LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072720\
Data File : VW015965.D
Acq On : 27 Jul 2020 12:32
Operator : SY/VA
Sample : L3458-04
Misc : 5.73G/10ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY32

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\SOM2WLM072020S.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	83	rVB	46578	83947	25.77%	2.933%
2	2.891	157	162	176	rVB	21899	49612	15.23%	1.733%
3	3.038	180	186	194	rVB2	12893	28422	8.72%	0.993%
4	3.391	238	244	252	rVB2	10543	22684	6.96%	0.793%
5	3.824	314	315	318	rBV3	305	370	0.11%	0.013%
6	4.019	336	347	358	rVV	47027	128878	39.56%	4.503%
7	4.129	360	365	377	rVB	3222	8731	2.68%	0.305%
8	4.397	399	409	410	rBV4	1353	2925	0.90%	0.102%
9	4.678	446	455	456	rBV2	1565	2425	0.74%	0.085%
10	4.922	483	495	511	rBV6	5886	30027	9.22%	1.049%
11	5.446	572	581	594	rVB7	2231	8091	2.48%	0.283%
12	5.781	633	636	637	rBV2	404	346	0.11%	0.012%
13	5.946	653	663	675	rBB2	5780	16452	5.05%	0.575%
14	6.994	826	835	842	rVB6	2010	5809	1.78%	0.203%
15	7.092	842	851	860	rBV	17755	54586	16.75%	1.907%
16	7.263	871	879	896	rVB2	32524	82883	25.44%	2.896%
17	7.403	900	902	907	rVB2	395	466	0.14%	0.016%
18	7.653	933	943	958	rVB	53585	130280	39.99%	4.552%
19	7.945	979	991	1001	rBV8	3424	12694	3.90%	0.444%
20	8.043	1001	1007	1013	rVB4	1337	2664	0.82%	0.093%
21	8.159	1021	1026	1034	rVB4	2753	6109	1.88%	0.213%
22	8.281	1034	1046	1062	rBV2	108873	325802	100.00%	11.384%
23	8.421	1066	1069	1070	rBV3	699	844	0.26%	0.029%
24	8.451	1070	1074	1078	rVB3	1234	1809	0.56%	0.063%
25	8.512	1078	1084	1089	rBV4	1008	1763	0.54%	0.062%
26	8.579	1089	1095	1102	rVB6	1397	3695	1.13%	0.129%
27	8.695	1107	1114	1124	rBV3	6252	13143	4.03%	0.459%
28	8.848	1131	1139	1149	rBV	127409	248636	76.32%	8.688%
29	8.921	1149	1151	1155	rVB3	330	347	0.11%	0.012%
30	9.055	1169	1173	1175	rBV3	670	1078	0.33%	0.038%
31	9.281	1201	1210	1217	rBV	73472	148534	45.59%	5.190%
32	9.341	1217	1220	1225	rVB3	9106	14713	4.52%	0.514%
33	9.421	1231	1233	1238	rVB3	565	714	0.22%	0.025%
34	9.518	1246	1249	1254	rVB5	924	1540	0.47%	0.054%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072720\
Data File : VW015965.D
Acq On : 27 Jul 2020 12:32
Operator : SY/VA
Sample : L3458-04
Misc : 5.73G/10ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY32

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\SOM2WLM072020S.M
Title : VOC Analysis

35	9.610	1260	1264	1269	rVB3	999	1678	0.52%	0.059%
36	9.744	1284	1286	1292	rBV5	586	1016	0.31%	0.035%
37	9.902	1307	1312	1315	rBV3	729	1191	0.37%	0.042%
38	9.957	1315	1321	1327	rBV4	2371	4483	1.38%	0.157%
39	10.043	1328	1335	1341	rVV	33295	62745	19.26%	2.192%
40	10.097	1341	1344	1349	rVB6	1557	2883	0.88%	0.101%
41	10.329	1374	1382	1389	rBV	140516	252859	77.61%	8.835%
42	10.396	1389	1393	1401	rVV	10126	18214	5.59%	0.636%
43	10.451	1401	1402	1404	rVV	415	402	0.12%	0.014%
44	10.506	1404	1411	1417	rVB5	5793	12025	3.69%	0.420%
45	10.585	1417	1424	1434	rBV2	23092	41949	12.88%	1.466%
46	10.671	1434	1438	1440	rVV3	1681	2307	0.71%	0.081%
47	10.707	1440	1444	1449	rVV3	5730	9684	2.97%	0.338%
48	10.768	1451	1454	1459	rVB4	1167	1714	0.53%	0.060%
49	10.853	1464	1468	1469	rBV2	253	316	0.10%	0.011%
50	10.927	1474	1480	1493	rBV	62352	114587	35.17%	4.004%
51	11.085	1502	1506	1507	rBV3	816	956	0.29%	0.033%
52	11.152	1513	1517	1518	rBV3	660	663	0.20%	0.023%
53	11.183	1518	1522	1526	rVB5	2228	3062	0.94%	0.107%
54	11.237	1526	1531	1535	rVB3	1307	2392	0.73%	0.084%
55	11.286	1535	1539	1543	rVB4	598	837	0.26%	0.029%
56	11.347	1543	1549	1553	rBV3	721	1511	0.46%	0.053%
57	11.408	1557	1559	1560	rBV2	1056	800	0.25%	0.028%
58	11.512	1571	1576	1583	rVB4	857	1692	0.52%	0.059%
59	11.634	1589	1596	1605	rVV	163748	280683	86.15%	9.807%
60	11.731	1607	1612	1618	rVV2	3882	7416	2.28%	0.259%
61	11.841	1622	1630	1640	rVV4	7305	17398	5.34%	0.608%
62	11.914	1640	1642	1651	rVV6	1229	3795	1.16%	0.133%
63	11.975	1651	1652	1654	rVV	817	491	0.15%	0.017%
64	12.000	1654	1656	1661	rVB4	353	427	0.13%	0.015%
65	12.170	1675	1684	1689	rVB6	1558	3786	1.16%	0.132%
66	12.378	1709	1718	1719	rVV6	1131	2757	0.85%	0.096%
67	12.457	1727	1731	1732	rVV	319	340	0.10%	0.012%
68	12.512	1739	1740	1744	rBV3	473	564	0.17%	0.020%
69	12.609	1752	1756	1764	rVB	5331	8535	2.62%	0.298%
70	12.695	1764	1770	1777	rBV	75135	123744	37.98%	4.324%
71	12.756	1777	1780	1786	rVB2	2006	3352	1.03%	0.117%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072720\
Data File : VW015965.D
Acq On : 27 Jul 2020 12:32
Operator : SY/VA
Sample : L3458-04
Misc : 5.73G/10ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY32

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\SOM2WLM072020S.M
Title : VOC Analysis

72	12.871	1795	1799	1800	rBV2	695	540	0.17%	0.019%
73	12.896	1800	1803	1805	rVV3	395	474	0.15%	0.017%
74	12.938	1805	1810	1815	rVB6	2506	4334	1.33%	0.151%
75	13.115	1836	1839	1841	rVB3	465	575	0.18%	0.020%
76	13.170	1845	1848	1849	rBV3	468	436	0.13%	0.015%
77	13.255	1858	1862	1866	rBV2	1901	2746	0.84%	0.096%
78	13.359	1875	1879	1881	rVV3	352	547	0.17%	0.019%
79	13.383	1881	1883	1884	rVV	629	608	0.19%	0.021%
80	13.402	1884	1886	1891	rVV3	1047	1933	0.59%	0.068%
81	13.451	1891	1894	1896	rVV3	637	848	0.26%	0.030%
82	13.505	1899	1903	1905	rVV2	673	932	0.29%	0.033%
83	13.560	1905	1912	1923	rVV	129542	216598	66.48%	7.568%
84	13.658	1923	1928	1934	rVV3	4371	8235	2.53%	0.288%
85	13.749	1941	1943	1946	rVV4	343	522	0.16%	0.018%
86	13.786	1948	1949	1952	rVB2	432	340	0.10%	0.012%
87	13.859	1953	1961	1973	rVV	103479	175653	53.91%	6.137%
88	14.072	1991	1996	2001	rVV	3590	5747	1.76%	0.201%
89	14.158	2009	2010	2014	rVB2	429	348	0.11%	0.012%
90	14.328	2034	2038	2041	rBV4	961	1218	0.37%	0.043%
91	14.487	2061	2064	2065	rBV2	297	370	0.11%	0.013%
92	14.530	2068	2071	2074	rBV4	740	1069	0.33%	0.037%
93	14.737	2103	2105	2109	rVB4	503	414	0.13%	0.014%
94	14.920	2132	2135	2138	rBV2	399	551	0.17%	0.019%
95	15.103	2163	2165	2168	rVB2	569	563	0.17%	0.020%
96	15.176	2174	2177	2178	rBV2	386	432	0.13%	0.015%
97	15.603	2244	2247	2248	rBV2	335	336	0.10%	0.012%
98	15.853	2285	2288	2289	rBV3	361	374	0.11%	0.013%
99	16.340	2366	2368	2370	rBV2	538	369	0.11%	0.013%
100	16.529	2397	2399	2402	rBV4	645	596	0.18%	0.021%

Sum of corrected areas: 2861981

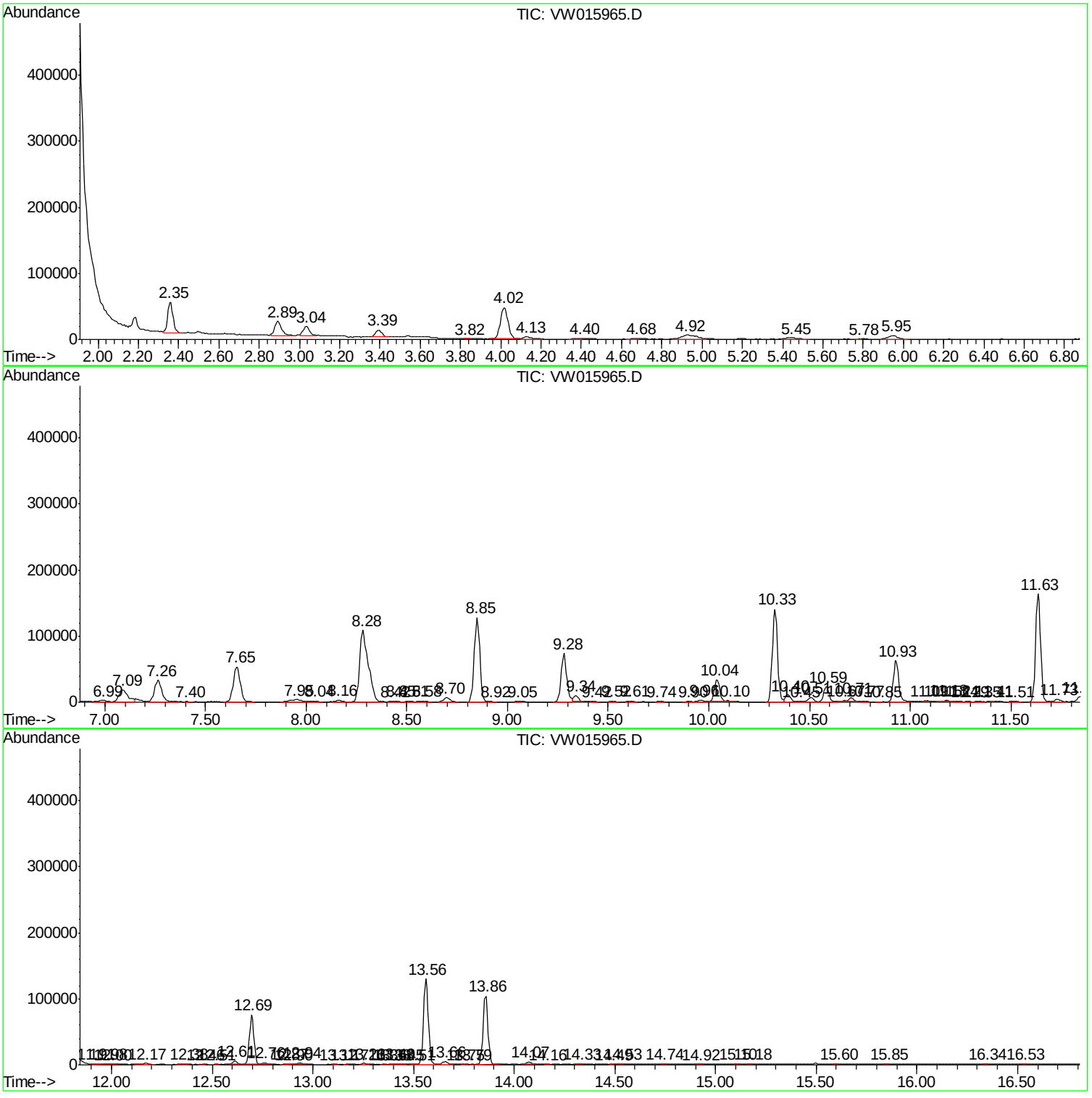
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072720\
Data File : VW015965.D
Acq On : 27 Jul 2020 12:32
Operator : SY/VA
Sample : L3458-04
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY32

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.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\VW072720\
Data File : VW015965.D
Acq On : 27 Jul 2020 12:32
Operator : SY/VA
Sample : L3458-04
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY32

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

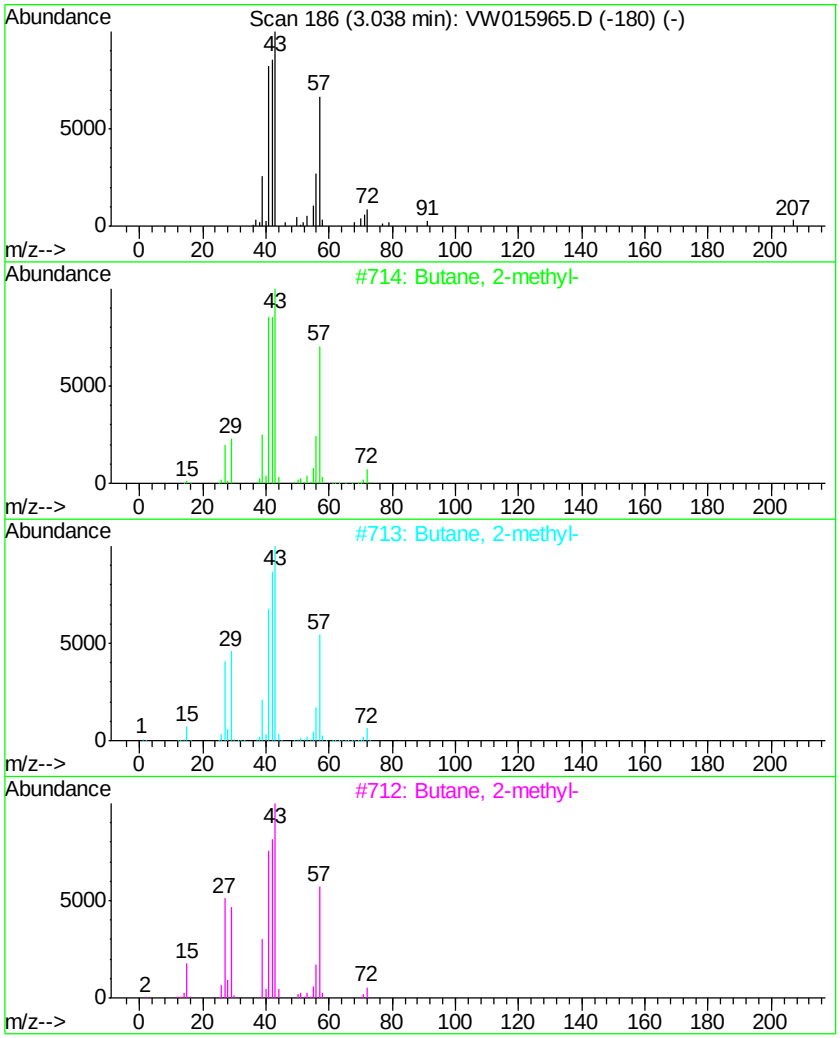
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

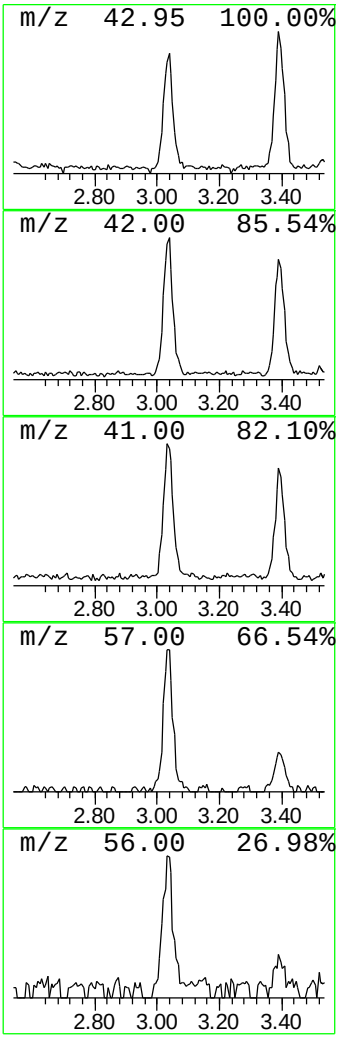
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	2.86 ug/L	28422	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	87
2	Butane, 2-methyl-	72	C5H12	000078-78-4	86
3	Butane, 2-methyl-	72	C5H12	000078-78-4	80
4	Butane, 1-isocyano-	83	C5H9N	002769-64-4	10
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	10





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072720\
Data File : VW015965.D
Acq On : 27 Jul 2020 12:32
Operator : SY/VA
Sample : L3458-04
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY32

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

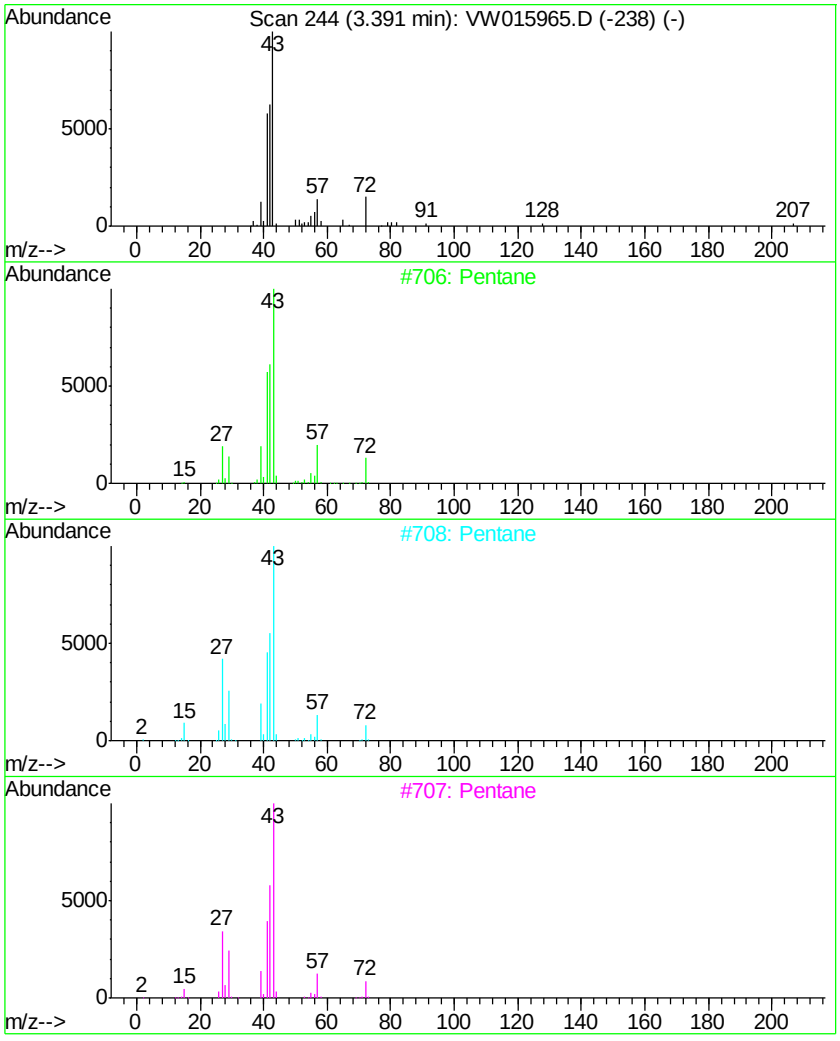
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

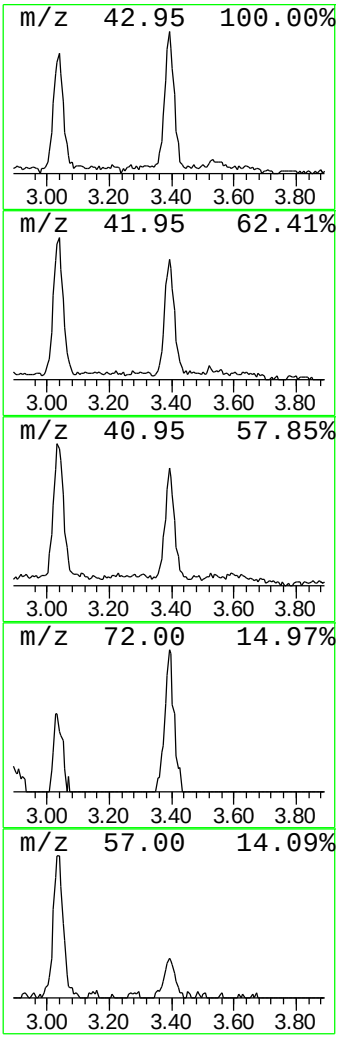
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	2.28 ug/L	22684	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	64
2	Pentane	72	C5H12	000109-66-0	64
3	Pentane	72	C5H12	000109-66-0	59
4	Pentane	72	C5H12	000109-66-0	45
5	Oxirane, ethyl-	72	C4H8O	000106-88-7	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072720\
Data File : VW015965.D
Acq On : 27 Jul 2020 12:32
Operator : SY/VA
Sample : L3458-04
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY32

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

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

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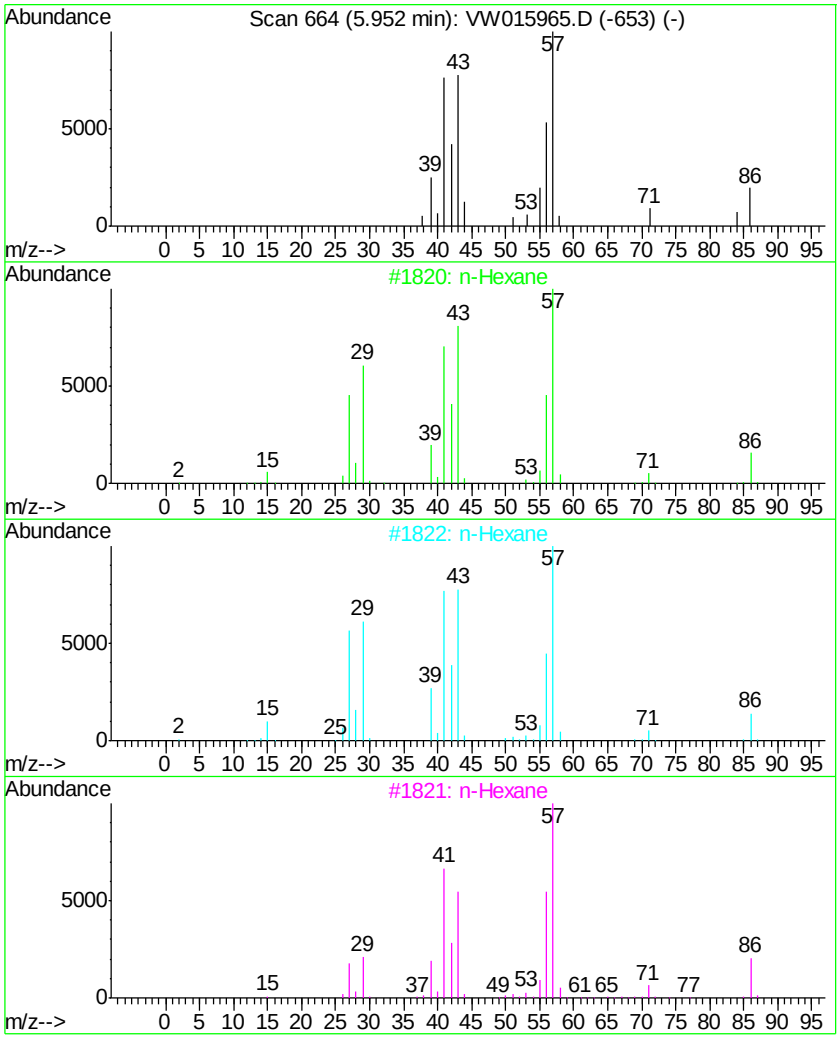
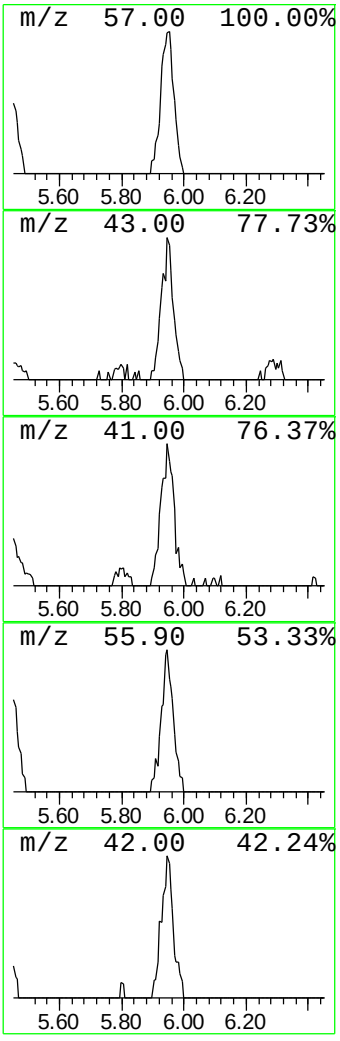
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	1.65 ug/L	16452	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	90
2	n-Hexane	86	C6H14	000110-54-3	90
3	n-Hexane	86	C6H14	000110-54-3	64
4	1-Butanol	74	C4H10O	000071-36-3	45
5	1-Hexene	84	C6H12	000592-41-6	40





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072720\
Data File : VW015965.D
Acq On : 27 Jul 2020 12:32
Operator : SY/VA
Sample : L3458-04
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY32

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

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

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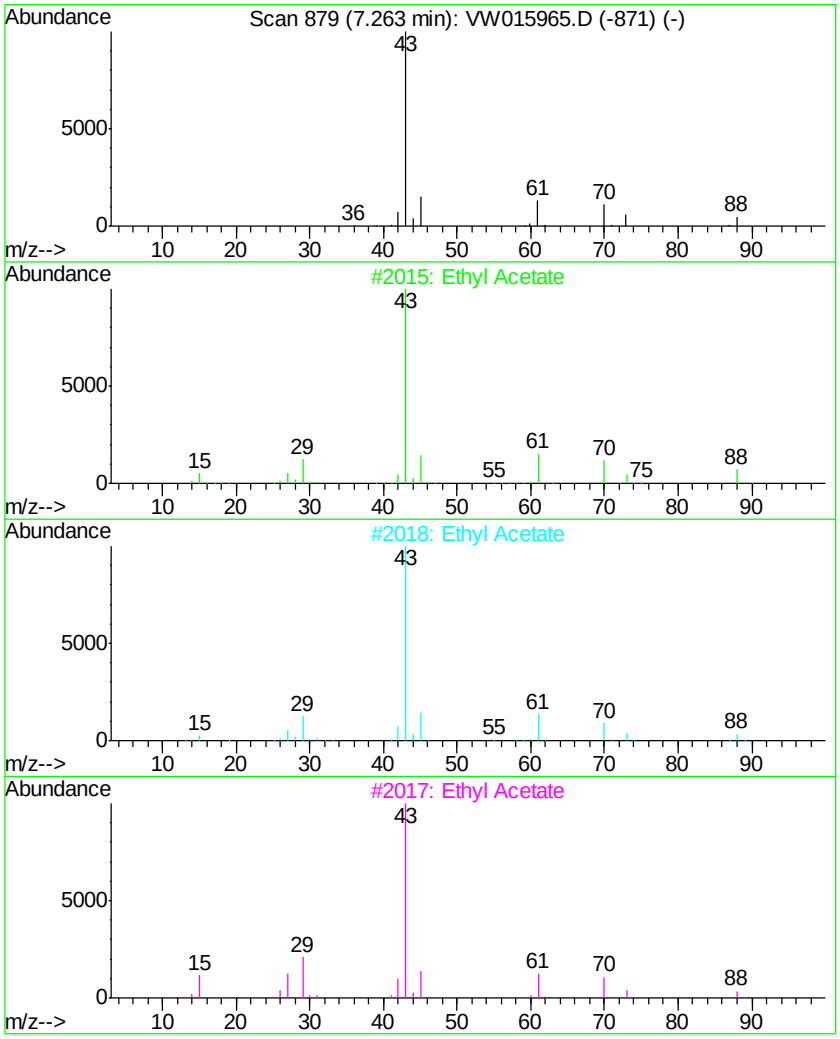
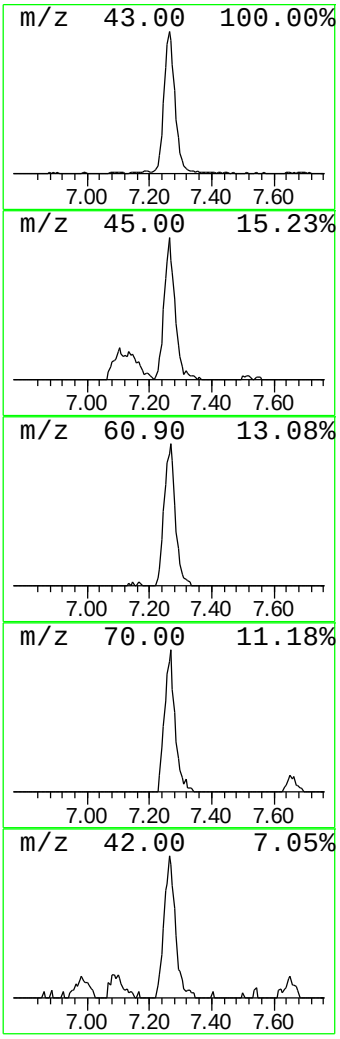
Peak Number 4 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	8.33 ug/L	82883	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2	Ethyl Acetate	88	C4H8O2	000141-78-6	90
3	Ethyl Acetate	88	C4H8O2	000141-78-6	90
4	Ethyl Acetate	88	C4H8O2	000141-78-6	90
5	CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072720\
Data File : VW015965.D
Acq On : 27 Jul 2020 12:32
Operator : SY/VA
Sample : L3458-04
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY32

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis

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

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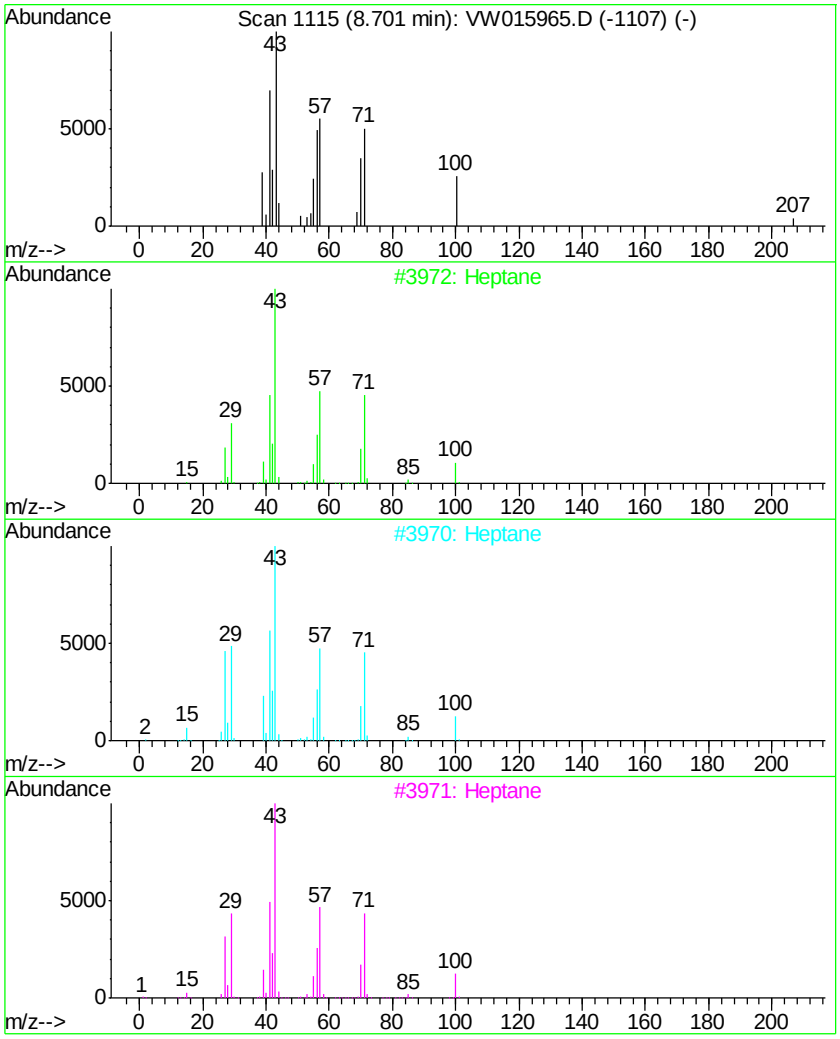
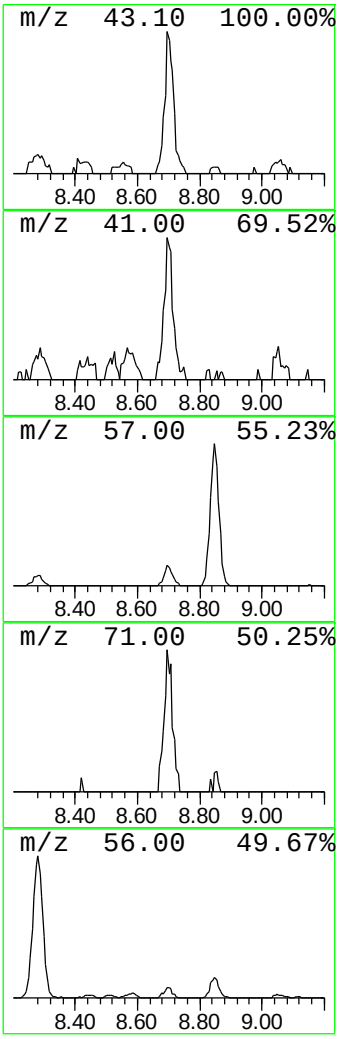
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	1.32 ug/L	13143	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	72
2	Heptane	100	C7H16	000142-82-5	72
3	Heptane	100	C7H16	000142-82-5	72
4	Heptane	100	C7H16	000142-82-5	53
5	Hydroxylamine, O-(2-methylpropyl)-	89	C4H11NO	005618-62-2	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072720\
Data File : VW015965.D
Acq On : 27 Jul 2020 12:32
Operator : SY/VA
Sample : L3458-04
Misc : 5.73G/10ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAY32

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.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
(DEL) Alkane: Str...	3.04	2.9	ug/L	28422	1	8.85	248636	25.0
(DEL) Alkane: Str...	3.39	2.3	ug/L	22684	1	8.85	248636	25.0
(DEL) Alkane: Str...	5.95	1.6	ug/L	16452	1	8.85	248636	25.0
Ethyl Acetate	7.26	8.3	ug/L	82883	1	8.85	248636	25.0
(DEL) Alkane: Str...	8.70	1.3	ug/L	13143	1	8.85	248636	25.0