LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041619\
Data File : VW009999.D
Acq On : 16 Apr 2019 16:31
Operator : SY/VA
Sample : K2403-02RE
Misc : 7.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A5102RE

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\SOM2WLM041519S.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	2.355	69	74	85	rVB	74877	141618	12.03%	1.514%
2	2.891	157	162	170	rBV2	50525	112853	9.59%	1.207%
3	3.836	316	317	318	rBV	1776	1041	0.09%	0.011%
4	4.007	335	345	358	rBV	160305	418982	35.60%	4.481%
5	4.129	359	365	370	rVV3	5597	13366	1.14%	0.143%
6	4.184	372	374	377	rVB4	1404	1194	0.10%	0.013%
7	4.257	383	386	387	rBV3	1560	1107	0.09%	0.012%
8	4.336	395	399	400	rBV4	995	1138	0.10%	0.012%
9	4.373	404	405	407	rVV	1690	1554	0.13%	0.017%
10	4.580	435	439	442	rVB5	1218	1772	0.15%	0.019%
11	4.671	452	454	456	rBV3	925	990	0.08%	0.011%
12	4.909	481	493	503	rVV3	12019	40656	3.45%	0.435%
13	5.013	507	510	514	rVB2	1168	1536	0.13%	0.016%
14	5.165	531	535	538	rBV3	846	1254	0.11%	0.013%
15	5.421	572	577	580	rBV5	1173	1613	0.14%	0.017%
16	5.604	603	607	610	rVB3	972	1406	0.12%	0.015%
17	5.641	610	613	616	rBV4	1110	1519	0.13%	0.016%
18	5.690	619	621	623	rVB2	1116	974	0.08%	0.010%
19	5.720	623	626	628	rBV3	1006	1095	0.09%	0.012%
20	5.751	628	631	634	rBV3	1545	2214	0.19%	0.024%
21	5.781	634	636	638	rVV3	1243	1133	0.10%	0.012%
22	5.927	653	660	669	rVB5	3690	11507	0.98%	0.123%
23	6.628	770	775	776	rVB5	974	1125	0.10%	0.012%
24	7.080	838	849	862	rBV	37720	116080	9.86%	1.241%
25	7.445	905	909	911	rVB4	725	945	0.08%	0.010%
26	7.518	916	921	923	rBV5	987	1607	0.14%	0.017%
27	7.647	930	942	953	rBV	212338	515052	43.77%	5.508%
28	7.896	982	983	984	rBV	1687	1011	0.09%	0.011%
29	7.921	984	987	989	rBV4	1230	1510	0.13%	0.016%
30	8.024	1001	1004	1005	rBV2	1327	1344	0.11%	0.014%
31	8.146	1020	1024	1033	rVB7	2697	5947	0.51%	0.064%
32	8.274	1035	1045	1060	rBV2	391145	1176781	100.00%	12.585%
33	8.421	1065	1069	1070	rVB3	858	988	0.08%	0.011%
34	8.470	1075	1077	1081	rBV3	779	1312	0.11%	0.014%

LSC Area Percent Report

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Sample : K2403-02RE
Misc : 7.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A5102RE

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\SOM2WLM041519S.M
Title : VOC Analysis

35	8.634	1100	1104	1108	rBV5	1147	1765	0.15%	0.019%
36	8.695	1108	1114	1123	rVB9	2653	6821	0.58%	0.073%
37	8.841	1129	1138	1148	rBV	384718	763073	64.84%	8.160%
38	9.073	1168	1176	1183	rVB10	2535	7000	0.59%	0.075%
39	9.128	1183	1185	1188	rBV3	1026	1632	0.14%	0.017%
40	9.274	1200	1209	1218	rBV	288066	582093	49.46%	6.225%
41	9.414	1226	1232	1235	rBV4	6725	11221	0.95%	0.120%
42	9.500	1242	1246	1248	rVB4	1047	1185	0.10%	0.013%
43	9.634	1264	1268	1271	rBV5	2001	3674	0.31%	0.039%
44	9.890	1307	1310	1313	rBV2	1003	1325	0.11%	0.014%
45	10.036	1326	1334	1342	rBV	144571	263834	22.42%	2.821%
46	10.323	1373	1381	1388	rBV	511989	909392	77.28%	9.725%
47	10.384	1388	1391	1398	rVB	17370	29901	2.54%	0.320%
48	10.506	1405	1411	1416	rVB8	4313	8708	0.74%	0.093%
49	10.579	1416	1423	1433	rBV	102421	177976	15.12%	1.903%
50	10.707	1438	1444	1450	rVB3	18885	32773	2.78%	0.350%
51	10.841	1462	1466	1469	rBV4	1268	1852	0.16%	0.020%
52	10.926	1472	1480	1490	rBV	158433	277557	23.59%	2.968%
53	11.030	1495	1497	1499	rBV3	1298	1404	0.12%	0.015%
54	11.073	1499	1504	1512	rVB	75493	120890	10.27%	1.293%
55	11.341	1543	1548	1550	rBV5	789	1391	0.12%	0.015%
56	11.408	1557	1559	1562	rVB3	1715	1783	0.15%	0.019%
57	11.506	1574	1575	1579	rBV3	956	1242	0.11%	0.013%
58	11.634	1587	1596	1605	rBV	578928	984216	83.64%	10.525%
59	11.792	1620	1622	1626	rBV5	973	965	0.08%	0.010%
60	11.847	1626	1631	1633	rBV5	2058	3688	0.31%	0.039%
61	12.170	1680	1684	1687	rBV5	1249	1890	0.16%	0.020%
62	12.341	1707	1712	1720	rBV3	18726	31051	2.64%	0.332%
63	12.402	1720	1722	1727	rVB5	981	997	0.08%	0.011%
64	12.609	1751	1756	1763	rVB3	17581	28390	2.41%	0.304%
65	12.694	1763	1770	1778	rBV	238338	390692	33.20%	4.178%
66	12.755	1778	1780	1788	rVB6	2873	5561	0.47%	0.059%
67	12.816	1788	1790	1791	rBV2	1457	1045	0.09%	0.011%
68	13.042	1826	1827	1831	rVB2	963	1000	0.08%	0.011%
69	13.091	1833	1835	1840	rVV4	1056	1432	0.12%	0.015%
70	13.231	1856	1858	1862	rBV5	1186	2041	0.17%	0.022%
71	13.292	1866	1868	1869	rBV2	1242	1123	0.10%	0.012%

LSC Area Percent Report

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Sample : K2403-02RE
Misc : 7.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A5102RE

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\SOM2WLM041519S.M
Title : VOC Analysis

72	13.335	1872	1875	1880	rVB6	836	1366	0.12%	0.015%
73	13.402	1880	1886	1892	rBV3	49498	82262	6.99%	0.880%
74	13.493	1897	1901	1904	rVV5	4145	7553	0.64%	0.081%
75	13.560	1906	1912	1920	rVV	564764	898926	76.39%	9.613%
76	13.652	1924	1927	1933	rVB4	10978	17540	1.49%	0.188%
77	13.859	1954	1961	1969	rBV	480568	797839	67.80%	8.532%
78	13.981	1979	1981	1985	rBV5	2355	3589	0.30%	0.038%
79	14.023	1985	1988	1993	rVV7	5247	9360	0.80%	0.100%
80	14.078	1994	1997	2003	rVB2	12219	18270	1.55%	0.195%
81	14.206	2013	2018	2021	rBV7	1906	3412	0.29%	0.036%
82	14.334	2033	2039	2044	rBV	100498	160526	13.64%	1.717%
83	14.499	2064	2066	2067	rBV2	2417	1841	0.16%	0.020%
84	14.529	2067	2071	2080	rVB3	18924	34674	2.95%	0.371%
85	14.706	2097	2100	2102	rBV3	1768	2179	0.19%	0.023%
86	14.798	2113	2115	2120	rBV6	1789	2837	0.24%	0.030%
87	14.859	2122	2125	2133	rVB9	5128	10776	0.92%	0.115%
88	14.926	2133	2136	2137	rBV3	2118	2395	0.20%	0.026%
89	15.188	2176	2179	2181	rBV3	4004	5262	0.45%	0.056%
90	15.261	2187	2191	2198	rVB5	11034	18008	1.53%	0.193%
91	15.511	2228	2232	2235	rVB6	3143	4003	0.34%	0.043%
92	15.566	2237	2241	2243	rBV4	1995	2489	0.21%	0.027%
93	15.724	2265	2267	2269	rVB3	1508	1146	0.10%	0.012%
94	15.749	2269	2271	2274	rBV4	1124	1562	0.13%	0.017%
95	16.017	2313	2315	2322	rVB7	1418	2122	0.18%	0.023%
96	16.096	2324	2328	2331	rBV5	2069	2329	0.20%	0.025%
97	16.297	2358	2361	2364	rBV4	1625	2101	0.18%	0.022%
98	16.364	2370	2372	2373	rBV	1091	989	0.08%	0.011%
99	16.505	2387	2395	2399	rBV9	3255	7621	0.65%	0.082%
100	16.547	2399	2402	2403	rVB2	1248	1072	0.09%	0.011%

Sum of corrected areas: 9350856

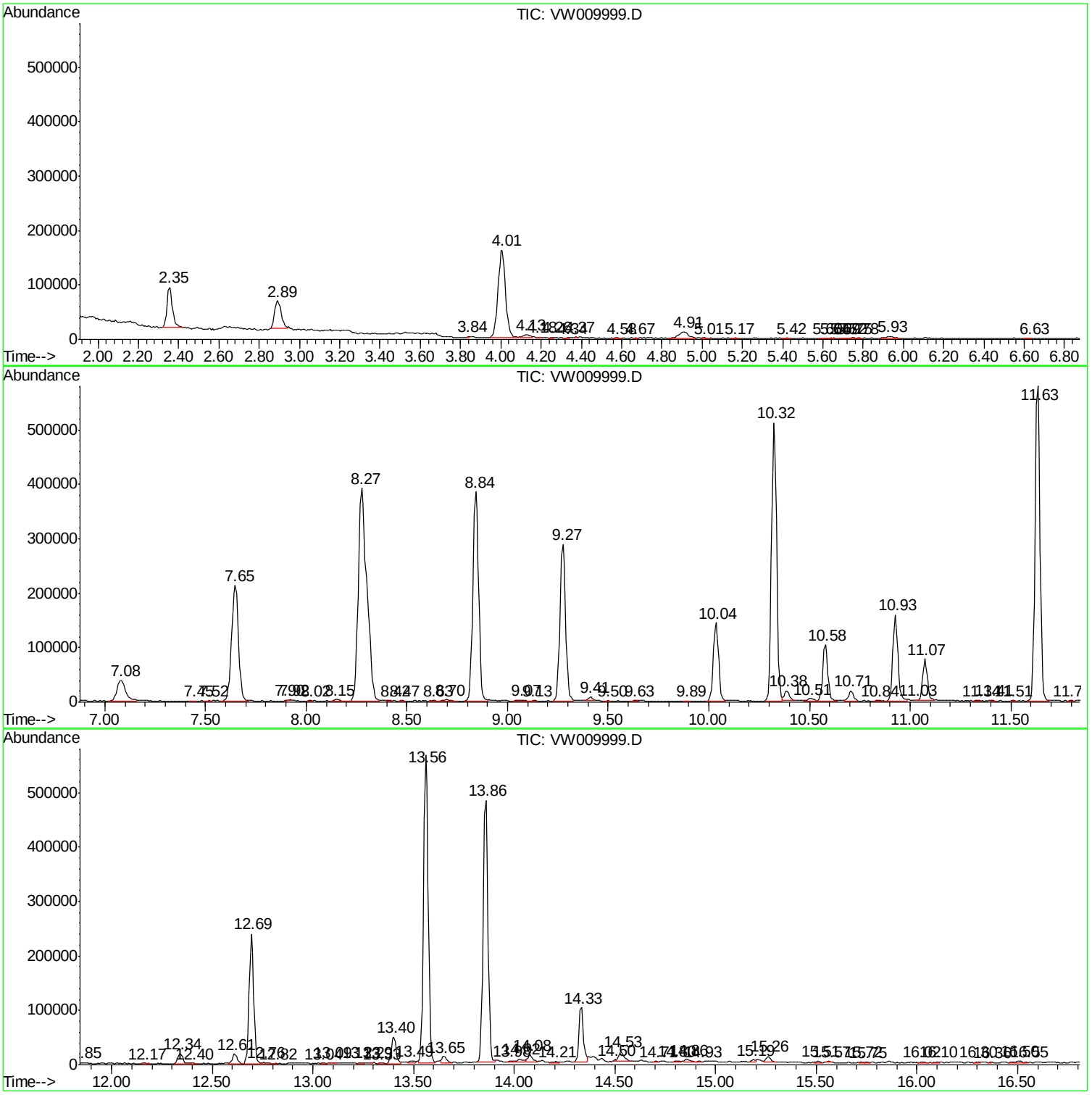
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041619\
Data File : VW009999.D
Acq On : 16 Apr 2019 16:31
Operator : SY/VA
Sample : K2403-02RE
Misc : 7.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A5102RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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



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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

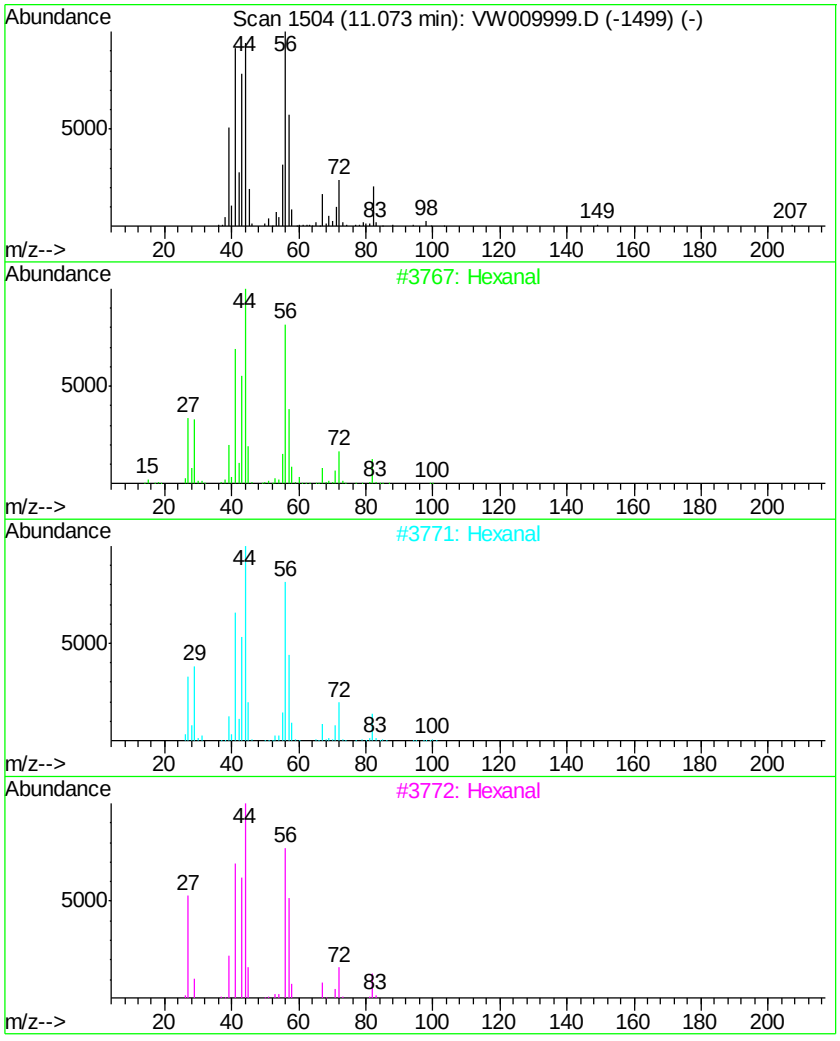
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

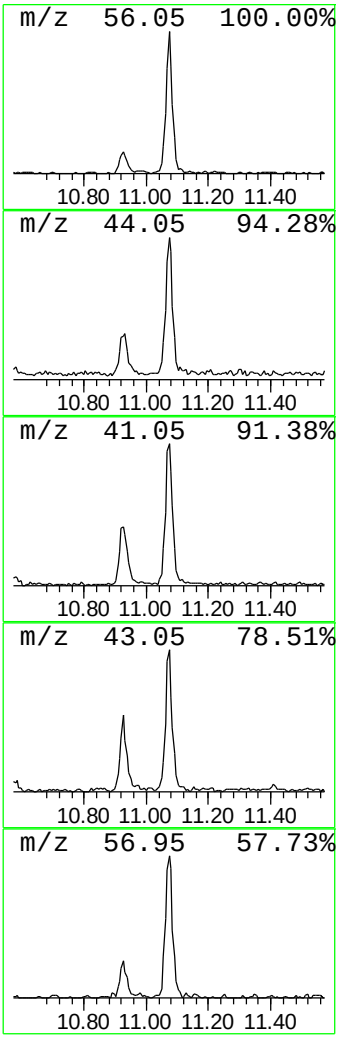
****

Peak Number 3 Hexanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	3.07 ug/L	120890	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	64
2	Hexanal	100	C6H12O	000066-25-1	59
3	Hexanal	100	C6H12O	000066-25-1	59
4	Hexanal	100	C6H12O	000066-25-1	50
5	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	38





Library Search Compound Report

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Data File : VW009999.D
Acq On : 16 Apr 2019 16:31
Operator : SY/VA
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A5102RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

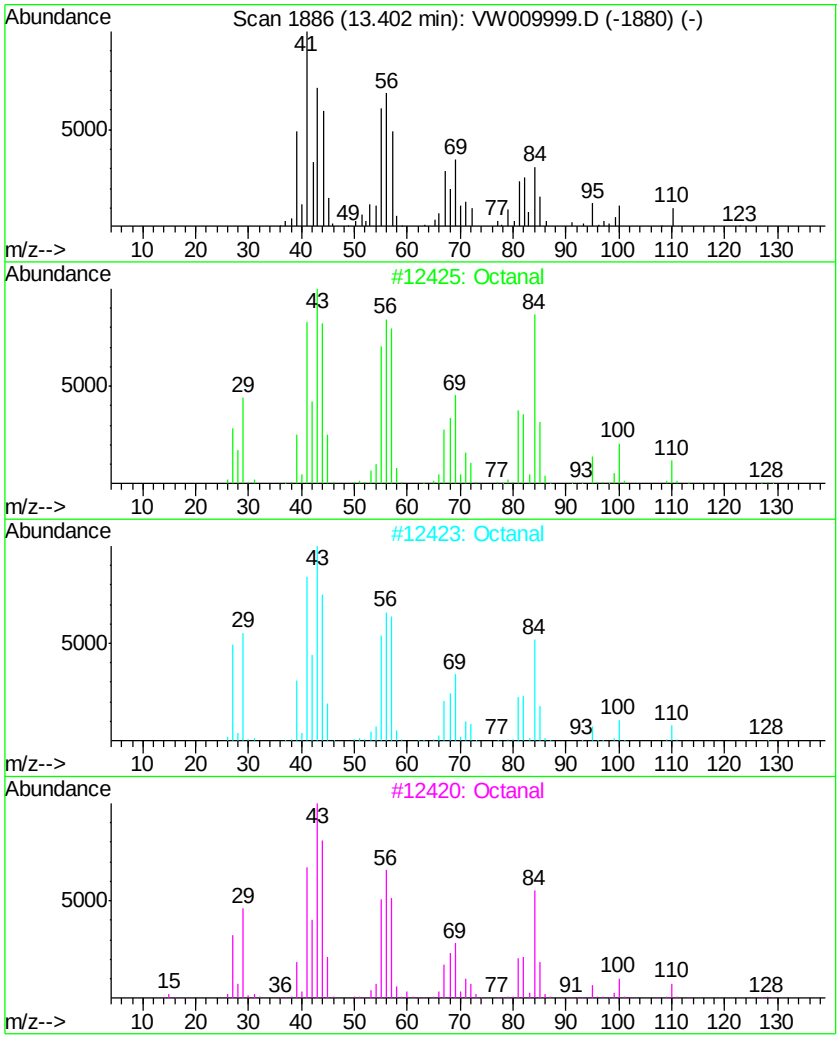
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

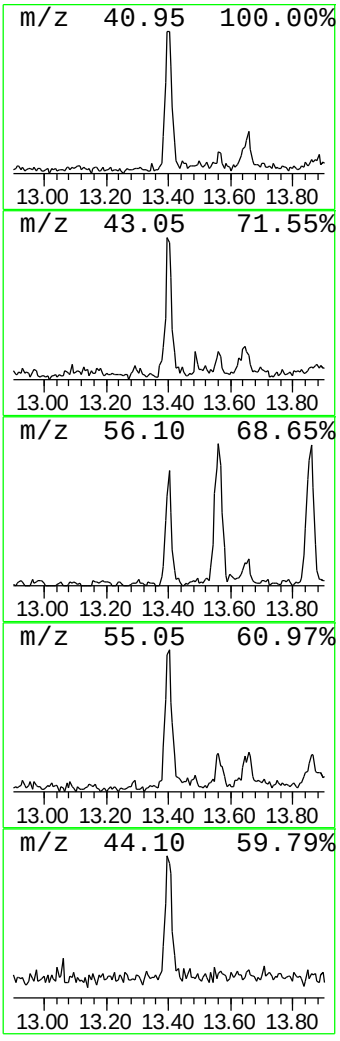
****

Peak Number 4 Octanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	2.29 ug/L	82262	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	72
2	Octanal	128	C8H16O	000124-13-0	72
3	Octanal	128	C8H16O	000124-13-0	64
4	Octanal	128	C8H16O	000124-13-0	47
5	2,4,6,8-Tetramethyl-1-undecene	210	C15H30	059920-26-2	22





Library Search Compound Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A5102RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

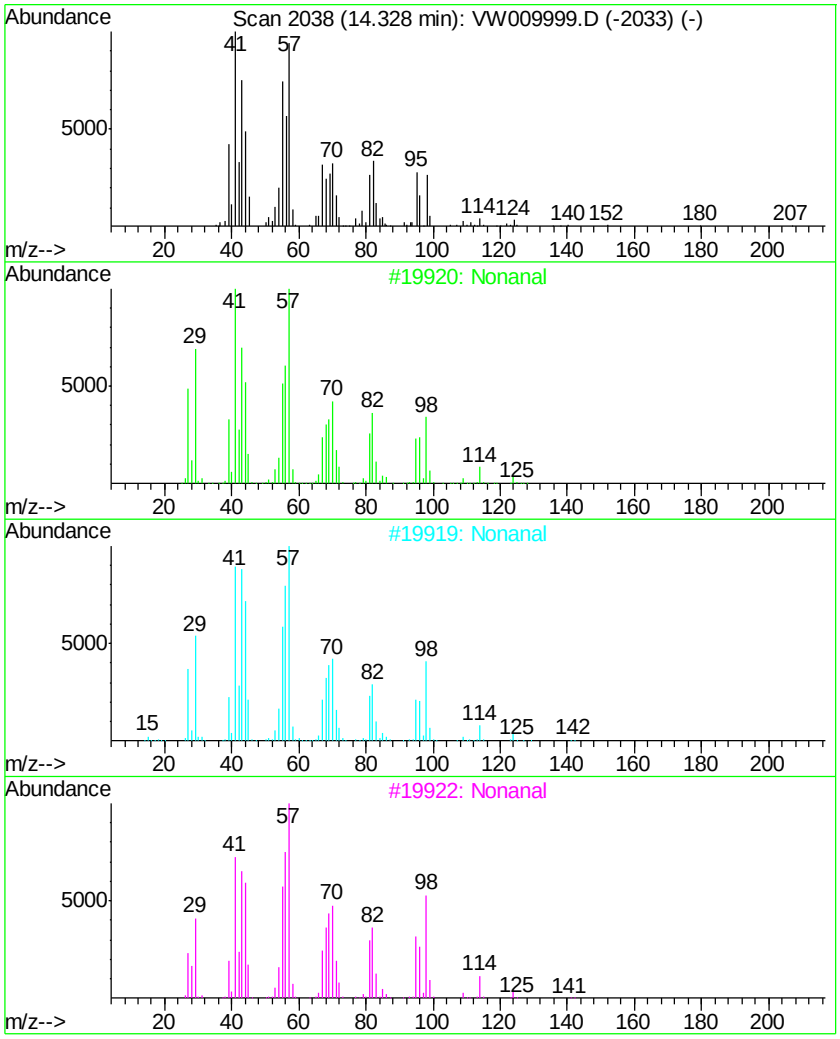
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

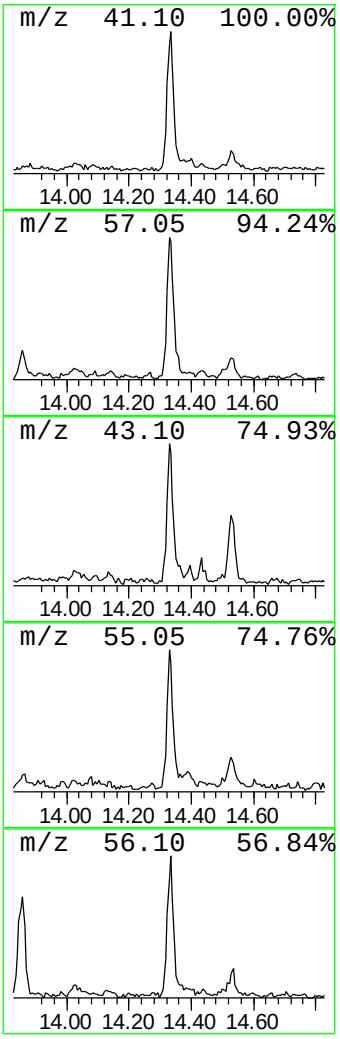
****

Peak Number 5 Nonanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	4.46 ug/L	160526	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	91
2	Nonanal	142	C9H18O	000124-19-6	80
3	Nonanal	142	C9H18O	000124-19-6	59
4	2-Hepten-1-ol, (E)-	114	C7H14O	033467-76-4	41
5	2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041619\
Data File : VW009999.D
Acq On : 16 Apr 2019 16:31
Operator : SY/VA
Sample : K2403-02RE
Misc : 7.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A5102RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.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
Hexanal	11.07	3.1	ug/L	120890	2	11.63	984216	25.0
Octanal	13.40	2.3	ug/L	82262	3	13.56	898926	25.0
Nonanal	14.33	4.5	ug/L	160526	3	13.56	898926	25.0