LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW082718\
Data File : VW004966.D
Acq On : 27 Aug 2018 14:02
Operator : SY/AP
Sample : J4650-05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAB82

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\SOM2WLM082218S.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	1.795	28	34	50	rVB	1931582	3140663	100.00%	6.712%
2	1.959	58	61	75	rVB2	12643	36914	1.18%	0.079%
3	2.160	89	94	97	rBV	28767	39011	1.24%	0.083%
4	2.215	97	103	110	rVV	247889	379632	12.09%	0.811%
5	2.349	118	125	136	rBV	202688	334561	10.65%	0.715%
6	2.776	189	195	206	rBV	104653	192045	6.11%	0.410%
7	2.880	206	212	229	rVB	146626	301254	9.59%	0.644%
8	3.264	264	275	285	rVB	165681	383977	12.23%	0.821%
9	3.392	289	296	305	rVB3	7269	18912	0.60%	0.040%
10	3.837	359	369	383	rBV3	17222	52140	1.66%	0.111%
11	4.032	388	401	412	rVV3	353547	1160788	36.96%	2.481%
12	4.148	412	420	435	rVV	40151	131195	4.18%	0.280%
13	4.684	497	508	525	rBV	78307	234191	7.46%	0.501%
14	4.928	533	548	567	rBV	154016	494969	15.76%	1.058%
15	5.135	574	582	596	rVB4	3714	13198	0.42%	0.028%
16	5.434	614	631	647	rBV	389217	1296637	41.29%	2.771%
17	5.757	675	684	695	rVB8	3645	10911	0.35%	0.023%
18	5.952	708	716	723	rVB7	4010	11076	0.35%	0.024%
19	7.092	895	903	907	rBV	65558	173645	5.53%	0.371%
20	7.172	907	916	931	rVV2	316709	992651	31.61%	2.122%
21	7.519	962	973	985	rBV2	142337	362617	11.55%	0.775%
22	7.653	985	995	1009	rVV	235029	598714	19.06%	1.280%
23	7.879	1021	1032	1038	rBV	135410	340882	10.85%	0.729%
24	7.958	1038	1045	1055	rVV2	384805	950713	30.27%	2.032%
25	8.074	1055	1064	1075	rVB	156714	386801	12.32%	0.827%
26	8.281	1087	1098	1111	rVV2	600260	1781183	56.71%	3.807%
27	8.409	1111	1119	1127	rVV	84809	190186	6.06%	0.406%
28	8.665	1158	1161	1162	rBV3	1326	1269	0.04%	0.003%
29	8.690	1162	1165	1173	rVB9	2765	6080	0.19%	0.013%
30	8.848	1182	1191	1211	rBV	602451	1197727	38.14%	2.560%
31	9.098	1221	1232	1249	rBV	850488	1679016	53.46%	3.588%
32	9.281	1252	1262	1266	rBV	366179	726123	23.12%	1.552%
33	9.342	1266	1272	1287	rVB2	843166	2087172	66.46%	4.461%
34	9.476	1287	1294	1309	rVB2	45978	124243	3.96%	0.266%

LSC Area Percent Report

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Operator : SY/AP
Sample : J4650-05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAB82

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\SOM2WLM082218S.M
Title : VOC Analysis

35	9.653	1311	1323	1329	rBV	249123	486806	15.50%	1.040%
36	9.757	1339	1340	1346	rVB6	1770	2622	0.08%	0.006%
37	9.903	1354	1364	1370	rVB5	4484	10773	0.34%	0.023%
38	10.043	1373	1387	1389	rBV	203136	366580	11.67%	0.783%
39	10.080	1389	1393	1401	rVV	290743	524358	16.70%	1.121%
40	10.147	1401	1404	1412	rVB4	5713	12391	0.39%	0.026%
41	10.220	1412	1416	1419	rBV4	1641	2794	0.09%	0.006%
42	10.256	1419	1422	1426	rVB3	2252	3418	0.11%	0.007%
43	10.330	1426	1434	1439	rBV	1007323	1756880	55.94%	3.755%
44	10.397	1439	1445	1461	rVB	1024988	1880286	59.87%	4.019%
45	10.586	1469	1476	1490	rVB4	190574	552101	17.58%	1.180%
46	10.714	1490	1497	1502	rBV	150374	371493	11.83%	0.794%
47	10.866	1514	1522	1528	rBV	1308899	2245852	71.51%	4.800%
48	10.933	1528	1533	1536	rVV	313515	509190	16.21%	1.088%
49	10.976	1536	1540	1546	rVB	280591	450915	14.36%	0.964%
50	11.067	1551	1555	1560	rVV	64408	113401	3.61%	0.242%
51	11.134	1560	1566	1572	rVV	238832	425604	13.55%	0.910%
52	11.183	1572	1574	1580	rVB2	11062	13773	0.44%	0.029%
53	11.342	1597	1600	1601	rBV3	1141	1319	0.04%	0.003%
54	11.409	1604	1611	1613	rBV4	5474	9024	0.29%	0.019%
55	11.445	1613	1617	1624	rVB	17789	30207	0.96%	0.065%
56	11.634	1637	1648	1658	rBV	928252	1620538	51.60%	3.464%
57	11.738	1658	1665	1676	rVV	924644	1489444	47.42%	3.183%
58	11.854	1676	1684	1694	rVV	615079	990571	31.54%	2.117%
59	12.171	1727	1736	1749	rBV	718946	1163857	37.06%	2.487%
60	12.341	1760	1764	1766	rBV4	1383	2094	0.07%	0.004%
61	12.469	1778	1785	1798	rBV	808174	1307957	41.65%	2.795%
62	12.616	1803	1809	1816	rVV	153731	269972	8.60%	0.577%
63	12.701	1816	1823	1827	rVV	394806	678571	21.61%	1.450%
64	12.750	1827	1831	1843	rVV	886074	1491253	47.48%	3.187%
65	12.847	1843	1847	1849	rVV3	2939	4114	0.13%	0.009%
66	12.872	1849	1851	1858	rVV6	1798	3993	0.13%	0.009%
67	12.939	1858	1862	1870	rVB2	10187	17264	0.55%	0.037%
68	13.018	1870	1875	1876	rBV4	2832	3594	0.11%	0.008%
69	13.043	1877	1879	1883	rVB3	3810	4784	0.15%	0.010%
70	13.201	1899	1905	1909	rBV8	1377	2656	0.08%	0.006%
71	13.292	1912	1920	1921	rBV7	2440	4969	0.16%	0.011%

LSC Area Percent Report

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Operator : SY/AP
Sample : J4650-05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAB82

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\SOM2WLM082218S.M
Title : VOC Analysis

72	13.305	1921	1922	1929	rVB3	4222	4745	0.15%	0.010%
73	13.414	1933	1940	1947	rBV5	3485	7000	0.22%	0.015%
74	13.506	1947	1955	1960	rBV	972554	1570446	50.00%	3.356%
75	13.567	1960	1965	1972	rVB	1117411	1747889	55.65%	3.736%
76	13.652	1977	1979	1985	rVB6	3149	5092	0.16%	0.011%
77	13.768	1992	1998	2002	rBV6	3611	6900	0.22%	0.015%
78	13.866	2006	2014	2026	rVB3	1183077	2394239	76.23%	5.117%
79	14.079	2038	2049	2059	rVB2	44752	84623	2.69%	0.181%
80	14.207	2066	2070	2075	rVB7	1654	3469	0.11%	0.007%
81	14.341	2083	2092	2101	rBV3	9297	21890	0.70%	0.047%
82	14.493	2111	2117	2131	rVB	136246	224410	7.15%	0.480%
83	14.640	2133	2141	2150	rVV	1204981	1961797	62.46%	4.193%
84	14.713	2150	2153	2154	rVV3	2331	2696	0.09%	0.006%
85	14.737	2154	2157	2164	rVV7	3873	5593	0.18%	0.012%
86	14.847	2170	2175	2178	rBV6	1071	1953	0.06%	0.004%
87	15.140	2221	2223	2226	rVV3	1851	1902	0.06%	0.004%
88	15.195	2228	2232	2241	rVB10	4022	6280	0.20%	0.013%
89	15.359	2252	2259	2263	rBV8	2241	5428	0.17%	0.012%
90	15.451	2269	2274	2279	rBV	13044	21170	0.67%	0.045%
91	15.512	2279	2284	2290	rVV	17961	33839	1.08%	0.072%
92	15.560	2290	2292	2299	rVB7	2980	5775	0.18%	0.012%
93	15.652	2305	2307	2311	rBV3	860	1196	0.04%	0.003%
94	15.713	2311	2317	2320	rBV7	1874	3469	0.11%	0.007%
95	15.865	2339	2342	2345	rVB5	2311	3167	0.10%	0.007%
96	15.908	2345	2349	2351	rBV4	972	1418	0.05%	0.003%
97	16.054	2370	2373	2376	rBV4	1246	1803	0.06%	0.004%
98	16.115	2382	2383	2386	rVB3	1628	1171	0.04%	0.003%
99	16.457	2434	2439	2441	rBV5	1072	1338	0.04%	0.003%
100	16.505	2445	2447	2453	rVB6	1369	1812	0.06%	0.004%

Sum of corrected areas: 46789024

LSC Report - Integrated Chromatogram

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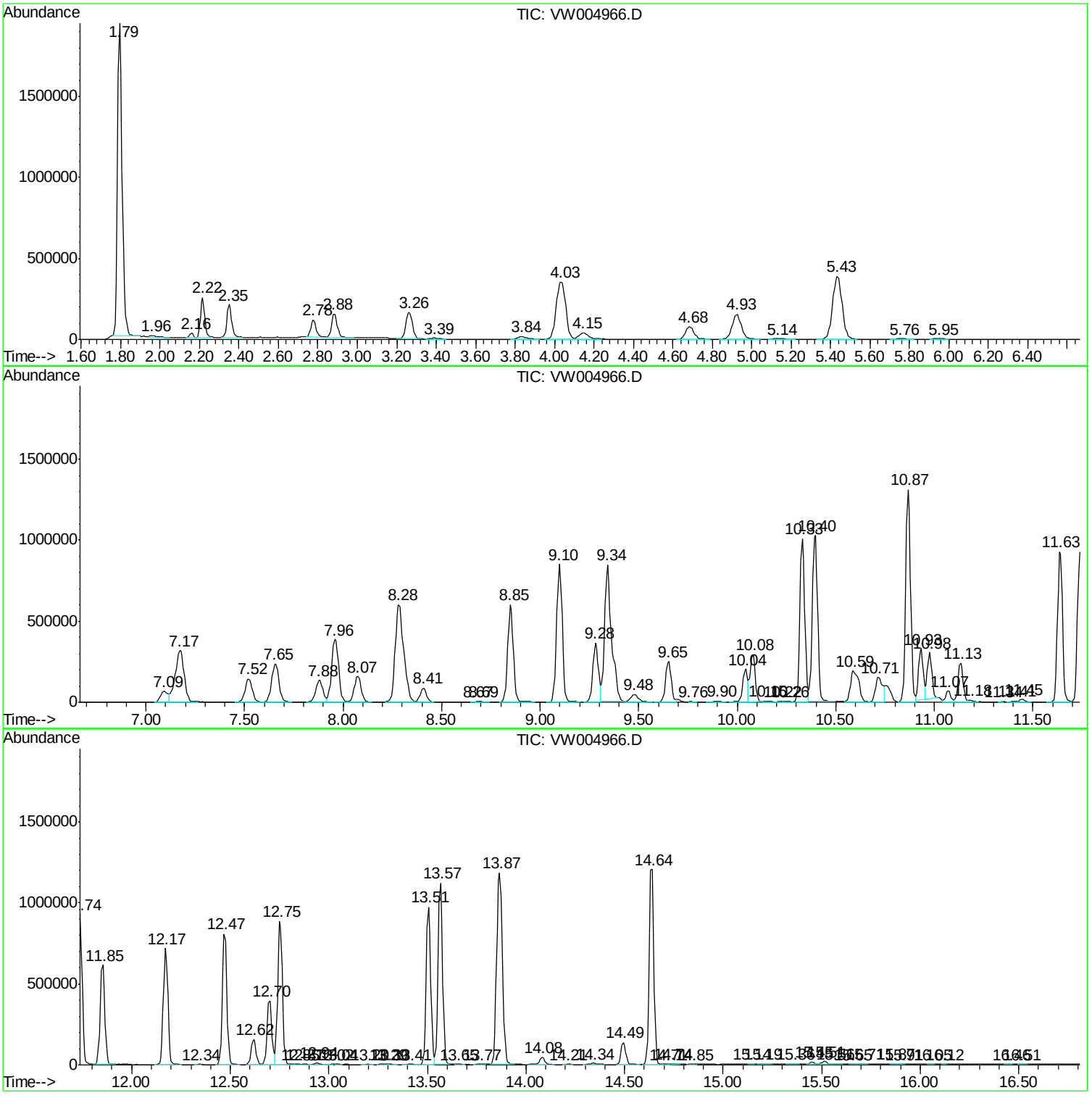
Acq On : 27 Aug 2018 14:02
Operator : SY/AP
Sample : J4650-05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAB82

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW082718\
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Acq On : 27 Aug 2018 14:02
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Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAB82

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
Quant Title : VOC Analysis

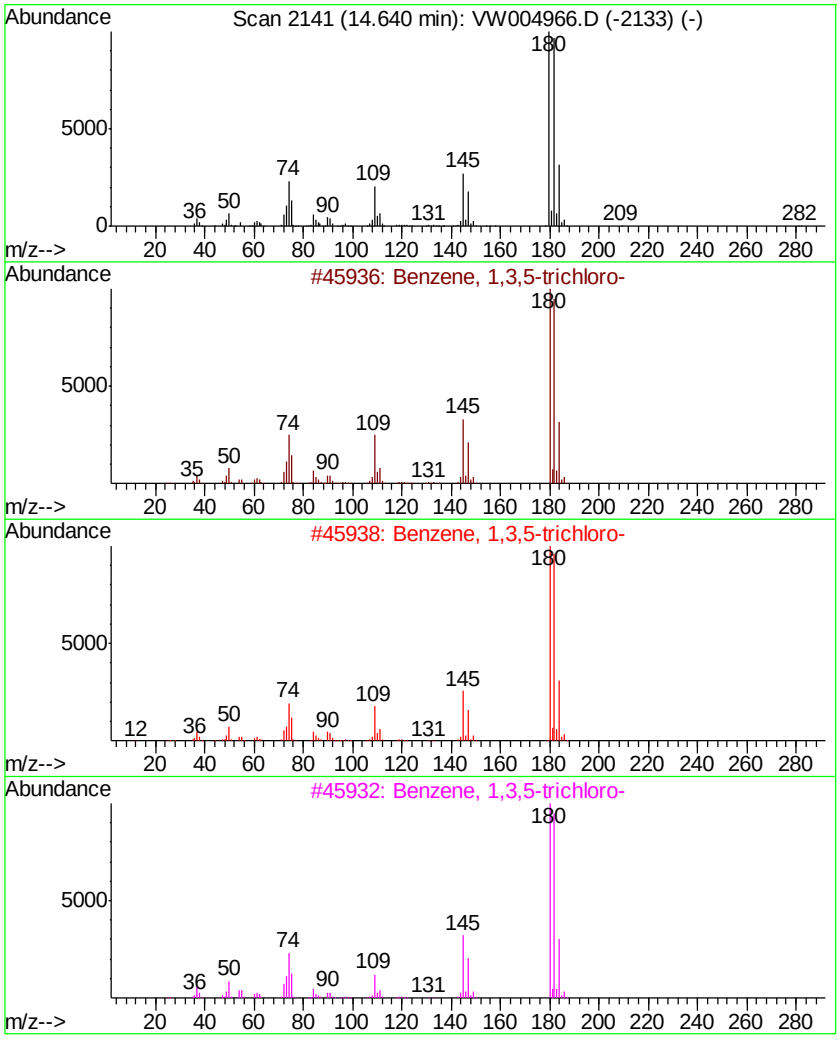
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

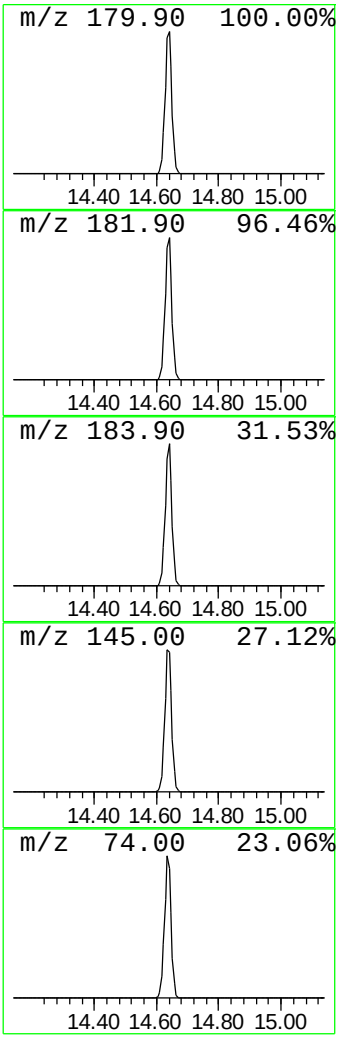
****

Peak Number 6 Benzene, 1,3,5-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	28.06 ug/L	1961800	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
2	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
3	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
4	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	97
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW082718\
Data File : VW004966.D
Acq On : 27 Aug 2018 14:02
Operator : SY/AP
Sample : J4650-05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAB82

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
Quant Title : VOC Analysis

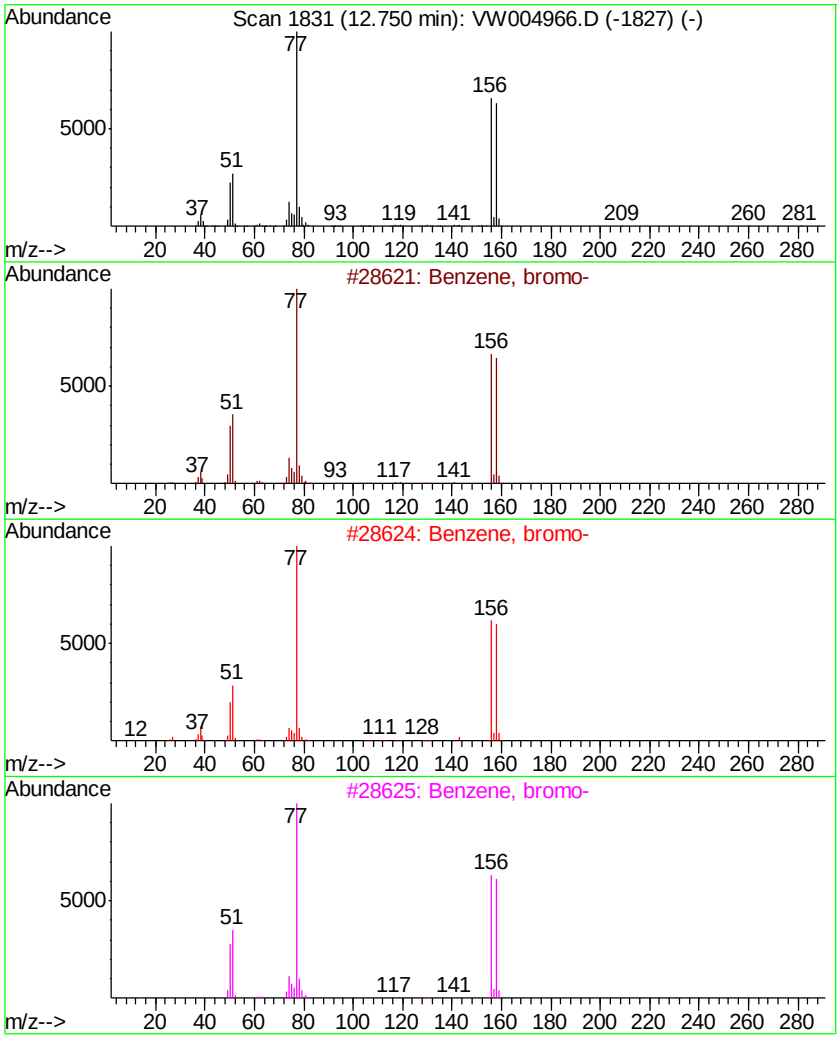
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

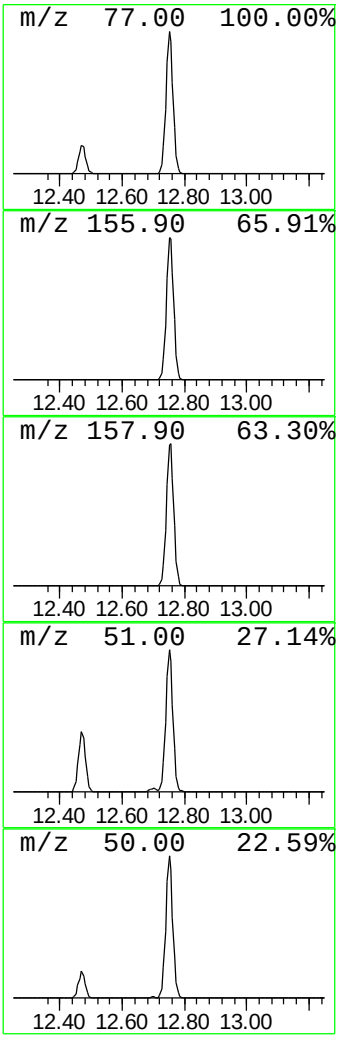
****

Peak Number 7 Benzene, bromo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	21.33 ug/L	1491250	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, bromo-	156	C6H5Br	000108-86-1	97
2	Benzene, bromo-	156	C6H5Br	000108-86-1	97
3	Benzene, bromo-	156	C6H5Br	000108-86-1	96
4	Benzene, bromo-	156	C6H5Br	000108-86-1	96
5	Benzene, bromo-	156	C6H5Br	000108-86-1	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082718\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.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
Benzene, 1,3,5-tr...	14.64	28.1	ug/L	1961800	3	13.57	1747890	25.0
Benzene, bromo-	12.75	21.3	ug/L	1491250	3	13.57	1747890	25.0