LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
Data File : VW009560.D
Acq On : 29 Mar 2019 02:40
Operator : SY/VA
Sample : K2149-01
Misc : 2.33G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5G7

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\SOM2WLM031419S.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	2.148	36	40	47	rBV2	3964	8672	0.60%	0.073%
2	2.312	63	67	69	rBV2	19350	28245	1.95%	0.237%
3	2.355	69	74	84	rVB	82901	188784	13.01%	1.584%
4	2.635	113	120	124	rBV8	9956	26338	1.82%	0.221%
5	2.891	155	162	175	rVB	79641	216386	14.92%	1.815%
6	3.397	242	245	255	rVB4	14700	32375	2.23%	0.272%
7	3.849	310	319	324	rBV5	9097	26634	1.84%	0.223%
8	4.013	335	346	359	rBV2	143807	493624	34.03%	4.141%
9	4.367	400	404	405	rVV4	2346	3542	0.24%	0.030%
10	4.391	405	408	416	rVV6	4567	10167	0.70%	0.085%
11	4.586	436	440	441	rBV4	1496	1948	0.13%	0.016%
12	4.617	443	445	450	rVB5	1475	2058	0.14%	0.017%
13	4.659	450	452	456	rBV4	1977	2782	0.19%	0.023%
14	4.909	482	493	507	rBV2	36785	148484	10.24%	1.246%
15	5.159	532	534	537	rVV3	1397	1849	0.13%	0.016%
16	5.934	650	661	668	rBV4	16011	49225	3.39%	0.413%
17	7.080	839	849	855	rBV2	17129	56033	3.86%	0.470%
18	7.433	904	907	909	rBV3	1575	1660	0.11%	0.014%
19	7.452	909	910	916	rVB5	1461	1999	0.14%	0.017%
20	7.647	931	942	952	rBV	270655	668061	46.05%	5.604%
21	7.872	975	979	983	rBV5	897	1622	0.11%	0.014%
22	7.951	988	992	996	rVB5	1646	2943	0.20%	0.025%
23	8.073	1008	1012	1015	rVB4	1346	1861	0.13%	0.016%
24	8.275	1034	1045	1059	rBV2	468604	1450692	100.00%	12.170%
25	8.390	1062	1064	1071	rVB7	3066	5588	0.39%	0.047%
26	8.689	1109	1113	1116	rBV6	1227	2445	0.17%	0.021%
27	8.842	1129	1138	1148	rBV	475727	923855	63.68%	7.750%
28	9.031	1165	1169	1174	rBV6	3783	7833	0.54%	0.066%
29	9.274	1201	1209	1219	rBV	347958	713245	49.17%	5.983%
30	9.457	1235	1239	1242	rBV3	889	1485	0.10%	0.012%
31	9.750	1281	1287	1295	rBV5	5580	12139	0.84%	0.102%
32	9.890	1302	1310	1316	rBV2	17051	36940	2.55%	0.310%
33	10.030	1327	1333	1341	rBV	73587	131489	9.06%	1.103%
34	10.128	1347	1349	1355	rVB6	3055	5115	0.35%	0.043%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
Data File : VW009560.D
Acq On : 29 Mar 2019 02:40
Operator : SY/VA
Sample : K2149-01
Misc : 2.33G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5G7

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\SOM2WLM031419S.M
Title : VOC Analysis

35	10.213	1358	1363	1364	rBV4	2640	2917	0.20%	0.024%
36	10.250	1364	1369	1373	rVB5	5407	8464	0.58%	0.071%
37	10.323	1373	1381	1388	rBV	595271	1023571	70.56%	8.587%
38	10.396	1388	1393	1395	rVV3	24357	46173	3.18%	0.387%
39	10.427	1395	1398	1404	rVB3	34828	53665	3.70%	0.450%
40	10.481	1404	1407	1408	rBV3	1961	2141	0.15%	0.018%
41	10.573	1416	1422	1428	rBV	61943	109950	7.58%	0.922%
42	10.628	1428	1431	1435	rVV5	5046	7841	0.54%	0.066%
43	10.701	1438	1443	1447	rBV5	5049	9447	0.65%	0.079%
44	10.780	1451	1456	1462	rVB6	5333	9527	0.66%	0.080%
45	10.847	1463	1467	1468	rBV3	2626	2785	0.19%	0.023%
46	10.927	1473	1480	1491	rBV4	68477	171584	11.83%	1.439%
47	11.079	1500	1505	1507	rBV6	2662	4850	0.33%	0.041%
48	11.292	1532	1540	1544	rVB9	2863	7052	0.49%	0.059%
49	11.347	1544	1549	1551	rVB4	2075	2603	0.18%	0.022%
50	11.372	1551	1553	1556	rBV4	1562	1908	0.13%	0.016%
51	11.402	1556	1558	1562	rVB4	1471	1626	0.11%	0.014%
52	11.634	1588	1596	1604	rBV	592408	1010865	69.68%	8.480%
53	11.713	1604	1609	1617	rVB	38316	70056	4.83%	0.588%
54	11.835	1624	1629	1635	rBV3	8471	14695	1.01%	0.123%
55	12.067	1663	1667	1668	rBV3	1338	1763	0.12%	0.015%
56	12.170	1675	1684	1693	rBV5	16693	50261	3.46%	0.422%
57	12.268	1693	1700	1708	rVB	28586	51012	3.52%	0.428%
58	12.384	1714	1719	1720	rBV4	3232	4485	0.31%	0.038%
59	12.432	1724	1727	1732	rBV7	3605	6090	0.42%	0.051%
60	12.591	1747	1753	1762	rVB2	48345	88758	6.12%	0.745%
61	12.695	1762	1770	1776	rBV	252177	430358	29.67%	3.610%
62	12.762	1776	1781	1790	rVB3	19670	42328	2.92%	0.355%
63	12.835	1790	1793	1796	rBV4	4278	5295	0.36%	0.044%
64	12.896	1798	1803	1806	rBV3	9726	14652	1.01%	0.123%
65	12.932	1806	1809	1811	rBV3	7268	9782	0.67%	0.082%
66	13.121	1831	1840	1844	rBV	86355	144116	9.93%	1.209%
67	13.194	1844	1852	1860	rVB	91038	177795	12.26%	1.492%
68	13.310	1865	1871	1878	rBV	507126	748539	51.60%	6.279%
69	13.408	1878	1887	1893	rBV	153302	293715	20.25%	2.464%
70	13.481	1896	1899	1902	rVV5	6732	9920	0.68%	0.083%
71	13.560	1902	1912	1916	rVV	424706	709883	48.93%	5.955%

LSC Area Percent Report

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Operator : SY/VA
Sample : K2149-01
Misc : 2.33G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5G7

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\SOM2WLM031419S.M
Title : VOC Analysis

72	13.609	1916	1920	1924	rVV	157202	312613	21.55%	2.622%
73	13.652	1924	1927	1932	rVB2	94865	137750	9.50%	1.156%
74	13.767	1940	1946	1954	rBV2	60031	106608	7.35%	0.894%
75	13.853	1954	1960	1967	rBV	328876	556972	38.39%	4.672%
76	13.902	1967	1968	1973	rVB5	6516	7825	0.54%	0.066%
77	14.036	1986	1990	1993	rBV2	6321	10115	0.70%	0.085%
78	14.091	1993	1999	2002	rBV7	10006	24327	1.68%	0.204%
79	14.194	2013	2016	2017	rBV3	2204	2649	0.18%	0.022%
80	14.426	2052	2054	2056	rVB3	2080	1522	0.10%	0.013%
81	14.505	2063	2067	2075	rVB7	5732	12668	0.87%	0.106%
82	14.651	2089	2091	2092	rVV2	2579	1885	0.13%	0.016%
83	14.694	2094	2098	2101	rVV5	3813	6037	0.42%	0.051%
84	14.731	2101	2104	2108	rVB5	2582	3222	0.22%	0.027%
85	14.877	2126	2128	2131	rBV3	1295	1682	0.12%	0.014%
86	14.944	2136	2139	2144	rVB6	1939	3505	0.24%	0.029%
87	15.151	2171	2173	2178	rVB4	3732	3851	0.27%	0.032%
88	15.212	2182	2183	2186	rVB3	2067	1541	0.11%	0.013%
89	15.249	2186	2189	2190	rBV3	2061	2178	0.15%	0.018%
90	15.292	2194	2196	2201	rVB6	1892	2430	0.17%	0.020%
91	15.444	2213	2221	2226	rVV4	14178	32363	2.23%	0.271%
92	15.505	2227	2231	2239	rVV9	4011	8809	0.61%	0.074%
93	15.603	2243	2247	2248	rBV3	1928	2528	0.17%	0.021%
94	15.657	2254	2256	2258	rVB3	2184	1575	0.11%	0.013%
95	15.700	2259	2263	2266	rBV6	1329	2241	0.15%	0.019%
96	15.852	2282	2288	2294	rVB3	23621	46077	3.18%	0.387%
97	16.261	2351	2355	2357	rBV4	1471	1960	0.14%	0.016%
98	16.401	2375	2378	2379	rVV3	1321	1513	0.10%	0.013%
99	16.438	2382	2384	2388	rVV5	1376	1722	0.12%	0.014%
100	16.578	2402	2407	2412	rVB7	2906	5686	0.39%	0.048%

Sum of corrected areas: 11920444

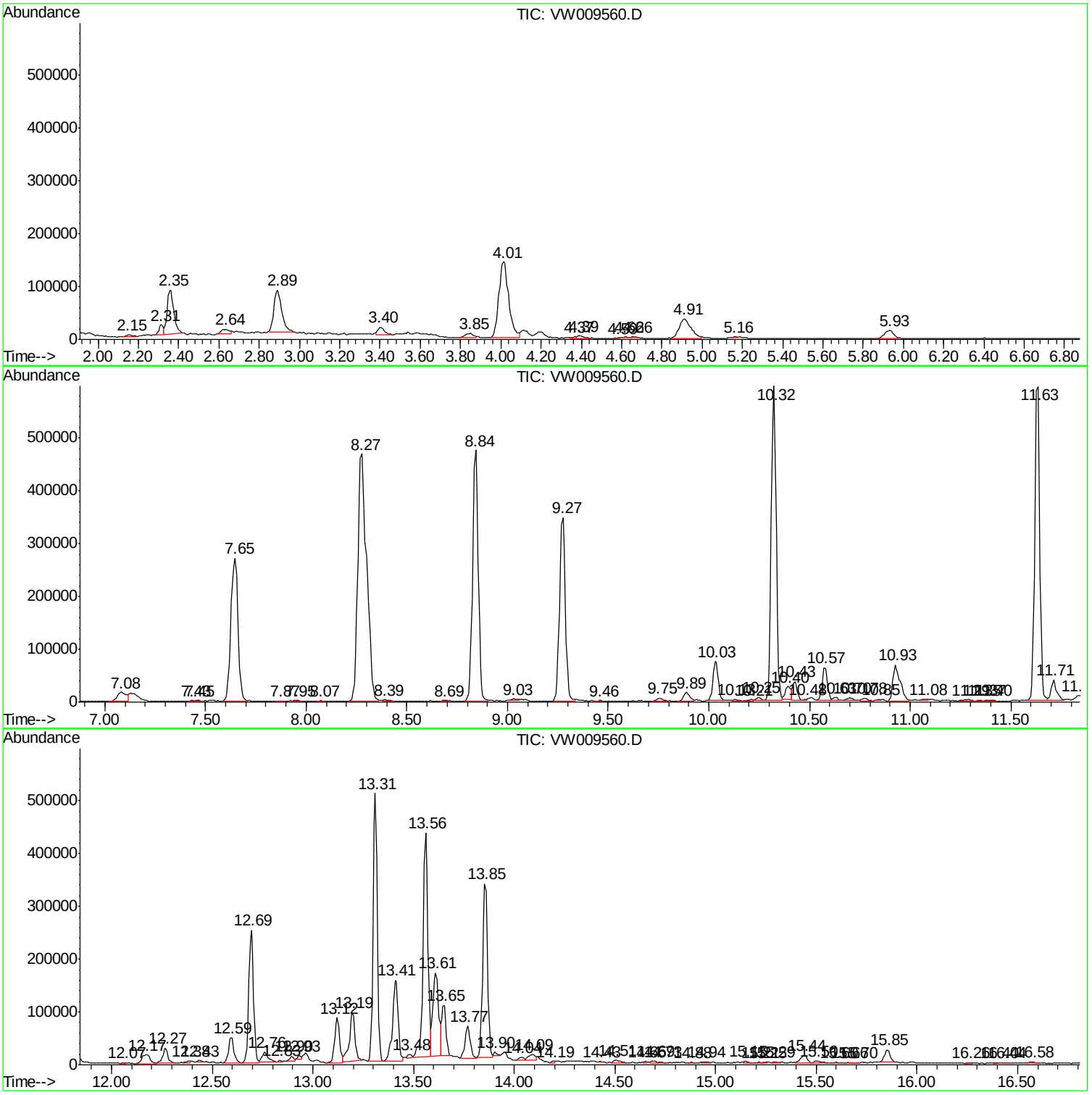
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
Data File : VW009560.D
Acq On : 29 Mar 2019 02:40
Operator : SY/VA
Sample : K2149-01
Misc : 2.33G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5G7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.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\VW032819\
Data File : VW009560.D
Acq On : 29 Mar 2019 02:40
Operator : SY/VA
Sample : K2149-01
Misc : 2.33G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5G7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

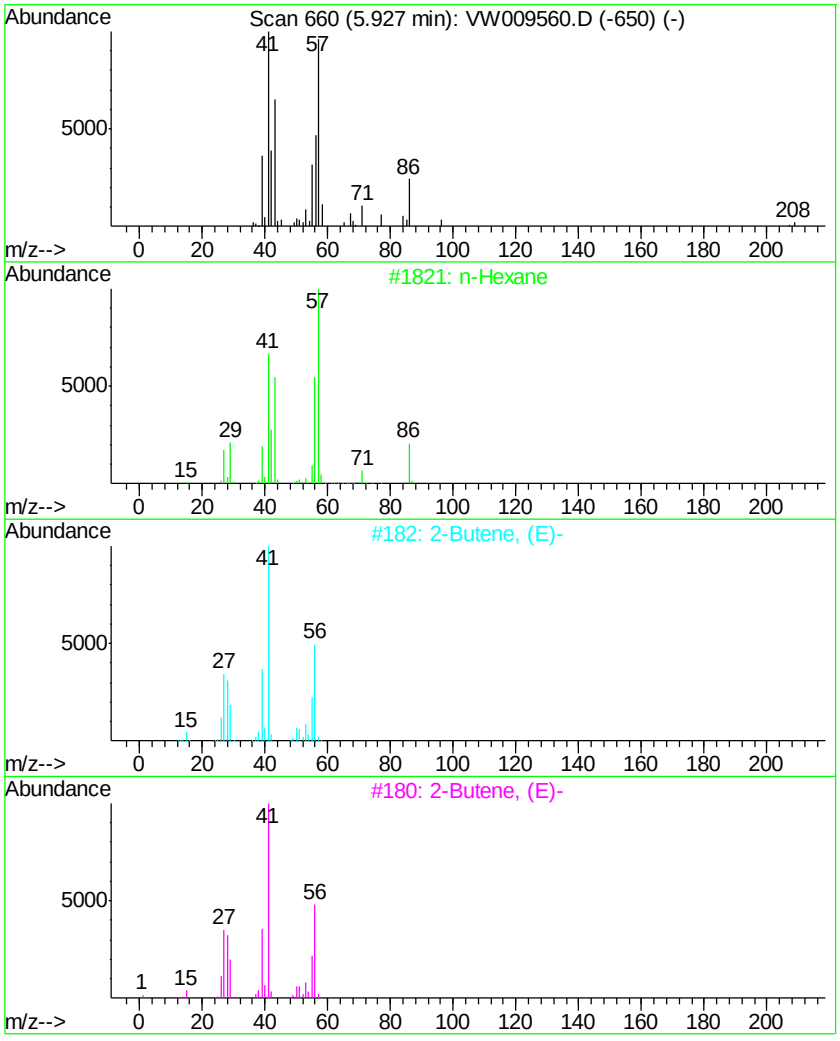
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

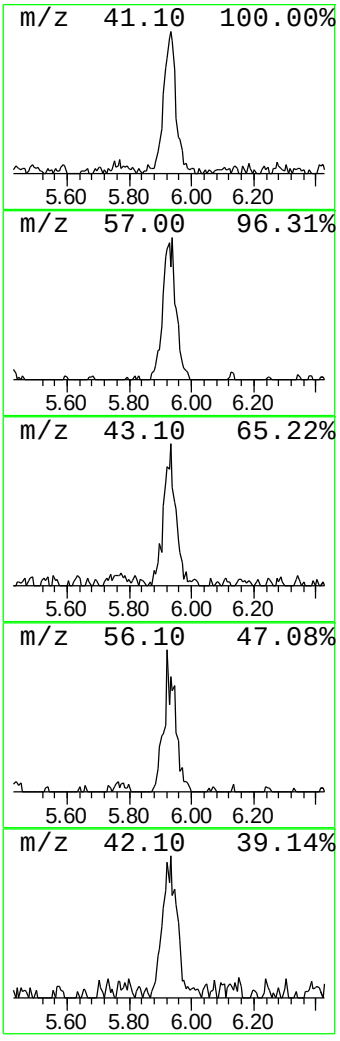
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	1.33 ug/L	49225	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	47
2	2-Butene, (E)-	56	C4H8	000624-64-6	43
3	2-Butene, (E)-	56	C4H8	000624-64-6	43
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	43
5	1-Butene	56	C4H8	000106-98-9	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
Data File : VW009560.D
Acq On : 29 Mar 2019 02:40
Operator : SY/VA
Sample : K2149-01
Misc : 2.33G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5G7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

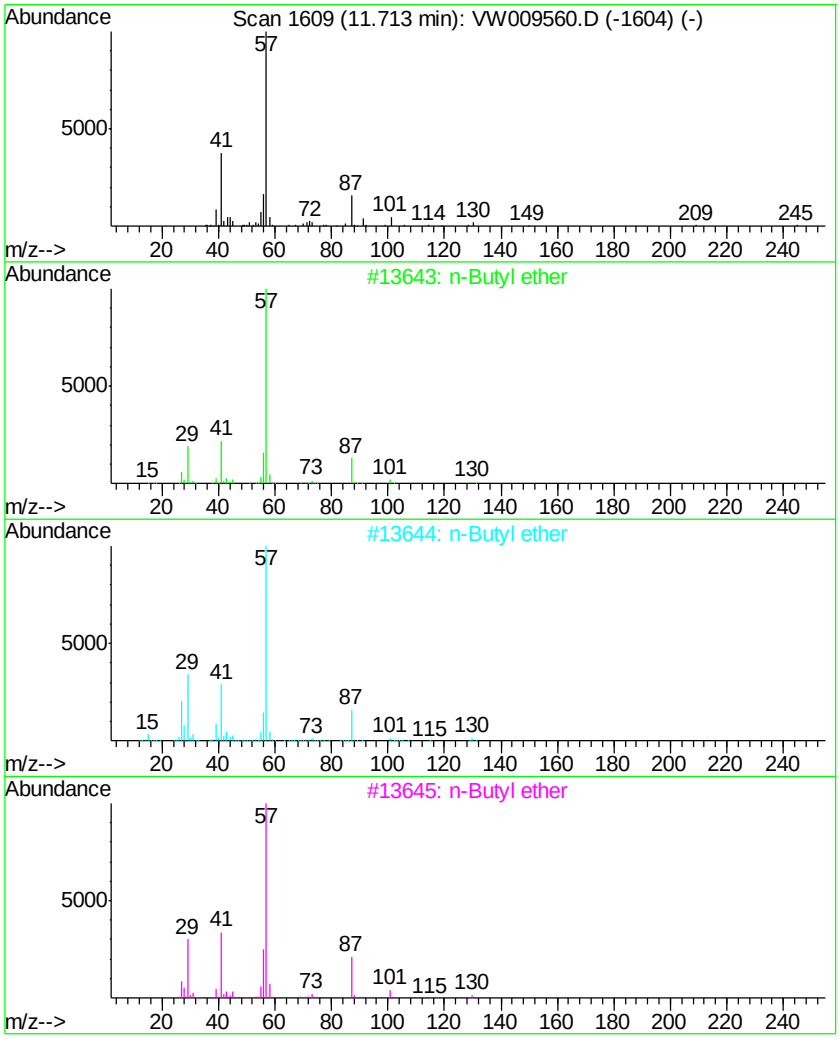
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

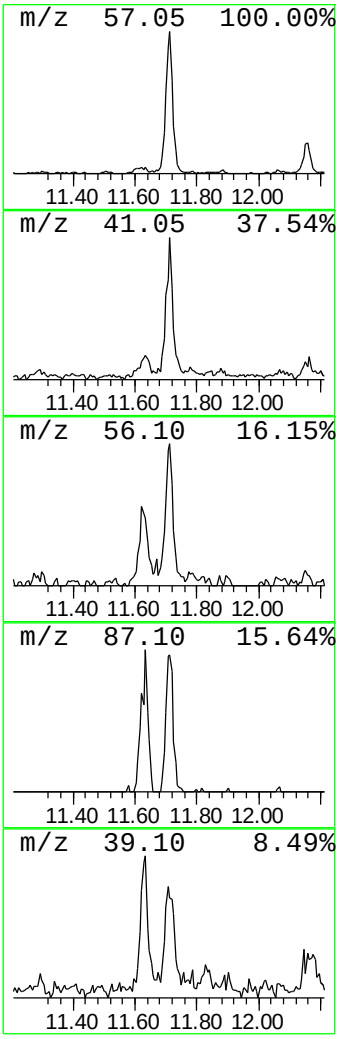
****

Peak Number 3 n-Butyl ether Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	1.73 ug/L	70056	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Butyl ether	130	C8H18O	000142-96-1	58
2	n-Butyl ether	130	C8H18O	000142-96-1	58
3	n-Butyl ether	130	C8H18O	000142-96-1	43
4	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	38
5	Butane, 1-butoxy-2-methyl-	144	C9H20O	062238-03-3	38





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
Data File : VW009560.D
Acq On : 29 Mar 2019 02:40
Operator : SY/VA
Sample : K2149-01
Misc : 2.33G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5G7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

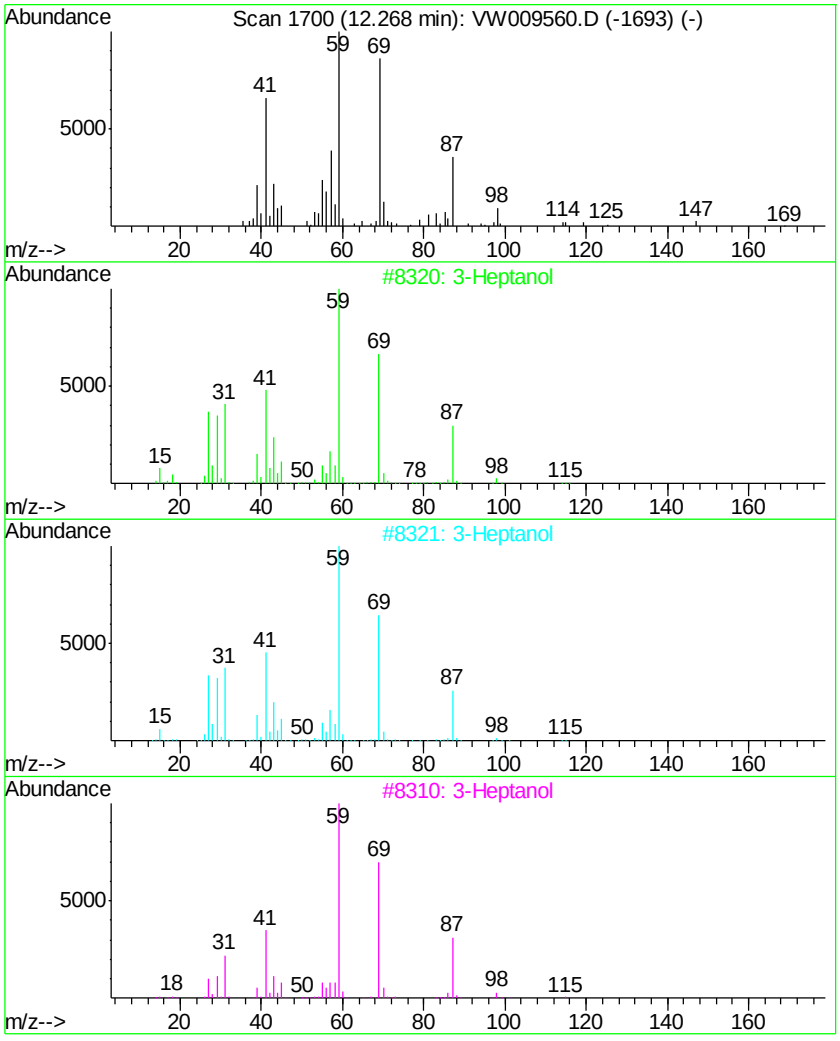
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

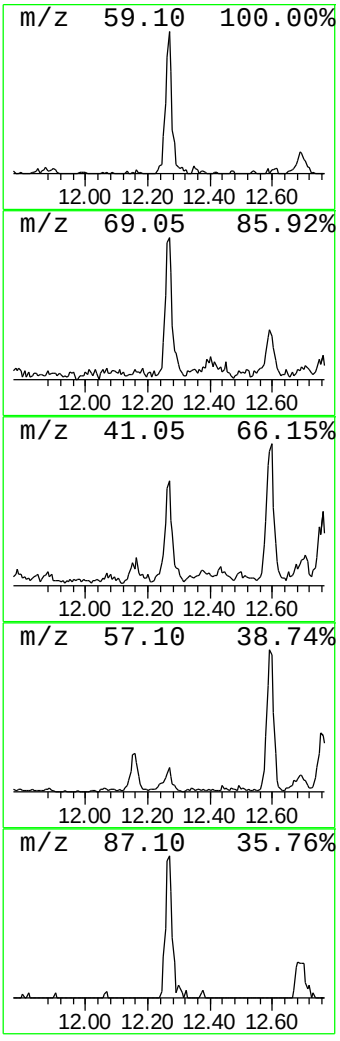
****

Peak Number 4 3-Heptanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	1.26 ug/L	51012	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanol	116	C7H16O	000589-82-2	78
2	3-Heptanol	116	C7H16O	000589-82-2	78
3	3-Heptanol	116	C7H16O	000589-82-2	78
4	3-Heptanol	116	C7H16O	000589-82-2	64
5	3-Decanol	158	C10H22O	001565-81-7	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
Data File : VW009560.D
Acq On : 29 Mar 2019 02:40
Operator : SY/VA
Sample : K2149-01
Misc : 2.33G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5G7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

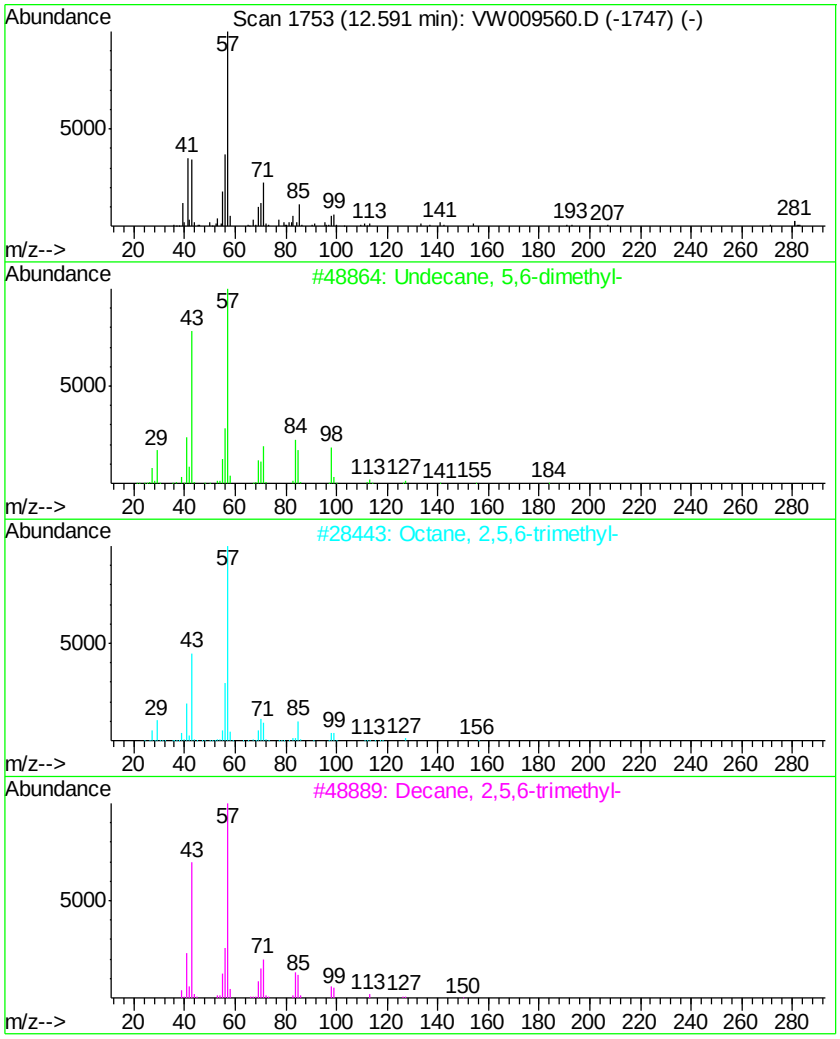
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

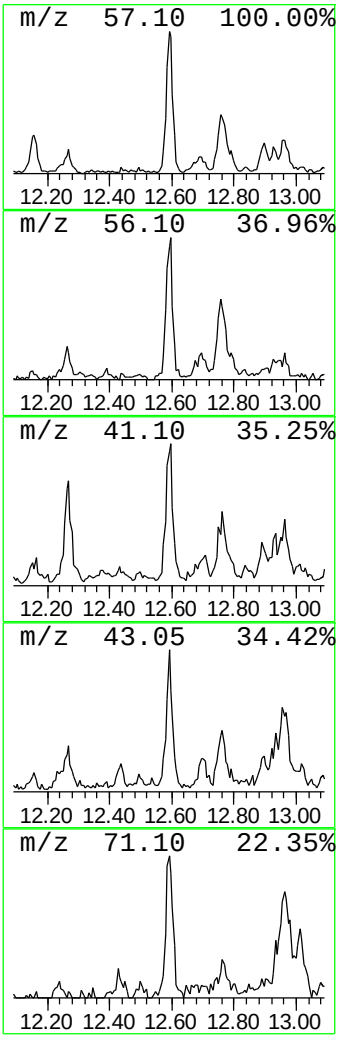
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	2.20 ug/L	88758	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	64
2	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	59
3	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	59
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
Data File : VW009560.D
Acq On : 29 Mar 2019 02:40
Operator : SY/VA
Sample : K2149-01
Misc : 2.33G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5G7

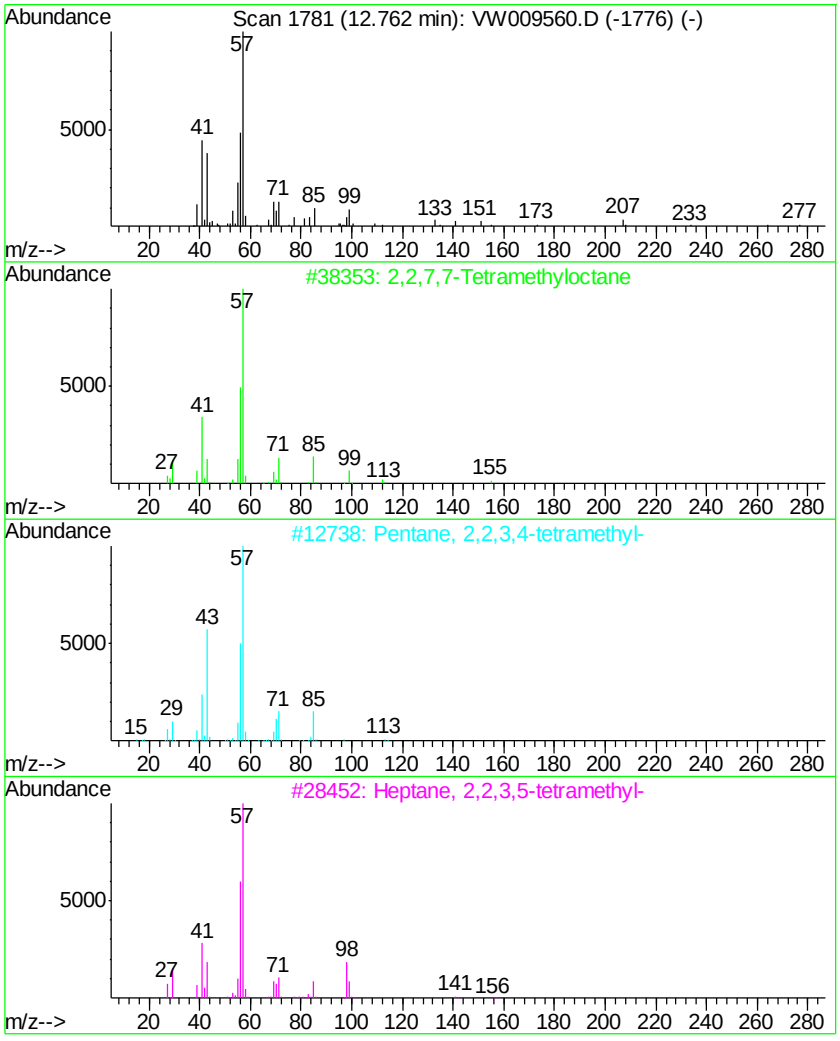
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

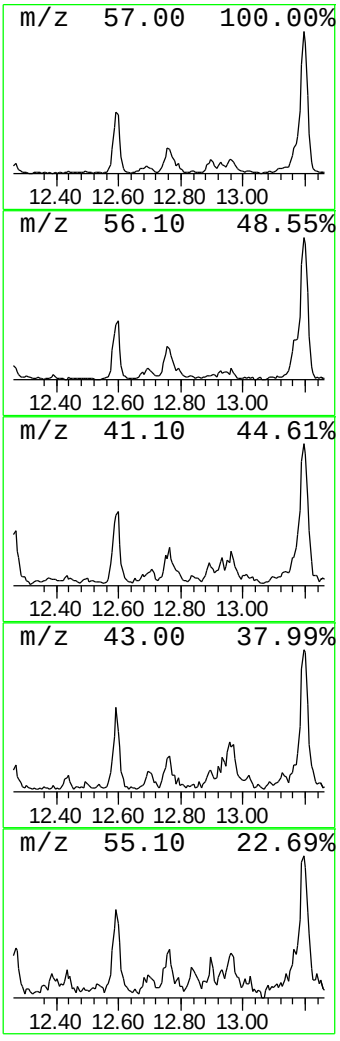
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	1.49 ug/L	42328	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	64
2	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
3	Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	50
4	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	50
5	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	42





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
Data File : VW009560.D
Acq On : 29 Mar 2019 02:40
Operator : SY/VA
Sample : K2149-01
Misc : 2.33G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5G7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

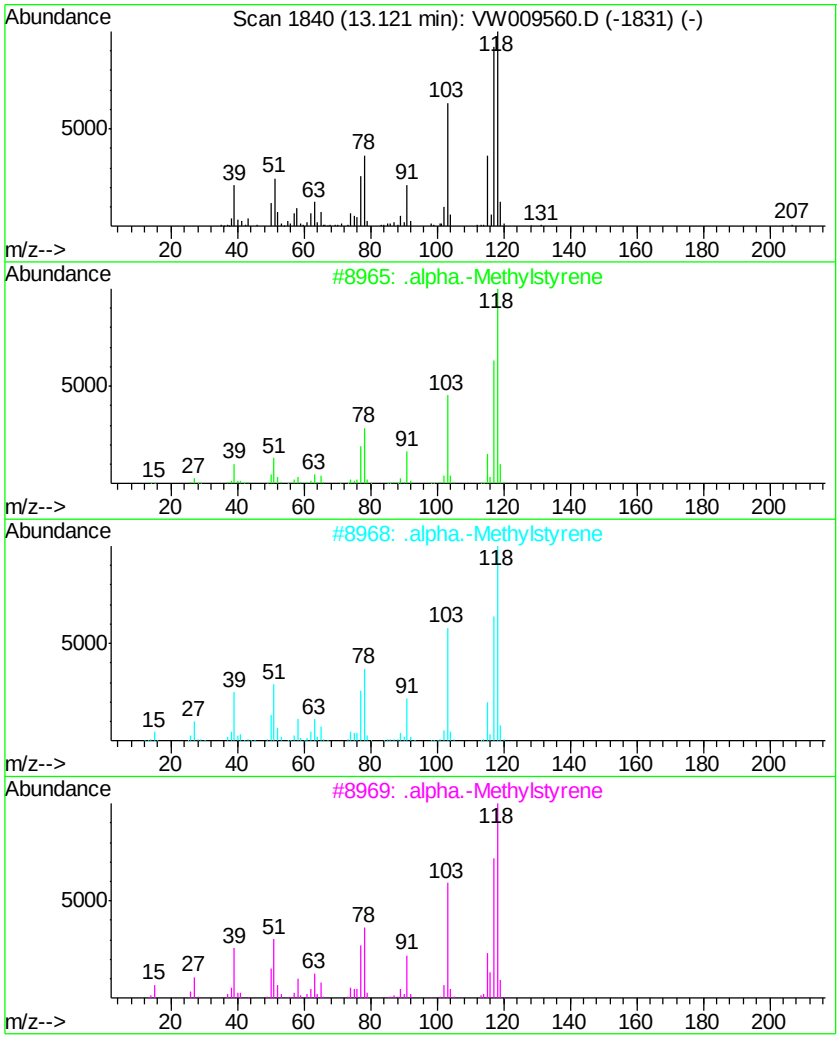
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

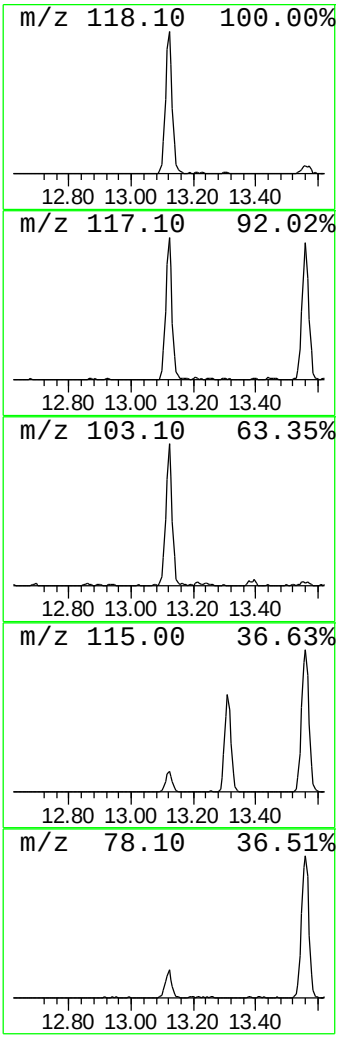
****

Peak Number 7 .alpha.-Methylstyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	5.08 ug/L	144116	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methylstyrene	118	C9H10	000098-83-9	97
2	.alpha.-Methylstyrene	118	C9H10	000098-83-9	95
3	.alpha.-Methylstyrene	118	C9H10	000098-83-9	89
4	Indane	118	C9H10	000496-11-7	53
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	53





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Data File : VW009560.D
Acq On : 29 Mar 2019 02:40
Operator : SY/VA
Sample : K2149-01
Misc : 2.33G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5G7

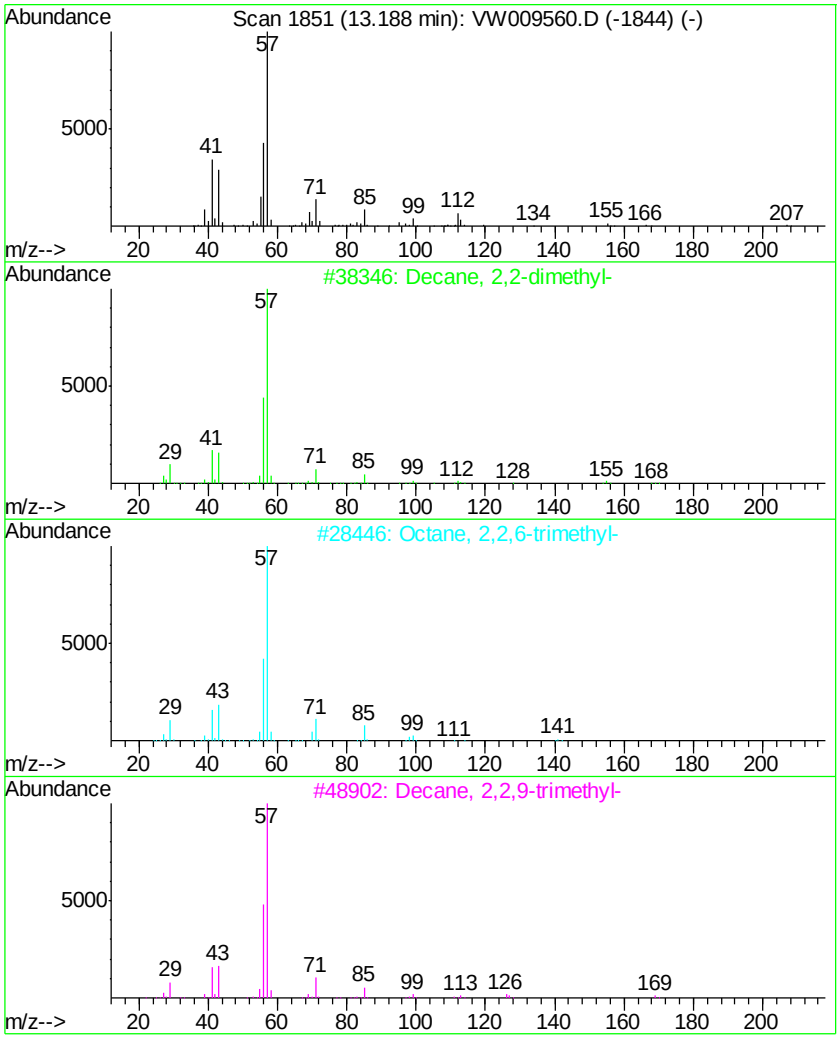
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

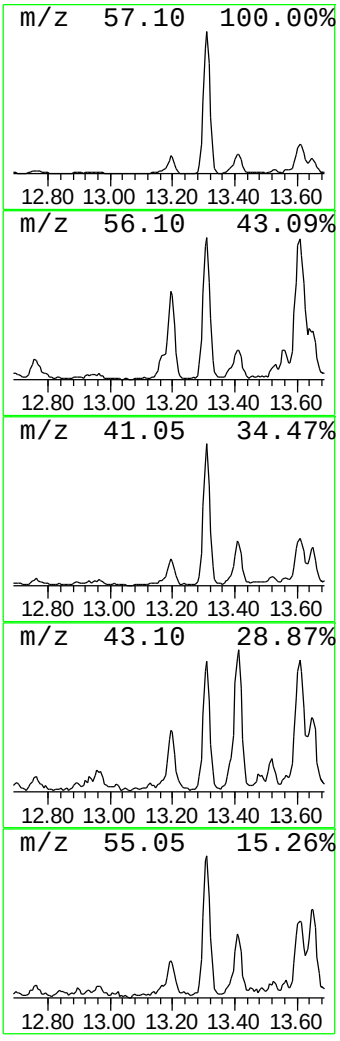
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	6.26 ug/L	177795	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	72
2	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	64
3	Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	64
4	Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	59
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59





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Data File : VW009560.D
Acq On : 29 Mar 2019 02:40
Operator : SY/VA
Sample : K2149-01
Misc : 2.33G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5G7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

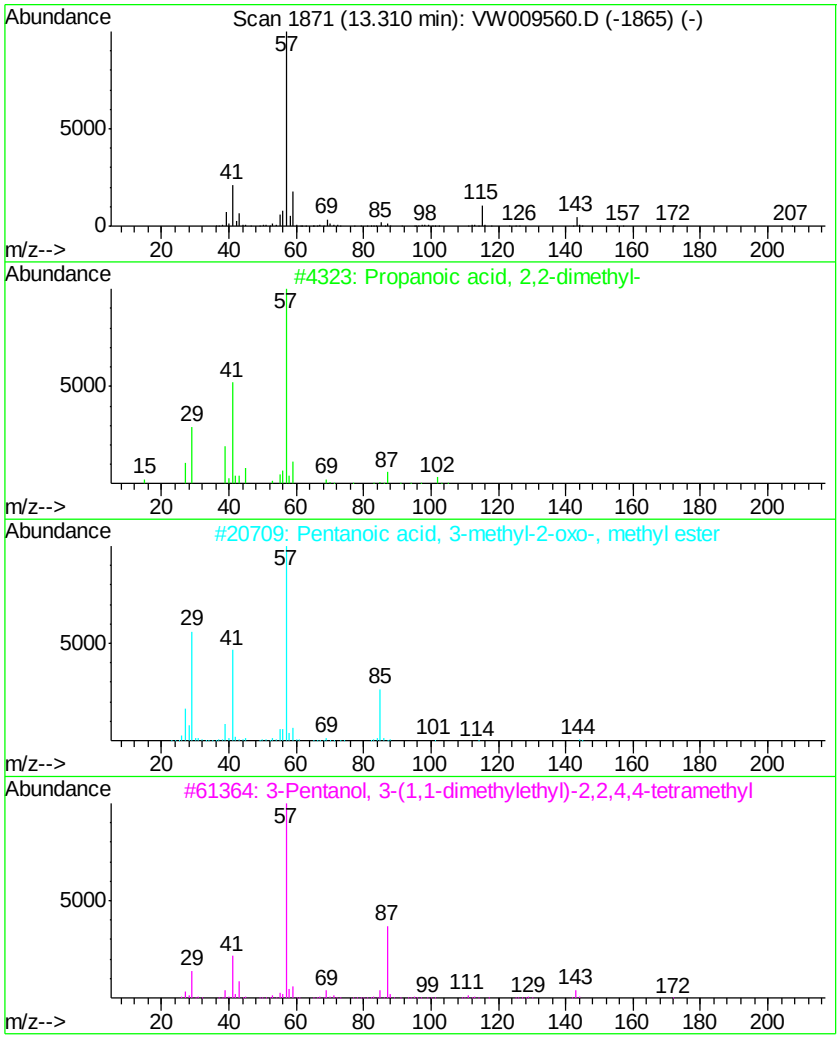
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

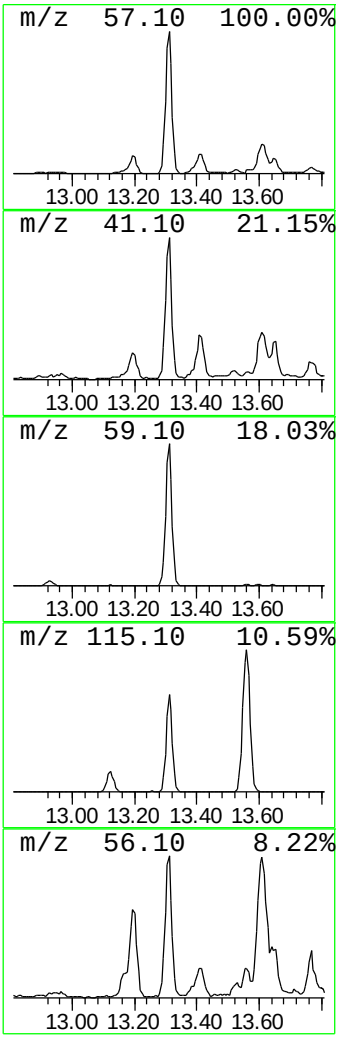
****

Peak Number 9 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	26.36 ug/L	748539	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	40
2	Pentanoic acid, 3-methyl-2-oxo-,...	144	C7H12O3	003682-42-6	38
3	3-Pentanol, 3-(1,1-dimethylethyl...	200	C13H28O	041902-42-5	38
4	di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	37
5	Propanoic acid, 2-propenyl ester	114	C6H10O2	002408-20-0	32





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
Data File : VW009560.D
Acq On : 29 Mar 2019 02:40
Operator : SY/VA
Sample : K2149-01
Misc : 2.33G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5G7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

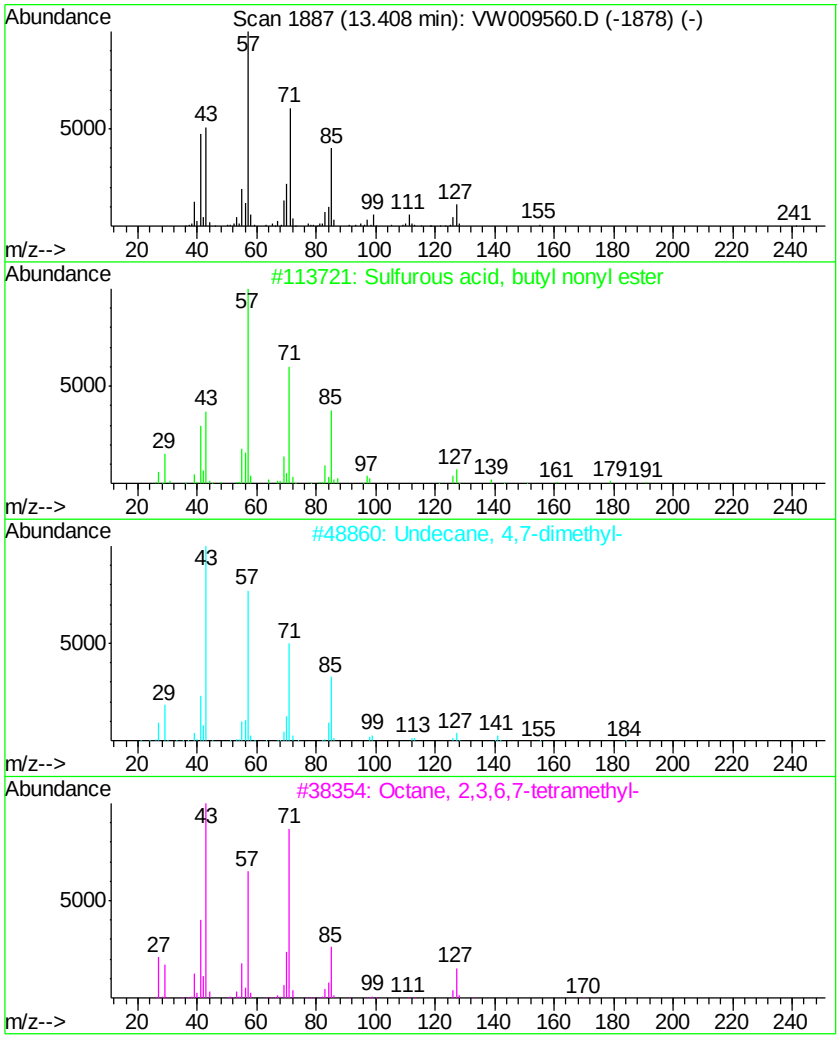
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

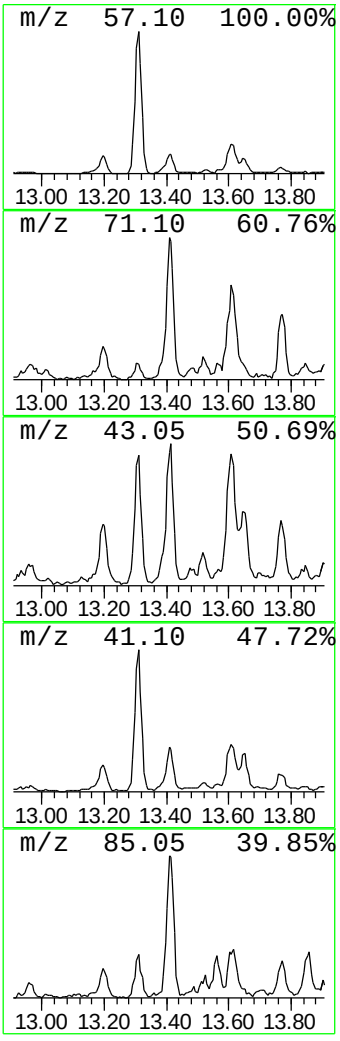
****

Peak Number 10 Sulfurous acid, butyl nonyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	10.34 ug/L	293715	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	72
2	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	53
3	Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	50
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	50
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
Data File : VW009560.D
Acq On : 29 Mar 2019 02:40
Operator : SY/VA
Sample : K2149-01
Misc : 2.33G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5G7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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

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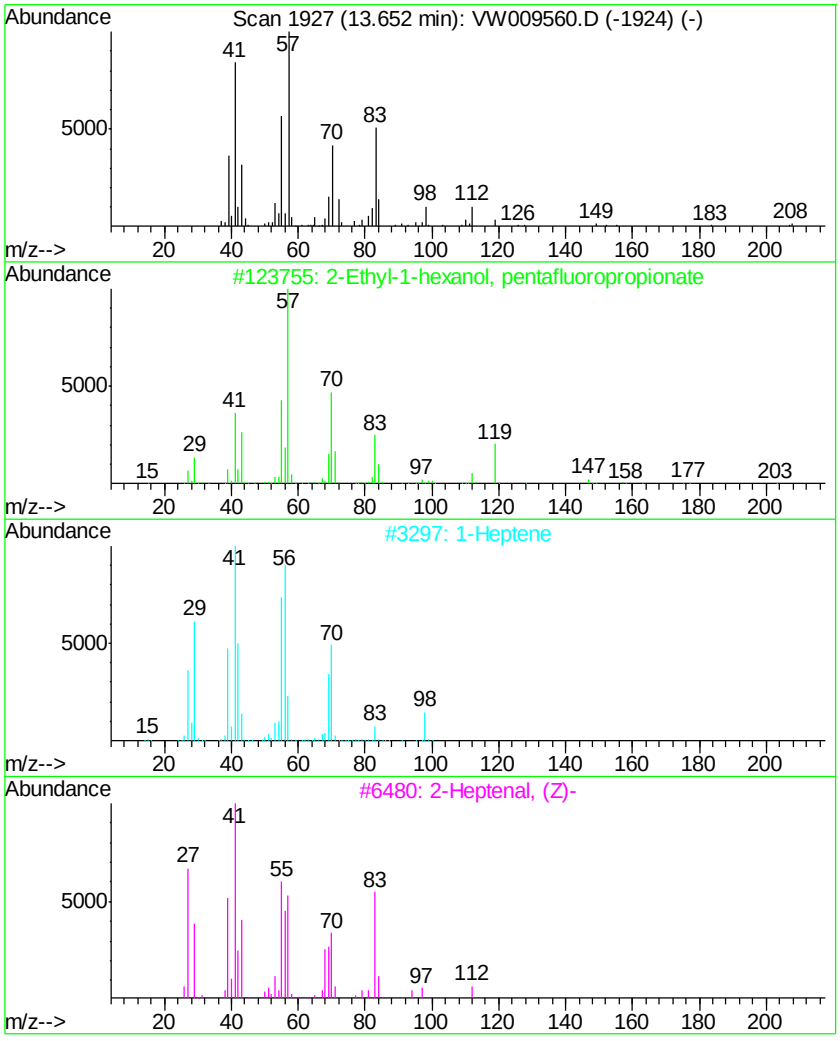
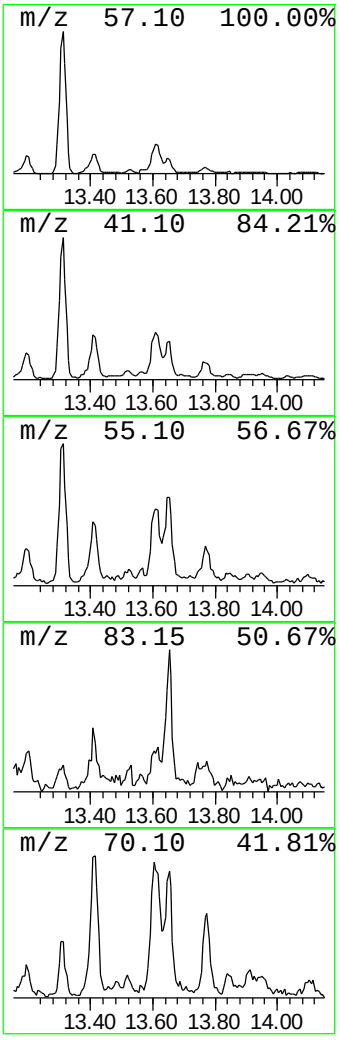
Peak Number 11 2-Ethyl-1-hexanol, pentaflu... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	4.85 ug/L	137750	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-1-hexanol, pentafluoropr...	276	C11H17F5O2	1000365-51-1	50
2	1-Heptene	98	C7H14	000592-76-7	38
3	2-Heptenal, (Z)-	112	C7H12O	057266-86-1	38
4	Glycine, N-cyclobutylcarbonyl-, ...	171	C8H13NO3	1000282-53-9	35
5	Carbonic acid, butyl octyl ester	230	C13H26O3	1000314-63-5	27





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
Data File : VW009560.D
Acq On : 29 Mar 2019 02:40
Operator : SY/VA
Sample : K2149-01
Misc : 2.33G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5G7

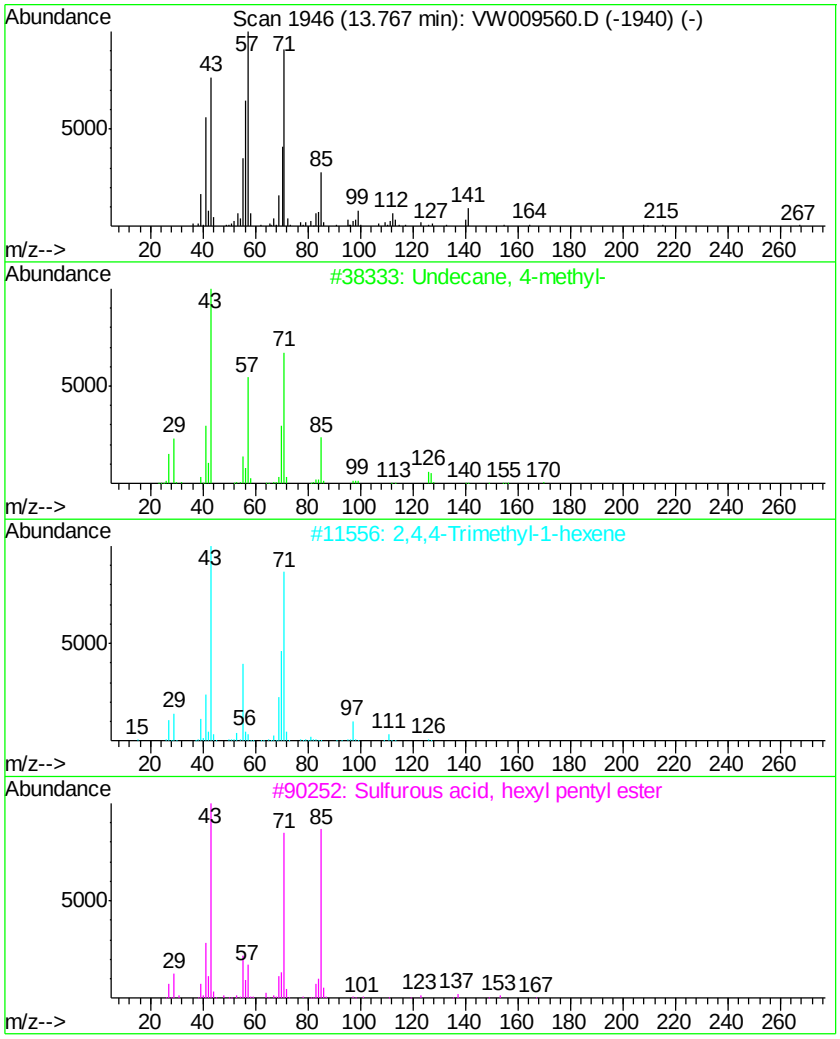
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

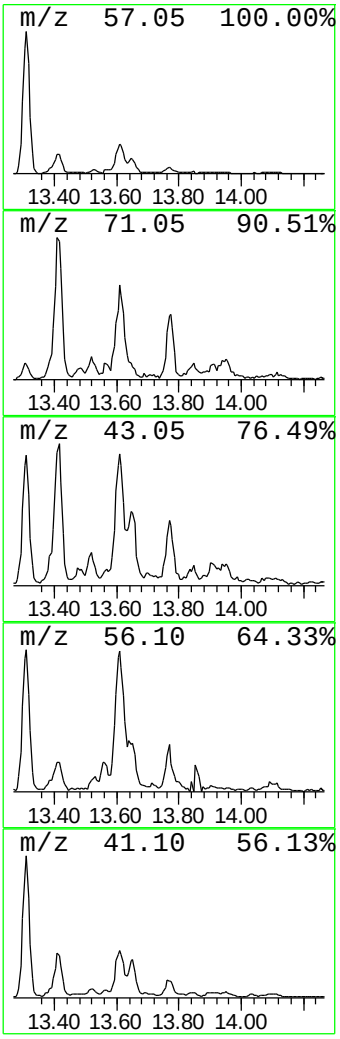
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	3.75 ug/L	106608	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-methyl-	170	C12H26	002980-69-0	50
2	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	46
3	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	43
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	43
5	1-Hexene, 3,4,5-trimethyl-	126	C9H18	056728-10-0	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
Data File : VW009560.D
Acq On : 29 Mar 2019 02:40
Operator : SY/VA
Sample : K2149-01
Misc : 2.33G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5G7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

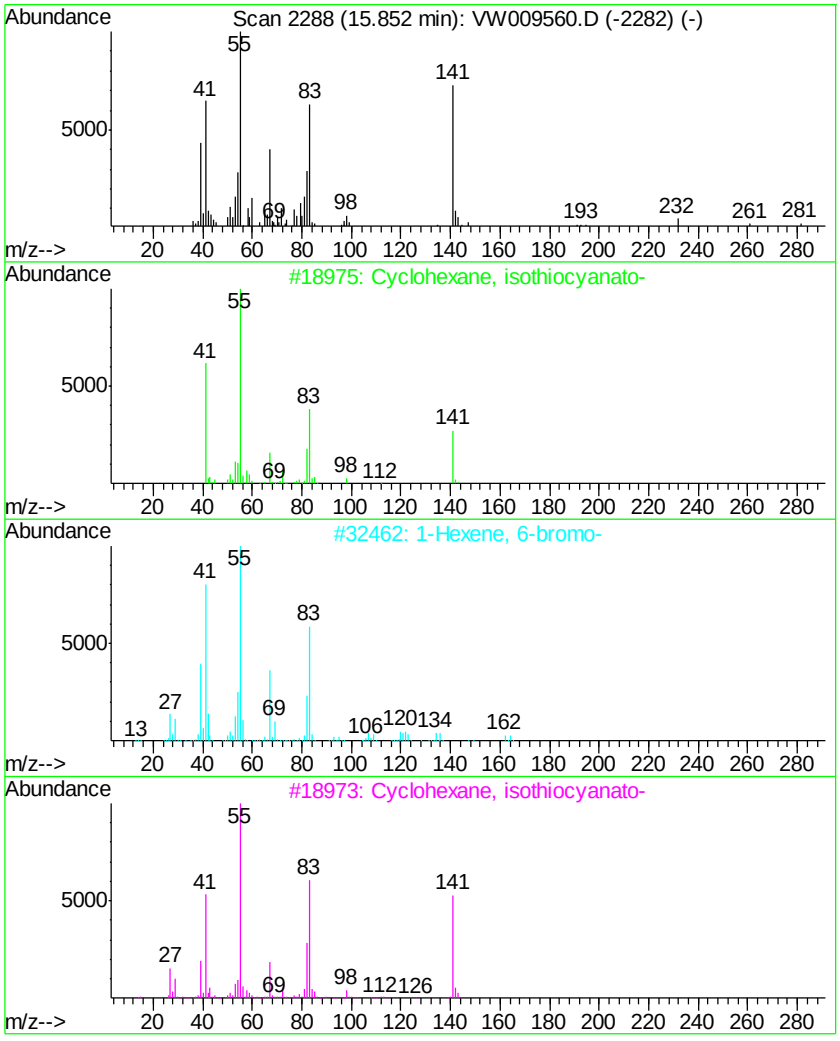
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

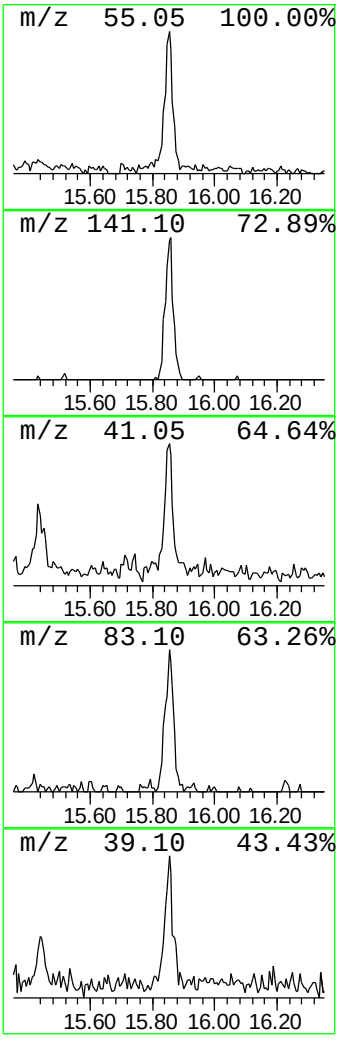
****

Peak Number 13 Cyclohexane, isothiocyanato- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	1.62 ug/L	46077	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, isothiocyanato-	141	C7H11NS	001122-82-3	64
2	1-Hexene, 6-bromo-	162	C6H11Br	002695-47-8	53
3	Cyclohexane, isothiocyanato-	141	C7H11NS	001122-82-3	49
4	1-Hexene, 6-bromo-	162	C6H11Br	002695-47-8	42
5	3-Hexen-1-ol, 2,5-dimethyl-, for...	156	C9H16O2	1000132-12-3	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032819\
Data File : VW009560.D
Acq On : 29 Mar 2019 02:40
Operator : SY/VA
Sample : K2149-01
Misc : 2.33G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5G7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.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...	5.93	1.3	ug/L	49225	1	8.84	923855	25.0
n-Butyl ether	11.71	1.7	ug/L	70056	2	11.63	1010870	25.0
3-Heptanol	12.27	1.3	ug/L	51012	2	11.63	1010870	25.0
(DEL) Alkane: Str...	12.59	2.2	ug/L	88758	2	11.63	1010870	25.0
(DEL) Alkane: Str...	12.76	1.5	ug/L	42328	3	13.56	709883	25.0
.alpha.-Methylsty...	13.12	5.1	ug/L	144116	3	13.56	709883	25.0
(DEL) Alkane: Str...	13.19	6.3	ug/L	177795	3	13.56	709883	25.0
unknown-01	13.31	26.4	ug/L	748539	3	13.56	709883	25.0
Sulfurous acid, b...	13.41	10.3	ug/L	293715	3	13.56	709883	25.0
2-Ethyl-1-hexanol...	13.65	4.8	ug/L	137750	3	13.56	709883	25.0
(DEL) Alkane: Str...	13.77	3.8	ug/L	106608	3	13.56	709883	25.0
Cyclohexane, isot...	15.85	1.6	ug/L	46077	3	13.56	709883	25.0