LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112719\
Data File : VW014164.D
Acq On : 27 Nov 2019 17:30
Operator : SY/VA
Sample : K6063-03RE
Misc : 5.39G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM9RE

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\SOM2WLM111119S.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	48	rBV	7938	15590	2.12%	0.365%
2	2.343	67	72	81	rVB	39251	71525	9.72%	1.674%
3	2.885	154	161	172	rVB	33634	78027	10.61%	1.826%
4	3.477	255	258	262	rVV3	788	1004	0.14%	0.024%
5	3.519	264	265	269	rVV3	657	808	0.11%	0.019%
6	3.568	272	273	275	rVB2	620	317	0.04%	0.007%
7	3.843	316	318	321	rVB2	385	366	0.05%	0.009%
8	4.013	335	346	360	rBV	60813	193303	26.28%	4.525%
9	4.233	380	382	385	rBV	193	264	0.04%	0.006%
10	4.385	403	407	408	rVV2	741	881	0.12%	0.021%
11	4.403	408	410	416	rVB2	930	1091	0.15%	0.026%
12	4.513	426	428	433	rVB2	329	383	0.05%	0.009%
13	4.666	452	453	456	rBV2	323	257	0.03%	0.006%
14	4.781	470	472	474	rBV	291	268	0.04%	0.006%
15	4.977	503	504	506	rBV2	372	279	0.04%	0.007%
16	5.007	506	509	511	rVV	497	457	0.06%	0.011%
17	5.025	511	512	516	rVB	401	289	0.04%	0.007%
18	5.111	520	526	527	rBV	576	527	0.07%	0.012%
19	5.159	532	534	537	rBV2	281	359	0.05%	0.008%
20	5.525	591	594	599	rVB2	293	447	0.06%	0.010%
21	5.562	599	600	602	rBV	406	288	0.04%	0.007%
22	5.623	608	610	613	rBV2	330	397	0.05%	0.009%
23	5.665	613	617	618	rVV2	248	244	0.03%	0.006%
24	5.769	632	634	638	rVB2	320	318	0.04%	0.007%
25	5.921	657	659	660	rBV	389	284	0.04%	0.007%
26	5.940	660	662	667	rVB4	588	734	0.10%	0.017%
27	6.092	686	687	689	rBV	324	286	0.04%	0.007%
28	6.153	695	697	699	rVV	402	287	0.04%	0.007%
29	6.513	753	756	759	rBV2	239	361	0.05%	0.008%
30	6.769	796	798	800	rBV2	291	328	0.04%	0.008%
31	6.848	806	811	812	rVB	280	393	0.05%	0.009%
32	6.866	812	814	816	rBV2	354	313	0.04%	0.007%
33	7.074	839	848	853	rBV	31773	85299	11.60%	1.997%
34	7.433	903	907	910	rVB3	643	900	0.12%	0.021%

LSC Area Percent Report

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Operator : SY/VA
Sample : K6063-03RE
Misc : 5.39G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM9RE

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\SOM2WLM111119S.M
Title : VOC Analysis

35	7.641	931	941	953	rBV	133802	327255	44.49%	7.660%
36	7.793	962	966	967	rBV2	374	402	0.05%	0.009%
37	7.830	970	972	973	rBV2	402	400	0.05%	0.009%
38	7.946	988	991	995	rVB2	1499	2166	0.29%	0.051%
39	8.031	1002	1005	1007	rBV2	428	521	0.07%	0.012%
40	8.061	1007	1010	1012	rVV2	257	348	0.05%	0.008%
41	8.110	1014	1018	1019	rBV3	472	535	0.07%	0.013%
42	8.275	1033	1045	1059	rBV2	244749	735612	100.00%	17.219%
43	8.439	1071	1072	1078	rBV2	690	997	0.14%	0.023%
44	8.592	1095	1097	1099	rVB	434	262	0.04%	0.006%
45	8.622	1099	1102	1104	rBV2	522	698	0.09%	0.016%
46	8.787	1125	1129	1130	rBV3	336	540	0.07%	0.013%
47	8.842	1130	1138	1148	rVV	197959	395156	53.72%	9.250%
48	8.982	1159	1161	1162	rVB2	396	261	0.04%	0.006%
49	9.049	1170	1172	1173	rBV2	450	273	0.04%	0.006%
50	9.073	1173	1176	1180	rVV3	805	1124	0.15%	0.026%
51	9.153	1187	1189	1191	rBV2	375	318	0.04%	0.007%
52	9.275	1200	1209	1217	rBV	183965	383349	52.11%	8.973%
53	9.372	1223	1225	1227	rVB2	584	473	0.06%	0.011%
54	9.415	1230	1232	1235	rVB2	523	459	0.06%	0.011%
55	9.671	1268	1274	1277	rVB4	1337	2464	0.33%	0.058%
56	9.756	1287	1288	1290	rBV	275	300	0.04%	0.007%
57	9.835	1297	1301	1302	rBV3	334	369	0.05%	0.009%
58	9.890	1306	1310	1311	rBV3	657	741	0.10%	0.017%
59	9.963	1321	1322	1325	rVB2	389	370	0.05%	0.009%
60	10.031	1325	1333	1341	rBV	58683	112819	15.34%	2.641%
61	10.128	1345	1349	1351	rBV3	720	925	0.13%	0.022%
62	10.207	1359	1362	1366	rBV3	786	1524	0.21%	0.036%
63	10.323	1373	1381	1389	rBV	268006	474580	64.51%	11.109%
64	10.579	1416	1423	1431	rBV	31418	55226	7.51%	1.293%
65	10.701	1438	1443	1450	rVV2	17923	32716	4.45%	0.766%
66	10.921	1473	1479	1490	rBV	99528	172129	23.40%	4.029%
67	11.061	1498	1502	1510	rVB2	7620	13040	1.77%	0.305%
68	11.128	1510	1513	1517	rBV3	447	685	0.09%	0.016%
69	11.177	1517	1521	1527	rBV3	895	1539	0.21%	0.036%
70	11.433	1559	1563	1571	rVB2	8895	14997	2.04%	0.351%
71	11.628	1588	1595	1609	rVB	196698	340428	46.28%	7.969%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112719\
Data File : VW014164.D
Acq On : 27 Nov 2019 17:30
Operator : SY/VA
Sample : K6063-03RE
Misc : 5.39G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM9RE

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\SOM2WLM111119S.M
Title : VOC Analysis

72	11.762	1616	1617	1621	rBV3	431	462	0.06%	0.011%
73	12.134	1677	1678	1679	rBV	740	342	0.05%	0.008%
74	12.463	1730	1732	1735	rVB2	665	689	0.09%	0.016%
75	12.542	1743	1745	1747	rBV	368	302	0.04%	0.007%
76	12.609	1750	1756	1763	rVV2	27922	46050	6.26%	1.078%
77	12.689	1763	1769	1777	rVB	161267	266000	36.16%	6.227%
78	12.762	1777	1781	1782	rBV3	1274	1530	0.21%	0.036%
79	12.823	1789	1791	1794	rVB2	397	386	0.05%	0.009%
80	12.847	1794	1795	1798	rBV2	374	430	0.06%	0.010%
81	12.890	1800	1802	1804	rVB	467	263	0.04%	0.006%
82	12.932	1804	1809	1813	rBV2	5053	7676	1.04%	0.180%
83	13.006	1818	1821	1822	rBV2	401	489	0.07%	0.011%
84	13.231	1855	1858	1862	rBV3	535	612	0.08%	0.014%
85	13.292	1864	1868	1874	rVB4	4532	7217	0.98%	0.169%
86	13.384	1880	1883	1884	rBV2	632	627	0.09%	0.015%
87	13.402	1884	1886	1891	rVB4	2138	2918	0.40%	0.068%
88	13.512	1900	1904	1905	rBV3	940	1039	0.14%	0.024%
89	13.554	1905	1911	1918	rVV	75356	124091	16.87%	2.905%
90	13.755	1942	1944	1949	rVV4	1378	2221	0.30%	0.052%
91	13.853	1953	1960	1967	rBV	136000	226740	30.82%	5.308%
92	14.005	1983	1985	1986	rBV2	532	273	0.04%	0.006%
93	14.066	1991	1995	2007	rVB2	12000	20759	2.82%	0.486%
94	14.304	2031	2034	2035	rBV2	1140	951	0.13%	0.022%
95	14.688	2093	2097	2098	rBV3	684	768	0.10%	0.018%
96	14.841	2120	2122	2123	rVB2	650	275	0.04%	0.006%
97	14.920	2133	2135	2142	rVB4	670	570	0.08%	0.013%
98	15.133	2166	2170	2174	rVB4	4616	6479	0.88%	0.152%
99	15.432	2215	2219	2226	rVB2	10792	17717	2.41%	0.415%
100	15.755	2270	2272	2274	rBV3	1072	1294	0.18%	0.030%

Sum of corrected areas: 4272045

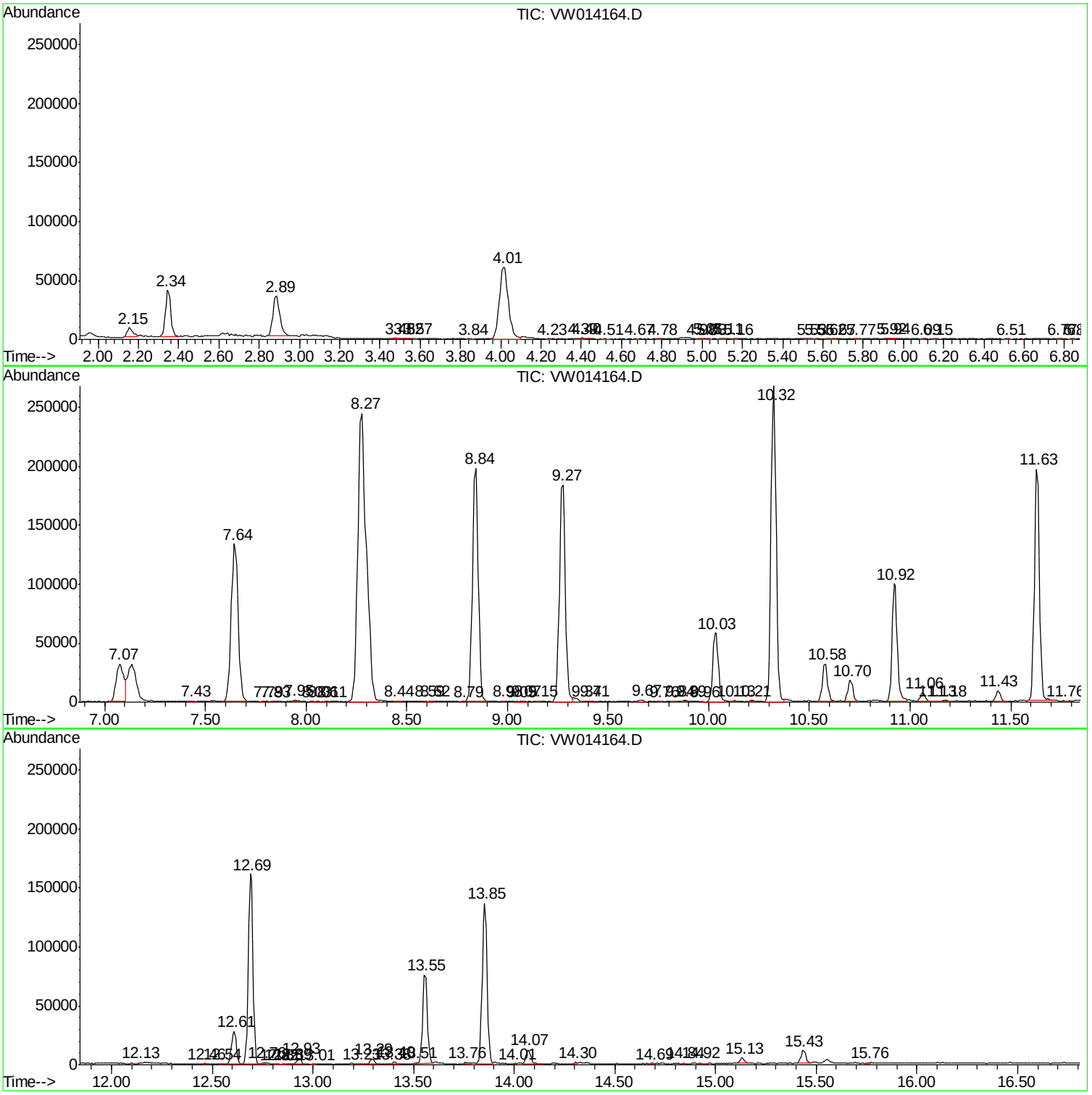
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112719\
Data File : VW014164.D
Acq On : 27 Nov 2019 17:30
Operator : SY/VA
Sample : K6063-03RE
Misc : 5.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM9RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112719\
Data File : VW014164.D
Acq On : 27 Nov 2019 17:30
Operator : SY/VA
Sample : K6063-03RE
Misc : 5.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM9RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

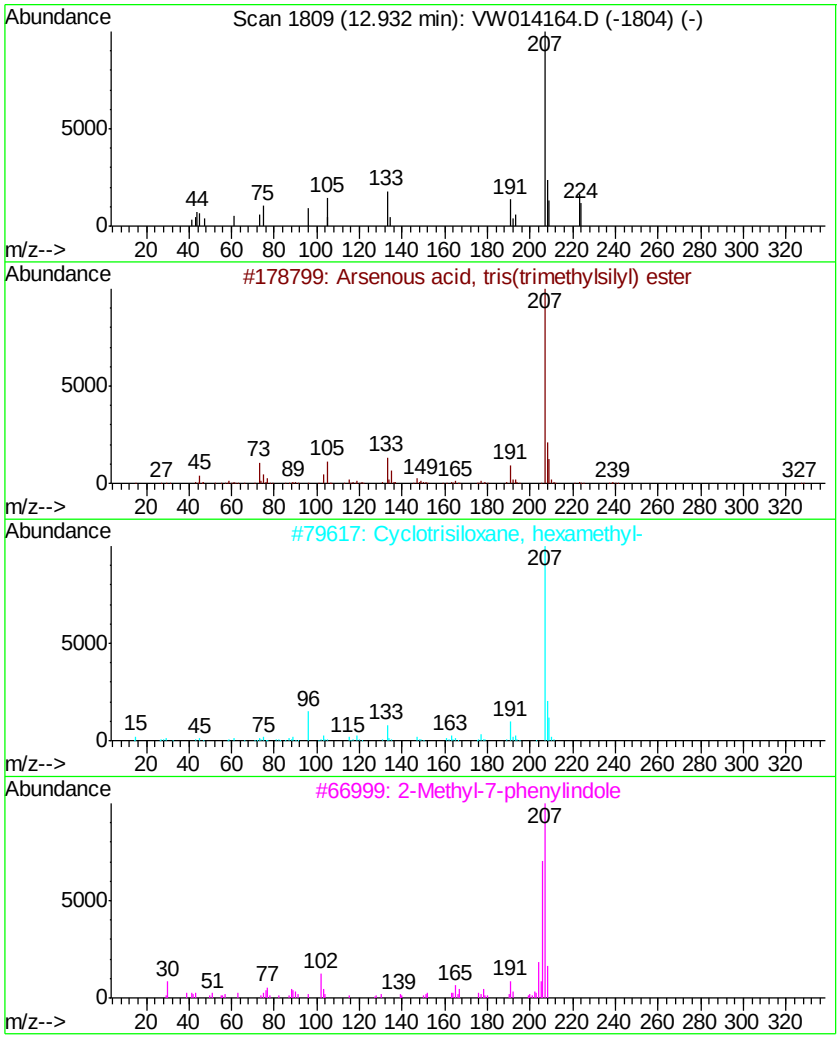
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

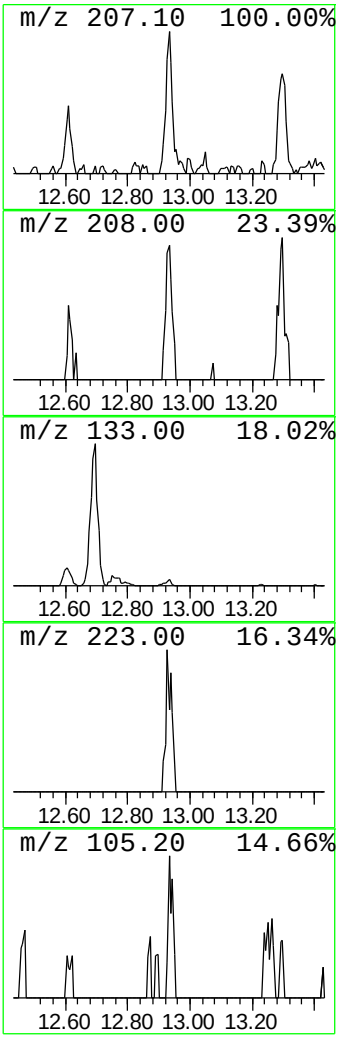
****

Peak Number 4 Arsenous acid, tris(trimeth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	1.55 ug/L	7676	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	50
2	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	45
3	2-Methyl-7-phenylindole	207	C15H13N	001140-08-5	38
4	1,1,1,3,5,5,5-Heptamethyltrisilo...	222	C7H22O2Si3	001873-88-7	33
5	1,2-Benzisothiazol-3-amine tms	222	C10H14N2SSi	1000332-66-2	33





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112719\
Data File : VW014164.D
Acq On : 27 Nov 2019 17:30
Operator : SY/VA
Sample : K6063-03RE
Misc : 5.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM9RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

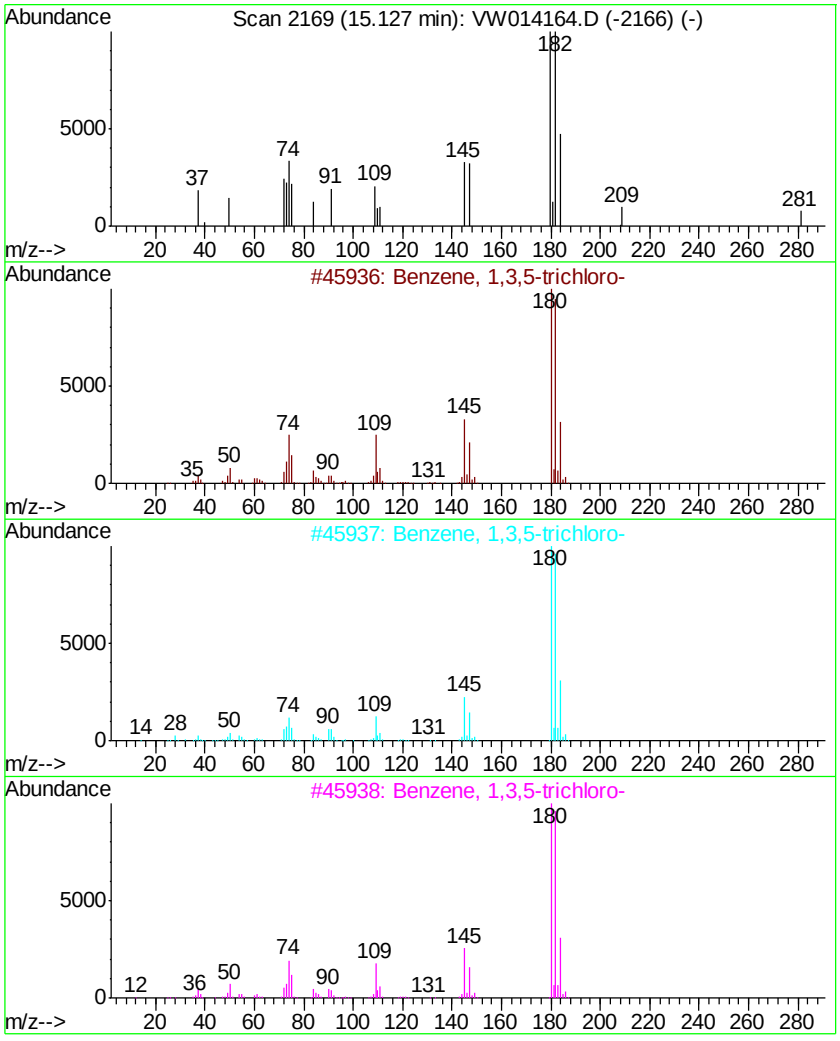
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

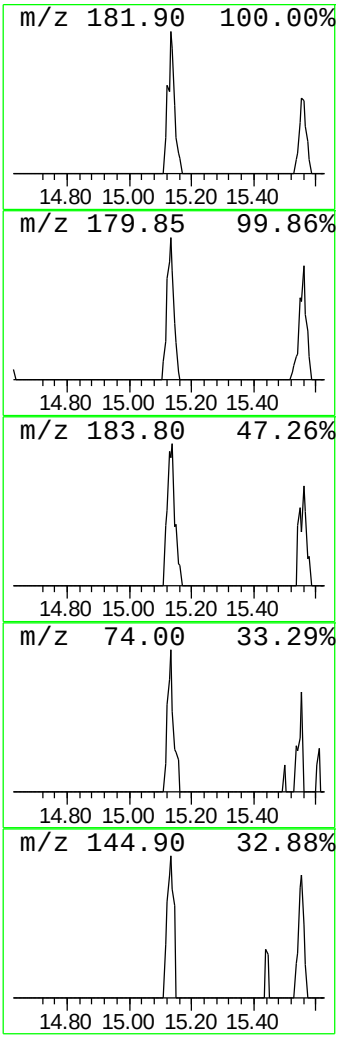
****

Peak Number 7 Benzene, 1,2,3-trichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	1.31 ug/L	6479	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	91
2	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	90
3	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	87
4	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	86
5	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	86





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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM9RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

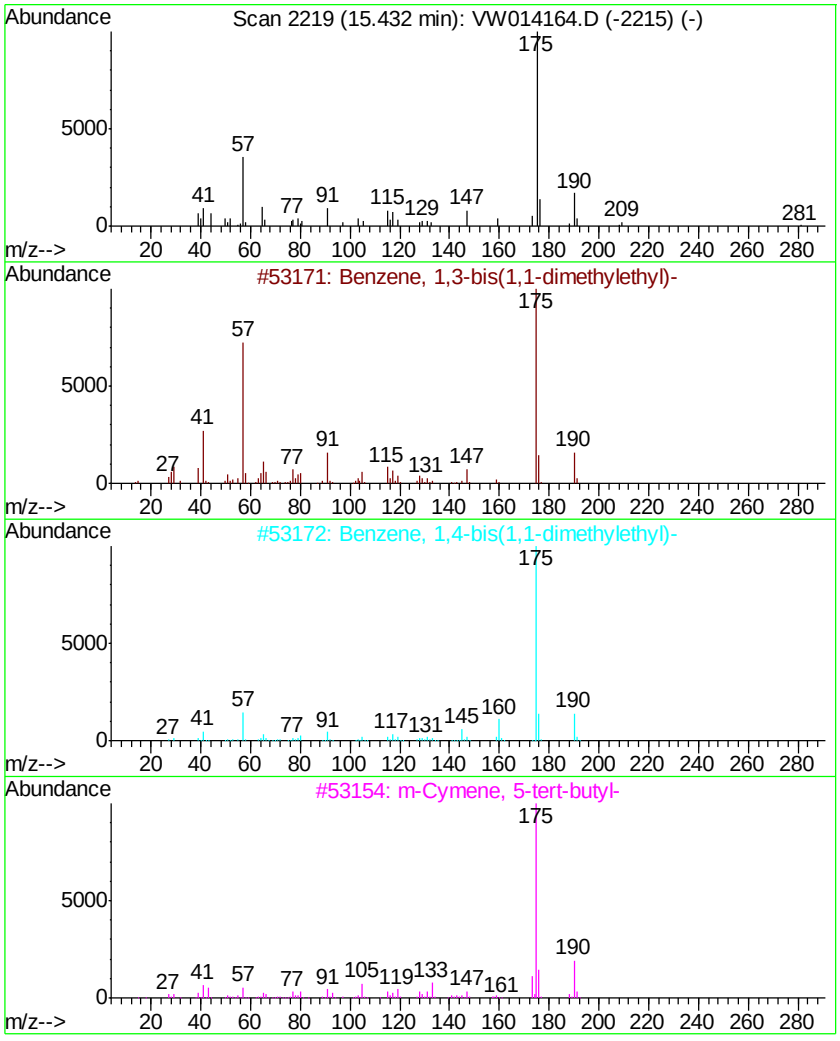
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

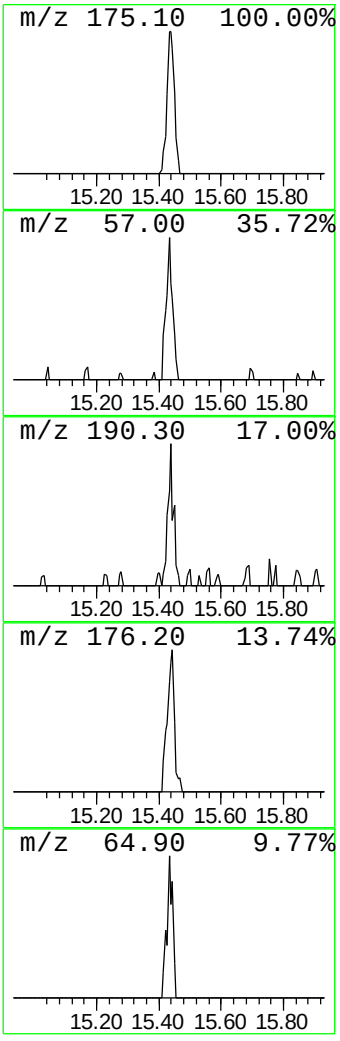
****

Peak Number 8 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	3.57 ug/L	17717	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	86
2	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	86
3	m-Cymene, 5-tert-butyl-	190	C14H22	029577-19-3	80
4	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	80
5	Benzene, 1,5-dimethyl-2,4-bis(1-...	190	C14H22	005186-68-5	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112719\
Data File : VW014164.D
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0BM9RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.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
Arsenous acid, tr...	12.93	1.6	ug/L	7676	3	13.56	124091	25.0
Benzene, 1,2,3-tr...	15.13	1.3	ug/L	6479	3	13.56	124091	25.0
Benzene, 1,3-bis(...	15.43	3.6	ug/L	17717	3	13.56	124091	25.0