LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032319\
Data File : VU030344.D
Acq On : 23 Mar 2019 16:52
Operator : JC/SP
Sample : K2063-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6R3

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_U\METHOD\SOMULM032319WMA.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	1.180	24	28	37	rVB3	14473	14613	0.43%	0.037%
2	1.399	89	96	112	rBV2	499731	542892	16.08%	1.373%
3	1.662	170	178	181	rBV	193648	238056	7.05%	0.602%
4	2.270	355	367	381	rBV3	588772	1065873	31.57%	2.696%
5	2.473	418	430	452	rVB	396607	644337	19.08%	1.630%
6	2.614	464	474	489	rBV	254075	421208	12.48%	1.065%
7	2.698	489	500	518	rVB	255734	460415	13.64%	1.164%
8	2.997	576	593	615	rBV	418045	910797	26.98%	2.303%
9	3.228	658	665	674	rVB	2563	4551	0.13%	0.012%
10	3.293	680	685	688	rBV2	1248	1265	0.04%	0.003%
11	3.440	714	731	752	rBV	120767	272048	8.06%	0.688%
12	3.643	788	794	795	rBV	1267	1124	0.03%	0.003%
13	3.756	825	829	833	rVB	2261	1743	0.05%	0.004%
14	3.801	840	843	846	rVB2	1634	1119	0.03%	0.003%
15	3.839	846	855	858	rBV	1765	2763	0.08%	0.007%
16	3.977	893	898	905	rVB	1565	2263	0.07%	0.006%
17	4.035	914	916	922	rVB	2009	1730	0.05%	0.004%
18	4.064	922	925	928	rBV	1209	1137	0.03%	0.003%
19	4.174	947	959	967	rBV	189445	435185	12.89%	1.101%
20	4.405	1029	1031	1037	rVB	1738	1809	0.05%	0.005%
21	4.437	1037	1041	1045	rBV	1468	1314	0.04%	0.003%
22	4.456	1045	1047	1051	rVB	1858	1220	0.04%	0.003%
23	4.514	1059	1065	1067	rBV	1424	1216	0.04%	0.003%
24	4.643	1086	1105	1125	rBV	282460	672118	19.91%	1.700%
25	4.804	1152	1155	1158	rBV	1995	1244	0.04%	0.003%
26	4.910	1172	1188	1209	rVV	254253	613958	18.18%	1.553%
27	5.067	1230	1237	1241	rBV	919	1367	0.04%	0.003%
28	5.154	1260	1264	1268	rBV2	974	1058	0.03%	0.003%
29	5.212	1277	1282	1285	rBV	1944	1785	0.05%	0.005%
30	5.334	1296	1320	1332	rBV2	602561	1753550	51.94%	4.435%
31	5.399	1332	1340	1361	rVB	322788	681192	20.18%	1.723%
32	5.585	1394	1398	1401	rBV	1745	1398	0.04%	0.004%
33	5.698	1429	1433	1436	rBV	2244	1861	0.06%	0.005%
34	5.765	1451	1454	1458	rVB2	1405	1086	0.03%	0.003%

LSC Area Percent Report

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Operator : JC/SP
Sample : K2063-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6R3

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_U\METHOD\SOMULM032319WMA.M
Title : VOC Analysis

35	5.881	1476	1490	1525	rBV	539072	1105734	32.75%	2.796%
36	6.183	1568	1584	1605	rBV	624744	1208937	35.81%	3.057%
37	6.328	1615	1629	1646	rBV	400523	806784	23.90%	2.040%
38	6.427	1649	1660	1688	rVB	228693	459203	13.60%	1.161%
39	6.611	1704	1717	1736	rBV	58893	119164	3.53%	0.301%
40	6.704	1743	1746	1751	rVB	1474	1062	0.03%	0.003%
41	6.862	1791	1795	1799	rBV	1399	1051	0.03%	0.003%
42	7.061	1846	1857	1861	rBV	1245	2122	0.06%	0.005%
43	7.093	1861	1867	1871	rBV	1601	1886	0.06%	0.005%
44	7.151	1880	1885	1888	rBV2	1379	1400	0.04%	0.004%
45	7.225	1894	1908	1929	rBV	230347	424661	12.58%	1.074%
46	7.395	1956	1961	1963	rBV2	5386	5012	0.15%	0.013%
47	7.456	1969	1980	2000	rBV	442844	774671	22.95%	1.959%
48	7.562	2001	2013	2025	rVV	791580	1399352	41.45%	3.539%
49	7.633	2025	2035	2062	rVB	579676	1036549	30.70%	2.621%
50	7.781	2078	2081	2087	rVB2	1564	1017	0.03%	0.003%
51	7.845	2091	2101	2106	rBV	175652	281261	8.33%	0.711%
52	8.016	2150	2154	2156	rBV2	2016	1435	0.04%	0.004%
53	8.064	2156	2169	2185	rVV	431425	741308	21.96%	1.875%
54	8.225	2206	2219	2234	rBV	380951	671380	19.89%	1.698%
55	8.308	2235	2245	2254	rVV	669394	1110841	32.90%	2.809%
56	8.360	2255	2261	2292	rVB	384506	668436	19.80%	1.690%
57	8.582	2319	2330	2349	rVB	205101	349590	10.35%	0.884%
58	8.987	2453	2456	2458	rBV	1218	1034	0.03%	0.003%
59	9.087	2474	2487	2491	rBV	853214	1339798	39.68%	3.388%
60	9.247	2525	2537	2562	rVV	1323910	2135588	63.25%	5.401%
61	9.366	2563	2574	2601	rVB	886990	1437292	42.57%	3.635%
62	9.784	2690	2704	2726	rVV4	916585	1793349	53.12%	4.535%
63	9.897	2737	2739	2743	rBV	1298	1026	0.03%	0.003%
64	9.955	2746	2757	2778	rVV	108507	185416	5.49%	0.469%
65	10.038	2780	2783	2787	rVB	2222	1490	0.04%	0.004%
66	10.164	2809	2822	2841	rBV	934506	1483889	43.95%	3.753%
67	10.276	2854	2857	2860	rBV	1780	1433	0.04%	0.004%
68	10.450	2893	2911	2941	rBV3	1531469	3376201	100.00%	8.538%
69	10.659	2970	2976	2979	rBV	2341	2418	0.07%	0.006%
70	10.839	3030	3032	3037	rVB	1640	1065	0.03%	0.003%
71	10.881	3041	3045	3046	rBV	2013	1470	0.04%	0.004%

LSC Area Percent Report

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Sample : K2063-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6R3

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_U\METHOD\SOMULM032319WMA.M
Title : VOC Analysis

72	11.048	3094	3097	3100	rVB	1823	1024	0.03%	0.003%
73	11.170	3128	3135	3138	rBV	2479	3084	0.09%	0.008%
74	11.414	3199	3211	3221	rBV	332672	531059	15.73%	1.343%
75	11.482	3221	3232	3236	rBV	939105	1504518	44.56%	3.805%
76	11.678	3289	3293	3296	rBV	1574	1649	0.05%	0.004%
77	11.755	3314	3317	3322	rBV	1594	1425	0.04%	0.004%
78	11.871	3335	3353	3372	rBV2	1257197	2933905	86.90%	7.420%
79	12.459	3533	3536	3539	rBV	1562	1079	0.03%	0.003%
80	12.527	3552	3557	3560	rBV2	2004	1771	0.05%	0.004%
81	12.652	3585	3596	3613	rBV	407325	655564	19.42%	1.658%
82	12.758	3626	3629	3638	rVB	2916	3277	0.10%	0.008%
83	12.884	3656	3668	3690	rBV	801935	1276539	37.81%	3.228%
84	13.025	3709	3712	3716	rVB	3310	2831	0.08%	0.007%
85	13.196	3760	3765	3768	rBV2	1330	1343	0.04%	0.003%
86	13.373	3817	3820	3825	rBV	1654	1364	0.04%	0.003%
87	13.401	3825	3829	3832	rBV2	1494	1245	0.04%	0.003%
88	13.508	3855	3862	3870	rBV4	6859	9709	0.29%	0.025%
89	13.746	3922	3936	3946	rBV2	16049	28276	0.84%	0.072%
90	13.926	3985	3992	3998	rBV3	1686	2294	0.07%	0.006%
91	13.983	3998	4010	4036	rBV	501514	872188	25.83%	2.206%
92	14.170	4065	4068	4071	rVB	1719	1015	0.03%	0.003%
93	14.369	4127	4130	4135	rBV	1320	1283	0.04%	0.003%
94	14.395	4135	4138	4145	rVV	2031	1882	0.06%	0.005%
95	14.553	4183	4187	4191	rBV2	1648	1767	0.05%	0.004%
96	14.987	4319	4322	4325	rVB	1943	1216	0.04%	0.003%
97	15.427	4452	4459	4461	rBV	2709	3245	0.10%	0.008%
98	15.716	4545	4549	4551	rBV	1361	1262	0.04%	0.003%
99	15.871	4594	4597	4601	rVB	1607	1125	0.03%	0.003%
100	15.903	4604	4607	4609	rBV3	1612	1159	0.03%	0.003%

Sum of corrected areas: 39541718

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032319\
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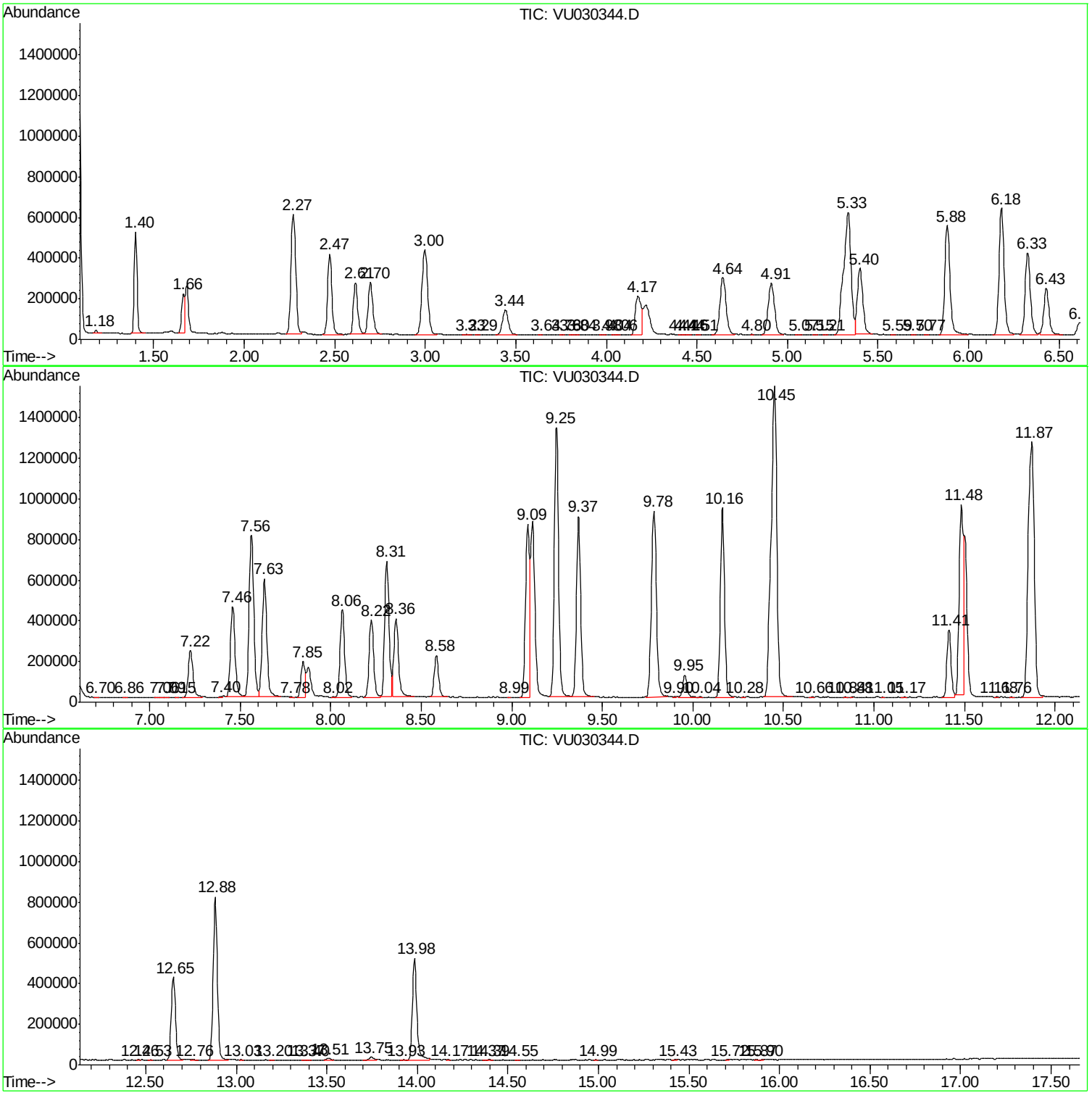
Sample : K2063-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6R3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032319\
Data File : VU030344.D
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Instrument : MSVOA_U
ClientSampleId : DB6R3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

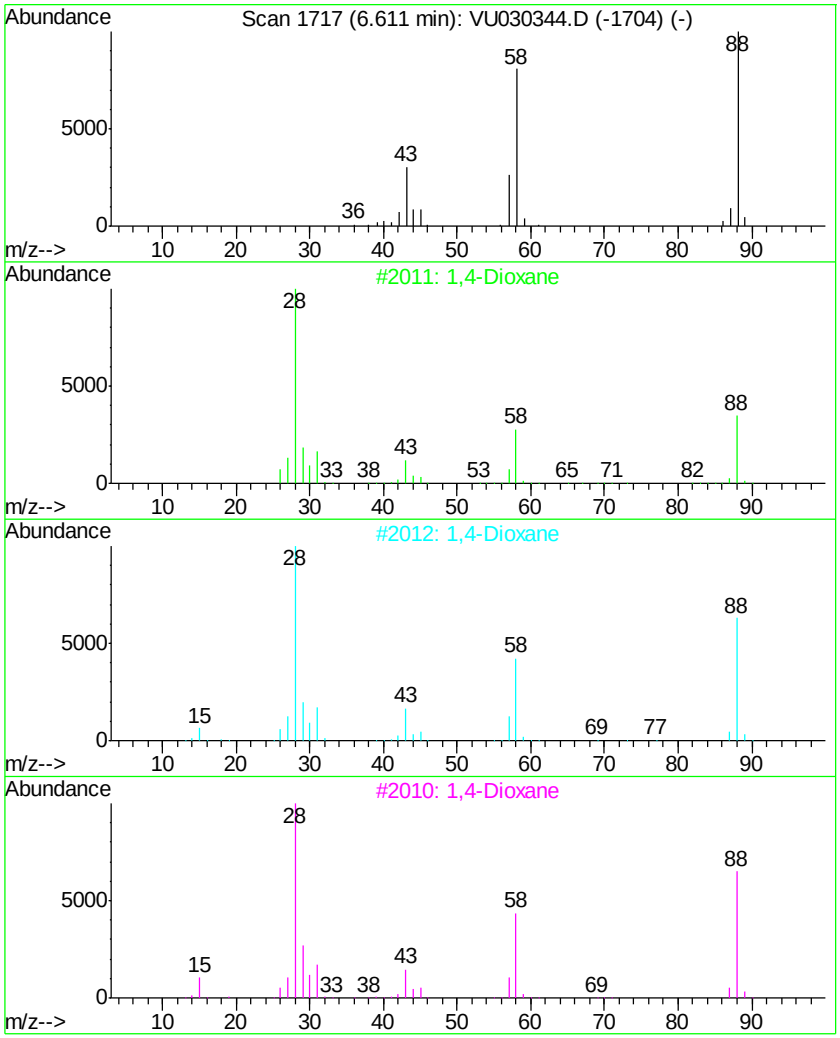
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

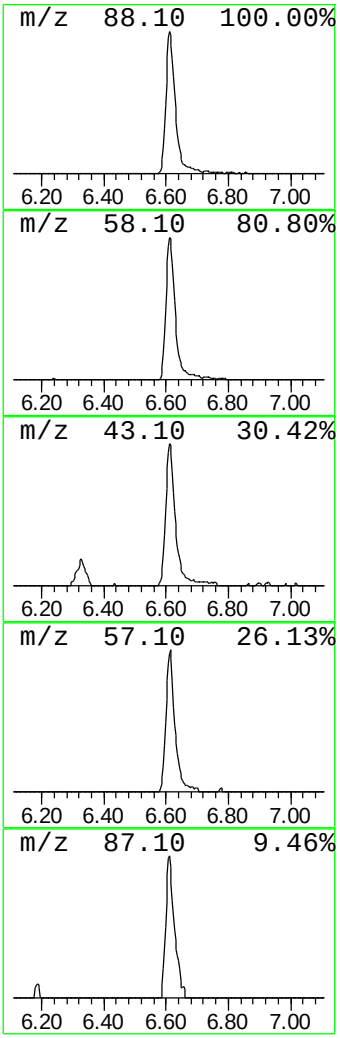
****

Peak Number 1 1,4-Dioxane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	5.39 ug/L	119164	1,4-Difluorobenzene	5.88

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	72
5	1,3,6-Trioxocane	118	C5H10O3	001779-19-7	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032319\
Data File : VU030344.D
Acq On : 23 Mar 2019 16:52
Operator : JC/SP
Sample : K2063-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB6R3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

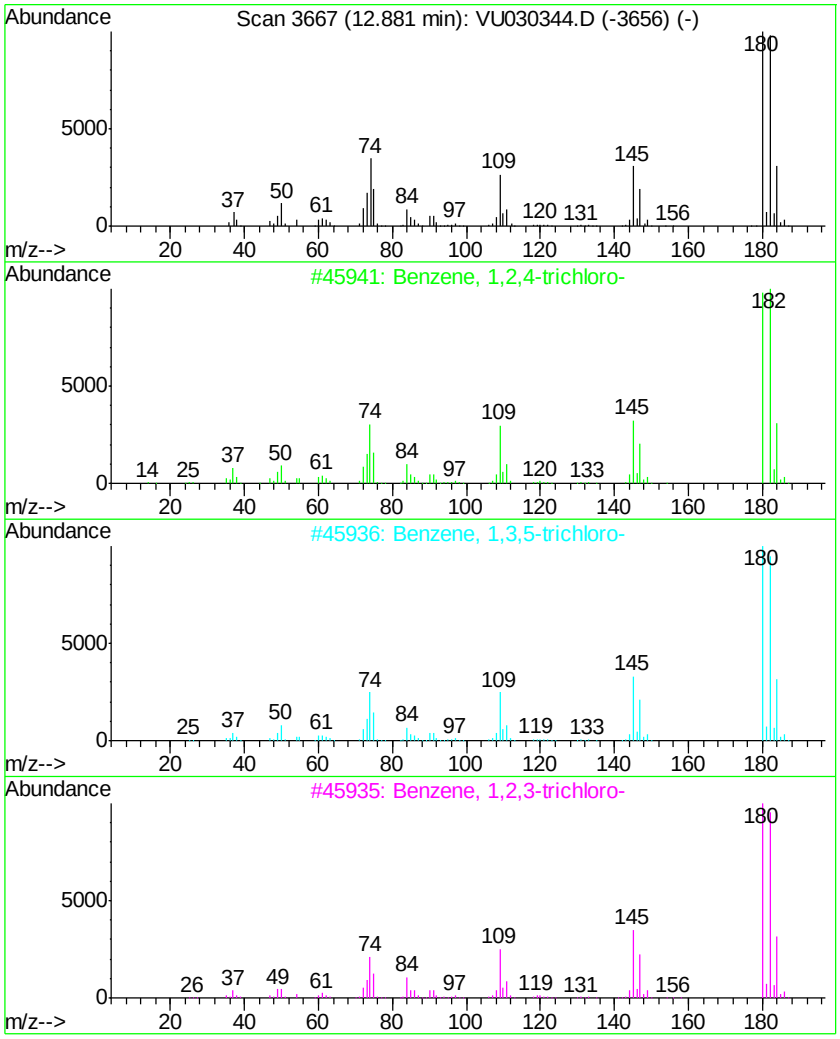
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

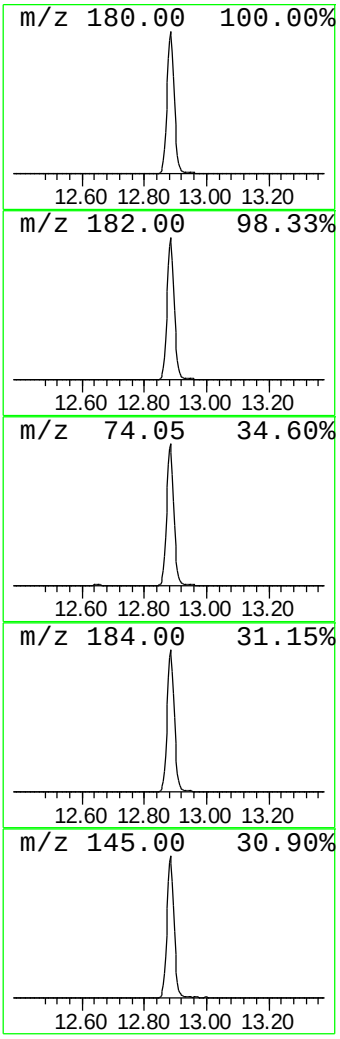
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	42.42 ug/L	1276540	1,4-Dichlorobenzene-d4	11.48

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





Tentatively Identified Compound (LSC) summary

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ClientSampleId : DB6R3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.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	6.61	5.4	ug/L	119164	1	5.88	1105730	50.0
Benzene, 1,3,5-tr...	12.88	42.4	ug/L	1276540	3	11.48	1504520	50.0