LSC Area Percent Report

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW040618\
Data File : VW001888.D
Acq On : 06 Apr 2018 17:55
Operator : JC/SY
Sample : J2135-06
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : X2C44

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 : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040518S.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	1.794	28	34	57	rBV	2259943	3483084	100.00%	8.446%
2	2.160	90	94	98	rVV	23651	36481	1.05%	0.088%
3	2.221	99	104	111	rVB	174572	226813	6.51%	0.550%
4	2.349	120	125	132	rBV	102525	147460	4.23%	0.358%
5	2.660	169	176	185	rBV9	17662	43335	1.24%	0.105%
6	2.764	186	193	204	rVV	49155	112464	3.23%	0.273%
7	2.879	206	212	225	rVB	69770	165481	4.75%	0.401%
8	3.264	266	275	286	rVB	176177	393200	11.29%	0.953%
9	3.477	308	310	315	rVB5	3609	5887	0.17%	0.014%
10	3.824	359	367	372	rBV5	8771	23930	0.69%	0.058%
11	4.026	387	400	410	rBV3	321016	1085784	31.17%	2.633%
12	4.129	410	417	427	rVB2	46332	128281	3.68%	0.311%
13	4.410	457	463	467	rVB8	2828	6875	0.20%	0.017%
14	4.489	474	476	479	rVB4	2270	2102	0.06%	0.005%
15	4.678	496	507	520	rVB2	87331	251406	7.22%	0.610%
16	4.916	534	546	558	rBV	118307	369940	10.62%	0.897%
17	5.129	574	581	584	rVV9	4581	11900	0.34%	0.029%
18	5.178	587	589	594	rVB5	2740	2501	0.07%	0.006%
19	5.312	608	611	613	rVB3	1781	2274	0.07%	0.006%
20	5.428	615	630	648	rBV3	433958	1489387	42.76%	3.612%
21	5.653	664	667	669	rBV3	1241	1529	0.04%	0.004%
22	5.934	705	713	727	rVB5	10137	31971	0.92%	0.078%
23	6.153	746	749	752	rVV4	1263	1723	0.05%	0.004%
24	6.220	756	760	763	rBV6	2047	3853	0.11%	0.009%
25	6.324	773	777	778	rVV4	1426	1805	0.05%	0.004%
26	6.361	781	783	786	rVV4	1652	1860	0.05%	0.005%
27	6.495	801	805	806	rVB4	1469	1724	0.05%	0.004%
28	6.732	840	844	848	rBV7	1509	2402	0.07%	0.006%
29	6.982	882	885	887	rBV3	1404	1554	0.04%	0.004%
30	7.086	893	902	907	rBV	50991	138238	3.97%	0.335%
31	7.171	908	916	928	rVV	328437	875198	25.13%	2.122%
32	7.360	945	947	950	rBV3	1464	1522	0.04%	0.004%
33	7.452	957	962	963	rBV5	1340	2406	0.07%	0.006%
34	7.513	963	972	983	rVV2	149814	371884	10.68%	0.902%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : X2C44

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

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Peak separation: 5

Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040518S.M
Title : VOC Analysis

35	7.653	985	995	1009	rVB2	232296	648355	18.61%	1.572%
36	7.872	1021	1031	1037	rVV3	147354	381350	10.95%	0.925%
37	7.958	1037	1045	1054	rVV	428029	1043260	29.95%	2.530%
38	8.068	1055	1063	1073	rVB	180650	445331	12.79%	1.080%
39	8.281	1088	1098	1111	rBV2	512091	1537463	44.14%	3.728%
40	8.403	1111	1118	1128	rVB	106534	235836	6.77%	0.572%
41	8.677	1158	1163	1165	rBV6	2156	2869	0.08%	0.007%
42	8.738	1171	1173	1175	rBV3	1519	1795	0.05%	0.004%
43	8.848	1180	1191	1205	rBV	503340	1032667	29.65%	2.504%
44	9.037	1218	1222	1223	rVV4	4521	5085	0.15%	0.012%
45	9.098	1223	1232	1245	rVV	858439	1719578	49.37%	4.170%
46	9.202	1247	1249	1254	rVB6	1697	2288	0.07%	0.006%
47	9.281	1254	1262	1266	rBV	359996	713963	20.50%	1.731%
48	9.342	1266	1272	1285	rVV2	872849	2257294	64.81%	5.474%
49	9.451	1286	1290	1297	rVB	36996	75231	2.16%	0.182%
50	9.653	1314	1323	1329	rBV	295733	567797	16.30%	1.377%
51	9.884	1359	1361	1367	rBV7	1590	2816	0.08%	0.007%
52	10.043	1379	1387	1390	rBV	186990	369111	10.60%	0.895%
53	10.079	1390	1393	1402	rVV	348889	587871	16.88%	1.426%
54	10.140	1402	1403	1413	rVV8	5906	13479	0.39%	0.033%
55	10.214	1413	1415	1419	rVV4	1418	2170	0.06%	0.005%
56	10.335	1427	1435	1440	rBV	708513	1283160	36.84%	3.112%
57	10.396	1440	1445	1458	rVB	922681	1599836	45.93%	3.880%
58	10.592	1470	1477	1491	rVB4	190739	595499	17.10%	1.444%
59	10.720	1491	1498	1502	rBV2	23978	50397	1.45%	0.122%
60	10.872	1515	1523	1529	rBV	1093438	1904662	54.68%	4.619%
61	10.933	1529	1533	1537	rVV	200794	327795	9.41%	0.795%
62	10.982	1537	1541	1546	rVB	161022	257301	7.39%	0.624%
63	11.079	1552	1557	1560	rBV	26896	40415	1.16%	0.098%
64	11.134	1560	1566	1578	rVB	254337	460926	13.23%	1.118%
65	11.256	1581	1586	1587	rBV5	2420	3798	0.11%	0.009%
66	11.317	1594	1596	1598	rBV3	1849	1858	0.05%	0.005%
67	11.421	1608	1613	1614	rBV5	2471	3463	0.10%	0.008%
68	11.451	1614	1618	1625	rVB4	11077	19812	0.57%	0.048%
69	11.640	1642	1649	1658	rBV	771931	1311284	37.65%	3.180%
70	11.744	1659	1666	1676	rVV	788690	1251133	35.92%	3.034%
71	11.860	1678	1685	1694	rVB	490481	796634	22.87%	1.932%

LSC Area Percent Report

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Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : X2C44

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 : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040518S.M
Title : VOC Analysis

72	12.177	1730	1737	1747	rBV	562311	927823	26.64%	2.250%
73	12.481	1779	1787	1795	rBV	692873	1204015	34.57%	2.920%
74	12.622	1803	1810	1817	rVV	49832	89722	2.58%	0.218%
75	12.707	1817	1824	1828	rVV	290323	492053	14.13%	1.193%
76	12.762	1828	1833	1841	rVV	768177	1291339	37.07%	3.131%
77	12.951	1859	1864	1871	rVB3	11323	20208	0.58%	0.049%
78	13.018	1871	1875	1877	rBV5	4114	5858	0.17%	0.014%
79	13.091	1885	1887	1891	rBV5	1787	1842	0.05%	0.004%
80	13.420	1935	1941	1944	rVV8	2859	6169	0.18%	0.015%
81	13.512	1948	1956	1961	rVV	772143	1254718	36.02%	3.043%
82	13.573	1961	1966	1975	rVB	843340	1346117	38.65%	3.264%
83	13.810	2003	2005	2008	rBV4	1886	1719	0.05%	0.004%
84	13.871	2008	2015	2024	rBV2	847892	1743669	50.06%	4.228%
85	14.091	2045	2051	2056	rBV	17442	31317	0.90%	0.076%
86	14.255	2070	2078	2079	rBV7	7109	14210	0.41%	0.034%
87	14.353	2091	2094	2097	rVB5	7740	9967	0.29%	0.024%
88	14.505	2112	2119	2125	rBV2	101428	170295	4.89%	0.413%
89	14.646	2135	2142	2151	rVB	980618	1574360	45.20%	3.818%
90	14.713	2151	2153	2154	rBV	2884	2022	0.06%	0.005%
91	14.829	2166	2172	2176	rBV9	4839	8596	0.25%	0.021%
92	15.097	2214	2216	2219	rVB3	3309	3566	0.10%	0.009%
93	15.456	2272	2275	2282	rVB9	4071	6490	0.19%	0.016%
94	15.524	2283	2286	2290	rBV4	3450	4984	0.14%	0.012%
95	15.700	2314	2315	2317	rBV2	1915	1726	0.05%	0.004%
96	15.999	2357	2364	2367	rBV9	4124	9820	0.28%	0.024%
97	16.133	2379	2386	2388	rBV8	3700	7553	0.22%	0.018%
98	16.255	2404	2406	2411	rVB6	2000	2993	0.09%	0.007%
99	16.334	2418	2419	2421	rBV2	3178	2885	0.08%	0.007%
100	16.462	2430	2440	2441	rBV5	10726	22097	0.63%	0.054%

Sum of corrected areas: 41237969

LSC Report - Integrated Chromatogram

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW040618\
Data File : VW001888.D
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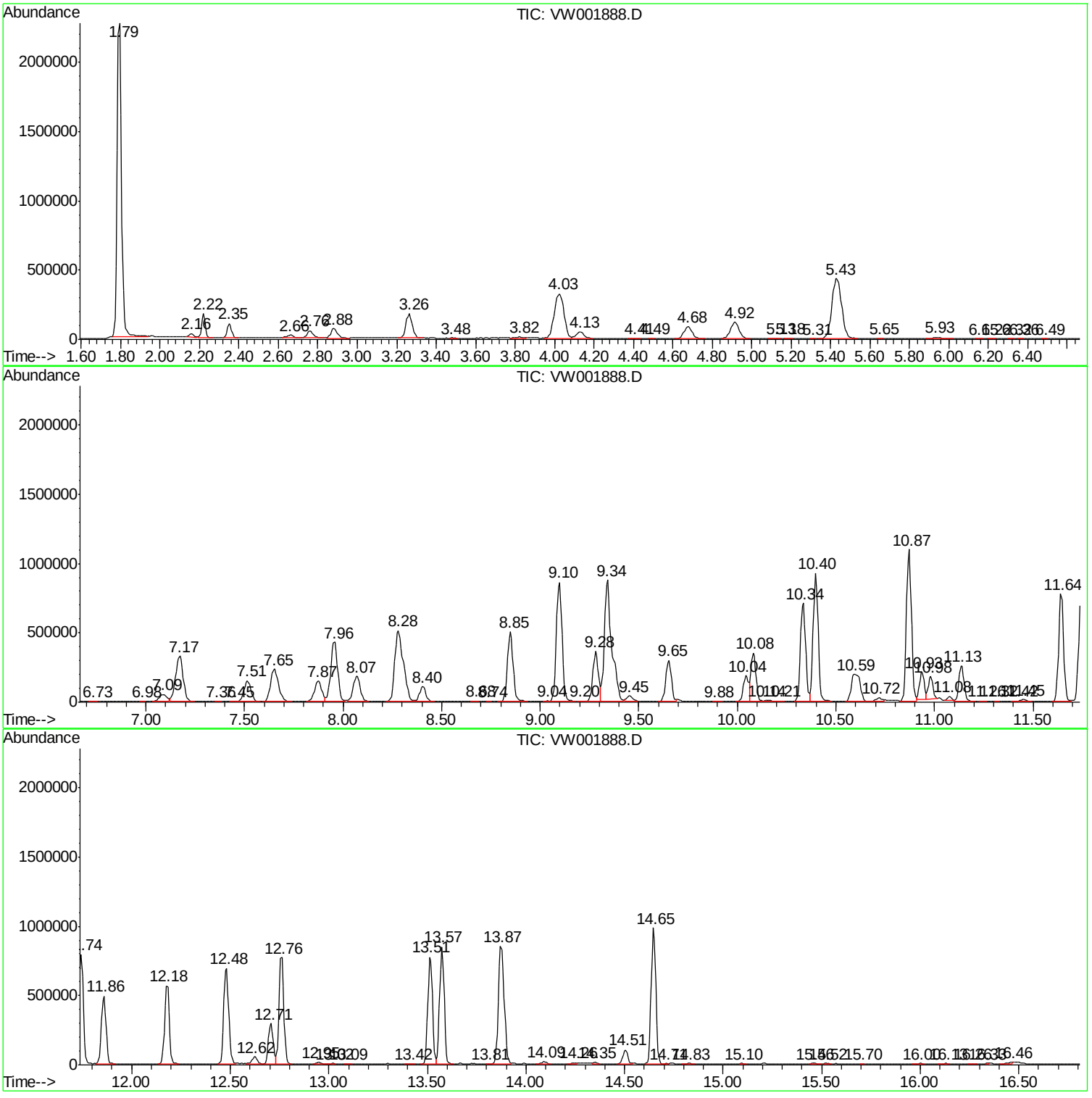
Sample : J2135-06
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
X2C44

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040518S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW040618\
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Acq On : 06 Apr 2018 17:55
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ClientSampleId : X2C44

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040518S.M
Quant Title : VOC Analysis

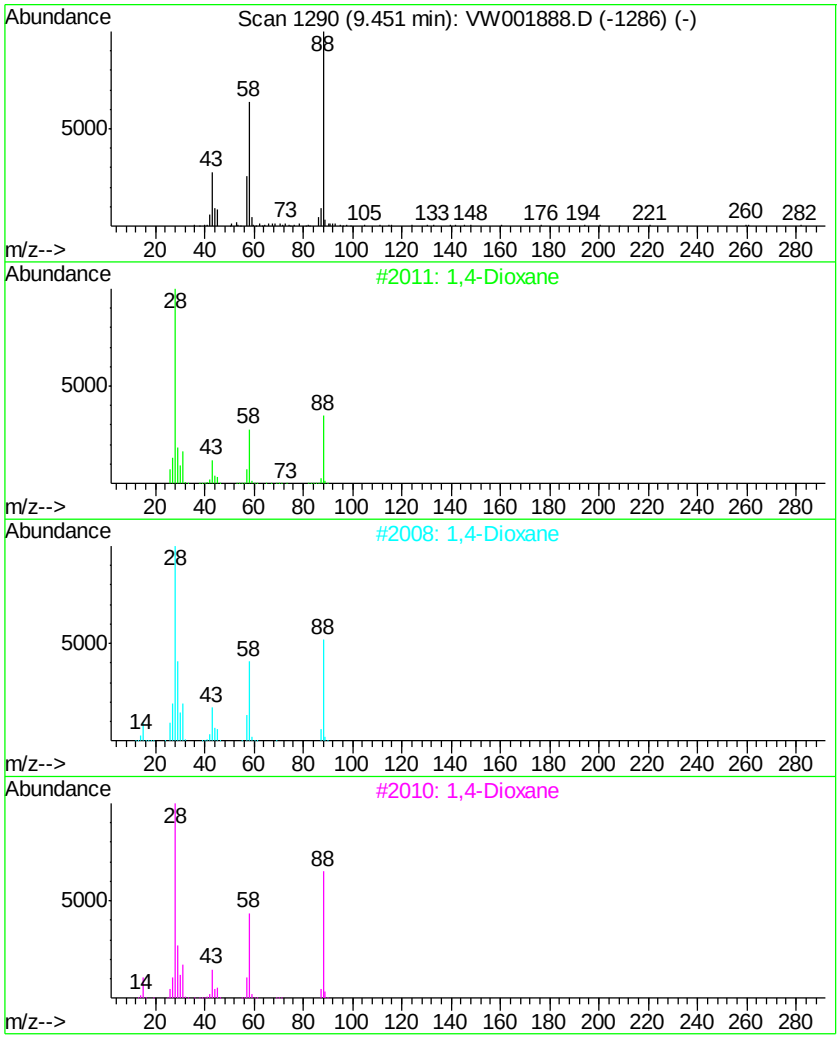
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

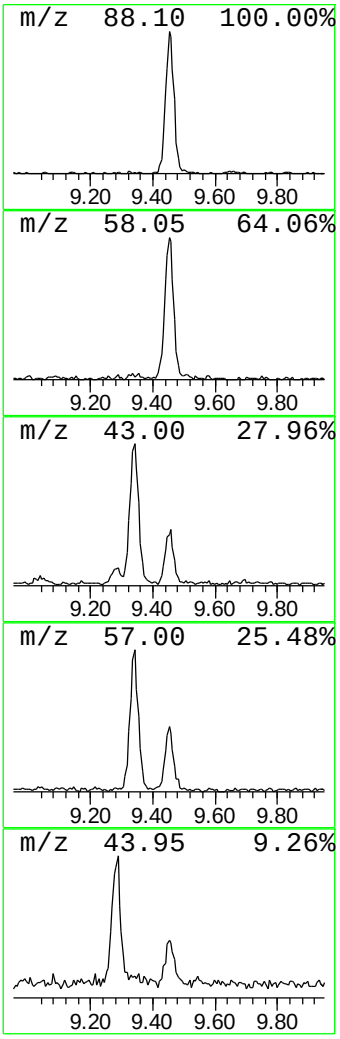
****

Peak Number 2 1,4-Dioxane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	1.82 ug/L	75231	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dioxane	88	C4H8O2	000123-91-1	90
2	1,4-Dioxane	88	C4H8O2	000123-91-1	87
3	1,4-Dioxane	88	C4H8O2	000123-91-1	86
4	1,4-Dioxane	88	C4H8O2	000123-91-1	86
5	Urea, N,N'-dimethyl-	88	C3H8N2O	000096-31-1	72





Library Search Compound Report

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW040618\
Data File : VW001888.D
Acq On : 06 Apr 2018 17:55
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Sample : J2135-06
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : X2C44

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040518S.M
Quant Title : VOC Analysis

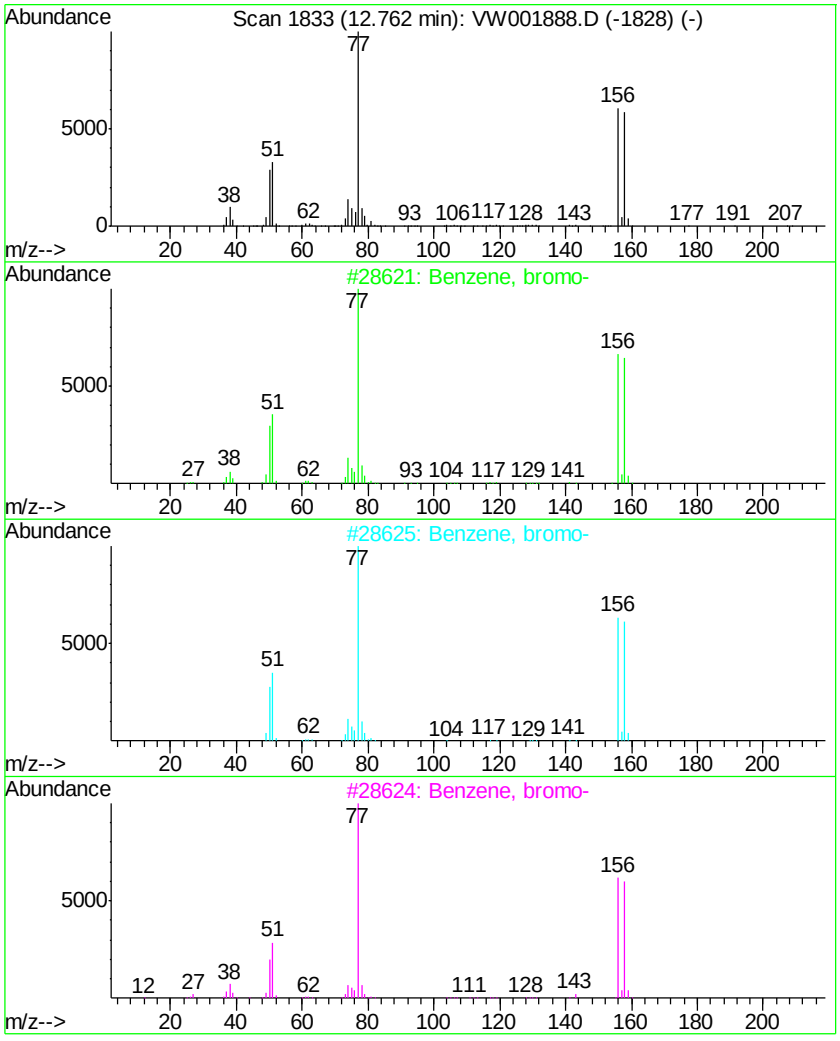
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

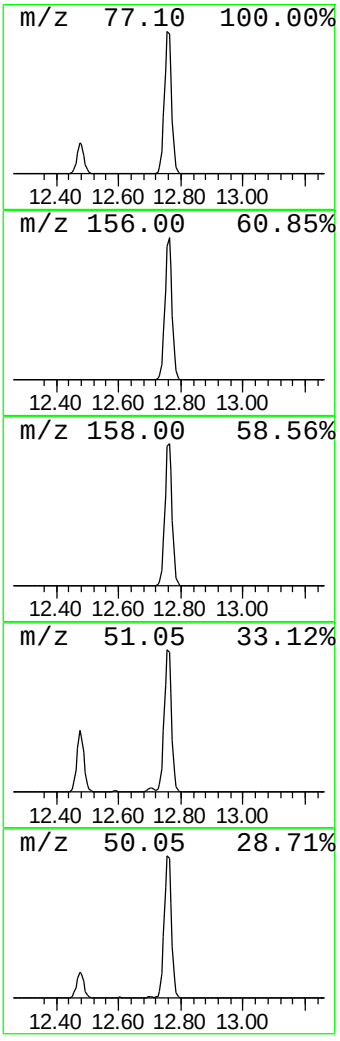
****

Peak Number 4 Benzene, bromo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	23.98 ug/L	1291340	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	96
3	Benzene, bromo-	156	C6H5Br	000108-86-1	95
4	Benzene, bromo-	156	C6H5Br	000108-86-1	95
5	Benzene, bromo-	156	C6H5Br	000108-86-1	95





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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : X2C44

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040518S.M
Quant Title : VOC Analysis

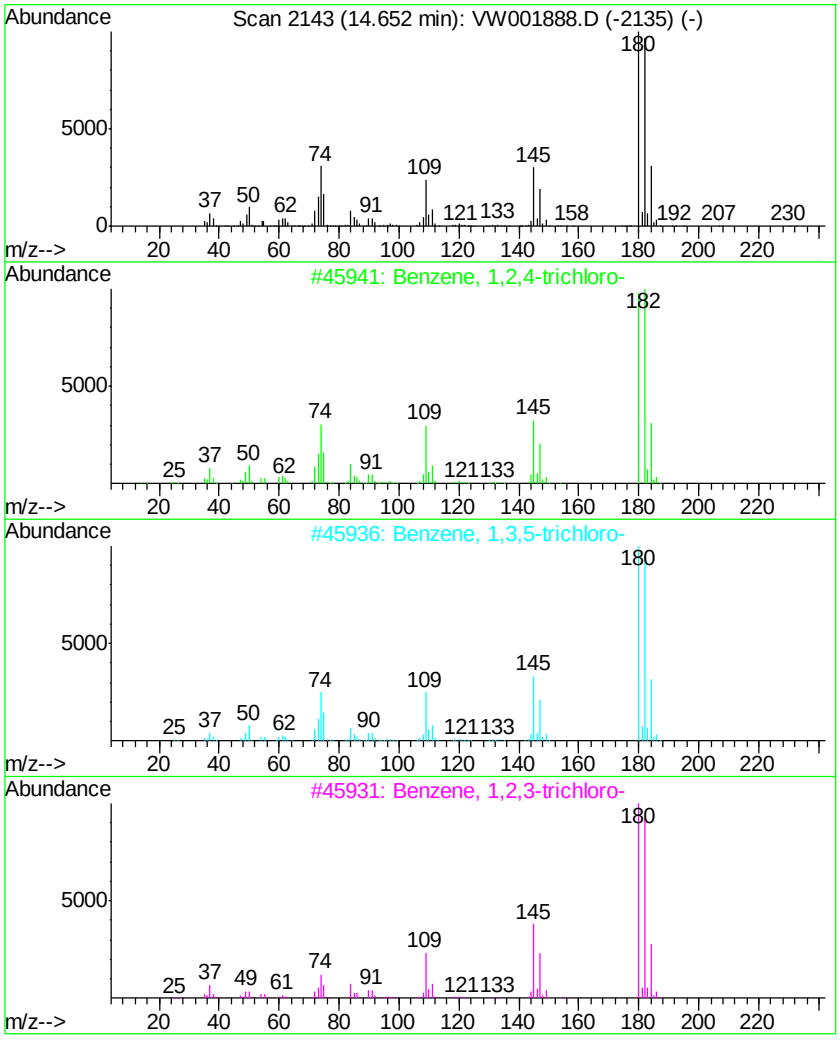
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

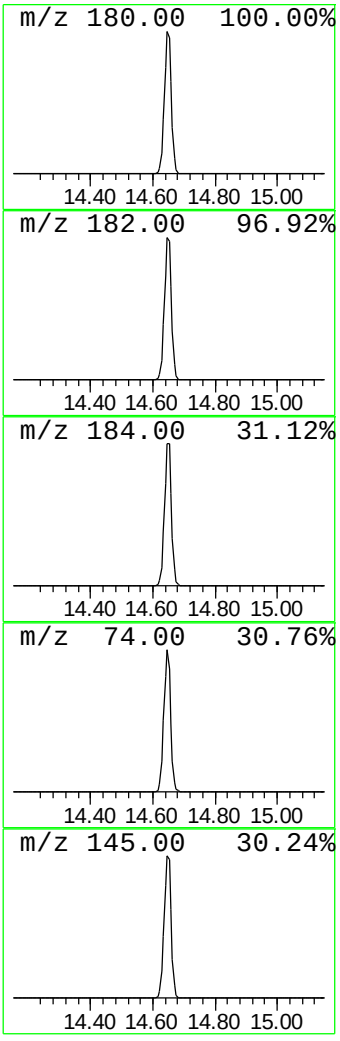
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	29.24 ug/L	1574360	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	99
2	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96
4	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96
5	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	96





Tentatively Identified Compound (LSC) summary

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : X2C44

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040518S.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
1,4-Dioxane	9.45	1.8	ug/L	75231	1	8.85	1032670	25.0
Benzene, bromo-	12.76	24.0	ug/L	1291340	3	13.57	1346120	25.0
Benzene, 1,3,5-tr...	14.65	29.2	ug/L	1574360	3	13.57	1346120	25.0