LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010183.D
Acq On : 29 Apr 2019 16:11
Operator : SY/VA
Sample : K2606-01
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A5104

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\SOM2WLM042919S.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	45	rBV	24926	44877	1.57%	0.091%
2	2.215	46	51	62	rVB	140430	296524	10.36%	0.601%
3	2.318	63	68	71	rBV	125361	207726	7.25%	0.421%
4	2.361	71	75	84	rVB	118938	271164	9.47%	0.550%
5	2.776	137	143	152	rVB	68665	153824	5.37%	0.312%
6	2.885	154	161	179	rVB2	100019	271964	9.50%	0.551%
7	3.251	214	221	236	rVB2	73386	190720	6.66%	0.387%
8	3.806	305	312	322	rBV2	37491	93740	3.27%	0.190%
9	4.025	335	348	358	rVV4	433807	1642522	57.36%	3.330%
10	4.117	359	363	376	rVB	109895	292016	10.20%	0.592%
11	4.355	400	402	405	rBV2	902	1094	0.04%	0.002%
12	4.391	405	408	409	rBV2	2480	2193	0.08%	0.004%
13	4.665	440	453	466	rBV2	87071	259530	9.06%	0.526%
14	4.909	481	493	516	rBV2	105061	418371	14.61%	0.848%
15	5.190	532	539	548	rVV5	5637	16792	0.59%	0.034%
16	5.415	561	576	593	rBV2	375357	1252289	43.73%	2.539%
17	5.671	615	618	622	rBV4	592	1125	0.04%	0.002%
18	5.927	655	660	661	rBV4	2482	3536	0.12%	0.007%
19	6.177	700	701	705	rVB3	1122	1097	0.04%	0.002%
20	6.427	738	742	745	rVB5	1128	1446	0.05%	0.003%
21	6.952	825	828	831	rBV4	796	1246	0.04%	0.003%
22	7.080	839	849	854	rBV2	69470	187588	6.55%	0.380%
23	7.159	854	862	874	rVB	416102	1119408	39.09%	2.270%
24	7.506	909	919	932	rVV	189164	484840	16.93%	0.983%
25	7.641	932	941	956	rVV	382508	951439	33.23%	1.929%
26	7.866	968	978	985	rBV2	177663	458863	16.02%	0.930%
27	7.951	985	992	1002	rVV	298786	806852	28.18%	1.636%
28	8.061	1002	1010	1028	rVB	218915	580282	20.27%	1.177%
29	8.275	1034	1045	1058	rBV2	738709	2220039	77.53%	4.501%
30	8.397	1058	1065	1076	rVB2	133822	282116	9.85%	0.572%
31	8.506	1081	1083	1087	rVB3	1063	1604	0.06%	0.003%
32	8.622	1100	1102	1104	rBV2	1109	1483	0.05%	0.003%
33	8.671	1105	1110	1116	rVB7	3261	7265	0.25%	0.015%
34	8.842	1124	1138	1150	rBV	809464	1639794	57.27%	3.325%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\
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Acq On : 29 Apr 2019 16:11
Operator : SY/VA
Sample : K2606-01
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A5104

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\SOM2WLM042919S.M
Title : VOC Analysis

35	9.092	1165	1179	1191	rVB	1194563	2352207	82.15%	4.769%
36	9.189	1191	1195	1197	rBV2	922	1408	0.05%	0.003%
37	9.274	1200	1209	1213	rBV	513894	1046362	36.54%	2.122%
38	9.329	1213	1218	1232	rVB2	1105590	2863420	100.00%	5.806%
39	9.451	1232	1238	1249	rVB2	37214	84251	2.94%	0.171%
40	9.549	1252	1254	1256	rVB3	1817	1332	0.05%	0.003%
41	9.640	1261	1269	1276	rBV	374743	736159	25.71%	1.493%
42	9.756	1285	1288	1293	rVB4	2944	4799	0.17%	0.010%
43	9.890	1303	1310	1320	rVV6	7031	16972	0.59%	0.034%
44	10.030	1325	1333	1336	rBV	289480	536904	18.75%	1.089%
45	10.073	1336	1340	1347	rVV	448467	793383	27.71%	1.609%
46	10.146	1349	1352	1360	rVB6	8203	16072	0.56%	0.033%
47	10.219	1362	1364	1365	rVV2	1334	1134	0.04%	0.002%
48	10.244	1365	1368	1373	rVB3	5255	8665	0.30%	0.018%
49	10.323	1373	1381	1386	rBV	1055999	1855014	64.78%	3.761%
50	10.384	1386	1391	1404	rVB	1149186	2044226	71.39%	4.145%
51	10.579	1415	1423	1436	rBV3	254603	756640	26.42%	1.534%
52	10.707	1439	1444	1451	rBV	16220	27523	0.96%	0.056%
53	10.768	1451	1454	1459	rVB6	3321	5268	0.18%	0.011%
54	10.859	1461	1469	1475	rBV	1505611	2561267	89.45%	5.193%
55	10.927	1475	1480	1483	rVV	287200	470616	16.44%	0.954%
56	10.969	1483	1487	1492	rVV	312129	527393	18.42%	1.069%
57	11.012	1492	1494	1500	rVV	39958	58829	2.05%	0.119%
58	11.073	1500	1504	1507	rVV4	9201	15044	0.53%	0.031%
59	11.128	1507	1513	1520	rVB	329509	559805	19.55%	1.135%
60	11.335	1544	1547	1552	rBV5	1176	1950	0.07%	0.004%
61	11.408	1554	1559	1563	rBV5	2628	4325	0.15%	0.009%
62	11.634	1587	1596	1604	rBV	1148358	1950106	68.10%	3.954%
63	11.731	1604	1612	1620	rVV	995627	1606390	56.10%	3.257%
64	11.847	1624	1631	1642	rVB	649754	1033081	36.08%	2.095%
65	11.957	1647	1649	1653	rVB3	1371	1696	0.06%	0.003%
66	12.036	1656	1662	1664	rBV6	2251	4151	0.14%	0.008%
67	12.164	1676	1683	1691	rBV	742619	1220762	42.63%	2.475%
68	12.347	1707	1713	1716	rBV8	2866	5554	0.19%	0.011%
69	12.469	1724	1733	1744	rVV	888277	1398343	48.83%	2.835%
70	12.609	1750	1756	1762	rVV	67005	112271	3.92%	0.228%
71	12.695	1762	1770	1774	rVV	402255	661630	23.11%	1.341%

LSC Area Percent Report

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Operator : SY/VA
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Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A5104

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\SOM2WLM042919S.M
Title : VOC Analysis

72	12.749	1774	1779	1791	rVV	951328	1561755	54.54%	3.167%
73	12.871	1796	1799	1801	rVV4	1100	1363	0.05%	0.003%
74	12.932	1805	1809	1814	rVV3	4758	7176	0.25%	0.015%
75	13.012	1818	1822	1830	rBV7	5371	12540	0.44%	0.025%
76	13.164	1845	1847	1848	rVV2	1157	1083	0.04%	0.002%
77	13.201	1848	1853	1857	rVB4	4846	8176	0.29%	0.017%
78	13.243	1858	1860	1862	rBV3	1200	1122	0.04%	0.002%
79	13.304	1868	1870	1874	rVB4	2745	3427	0.12%	0.007%
80	13.408	1878	1887	1894	rBV	11406	22763	0.79%	0.046%
81	13.499	1894	1902	1907	rBV	997977	1606721	56.11%	3.258%
82	13.560	1907	1912	1919	rVB	1195614	1889193	65.98%	3.830%
83	13.768	1941	1946	1952	rVV6	5843	11890	0.42%	0.024%
84	13.859	1953	1961	1974	rVV2	1140796	2328554	81.32%	4.721%
85	13.956	1974	1977	1981	rVB3	6718	9429	0.33%	0.019%
86	14.024	1985	1988	1991	rVB5	2163	2796	0.10%	0.006%
87	14.078	1991	1997	2003	rBV	48137	76787	2.68%	0.156%
88	14.334	2032	2039	2044	rBV8	9580	17025	0.59%	0.035%
89	14.487	2058	2064	2072	rVV	107277	178086	6.22%	0.361%
90	14.633	2080	2088	2096	rBV	1221292	1928271	67.34%	3.910%
91	14.737	2101	2105	2111	rVB7	2724	4831	0.17%	0.010%
92	15.139	2166	2171	2176	rVV6	4315	8371	0.29%	0.017%
93	15.188	2176	2179	2184	rVB6	3575	4861	0.17%	0.010%
94	15.365	2202	2208	2212	rBV5	6499	15271	0.53%	0.031%
95	15.444	2213	2221	2226	rVV3	31069	64435	2.25%	0.131%
96	15.505	2226	2231	2236	rVV	13353	24817	0.87%	0.050%
97	15.816	2276	2282	2285	rBV4	7678	12966	0.45%	0.026%
98	15.901	2293	2296	2299	rVB5	3083	4311	0.15%	0.009%
99	16.352	2368	2370	2373	rBV4	1107	1305	0.05%	0.003%
100	16.554	2401	2403	2405	rBV2	1136	1275	0.04%	0.003%

Sum of corrected areas: 49320921

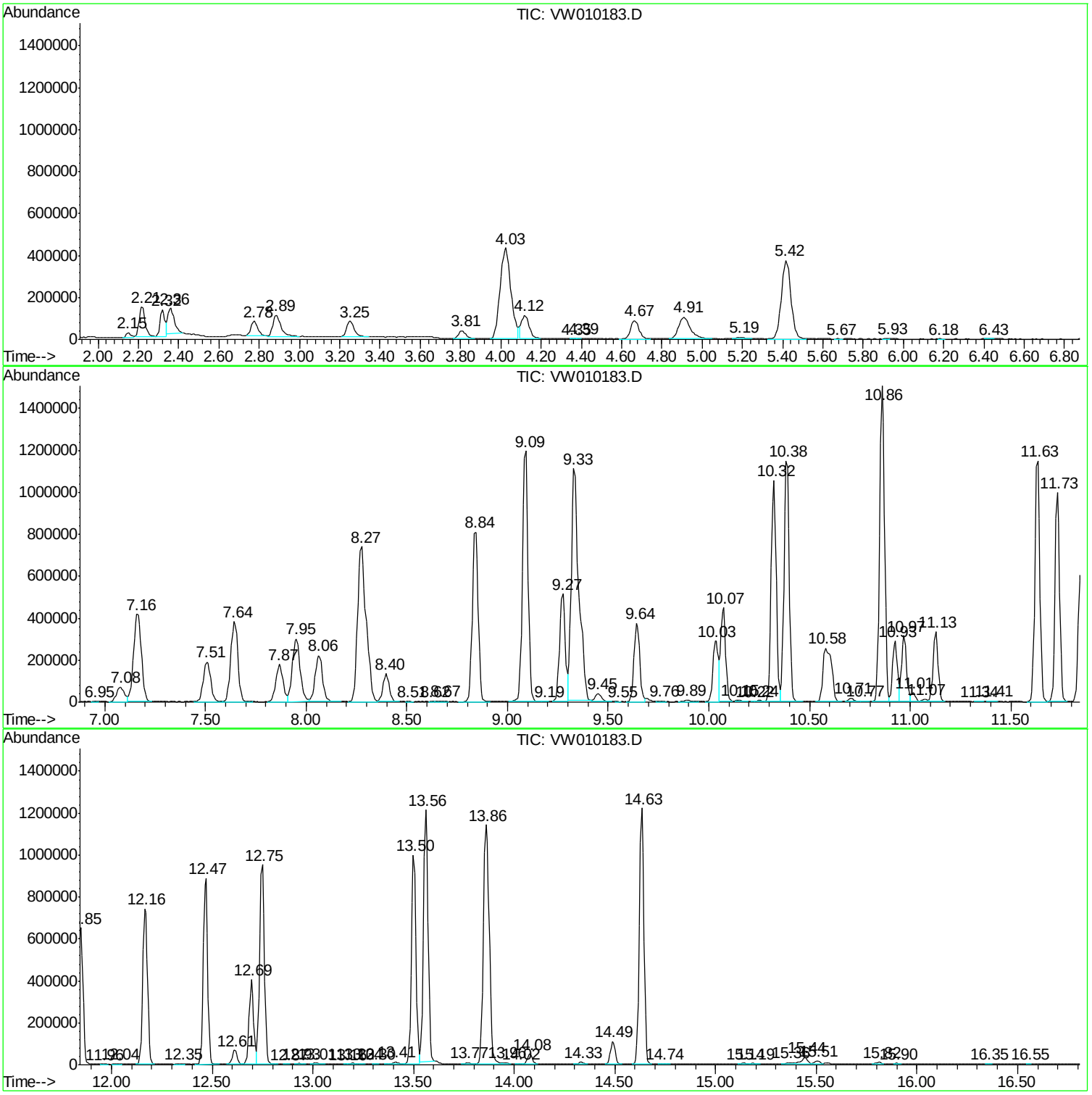
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042919\
Data File : VW010183.D
Acq On : 29 Apr 2019 16:11
Operator : SY/VA
Sample : K2606-01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A5104

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.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\VW042919\
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Instrument : MSVOA_W
ClientSampleId : A5104

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

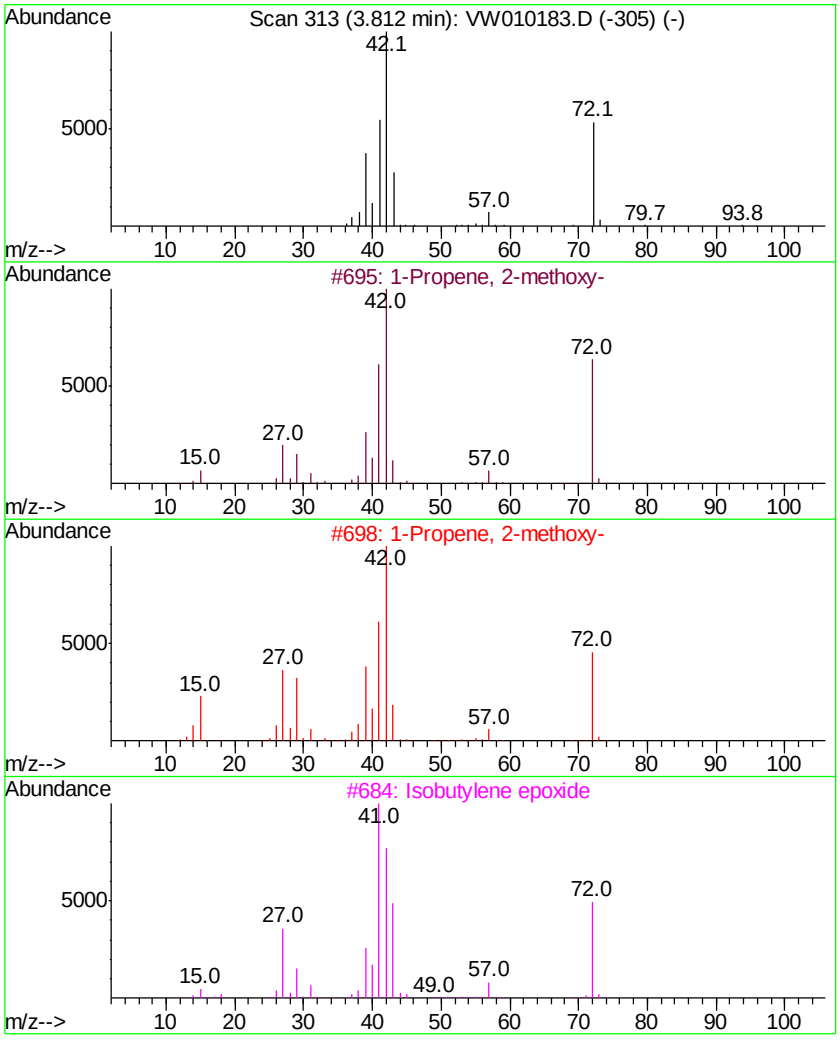
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

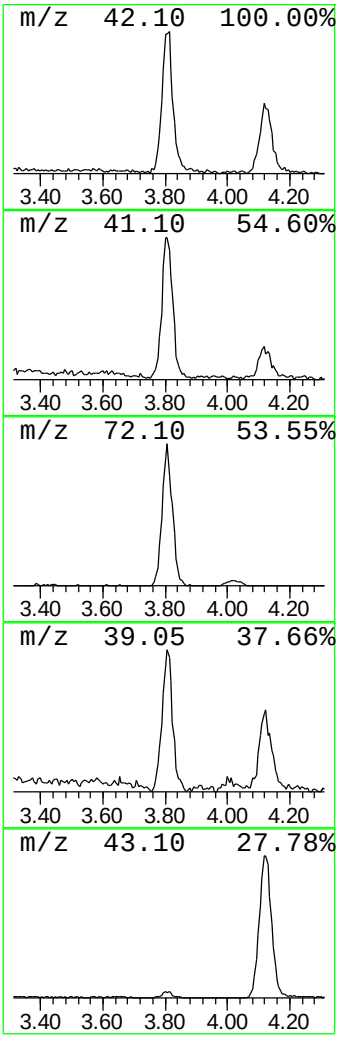
****

Peak Number 1 1-Propene, 2-methoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.81	1.43 ug/L	93740	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	64
2	1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	59
3	Isobutylene epoxide	72	C4H8O	000558-30-5	53
4	1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	43
5	Formaldehyde, dimethylhydrazone	72	C3H8N2	002035-89-4	40





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042919\
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Instrument : MSVOA_W
ClientSampleId : A5104

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

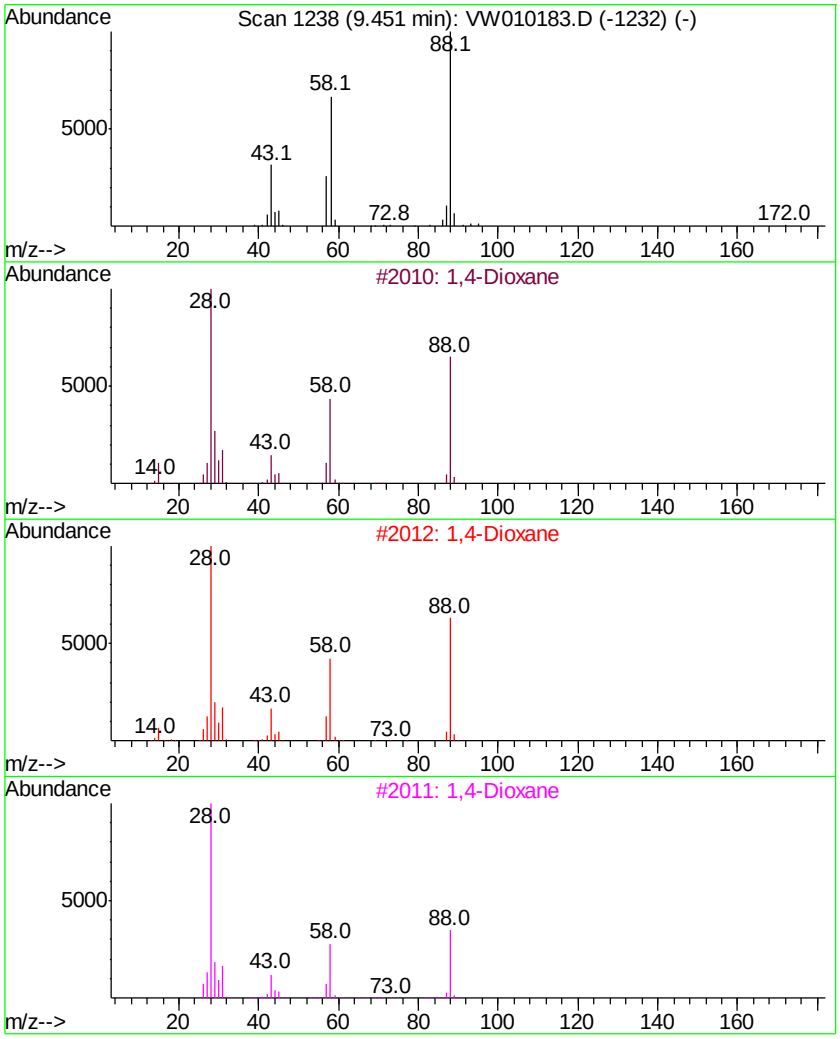
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

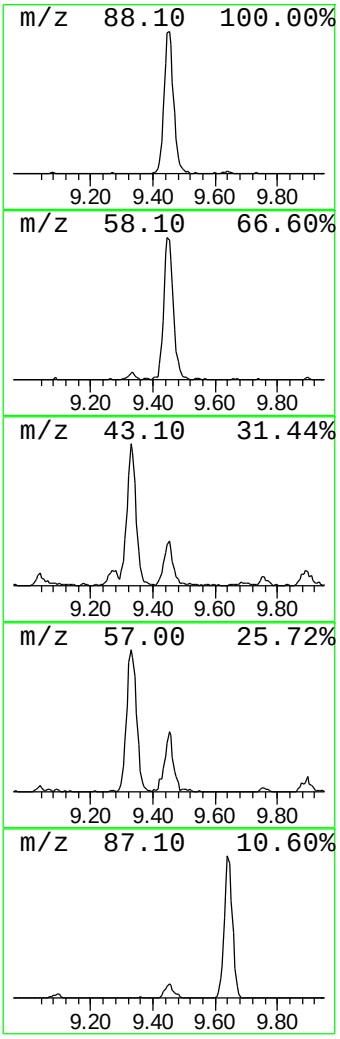
****

Peak Number 2 1,4-Dioxane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	1.28 ug/L	84251	1,4-Difluorobenzene	8.84

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	1,3,6-Trioxocane	118	C5H10O3	001779-19-7	74





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042919\
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Instrument : MSVOA_W
ClientSampleId : A5104

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

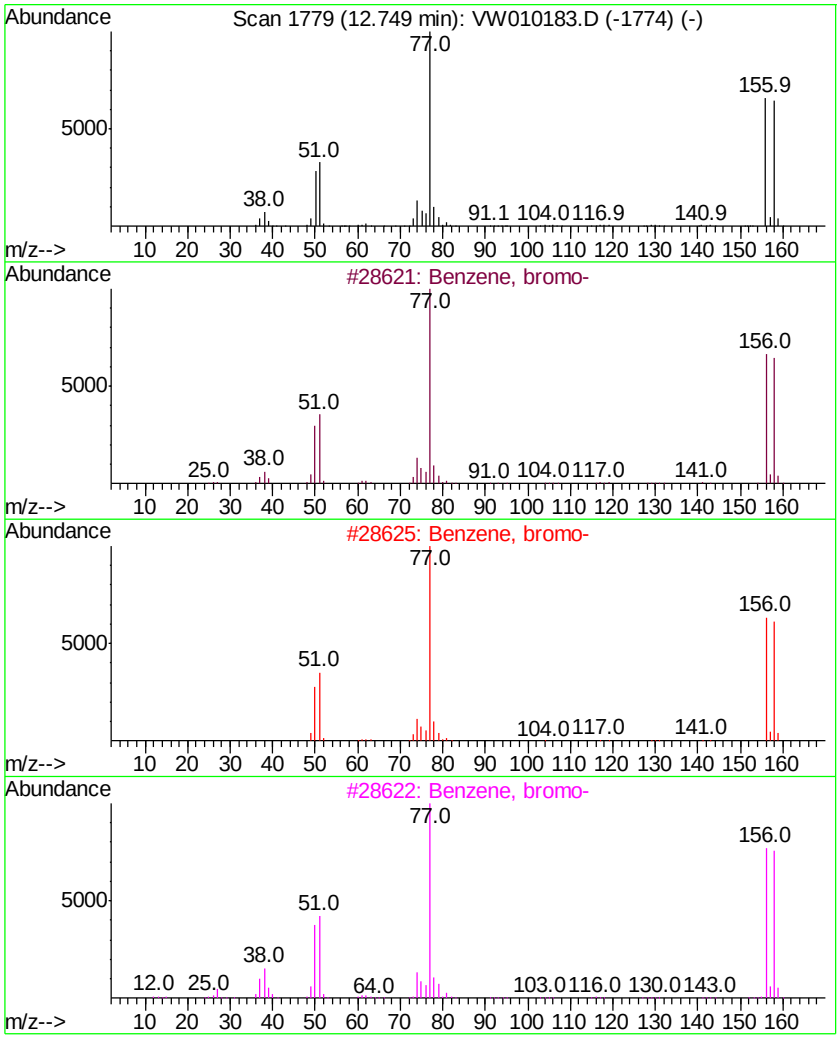
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

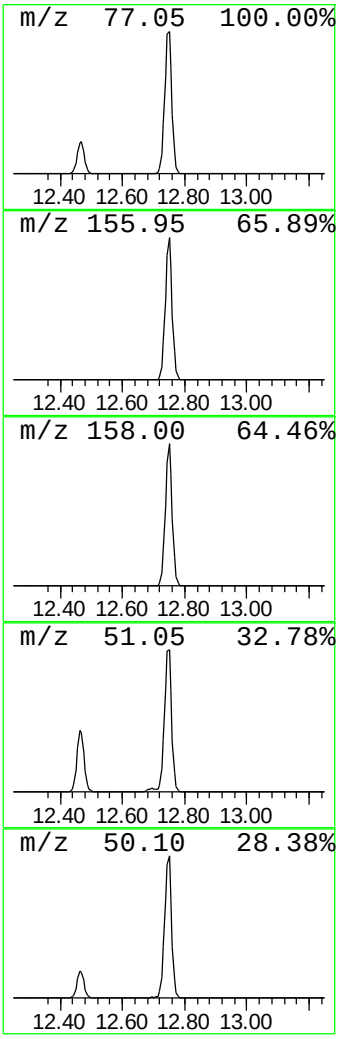
****

Peak Number 4 Benzene, bromo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	20.67 ug/L	1561760	1,4-Dichlorobenzene-d4	13.56

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	95
5	Benzene, bromo-	156	C6H5Br	000108-86-1	94





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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A5104

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

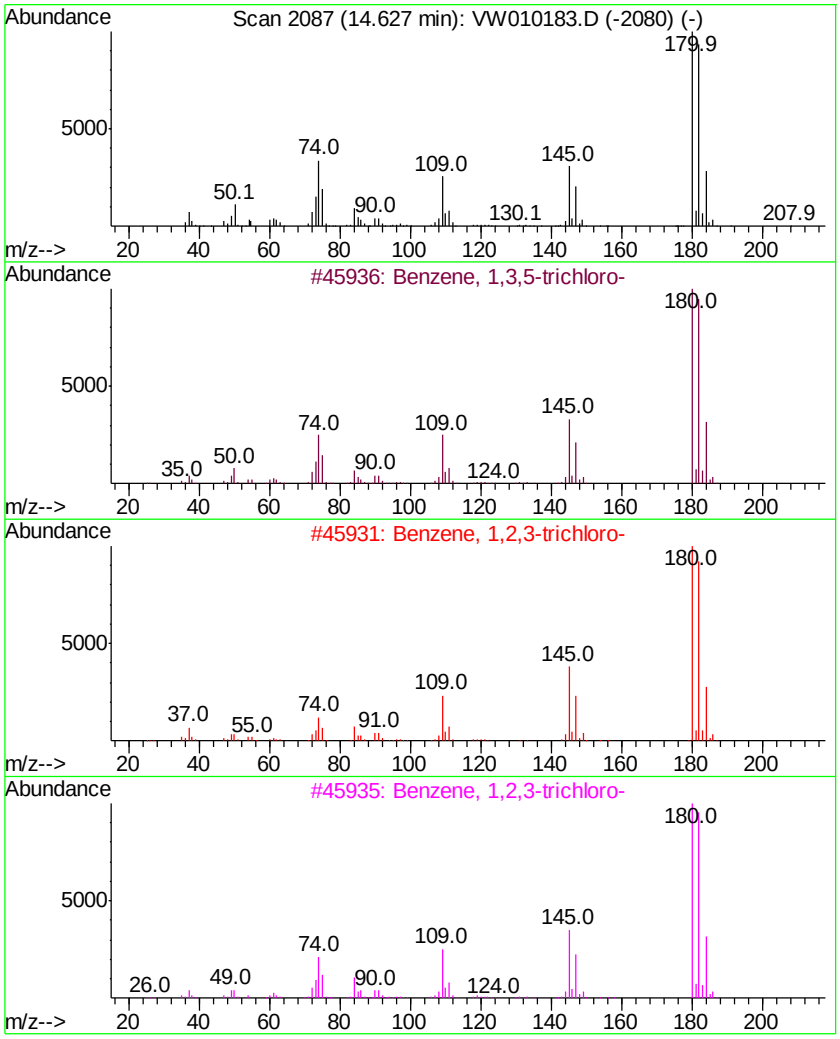
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

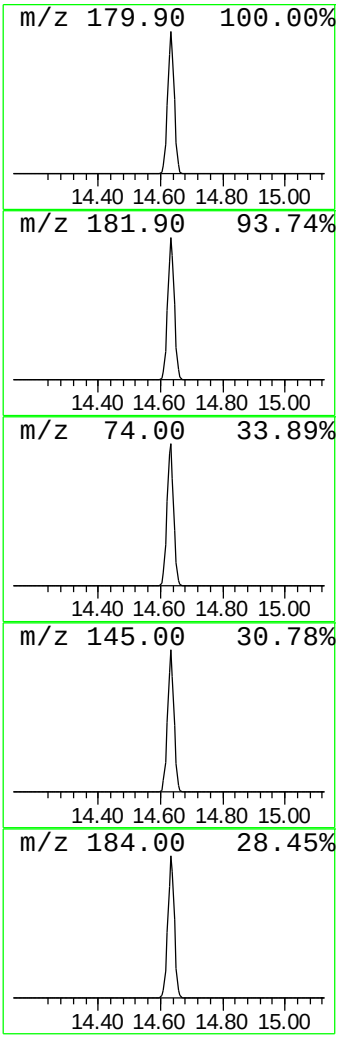
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	25.52 ug/L	1928270	1,4-Dichlorobenzene-d4	13.56

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042919\
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Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A5104

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.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-Propene, 2-meth...	3.81	1.4	ug/L	93740	1	8.84	1639790	25.0
1,4-Dioxane	9.45	1.3	ug/L	84251	1	8.84	1639790	25.0
Benzene, bromo-	12.75	20.7	ug/L	1561760	3	13.56	1889190	25.0
Benzene, 1,3,5-tr...	14.63	25.5	ug/L	1928270	3	13.56	1889190	25.0