LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071919\
Data File : VW011371.D
Acq On : 19 Jul 2019 11:36
Operator : SY/VA
Sample : K3831-06
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAMR3

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\SOM2WLM070219S.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	1.965	5	10	22	rVB3	6996	18304	1.12%	0.064%
2	2.154	35	41	46	rBV	16459	31921	1.95%	0.112%
3	2.209	46	50	62	rVV	109233	167660	10.25%	0.589%
4	2.312	62	67	70	rVV	90397	151674	9.27%	0.533%
5	2.349	70	73	92	rVB	135397	273547	16.72%	0.962%
6	2.636	116	120	126	rVB7	3594	5722	0.35%	0.020%
7	2.770	135	142	153	rBV	30333	72883	4.46%	0.256%
8	2.879	153	160	172	rVV	66841	173733	10.62%	0.611%
9	3.245	211	220	235	rBV2	32556	88334	5.40%	0.311%
10	3.379	235	242	253	rVB2	7427	19971	1.22%	0.070%
11	3.812	304	313	317	rBV	6093	15028	0.92%	0.053%
12	4.026	332	348	357	rBV4	294100	1102512	67.40%	3.876%
13	4.117	357	363	383	rVB	94848	279996	17.12%	0.984%
14	4.275	388	389	394	rVV3	1119	1478	0.09%	0.005%
15	4.397	402	409	416	rVV7	1854	6591	0.40%	0.023%
16	4.660	442	452	468	rBV	58375	175472	10.73%	0.617%
17	4.909	480	493	518	rVV2	70004	288155	17.62%	1.013%
18	5.105	520	525	526	rVV3	1246	1827	0.11%	0.006%
19	5.166	526	535	545	rVB5	4511	16074	0.98%	0.057%
20	5.415	561	576	598	rVB	230465	771631	47.17%	2.713%
21	5.739	613	629	641	rBV3	5974	21292	1.30%	0.075%
22	5.928	651	660	670	rVB5	2811	8861	0.54%	0.031%
23	7.074	839	848	853	rBV	51823	143216	8.76%	0.504%
24	7.159	853	862	874	rVB2	244458	729450	44.59%	2.565%
25	7.507	908	919	931	rVB	100925	256032	15.65%	0.900%
26	7.641	931	941	954	rBV	237809	592774	36.24%	2.084%
27	7.866	965	978	985	rBV	90772	230220	14.07%	0.809%
28	7.952	985	992	1002	rVV2	178728	470034	28.74%	1.653%
29	8.061	1002	1010	1023	rVB	112816	272936	16.69%	0.960%
30	8.269	1031	1044	1058	rBV2	529713	1580939	96.65%	5.559%
31	8.397	1058	1065	1074	rVV	73494	159311	9.74%	0.560%
32	8.671	1105	1110	1112	rBV2	1657	2392	0.15%	0.008%
33	8.842	1127	1138	1147	rBV	413026	843700	51.58%	2.966%
34	9.086	1169	1178	1191	rBV	588117	1177071	71.96%	4.139%

LSC Area Percent Report

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Acq On : 19 Jul 2019 11:36
Operator : SY/VA
Sample : K3831-06
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAMR3

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\SOM2WLM070219S.M
Title : VOC Analysis

35	9.275	1198	1209	1213	rBV	342849	715030	43.71%	2.514%
36	9.329	1213	1218	1231	rVB2	639751	1635742	100.00%	5.751%
37	9.439	1231	1236	1253	rVB	24767	57738	3.53%	0.203%
38	9.640	1261	1269	1275	rBV	189758	370681	22.66%	1.303%
39	9.689	1275	1277	1283	rVB	11561	16161	0.99%	0.057%
40	9.756	1283	1288	1300	rVB2	9928	22080	1.35%	0.078%
41	9.890	1303	1310	1319	rBV2	25156	55173	3.37%	0.194%
42	9.988	1320	1326	1327	rBV	5826	8138	0.50%	0.029%
43	10.031	1327	1333	1336	rBV	192672	347578	21.25%	1.222%
44	10.067	1336	1339	1347	rVB	240439	427405	26.13%	1.503%
45	10.146	1347	1352	1358	rVB3	5418	11095	0.68%	0.039%
46	10.250	1363	1369	1373	rVB	12386	21277	1.30%	0.075%
47	10.323	1373	1381	1386	rBV	730080	1266890	77.45%	4.454%
48	10.384	1386	1391	1403	rVB	625181	1098558	67.16%	3.863%
49	10.500	1403	1410	1415	rVB4	3078	5768	0.35%	0.020%
50	10.579	1415	1423	1426	rBV	143340	297287	18.17%	1.045%
51	10.701	1435	1443	1449	rBV	42129	74182	4.54%	0.261%
52	10.774	1449	1455	1460	rVB6	4734	9995	0.61%	0.035%
53	10.860	1460	1469	1475	rBV	725044	1250331	76.44%	4.396%
54	10.921	1475	1479	1483	rVV	194777	318176	19.45%	1.119%
55	10.969	1483	1487	1493	rVB	215666	349475	21.36%	1.229%
56	11.067	1498	1503	1506	rVV2	13681	24414	1.49%	0.086%
57	11.128	1506	1513	1518	rVV	153913	275964	16.87%	0.970%
58	11.177	1518	1521	1526	rVV2	11669	17052	1.04%	0.060%
59	11.335	1543	1547	1552	rVB4	1399	2526	0.15%	0.009%
60	11.402	1552	1558	1560	rBV2	4455	7375	0.45%	0.026%
61	11.439	1560	1564	1571	rVB	12855	21466	1.31%	0.075%
62	11.628	1585	1595	1603	rBV	578507	977785	59.78%	3.438%
63	11.731	1604	1612	1621	rVV	530005	863304	52.78%	3.035%
64	11.841	1621	1630	1641	rVV	339056	552742	33.79%	1.943%
65	11.957	1647	1649	1656	rVB7	954	1244	0.08%	0.004%
66	12.164	1675	1683	1693	rVV	419643	656930	40.16%	2.310%
67	12.341	1708	1712	1718	rVB6	731	1653	0.10%	0.006%
68	12.463	1725	1732	1739	rBV	474963	741924	45.36%	2.609%
69	12.609	1749	1756	1763	rBV	65121	108775	6.65%	0.382%
70	12.689	1763	1769	1774	rBV	235602	416003	25.43%	1.463%
71	12.743	1774	1778	1788	rVB	504898	817217	49.96%	2.873%

LSC Area Percent Report

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Acq On : 19 Jul 2019 11:36
Operator : SY/VA
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Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAMR3

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\SOM2WLM070219S.M
Title : VOC Analysis

72	12.932	1804	1809	1814	rVV5	3591	6685	0.41%	0.024%
73	13.012	1818	1822	1824	rVV5	1989	3009	0.18%	0.011%
74	13.030	1824	1825	1830	rVV3	2189	2717	0.17%	0.010%
75	13.079	1830	1833	1839	rVB6	1937	3081	0.19%	0.011%
76	13.195	1848	1852	1859	rVB2	4192	7300	0.45%	0.026%
77	13.298	1859	1869	1876	rVB5	5834	11748	0.72%	0.041%
78	13.408	1879	1887	1892	rBV3	7503	14314	0.88%	0.050%
79	13.499	1892	1902	1907	rBV	516868	834015	50.99%	2.932%
80	13.560	1907	1912	1926	rVB	588871	965690	59.04%	3.395%
81	13.768	1939	1946	1949	rBV5	4345	8517	0.52%	0.030%
82	13.798	1949	1951	1953	rVV3	1569	1696	0.10%	0.006%
83	13.859	1953	1961	1974	rVV3	667710	1359268	83.10%	4.779%
84	14.072	1991	1996	2002	rVV2	32154	49782	3.04%	0.175%
85	14.201	2013	2017	2021	rVV5	1960	3139	0.19%	0.011%
86	14.304	2031	2034	2035	rVV3	1284	1338	0.08%	0.005%
87	14.329	2035	2038	2042	rVV3	2803	4303	0.26%	0.015%
88	14.359	2042	2043	2048	rVB3	1077	1160	0.07%	0.004%
89	14.487	2057	2064	2072	rBV	61059	103472	6.33%	0.364%
90	14.627	2080	2087	2096	rBV	628003	1009465	61.71%	3.549%
91	14.725	2099	2103	2112	rVB5	1617	3030	0.19%	0.011%
92	14.883	2125	2129	2132	rVB6	645	1253	0.08%	0.004%
93	15.133	2165	2170	2175	rVV4	3019	5215	0.32%	0.018%
94	15.365	2202	2208	2213	rBV6	1532	3222	0.20%	0.011%
95	15.444	2215	2221	2225	rVV2	15182	26390	1.61%	0.093%
96	15.493	2225	2229	2236	rVV2	3979	7835	0.48%	0.028%
97	15.560	2236	2240	2245	rVB5	2093	4015	0.25%	0.014%
98	15.694	2259	2262	2265	rVV4	747	1065	0.07%	0.004%
99	15.761	2269	2273	2275	rVV3	719	1033	0.06%	0.004%
100	15.853	2284	2288	2293	rVV6	1019	1599	0.10%	0.006%

Sum of corrected areas: 28441231

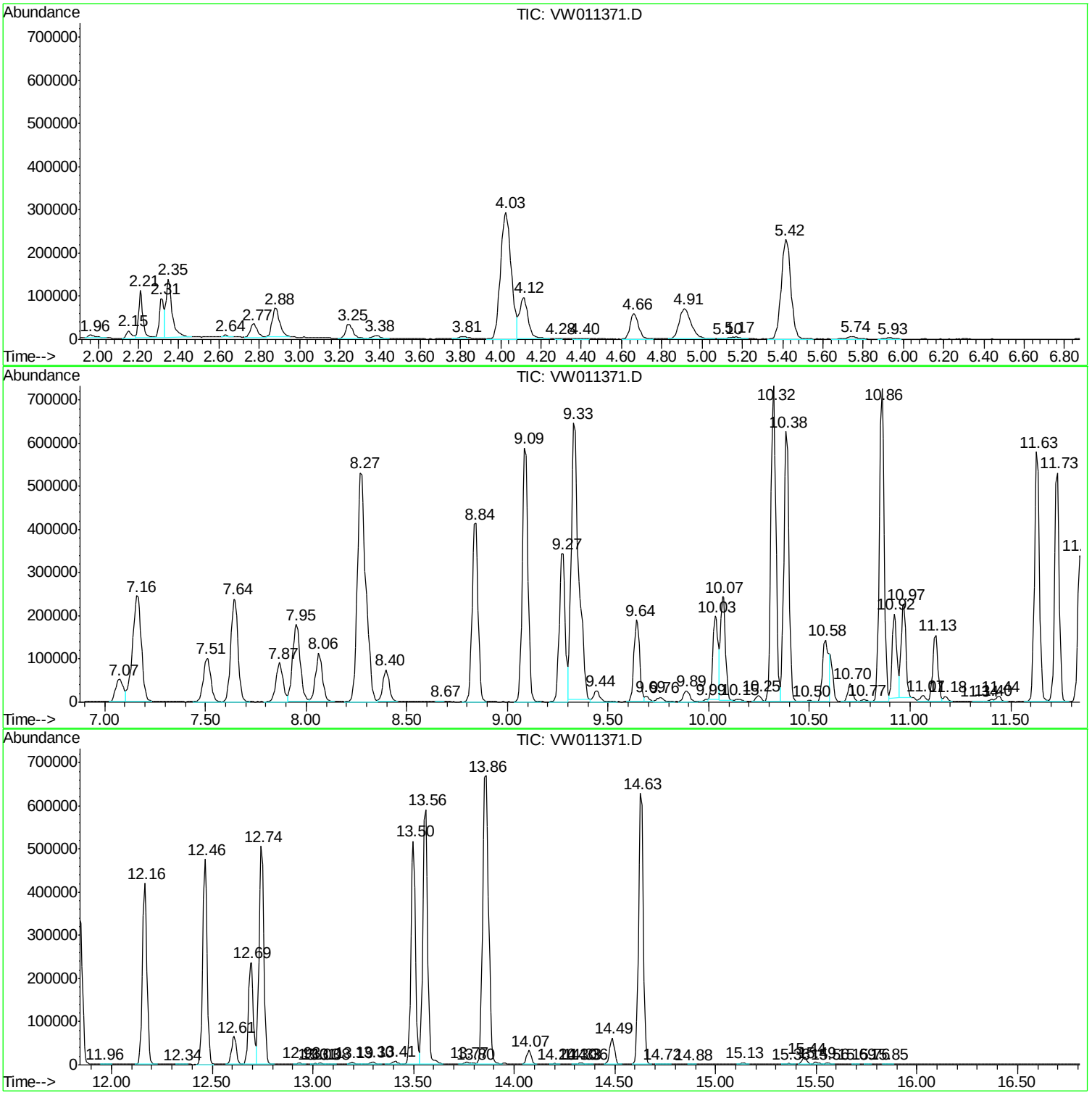
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071919\
Data File : VW011371.D
Acq On : 19 Jul 2019 11:36
Operator : SY/VA
Sample : K3831-06
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAMR3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.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\VW071919\
Data File : VW011371.D
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Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAMR3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

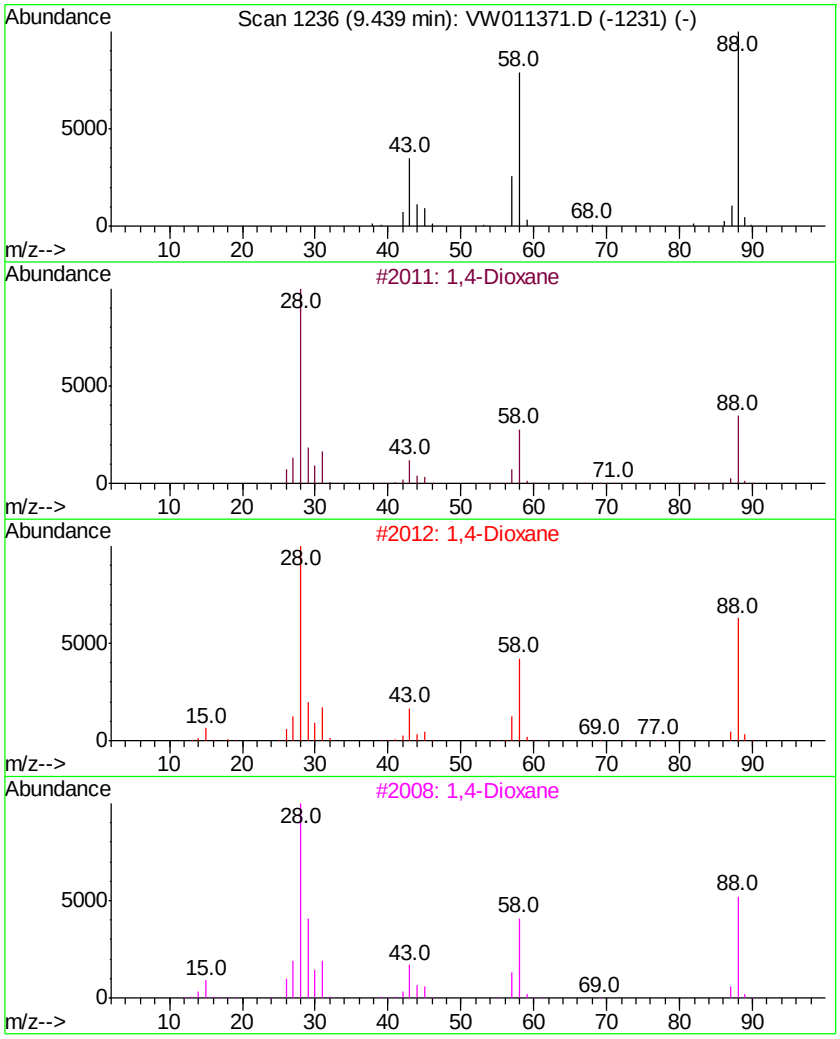
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

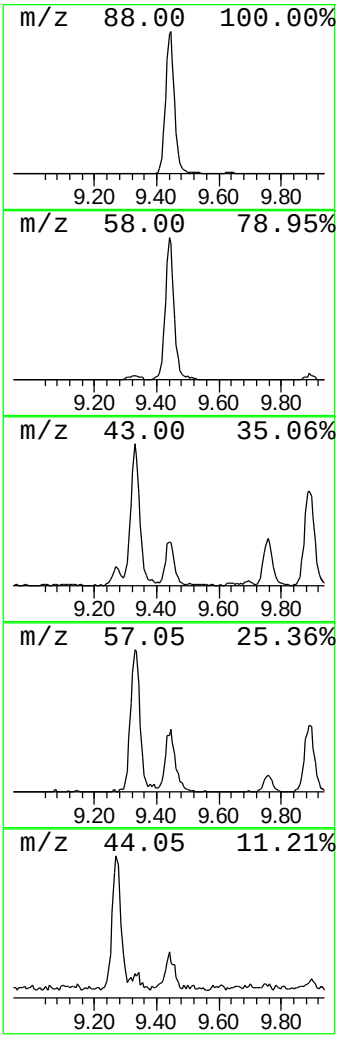
****

Peak Number 1 1,4-Dioxane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	1.71 ug/L	57738	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	91
4	1,4-Dioxane	88	C4H8O2	000123-91-1	90
5	1-Propanamine, N-ethyl-	87	C5H13N	020193-20-8	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071919\
Data File : VW011371.D
Acq On : 19 Jul 2019 11:36
Operator : SY/VA
Sample : K3831-06
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAMR3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

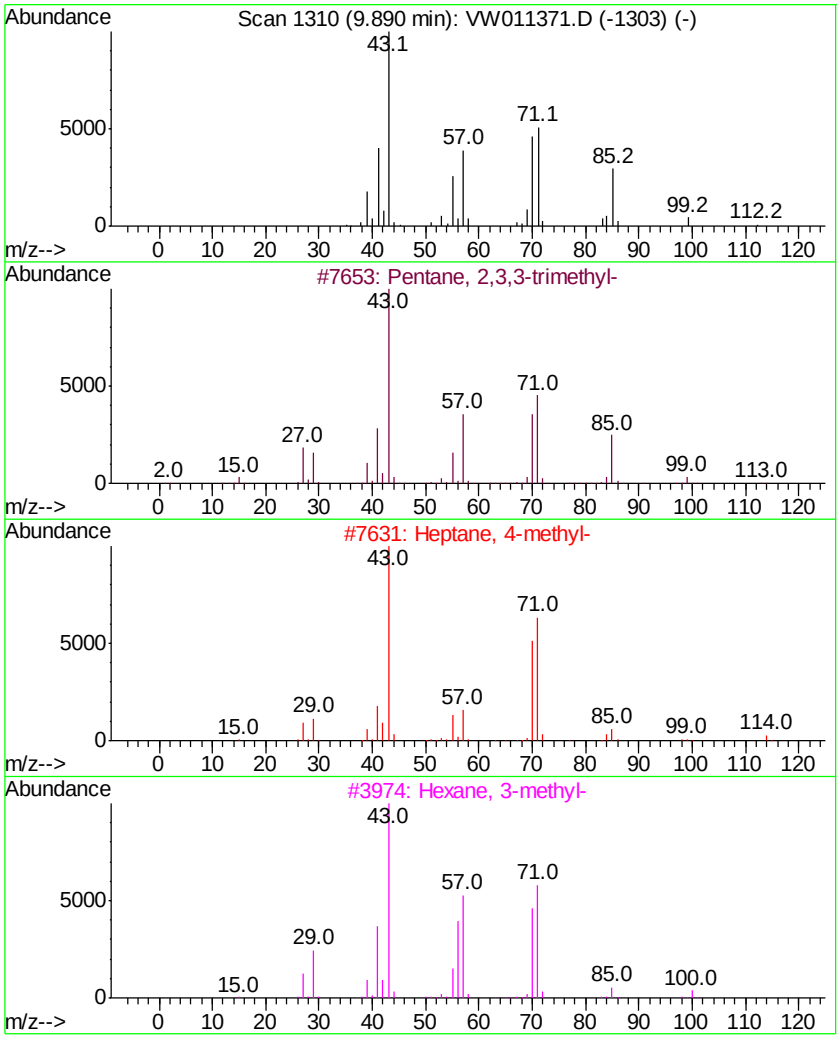
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

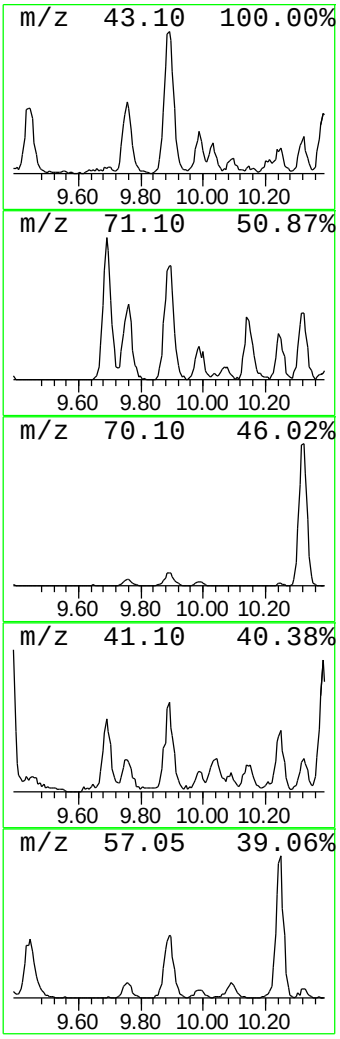
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	1.63 ug/L	55173	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	59
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071919\
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Acq On : 19 Jul 2019 11:36
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAMR3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

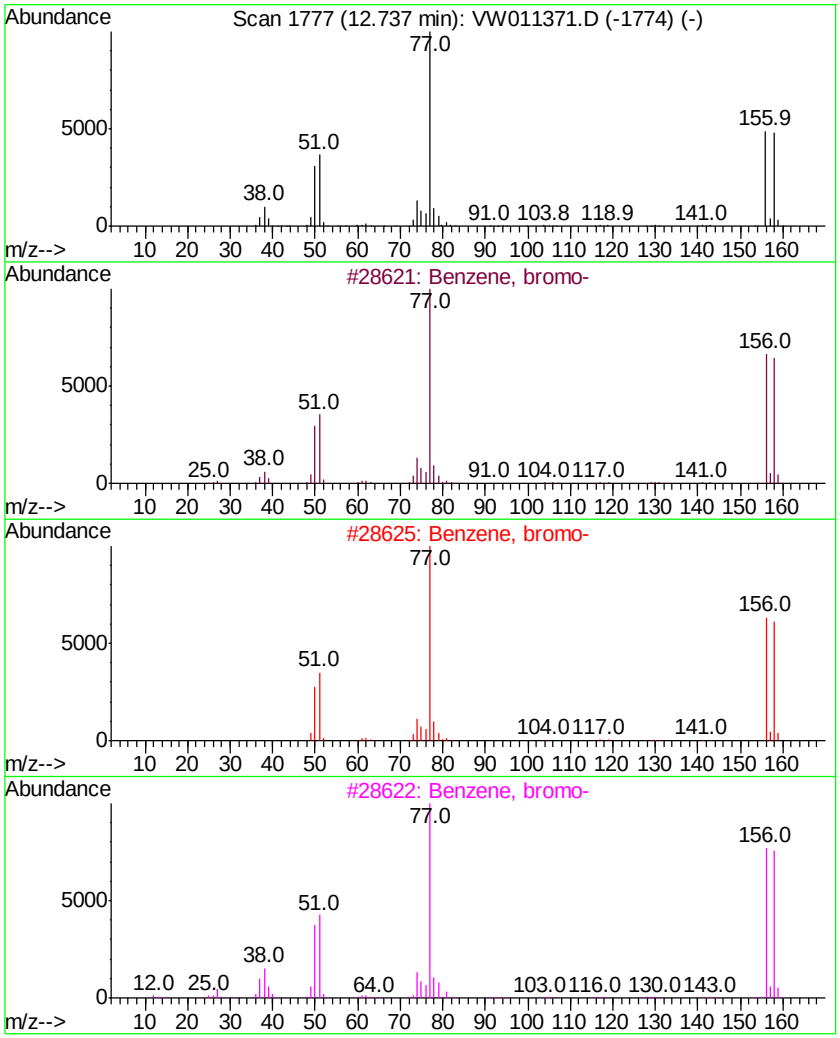
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

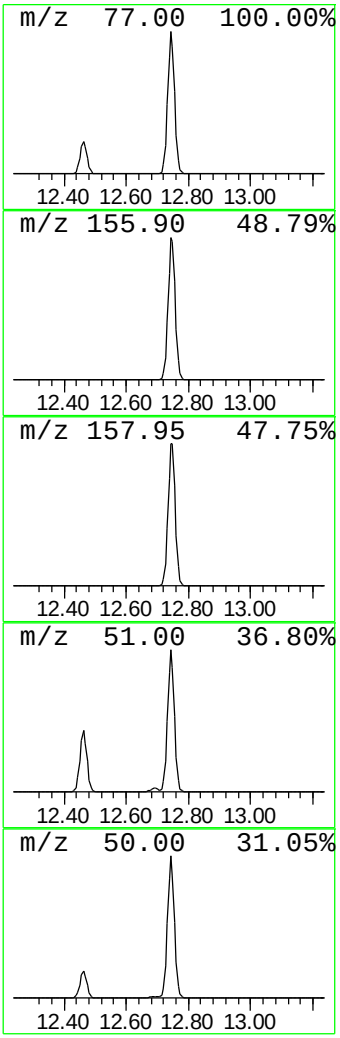
****

Peak Number 5 Benzene, bromo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	21.16 ug/L	817217	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	95
4	Benzene, bromo-	156	C6H5Br	000108-86-1	94
5	Benzene, bromo-	156	C6H5Br	000108-86-1	94





Library Search Compound Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAMR3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

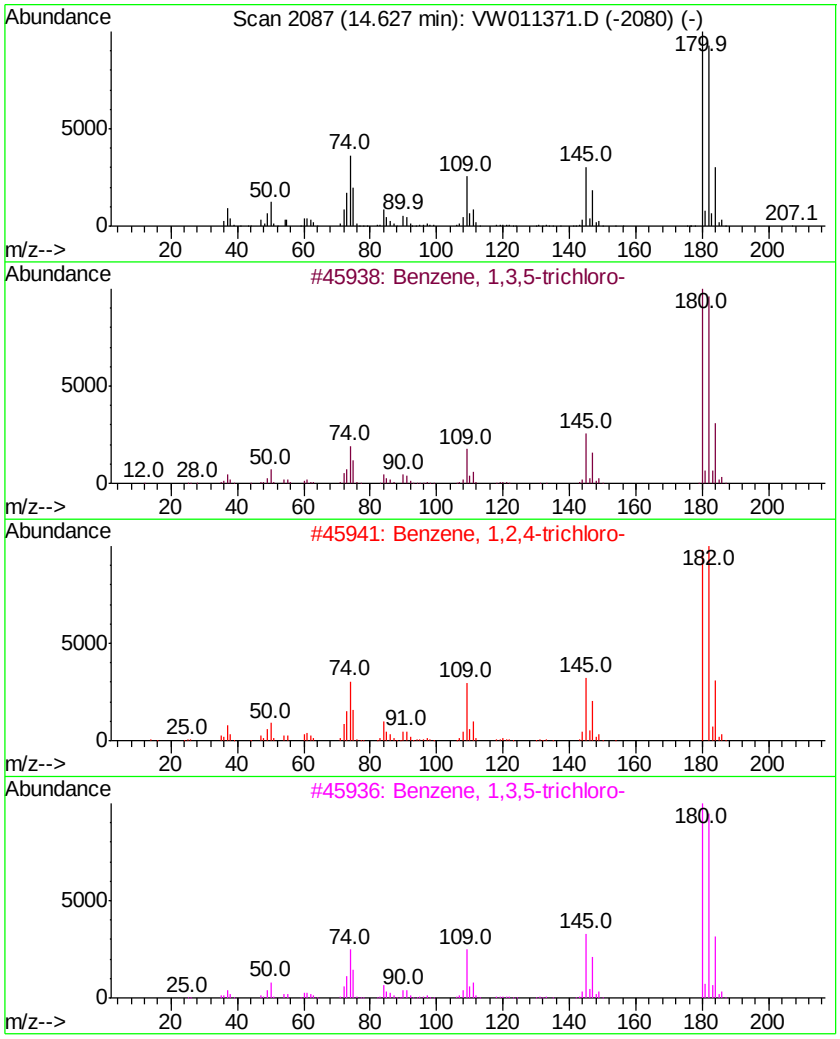
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

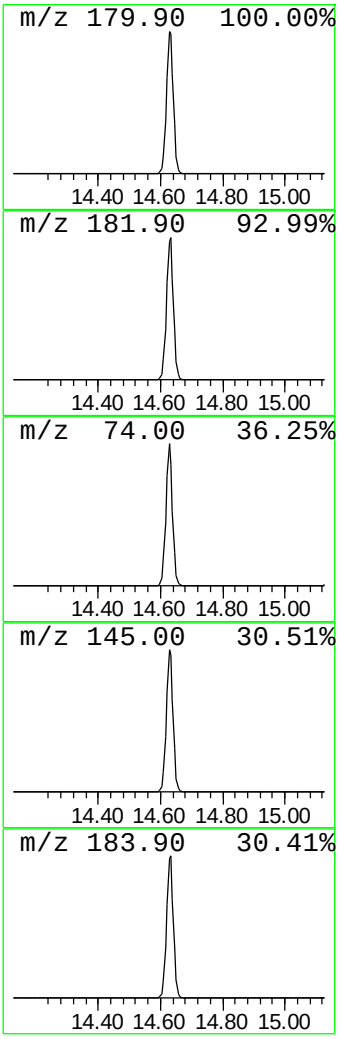
****

Peak Number 7 Benzene, 1,3,5-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	26.13 ug/L	1009470	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	97
2	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	96
3	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96
4	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96
5	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071919\
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Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAMR3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.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	9.44	1.7	ug/L	57738	1	8.84	843700	25.0
(DEL) Alkane: Str...	9.89	1.6	ug/L	55173	1	8.84	843700	25.0
Benzene, bromo-	12.74	21.2	ug/L	817217	3	13.56	965690	25.0
Benzene, 1,3,5-tr...	14.63	26.1	ug/L	1009470	3	13.56	965690	25.0