LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041619\
Data File : VW009997.D
Acq On : 16 Apr 2019 15:05
Operator : SY/VA
Sample : K2402-19
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHJ9

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\SOM2WLM041519S.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	2.154	37	41	47	rBV2	17469	35623	1.16%	0.066%
2	2.215	47	51	63	rVB	141017	280689	9.13%	0.523%
3	2.318	63	68	71	rBV	170940	266680	8.67%	0.497%
4	2.361	72	75	83	rVB	124206	248049	8.07%	0.462%
5	2.776	137	143	152	rBV2	63267	145224	4.72%	0.271%
6	2.892	155	162	173	rVB	97476	264662	8.61%	0.493%
7	3.257	215	222	238	rVB	86123	241174	7.84%	0.449%
8	3.812	302	313	327	rVB2	56755	150820	4.91%	0.281%
9	4.019	334	347	358	rBV6	486378	1868073	60.77%	3.480%
10	4.117	359	363	379	rVB	144555	369243	12.01%	0.688%
11	4.312	392	395	399	rVB5	828	1180	0.04%	0.002%
12	4.391	403	408	410	rBV2	2848	4601	0.15%	0.009%
13	4.666	440	453	467	rBV	123008	354870	11.54%	0.661%
14	4.763	467	469	471	rVB3	1706	1525	0.05%	0.003%
15	4.781	471	472	475	rBV2	1772	1441	0.05%	0.003%
16	4.916	479	494	518	rBV	140646	572587	18.63%	1.067%
17	5.172	528	536	551	rVB4	8559	32095	1.04%	0.060%
18	5.422	564	577	594	rVV2	409530	1344295	43.73%	2.505%
19	5.928	650	660	672	rBV6	16306	52897	1.72%	0.099%
20	6.226	706	709	712	rVV3	945	1189	0.04%	0.002%
21	6.440	742	744	748	rBV2	1064	1375	0.04%	0.003%
22	6.531	754	759	762	rBV5	907	1645	0.05%	0.003%
23	7.074	839	848	855	rBV	92409	257632	8.38%	0.480%
24	7.165	855	863	877	rVB	441056	1194099	38.84%	2.225%
25	7.293	882	884	888	rVB4	1280	1450	0.05%	0.003%
26	7.446	907	909	910	rBV2	1318	1281	0.04%	0.002%
27	7.513	910	920	931	rBV	211800	515314	16.76%	0.960%
28	7.647	931	942	952	rBV	446286	1071561	34.86%	1.996%
29	7.872	967	979	985	rBV	187110	484583	15.76%	0.903%
30	7.952	985	992	1002	rVV2	357530	939034	30.55%	1.750%
31	8.067	1003	1011	1028	rVB	244407	612824	19.93%	1.142%
32	8.275	1033	1045	1058	rBV2	844215	2511332	81.69%	4.679%
33	8.397	1058	1065	1077	rVB	152637	332135	10.80%	0.619%
34	8.665	1105	1109	1120	rVB9	3590	9395	0.31%	0.018%

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 : GAHJ9

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 : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Title : VOC Analysis

35	8.842	1129	1138	1148	rBV	874471	1692194	55.04%	3.153%
36	8.958	1155	1157	1160	rVB4	1777	1541	0.05%	0.003%
37	9.018	1163	1167	1168	rBV4	1338	1652	0.05%	0.003%
38	9.092	1168	1179	1192	rVB	1236478	2418460	78.67%	4.506%
39	9.275	1200	1209	1213	rBV	582106	1164395	37.88%	2.169%
40	9.335	1213	1219	1232	rVB2	1179556	3074241	100.00%	5.728%
41	9.445	1232	1237	1246	rVB	52868	106335	3.46%	0.198%
42	9.646	1257	1270	1276	rBV	415388	819719	26.66%	1.527%
43	9.896	1302	1311	1318	rVV7	6541	17319	0.56%	0.032%
44	10.037	1326	1334	1336	rVV	332803	596273	19.40%	1.111%
45	10.073	1336	1340	1348	rVV	505575	886516	28.84%	1.652%
46	10.140	1348	1351	1364	rVV4	11398	26263	0.85%	0.049%
47	10.250	1364	1369	1373	rVV5	5409	9819	0.32%	0.018%
48	10.323	1373	1381	1386	rVV	1194714	2083039	67.76%	3.881%
49	10.390	1386	1392	1404	rVB	1214904	2147675	69.86%	4.001%
50	10.585	1416	1424	1438	rBV4	356401	979967	31.88%	1.826%
51	10.707	1438	1444	1449	rVV2	13683	25488	0.83%	0.047%
52	10.860	1460	1469	1475	rBV	1483376	2605819	84.76%	4.855%
53	10.927	1475	1480	1484	rVV	402263	684158	22.25%	1.275%
54	10.969	1484	1487	1492	rVV	301397	500894	16.29%	0.933%
55	11.012	1492	1494	1501	rVB	70168	103445	3.36%	0.193%
56	11.128	1506	1513	1521	rVB	361681	624552	20.32%	1.164%
57	11.396	1552	1557	1562	rBV6	3791	6406	0.21%	0.012%
58	11.634	1585	1596	1604	rBV	1226888	2080150	67.66%	3.876%
59	11.731	1605	1612	1621	rVB	1042633	1673882	54.45%	3.119%
60	11.847	1623	1631	1637	rBV	683849	1080372	35.14%	2.013%
61	12.170	1676	1684	1692	rVV	780256	1277737	41.56%	2.381%
62	12.256	1695	1698	1701	rVB4	1215	1193	0.04%	0.002%
63	12.347	1707	1713	1716	rBV6	2268	4153	0.14%	0.008%
64	12.469	1725	1733	1741	rVV	911209	1457782	47.42%	2.716%
65	12.615	1749	1757	1762	rBV2	45889	79042	2.57%	0.147%
66	12.695	1763	1770	1774	rVV	482047	814226	26.49%	1.517%
67	12.750	1774	1779	1787	rVV	995136	1683538	54.76%	3.137%
68	12.865	1796	1798	1801	rVB4	1305	1537	0.05%	0.003%
69	12.926	1806	1808	1809	rBV2	1975	1307	0.04%	0.002%
70	13.012	1818	1822	1827	rBV5	4808	7548	0.25%	0.014%
71	13.097	1832	1836	1838	rVV4	1459	1505	0.05%	0.003%

LSC Area Percent Report

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Sample : K2402-19
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHJ9

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\SOM2WLM041519S.M
Title : VOC Analysis

72	13.201	1851	1853	1855	rVB3	2760	2159	0.07%	0.004%
73	13.249	1857	1861	1864	rBV5	2231	3806	0.12%	0.007%
74	13.408	1883	1887	1892	rVB5	4840	9120	0.30%	0.017%
75	13.499	1892	1902	1907	rBV	1023731	1669987	54.32%	3.111%
76	13.560	1907	1912	1924	rVB	1313763	2071435	67.38%	3.859%
77	13.774	1940	1947	1950	rVB6	2937	5644	0.18%	0.011%
78	13.859	1950	1961	1974	rBV2	1263421	2562083	83.34%	4.774%
79	13.957	1974	1977	1984	rVV5	6429	10765	0.35%	0.020%
80	14.018	1984	1987	1989	rVV4	2694	4038	0.13%	0.008%
81	14.079	1992	1997	2004	rVB	31343	49888	1.62%	0.093%
82	14.329	2034	2038	2042	rBV6	3727	7145	0.23%	0.013%
83	14.487	2058	2064	2073	rBV2	146249	246898	8.03%	0.460%
84	14.566	2073	2077	2078	rBV4	1012	1547	0.05%	0.003%
85	14.633	2080	2088	2098	rVV	1279051	2015686	65.57%	3.756%
86	14.725	2098	2103	2108	rVB7	2042	3541	0.12%	0.007%
87	14.810	2113	2117	2119	rVB3	1541	1849	0.06%	0.003%
88	14.975	2141	2144	2147	rBV5	911	1244	0.04%	0.002%
89	15.042	2151	2155	2159	rBV7	1516	2640	0.09%	0.005%
90	15.139	2163	2171	2176	rBV7	7321	15022	0.49%	0.028%
91	15.188	2176	2179	2183	rVB5	2654	3160	0.10%	0.006%
92	15.359	2203	2207	2208	rBV3	2694	3208	0.10%	0.006%
93	15.420	2211	2217	2219	rBV3	8971	14364	0.47%	0.027%
94	15.499	2226	2230	2235	rBV	12289	21788	0.71%	0.041%
95	15.560	2235	2240	2246	rVV5	8415	15675	0.51%	0.029%
96	15.609	2246	2248	2252	rVB4	2001	1746	0.06%	0.003%
97	15.804	2277	2280	2286	rBV5	7069	11840	0.39%	0.022%
98	15.889	2292	2294	2295	rBV2	1756	1737	0.06%	0.003%
99	15.956	2303	2305	2306	rBV2	2497	2111	0.07%	0.004%
100	16.474	2387	2390	2391	rBV3	1447	1738	0.06%	0.003%

Sum of corrected areas: 53672583

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041619\
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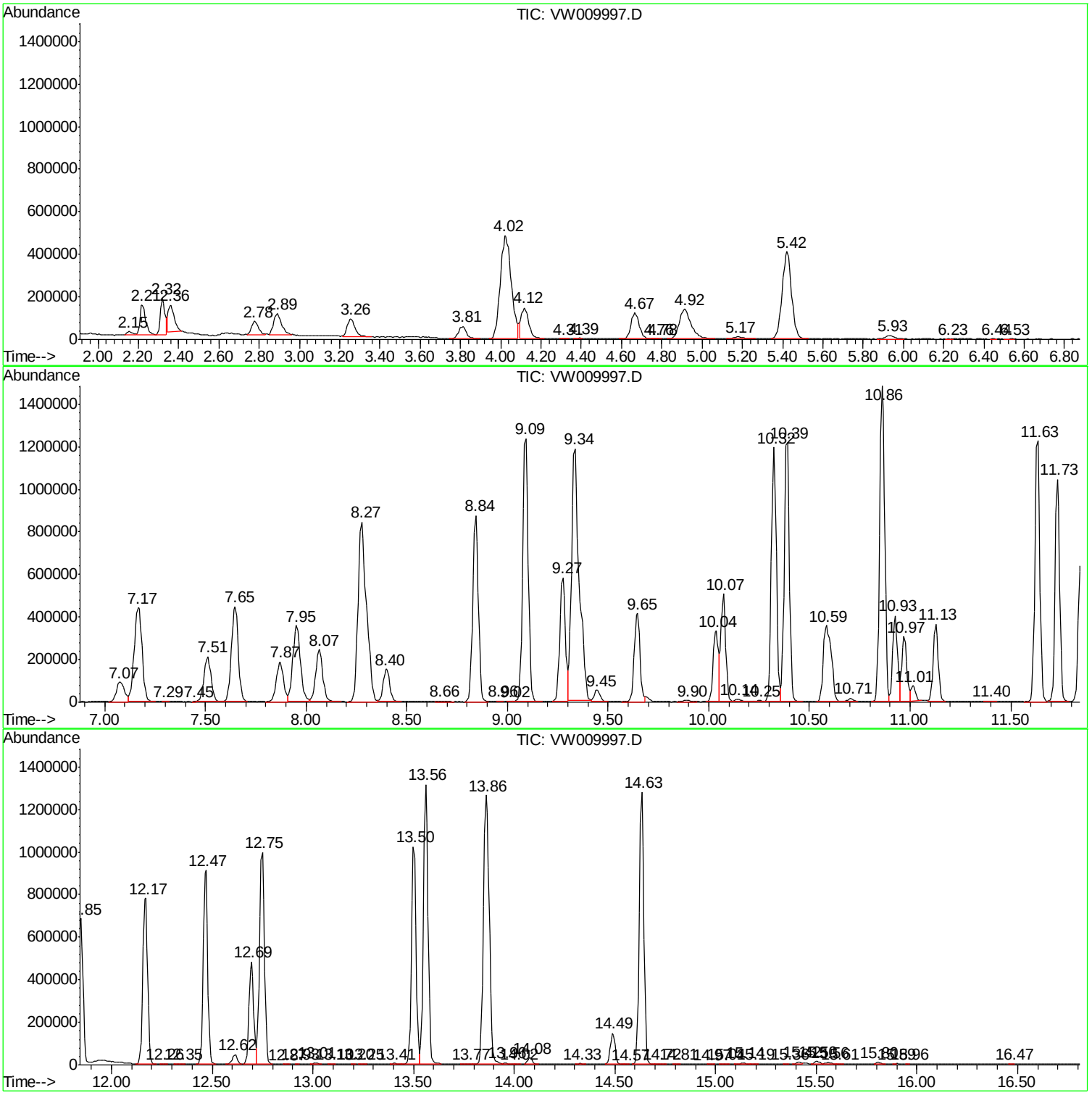
Acq On : 16 Apr 2019 15:05
Operator : SY/VA
Sample : K2402-19
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHJ9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041619\
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Instrument : MSVOA_W
ClientSampleId : GAHJ9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

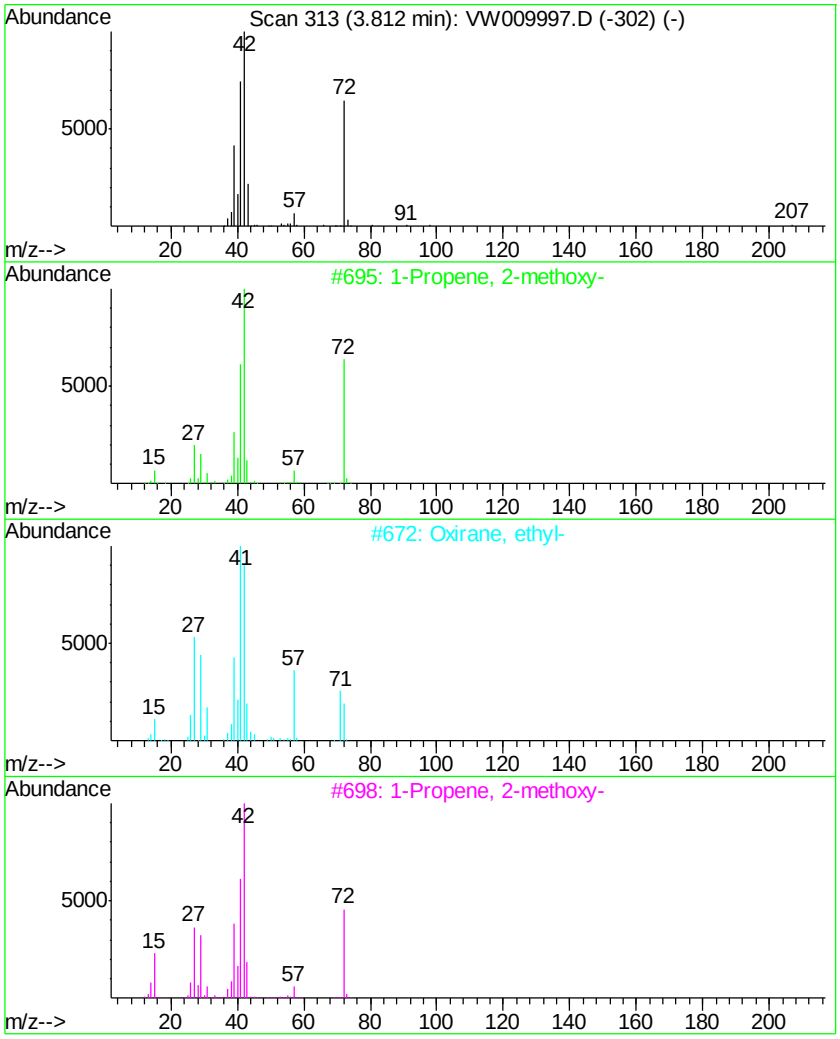
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

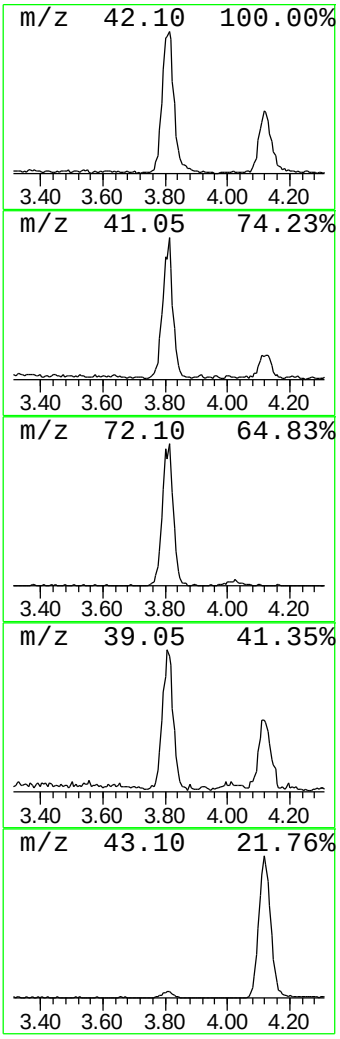
****

Peak Number 1 1-Propene, 2-methoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.81	2.23 ug/L	150820	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	72
2	Oxirane, ethyl-	72	C4H8O	000106-88-7	64
3	1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	59
4	1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	59
5	Isobutylene epoxide	72	C4H8O	000558-30-5	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041619\
Data File : VW009997.D
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Instrument : MSVOA_W
ClientSampleId : GAHJ9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

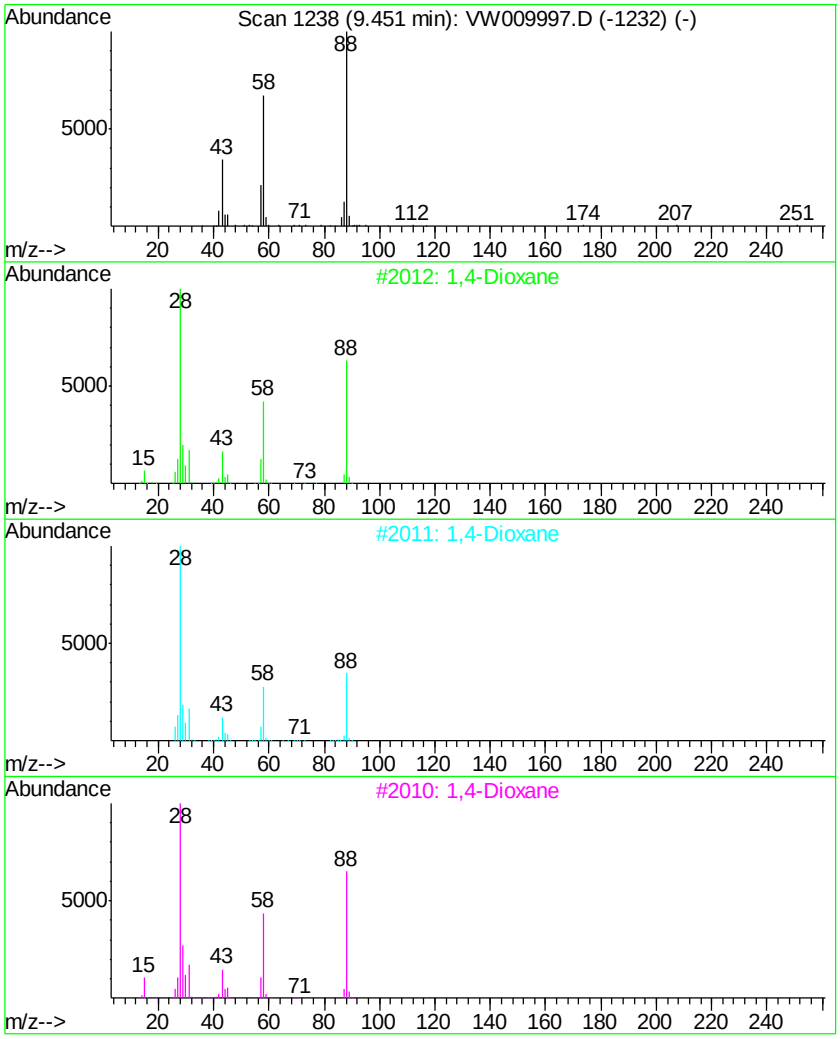
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

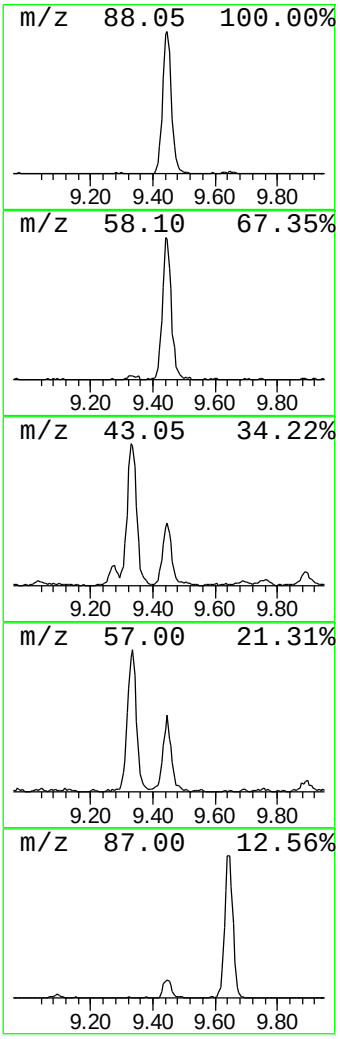
****

Peak Number 2 1,4-Dioxane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	1.57 ug/L	106335	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dioxane	88	C4H8O2	000123-91-1	91
2	1,4-Dioxane	88	C4H8O2	000123-91-1	91
3	1,4-Dioxane	88	C4H8O2	000123-91-1	90
4	1,4-Dioxane	88	C4H8O2	000123-91-1	90
5	1,3,6-Trioxocane	118	C5H10O3	001779-19-7	78





Library Search Compound Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHJ9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

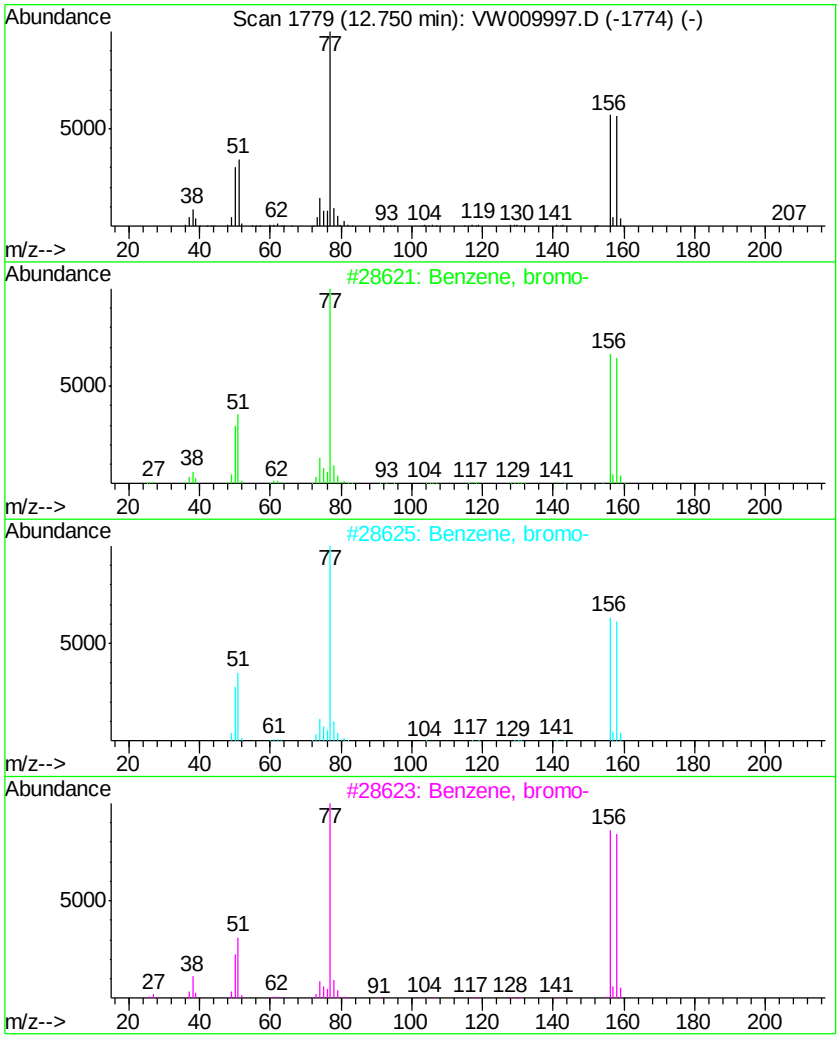
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

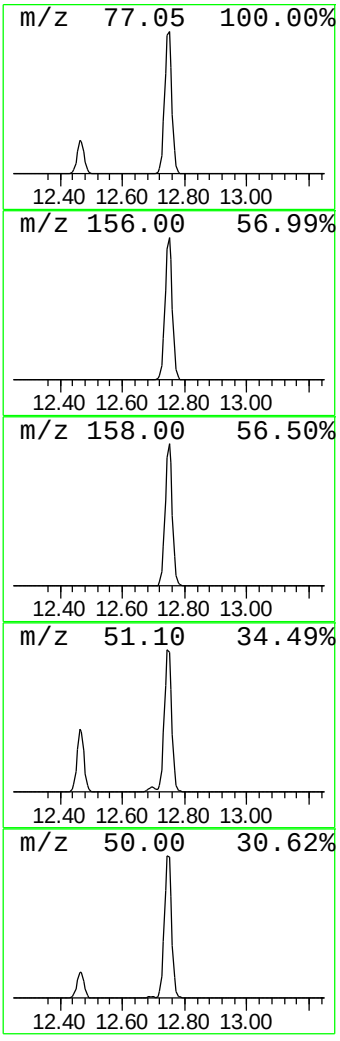
****

Peak Number 3 Benzene, bromo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	20.32 ug/L	1683540	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	96
3	Benzene, bromo-	156	C6H5Br	000108-86-1	94
4	Benzene, bromo-	156	C6H5Br	000108-86-1	91
5	Benzene, bromo-	156	C6H5Br	000108-86-1	91





Library Search Compound Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHJ9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

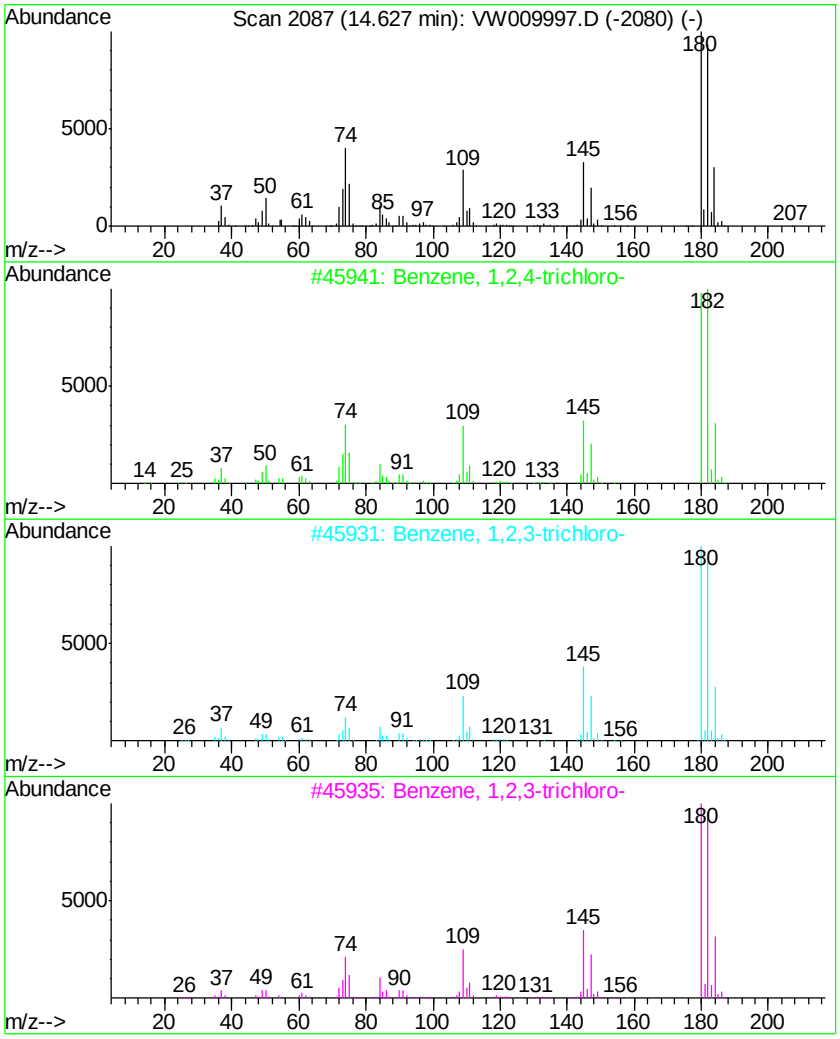
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

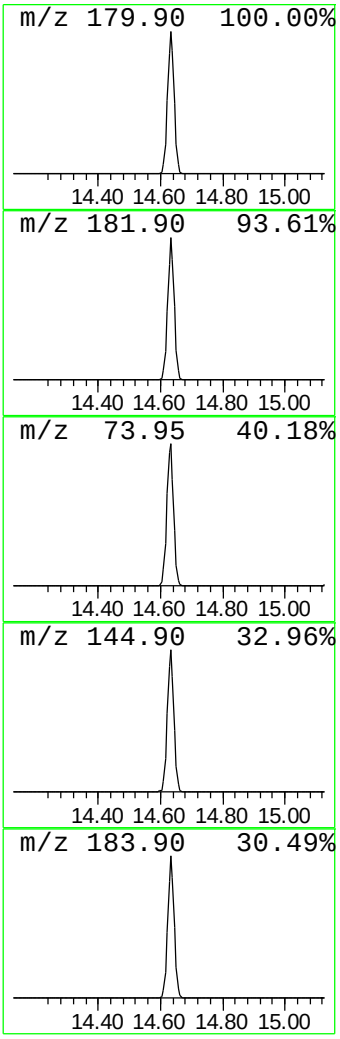
****

Peak Number 4 Benzene, 1,3,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	24.33 ug/L	2015690	1,4-Dichlorobenzene-d4	13.56

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041619\
Data File : VW009997.D
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Operator : SY/VA
Sample : K2402-19
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAHJ9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.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	2.2	ug/L	150820	1	8.84	1692190	25.0
1,4-Dioxane	9.45	1.6	ug/L	106335	1	8.84	1692190	25.0
Benzene, bromo-	12.75	20.3	ug/L	1683540	3	13.56	2071440	25.0
Benzene, 1,3,5-tr...	14.63	24.3	ug/L	2015690	3	13.56	2071440	25.0