LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061719\
Data File : VW010827.D
Acq On : 17 Jun 2019 15:04
Operator : SY/VA
Sample : K3363-08
Misc : 6.04G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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\SOM2WLM061119S.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	1.959	6	9	25	rVB3	10841	29496	2.79%	0.341%
2	2.160	37	42	48	rBV	15852	25061	2.37%	0.290%
3	2.349	67	73	88	rVB	76051	128023	12.12%	1.479%
4	2.495	93	97	102	rVB	13507	20918	1.98%	0.242%
5	2.885	154	161	174	rVB	62678	128267	12.15%	1.482%
6	3.269	219	224	232	rVB4	2298	5326	0.50%	0.062%
7	3.538	263	268	269	rBV4	1071	1328	0.13%	0.015%
8	3.684	289	292	293	rVV3	522	557	0.05%	0.006%
9	3.855	315	320	326	rVV5	1907	4376	0.41%	0.051%
10	3.952	334	336	337	rBV2	756	746	0.07%	0.009%
11	4.013	337	346	357	rVV	127468	339417	32.14%	3.922%
12	4.129	357	365	379	rVB	14761	42734	4.05%	0.494%
13	4.275	388	389	391	rVB	911	625	0.06%	0.007%
14	4.318	391	396	397	rBV2	571	771	0.07%	0.009%
15	4.397	400	409	417	rVV3	4052	13266	1.26%	0.153%
16	4.598	437	442	445	rBV3	971	1752	0.17%	0.020%
17	4.818	476	478	480	rBV2	609	532	0.05%	0.006%
18	4.922	484	495	504	rVV	11197	34476	3.26%	0.398%
19	5.165	531	535	536	rBV3	618	612	0.06%	0.007%
20	5.415	572	576	578	rBV3	571	925	0.09%	0.011%
21	5.836	643	645	648	rVB3	419	474	0.04%	0.005%
22	5.934	652	661	662	rBV3	4442	7579	0.72%	0.088%
23	6.092	684	687	688	rBV2	589	708	0.07%	0.008%
24	6.342	724	728	731	rVB3	398	515	0.05%	0.006%
25	6.750	793	795	797	rBV2	592	606	0.06%	0.007%
26	6.848	806	811	813	rBV2	593	899	0.09%	0.010%
27	6.897	813	819	830	rBV4	4494	13981	1.32%	0.162%
28	6.982	831	833	838	rVB4	582	788	0.07%	0.009%
29	7.086	841	850	862	rBV2	37328	125020	11.84%	1.445%
30	7.299	884	885	888	rBV2	454	488	0.05%	0.006%
31	7.500	914	918	920	rBV2	629	1014	0.10%	0.012%
32	7.537	920	924	931	rVB5	1293	2739	0.26%	0.032%
33	7.653	932	943	961	rBV2	159095	437397	41.42%	5.054%
34	7.951	984	992	1000	rVB7	2180	5308	0.50%	0.061%

LSC Area Percent Report

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Sample : K3363-08
Misc : 6.04G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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\SOM2WLM061119S.M
Title : VOC Analysis

35	8.037	1003	1006	1007	rBV3	672	776	0.07%	0.009%
36	8.275	1033	1045	1060	rBV2	353238	1055987	100.00%	12.202%
37	8.390	1062	1064	1071	rVB4	1204	1699	0.16%	0.020%
38	8.464	1074	1076	1078	rBV3	694	710	0.07%	0.008%
39	8.555	1089	1091	1094	rVB3	801	699	0.07%	0.008%
40	8.695	1108	1114	1115	rBV3	1019	1647	0.16%	0.019%
41	8.842	1129	1138	1149	rBV	389033	774645	73.36%	8.951%
42	9.024	1163	1168	1173	rVV	18346	40086	3.80%	0.463%
43	9.079	1173	1177	1186	rVB3	14809	33736	3.19%	0.390%
44	9.274	1200	1209	1226	rVV	262156	544732	51.59%	6.295%
45	9.409	1230	1231	1235	rBV4	676	812	0.08%	0.009%
46	9.512	1246	1248	1250	rBV3	450	513	0.05%	0.006%
47	9.591	1259	1261	1264	rVB3	483	450	0.04%	0.005%
48	9.665	1268	1273	1280	rVB7	1422	3218	0.30%	0.037%
49	9.823	1296	1299	1302	rBV2	577	726	0.07%	0.008%
50	9.896	1306	1311	1316	rVV4	2198	3943	0.37%	0.046%
51	10.036	1325	1334	1343	rBV	134390	245462	23.24%	2.836%
52	10.250	1365	1369	1373	rVB6	1100	1748	0.17%	0.020%
53	10.323	1373	1381	1389	rBV	474955	836907	79.25%	9.671%
54	10.390	1389	1392	1397	rVB	4530	7326	0.69%	0.085%
55	10.500	1407	1410	1416	rVB5	1175	2152	0.20%	0.025%
56	10.579	1416	1423	1433	rBV	85336	149541	14.16%	1.728%
57	10.707	1439	1444	1450	rVB3	4871	8516	0.81%	0.098%
58	10.829	1460	1464	1466	rBV5	508	721	0.07%	0.008%
59	10.859	1466	1469	1473	rVB4	1223	1779	0.17%	0.021%
60	10.927	1473	1480	1493	rBV	162635	271367	25.70%	3.136%
61	11.073	1499	1504	1511	rVB5	4719	9275	0.88%	0.107%
62	11.231	1526	1530	1533	rVB4	1101	1547	0.15%	0.018%
63	11.286	1536	1539	1545	rBV7	880	1864	0.18%	0.022%
64	11.408	1555	1559	1563	rVB6	912	1342	0.13%	0.016%
65	11.512	1571	1576	1577	rBV5	791	953	0.09%	0.011%
66	11.634	1588	1596	1608	rBV	530218	900607	85.29%	10.407%
67	11.725	1609	1611	1618	rVB5	2439	3894	0.37%	0.045%
68	11.798	1619	1623	1624	rBV3	641	853	0.08%	0.010%
69	11.835	1624	1629	1634	rBV2	5574	10808	1.02%	0.125%
70	12.115	1674	1675	1677	rBV2	836	713	0.07%	0.008%
71	12.176	1679	1685	1691	rVV6	4479	10353	0.98%	0.120%

LSC Area Percent Report

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Operator : SY/VA
Sample : K3363-08
Misc : 6.04G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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\SOM2WLM061119S.M
Title : VOC Analysis

72	12.341	1708	1712	1723	rVB3	6273	12062	1.14%	0.139%
73	12.451	1723	1730	1732	rBV5	1452	3405	0.32%	0.039%
74	12.518	1739	1741	1742	rBV2	983	1026	0.10%	0.012%
75	12.560	1745	1748	1749	rVV3	1029	1045	0.10%	0.012%
76	12.609	1750	1756	1762	rVB2	11893	21753	2.06%	0.251%
77	12.695	1763	1770	1777	rBV	192889	320847	30.38%	3.708%
78	12.871	1791	1799	1802	rBV6	3656	8191	0.78%	0.095%
79	12.944	1806	1811	1818	rVV9	3395	9231	0.87%	0.107%
80	13.121	1838	1840	1844	rBV5	835	1125	0.11%	0.013%
81	13.170	1845	1848	1849	rVV3	1414	1709	0.16%	0.020%
82	13.201	1849	1853	1857	rVB4	4164	7002	0.66%	0.081%
83	13.261	1859	1863	1865	rVV3	2029	3117	0.30%	0.036%
84	13.304	1866	1870	1873	rVB5	2704	4182	0.40%	0.048%
85	13.402	1880	1886	1896	rBV2	43393	79176	7.50%	0.915%
86	13.560	1905	1912	1919	rBV	519261	835099	79.08%	9.650%
87	13.767	1941	1946	1950	rVB6	2766	4965	0.47%	0.057%
88	13.853	1953	1960	1972	rBV	415015	699098	66.20%	8.078%
89	14.078	1993	1997	2001	rVB3	4654	7216	0.68%	0.083%
90	14.206	2015	2018	2020	rBV3	1191	1703	0.16%	0.020%
91	14.267	2023	2028	2032	rBV5	3150	5967	0.57%	0.069%
92	14.328	2032	2038	2045	rBV	169406	265025	25.10%	3.062%
93	14.499	2063	2066	2067	rBV3	1476	1573	0.15%	0.018%
94	14.615	2083	2085	2086	rVB2	994	494	0.05%	0.006%
95	14.694	2096	2098	2100	rBV3	949	1222	0.12%	0.014%
96	14.792	2112	2114	2116	rBV2	1071	1190	0.11%	0.014%
97	15.188	2174	2179	2187	rVB5	11003	18974	1.80%	0.219%
98	15.444	2214	2221	2227	rBV2	15721	27225	2.58%	0.315%
99	15.560	2238	2240	2242	rBV2	839	586	0.06%	0.007%
100	16.645	2416	2418	2421	rBV3	694	841	0.08%	0.010%

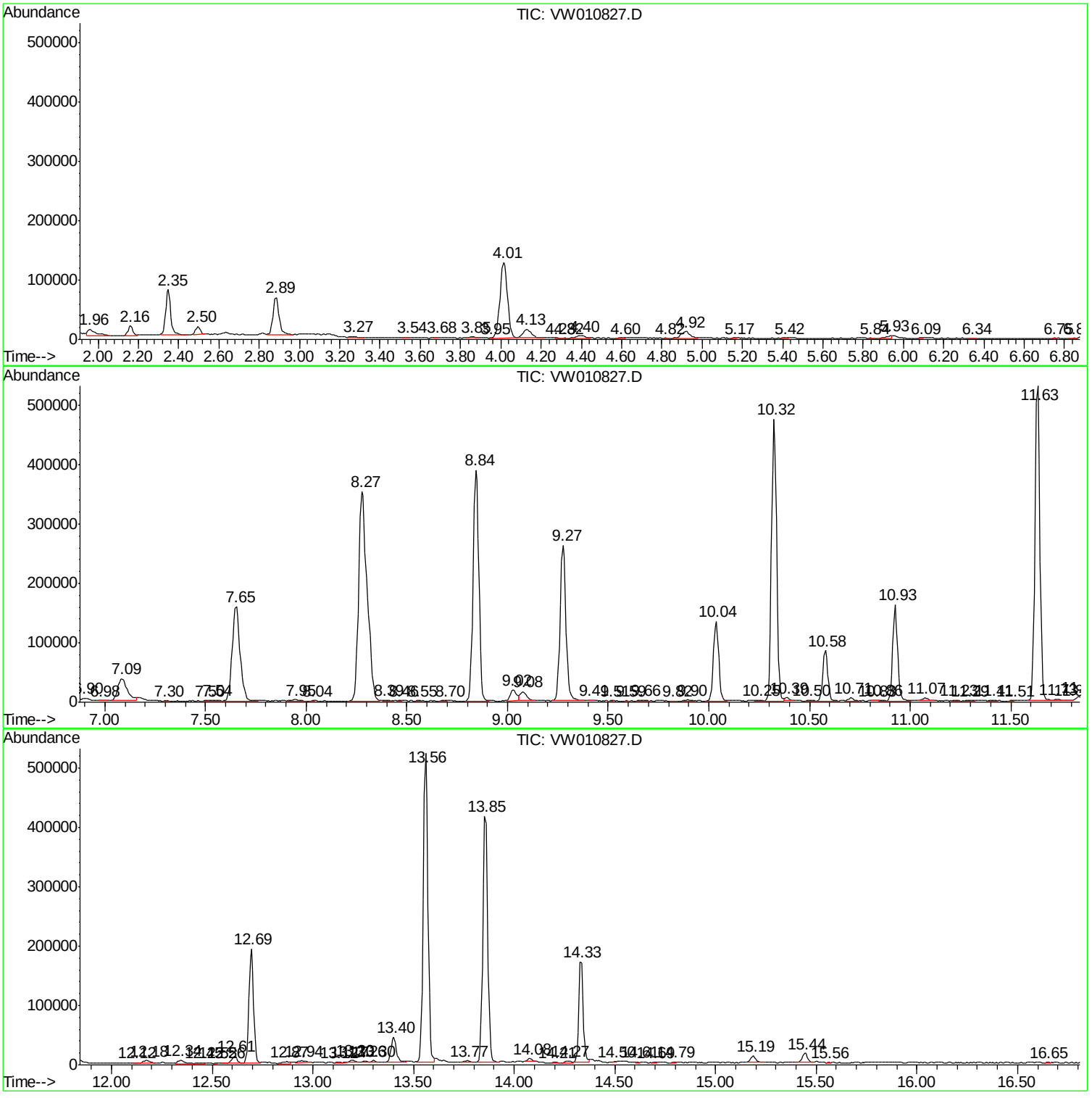
Sum of corrected areas: 8653880

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061719\
Data File : VW010827.D
Acq On : 17 Jun 2019 15:04
Operator : SY/VA
Sample : K3363-08
Misc : 6.04G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM061119S.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_W\DATA\VW061719\
Data File : VW010827.D
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Quant Title : VOC Analysis

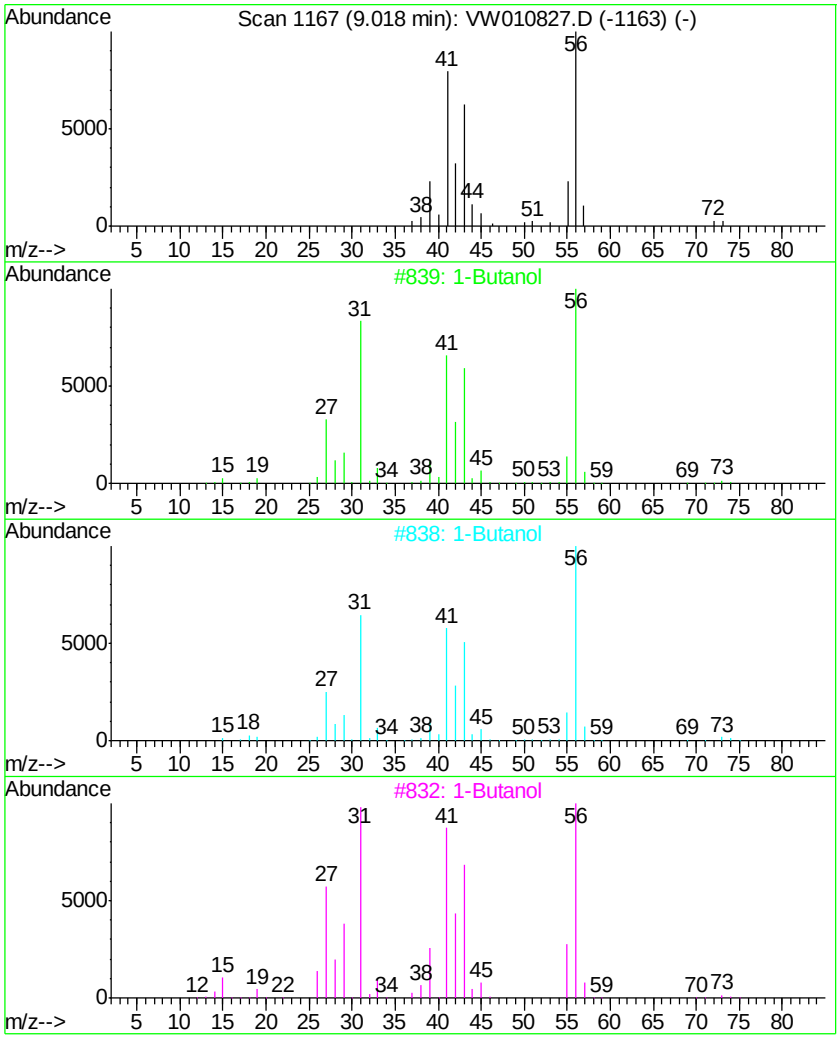
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

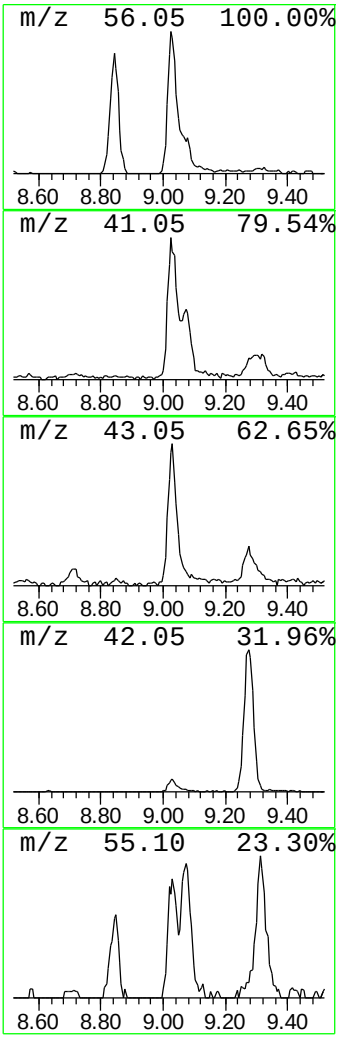
****

Peak Number 1 1-Butanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	1.29 ug/L	40086	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	78
2	1-Butanol	74	C4H10O	000071-36-3	78
3	1-Butanol	74	C4H10O	000071-36-3	78
4	1-Butanol	74	C4H10O	000071-36-3	64
5	1-Butanol	74	C4H10O	000071-36-3	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061719\
Data File : VW010827.D
Acq On : 17 Jun 2019 15:04
Operator : SY/VA
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ALS Vial : 1 Sample Multiplier: 1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM061119S.M
Quant Title : VOC Analysis

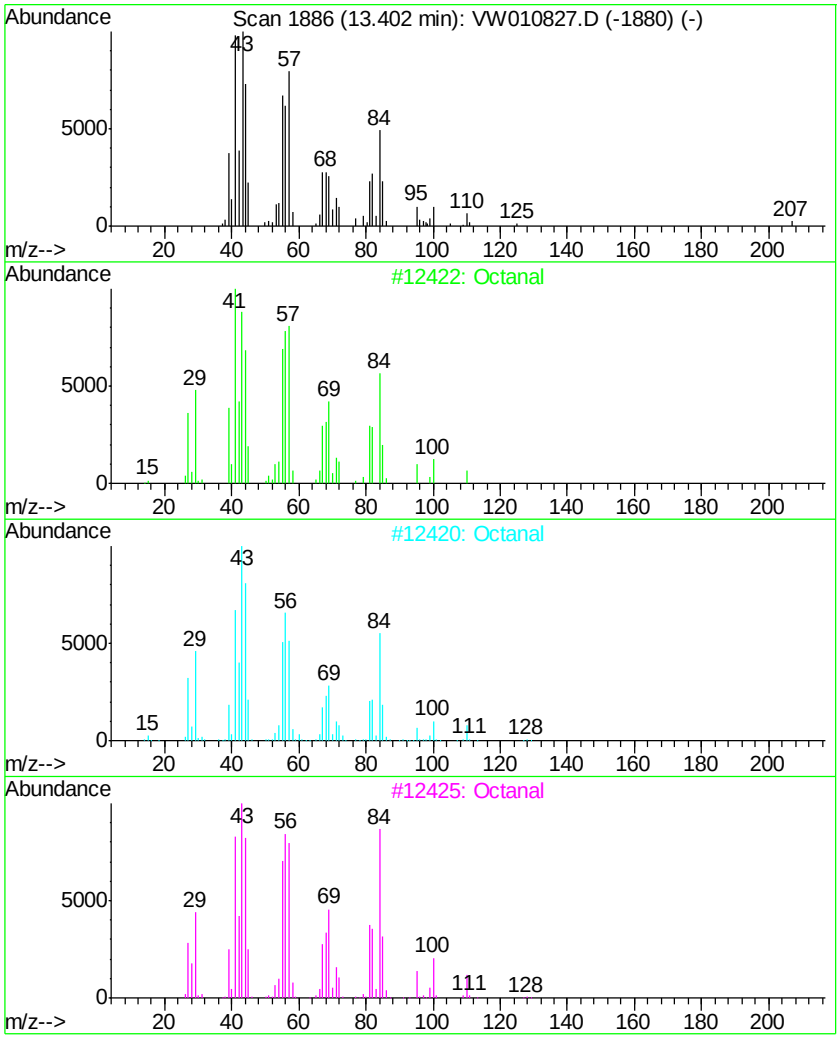
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

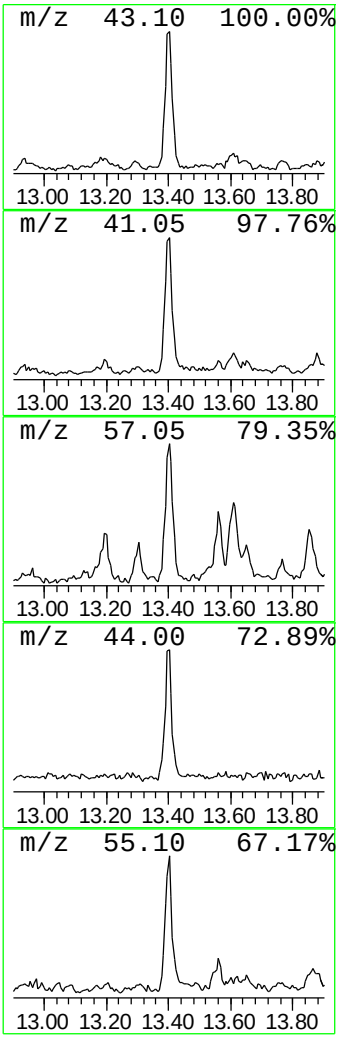
****

Peak Number 3 Octanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	2.37 ug/L	79176	1,4-Dichlorobenzene-d4	13.56

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	91
4	Octanal	128	C8H16O	000124-13-0	86
5	Octanal	128	C8H16O	000124-13-0	53





Library Search Compound Report

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ALS Vial : 1 Sample Multiplier: 1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM061119S.M
Quant Title : VOC Analysis

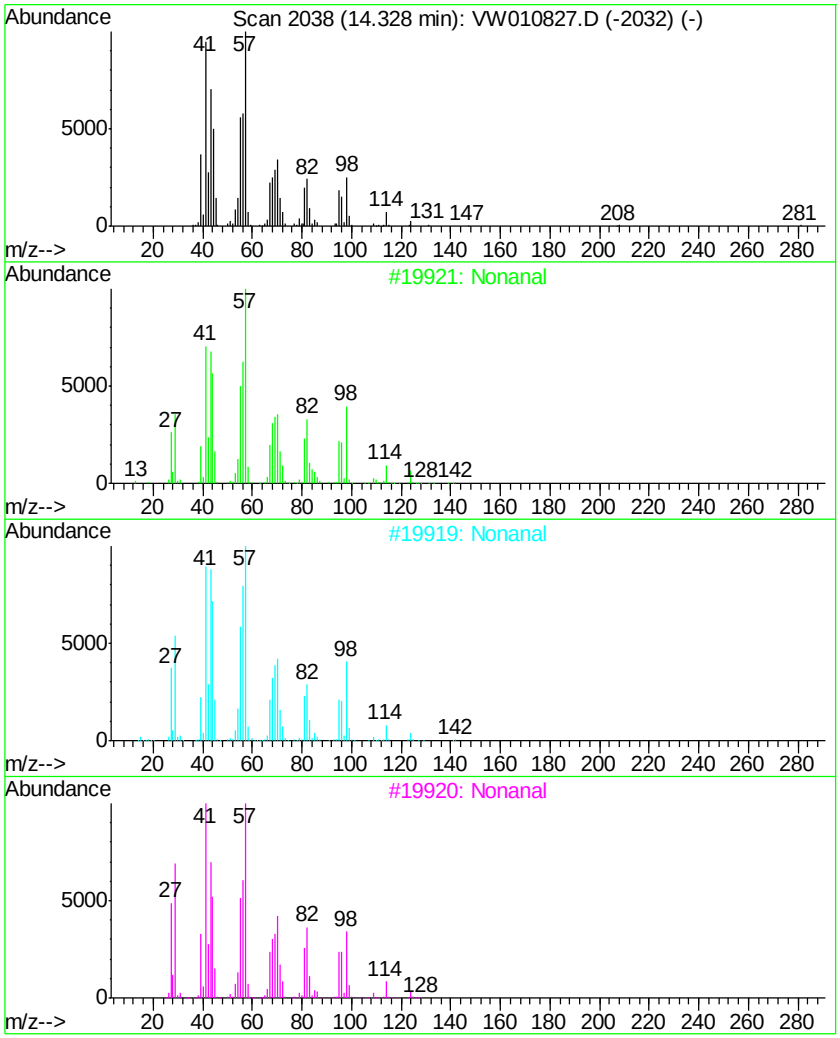
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

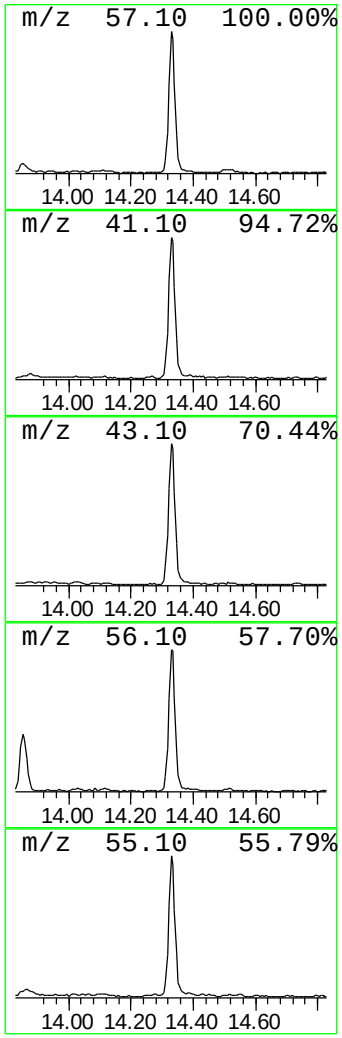
****

Peak Number 4 Nonanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	7.93 ug/L	265025	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	90
2	Nonanal	142	C9H18O	000124-19-6	90
3	Nonanal	142	C9H18O	000124-19-6	78
4	2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	38
5	Heptane, 2-chloro-	134	C7H15Cl	001001-89-4	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061719\
Data File : VW010827.D
Acq On : 17 Jun 2019 15:04
Operator : SY/VA
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Misc : 6.04G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM061119S.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
1-Butanol	9.02	1.3	ug/L	40086	1	8.84	774645	25.0
Octanal	13.40	2.4	ug/L	79176	3	13.56	835099	25.0
Nonanal	14.33	7.9	ug/L	265025	3	13.56	835099	25.0