619\
Data File : VW011291.D
Acq On : 16 Jul 2019 17:33
Operator : SY/VA
Sample : K3798-08
Misc : 4.57G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A52H5

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_W\METHOD\SOM2WLM070219S.M
Title : VOC Analysis

72	13.401	1879	1886	1892	rBV3	8667	15174	1.33%	0.155%
73	13.481	1895	1899	1905	rVV9	4374	9190	0.80%	0.094%
74	13.560	1905	1912	1919	rVV	394114	624208	54.63%	6.384%
75	13.651	1923	1927	1934	rVB3	5322	8387	0.73%	0.086%
76	13.853	1953	1960	1970	rBV	314010	523580	45.82%	5.355%
77	14.023	1985	1988	1991	rBV4	828	1228	0.11%	0.013%
78	14.078	1991	1997	2003	rVV	22152	37683	3.30%	0.385%
79	14.267	2026	2028	2030	rVB3	687	618	0.05%	0.006%
80	14.328	2030	2038	2046	rBV3	9633	17428	1.53%	0.178%
81	14.420	2052	2053	2056	rVB3	708	687	0.06%	0.007%
82	14.529	2067	2071	2076	rVB3	3235	4680	0.41%	0.048%
83	14.621	2083	2086	2087	rBV3	702	729	0.06%	0.007%
84	14.694	2094	2098	2102	rBV6	3641	6077	0.53%	0.062%
85	14.724	2102	2103	2109	rVB3	3118	3342	0.29%	0.034%
86	14.858	2123	2125	2130	rVB3	1201	1485	0.13%	0.015%
87	14.956	2139	2141	2144	rVV4	1140	1329	0.12%	0.014%
88	15.188	2176	2179	2182	rBV3	1454	2039	0.18%	0.021%
89	15.371	2205	2209	2211	rBV5	960	1370	0.12%	0.014%
90	15.407	2214	2215	2218	rBV2	594	680	0.06%	0.007%
91	15.492	2226	2229	2231	rBV4	1308	1486	0.13%	0.015%
92	15.572	2239	2242	2246	rVB4	858	1124	0.10%	0.011%
93	15.840	2284	2286	2288	rBV3	591	693	0.06%	0.007%
94	15.864	2288	2290	2294	rVB4	1253	1176	0.10%	0.012%
95	16.340	2366	2368	2372	rVV4	574	699	0.06%	0.007%
96	16.389	2374	2376	2380	rVB4	618	607	0.05%	0.006%
97	16.431	2380	2383	2385	rVB4	702	766	0.07%	0.008%
98	16.456	2385	2387	2388	rBV	740	591	0.05%	0.006%
99	16.547	2401	2402	2405	rBV3	631	747	0.07%	0.008%
100	16.767	2436	2438	2440	rBV2	643	625	0.05%	0.006%

Sum of corrected areas: 9777141

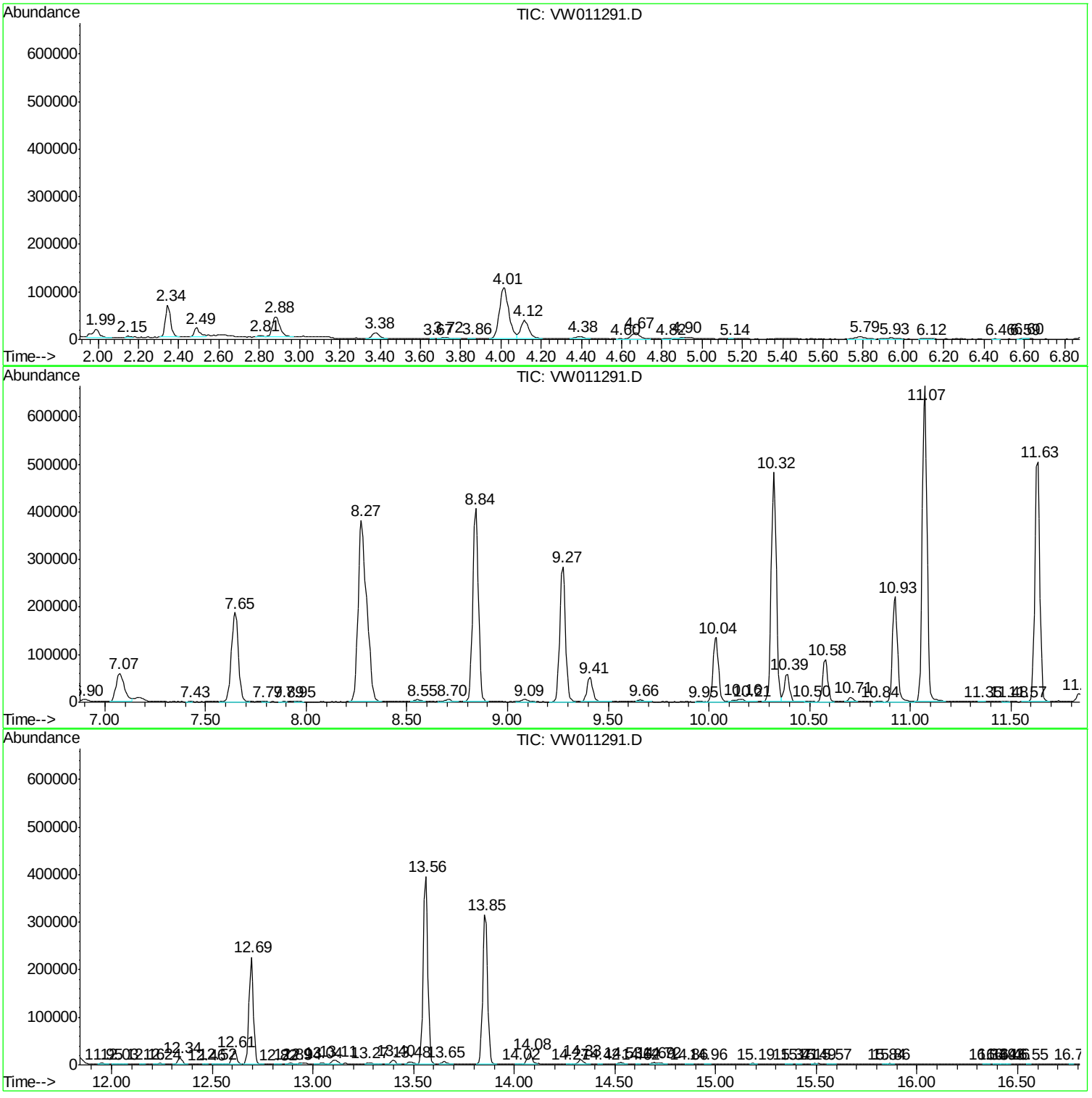
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071619\
Data File : VW011291.D
Acq On : 16 Jul 2019 17:33
Operator : SY/VA
Sample : K3798-08
Misc : 4.57G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A52H5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071619\
Data File : VW011291.D
Acq On : 16 Jul 2019 17:33
Operator : SY/VA
Sample : K3798-08
Misc : 4.57G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A52H5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

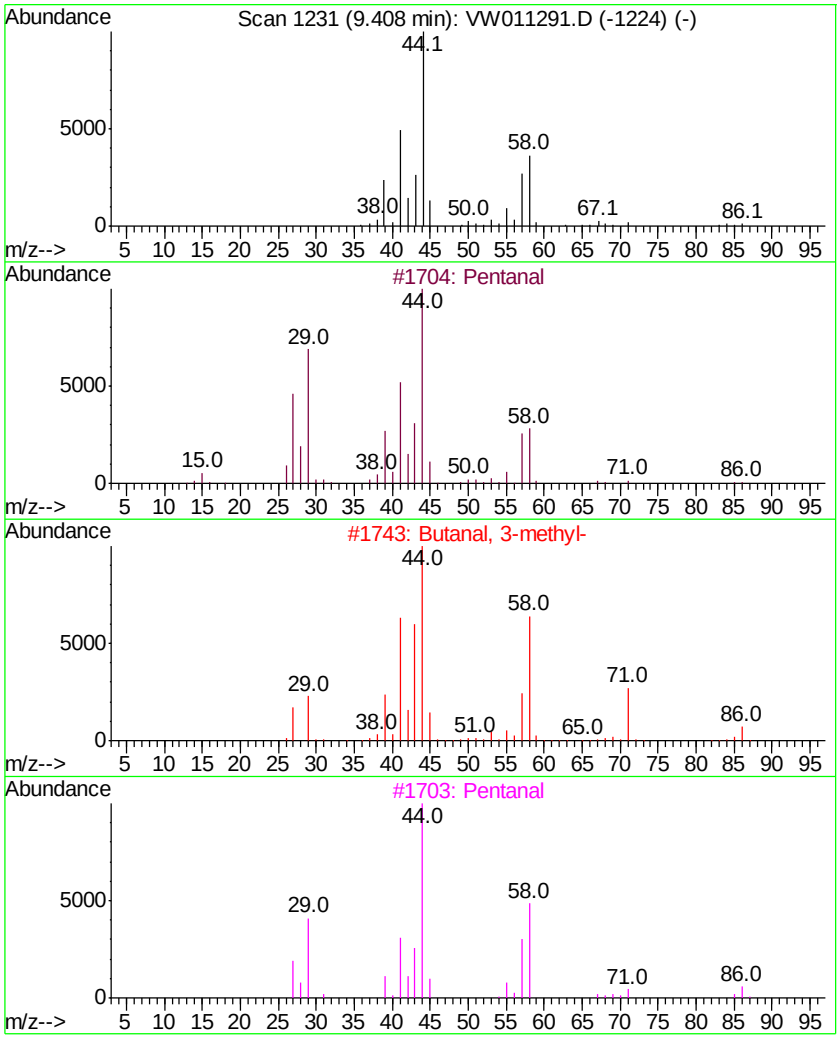
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

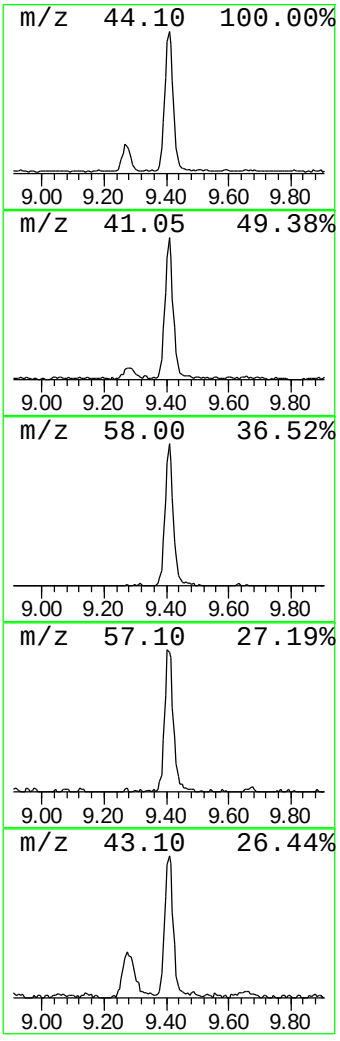
****

Peak Number 2 Pentanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	3.17 ug/L	101103	1,4-Difluorobenzene	8.84

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	Pentanal	86	C5H10O	000110-62-3	52
5	1-Octadecanamine, N-methyl-	283	C19H41N	002439-55-6	40





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071619\
Data File : VW011291.D
Acq On : 16 Jul 2019 17:33
Operator : SY/VA
Sample : K3798-08
Misc : 4.57G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A52H5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

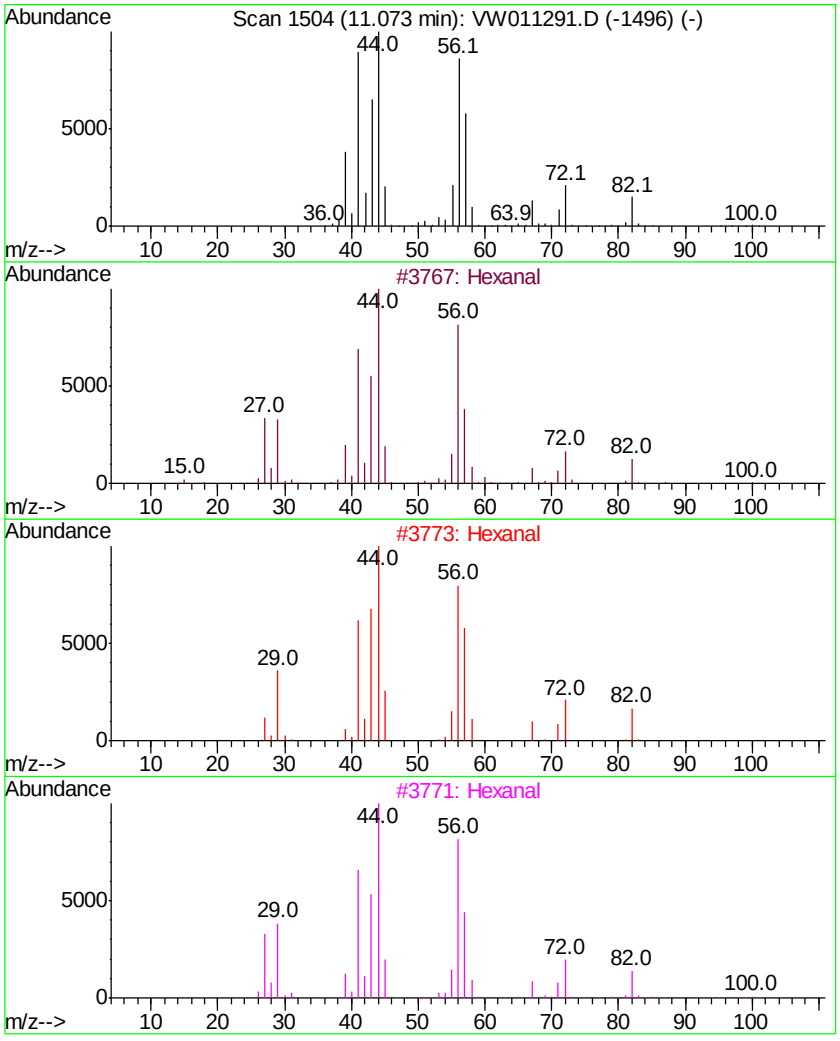
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

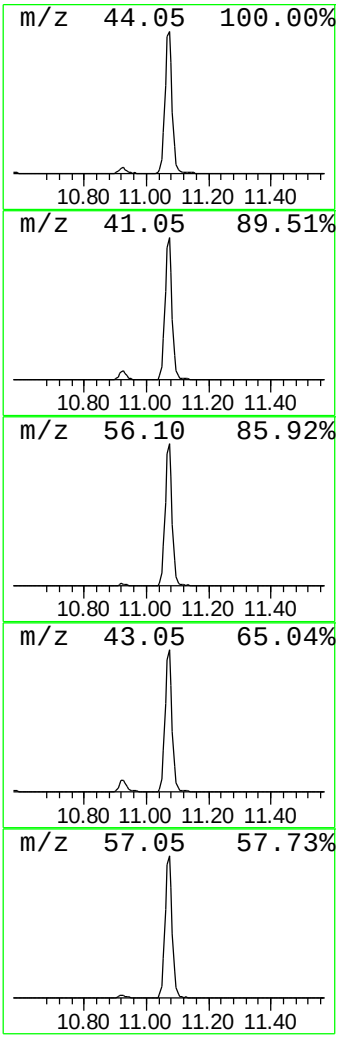
****

Peak Number 4 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	31.45 ug/L	1089470	Chlorobenzene-d5	11.63

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	Cyclobutanol, 2-ethyl-	100	C6H12O	035301-43-0	36





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071619\
Data File : VW011291.D
Acq On : 16 Jul 2019 17:33
Operator : SY/VA
Sample : K3798-08
Misc : 4.57G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A52H5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

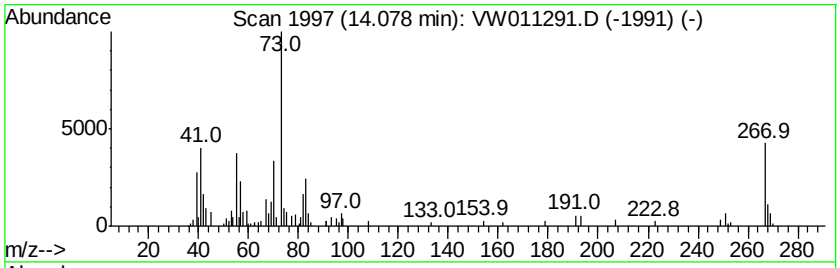
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

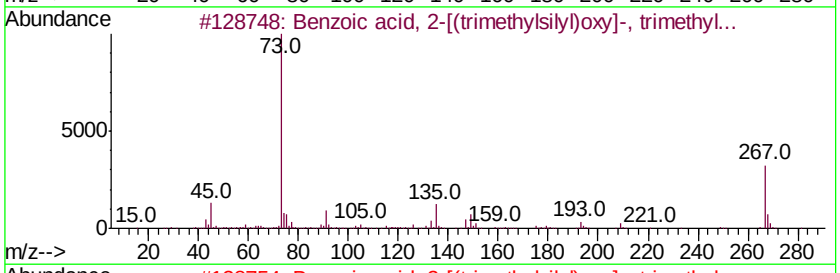
****

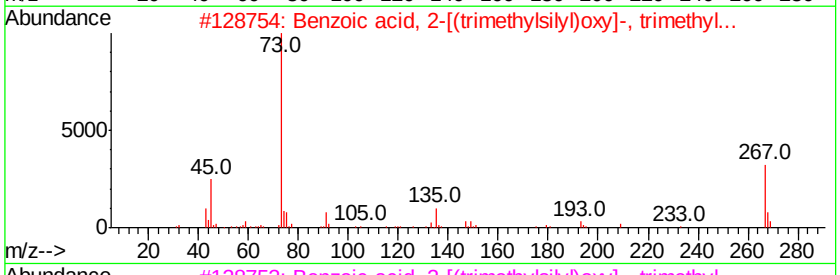
Peak Number 6 unknown-01 Concentration Rank 6

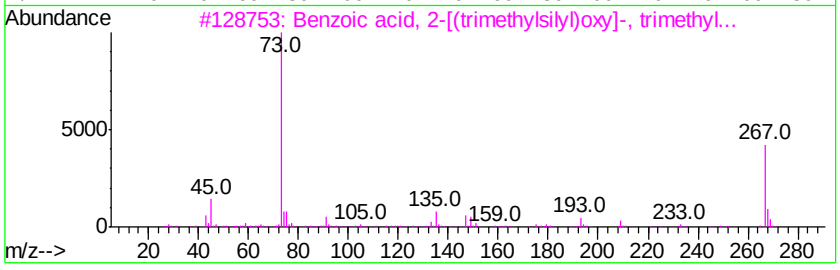
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	1.51 ug/L	37683	1,4-Dichlorobenzene-d4	13.56

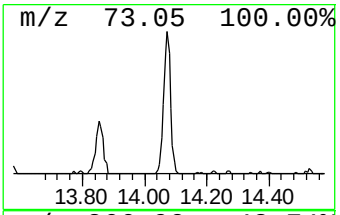
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	28
2	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	28
3	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	28
4	Tetrasiloxane, 1,1,3,3,5,5,7,7-o...	282	C8H26O3Si4	001000-05-1	17
5	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	12

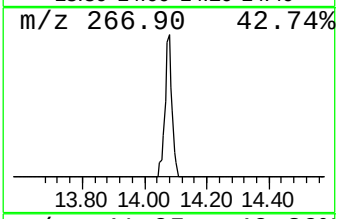


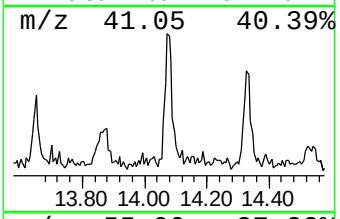


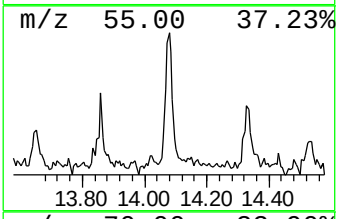


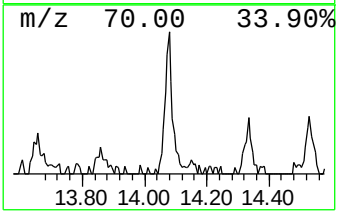












Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071619\
Data File : VW011291.D
Acq On : 16 Jul 2019 17:33
Operator : SY/VA
Sample : K3798-08
Misc : 4.57G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A52H5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.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
Pentanal	9.41	3.2	ug/L	101103	1	8.84	797879	25.0
Hexanal	11.07	31.4	ug/L	1089470	2	11.63	866157	25.0
unknown-01	14.08	1.5	ug/L	37683	3	13.56	624208	25.0