LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051419\
Data File : VU031995.D
Acq On : 14 May 2019 15:28
Operator : JC/SP
Sample : K2738-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB845

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\SOMULM051419WMA.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	1.177	23	27	35	rBV2	16821	18841	0.22%	0.020%
2	1.399	88	96	108	rBV2	1150739	1298061	15.21%	1.395%
3	1.653	168	175	177	rBV	430171	455740	5.34%	0.490%
4	2.267	354	366	380	rBV3	1378808	2478759	29.04%	2.664%
5	2.466	416	428	451	rBV	957702	1523112	17.84%	1.637%
6	2.572	457	461	462	rBV3	1942	1058	0.01%	0.001%
7	2.611	462	473	488	rVV	519777	879011	10.30%	0.945%
8	2.691	488	498	524	rVB	591487	1100796	12.90%	1.183%
9	2.823	537	539	543	rBV5	1061	842	0.01%	0.001%
10	2.994	575	592	622	rBV	941858	2038351	23.88%	2.191%
11	3.225	658	664	666	rBV3	628	679	0.01%	0.001%
12	3.241	666	669	673	rVV2	839	689	0.01%	0.001%
13	3.264	673	676	679	rVV	1037	714	0.01%	0.001%
14	3.289	680	684	692	rVB6	1809	2555	0.03%	0.003%
15	3.331	692	697	704	rVB5	1437	1647	0.02%	0.002%
16	3.367	704	708	712	rBV5	716	746	0.01%	0.001%
17	3.437	713	730	753	rBV	278994	631849	7.40%	0.679%
18	3.550	762	765	768	rBV4	923	772	0.01%	0.001%
19	3.579	771	774	779	rVB5	1280	1099	0.01%	0.001%
20	3.604	779	782	786	rVB5	1099	699	0.01%	0.001%
21	3.813	839	847	850	rBV4	800	912	0.01%	0.001%
22	3.875	863	866	873	rVB2	978	1123	0.01%	0.001%
23	3.913	873	878	881	rBV3	726	555	0.01%	0.001%
24	3.971	891	896	898	rBV2	1099	843	0.01%	0.001%
25	4.170	946	958	965	rBV	387298	839444	9.83%	0.902%
26	4.466	1047	1050	1053	rBV3	1467	1041	0.01%	0.001%
27	4.534	1068	1071	1075	rBV4	1591	1436	0.02%	0.002%
28	4.640	1088	1104	1128	rBV2	647684	1540767	18.05%	1.656%
29	4.907	1168	1187	1212	rBV2	605041	1456411	17.06%	1.565%
30	5.103	1246	1248	1250	rBV3	1000	558	0.01%	0.001%
31	5.190	1271	1275	1276	rBV3	863	544	0.01%	0.001%
32	5.238	1283	1290	1292	rBV6	1133	1217	0.01%	0.001%
33	5.331	1296	1319	1331	rBV2	1374107	3984093	46.68%	4.282%
34	5.399	1332	1340	1369	rVB	759753	1601917	18.77%	1.722%

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Operator : JC/SP
Sample : K2738-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB845

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\SOMULM051419WMA.M
Title : VOC Analysis

35	5.598	1399	1402	1405	rBV5	2351	1941	0.02%	0.002%
36	5.662	1419	1422	1424	rBV4	1489	804	0.01%	0.001%
37	5.794	1461	1463	1467	rBV5	900	540	0.01%	0.001%
38	5.881	1474	1490	1529	rBV	1219130	2502475	29.32%	2.690%
39	6.180	1568	1583	1604	rBV	1497646	2943966	34.49%	3.164%
40	6.325	1615	1628	1647	rBV	898318	1797498	21.06%	1.932%
41	6.428	1648	1660	1695	rVB	514914	1054606	12.36%	1.133%
42	6.611	1706	1717	1733	rBV	169729	331018	3.88%	0.356%
43	6.791	1769	1773	1777	rBV5	1898	1640	0.02%	0.002%
44	6.846	1787	1790	1793	rBV2	800	630	0.01%	0.001%
45	6.865	1793	1796	1797	rBV2	1163	519	0.01%	0.001%
46	6.887	1799	1803	1806	rBV4	1210	1201	0.01%	0.001%
47	6.977	1828	1831	1833	rVB3	1052	656	0.01%	0.001%
48	7.055	1852	1855	1859	rVB5	1264	838	0.01%	0.001%
49	7.119	1870	1875	1877	rBV2	1870	1664	0.02%	0.002%
50	7.170	1889	1891	1895	rBV3	790	507	0.01%	0.001%
51	7.222	1895	1907	1936	rBV	487590	920722	10.79%	0.990%
52	7.411	1952	1966	1969	rBV4	15657	28281	0.33%	0.030%
53	7.456	1970	1980	2000	rVV	954937	1756672	20.58%	1.888%
54	7.559	2000	2012	2024	rVV	1816066	3219889	37.72%	3.461%
55	7.630	2025	2034	2071	rVB	1353281	2580946	30.24%	2.774%
56	7.845	2090	2101	2106	rBV2	370686	610627	7.15%	0.656%
57	8.061	2156	2168	2197	rBV	1056383	1840469	21.56%	1.978%
58	8.222	2205	2218	2235	rBV	902758	1585925	18.58%	1.704%
59	8.308	2235	2245	2254	rVV	1294535	2168201	25.40%	2.330%
60	8.360	2255	2261	2287	rVB	877457	1525620	17.87%	1.640%
61	8.582	2319	2330	2354	rVB	495113	859519	10.07%	0.924%
62	8.771	2386	2389	2395	rVB6	1481	1404	0.02%	0.002%
63	8.800	2395	2398	2402	rBV4	942	851	0.01%	0.001%
64	8.977	2451	2453	2457	rBV4	900	719	0.01%	0.001%
65	9.022	2461	2467	2472	rBV7	1485	1494	0.02%	0.002%
66	9.087	2473	2487	2491	rBV	2034092	3220809	37.73%	3.462%
67	9.244	2525	2536	2563	rBV	3212669	5198884	60.91%	5.587%
68	9.366	2564	2574	2611	rVB	2213437	3611222	42.31%	3.881%
69	9.784	2688	2704	2744	rBV4	2253436	4467107	52.33%	4.801%
70	9.955	2747	2757	2776	rVB	259283	437417	5.12%	0.470%
71	10.109	2802	2805	2806	rBV4	1093	653	0.01%	0.001%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB845

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_U\METHOD\SOMULM051419WMA.M
Title : VOC Analysis

72	10.160	2809	2821	2847	rVV	2283190	3641457	42.66%	3.914%
73	10.450	2891	2911	2944	rBV3	3891250	8535719	100.00%	9.174%
74	10.685	2982	2984	2987	rVB3	1906	890	0.01%	0.001%
75	10.823	3024	3027	3030	rVB4	1768	984	0.01%	0.001%
76	10.894	3046	3049	3051	rBV2	1509	1095	0.01%	0.001%
77	10.974	3072	3074	3077	rBV2	1327	746	0.01%	0.001%
78	10.990	3077	3079	3081	rBV2	841	505	0.01%	0.001%
79	11.083	3103	3108	3115	rVB8	2272	3255	0.04%	0.003%
80	11.186	3138	3140	3144	rVB2	1233	790	0.01%	0.001%
81	11.212	3144	3148	3150	rBV3	1701	1403	0.02%	0.002%
82	11.305	3175	3177	3180	rBV3	1229	897	0.01%	0.001%
83	11.414	3195	3211	3221	rBV	782464	1248516	14.63%	1.342%
84	11.482	3221	3232	3236	rBV	2096819	3498626	40.99%	3.760%
85	11.797	3325	3330	3333	rBV6	2032	1848	0.02%	0.002%
86	11.871	3333	3353	3380	rBV2	3059893	7217816	84.56%	7.757%
87	12.141	3431	3437	3447	rVB10	7506	11874	0.14%	0.013%
88	12.321	3490	3493	3494	rBV2	1441	785	0.01%	0.001%
89	12.389	3512	3514	3515	rBV2	1065	599	0.01%	0.001%
90	12.447	3527	3532	3534	rBV4	1635	1319	0.02%	0.001%
91	12.492	3542	3546	3549	rBV6	1365	1050	0.01%	0.001%
92	12.588	3574	3576	3579	rVB3	1304	814	0.01%	0.001%
93	12.652	3583	3596	3618	rBV	905892	1490602	17.46%	1.602%
94	12.884	3655	3668	3702	rBV	1831510	2968532	34.78%	3.190%
95	13.517	3857	3865	3873	rVB8	4261	6793	0.08%	0.007%
96	13.755	3934	3939	3940	rBV5	2937	2416	0.03%	0.003%
97	13.983	3997	4010	4041	rBV	1003355	1857099	21.76%	1.996%
98	14.598	4198	4201	4204	rVB3	1670	1134	0.01%	0.001%
99	14.729	4239	4242	4245	rBV3	1608	1380	0.02%	0.001%
100	15.221	4392	4395	4398	rBV4	2207	1501	0.02%	0.002%

Sum of corrected areas: 93045260

LSC Report - Integrated Chromatogram

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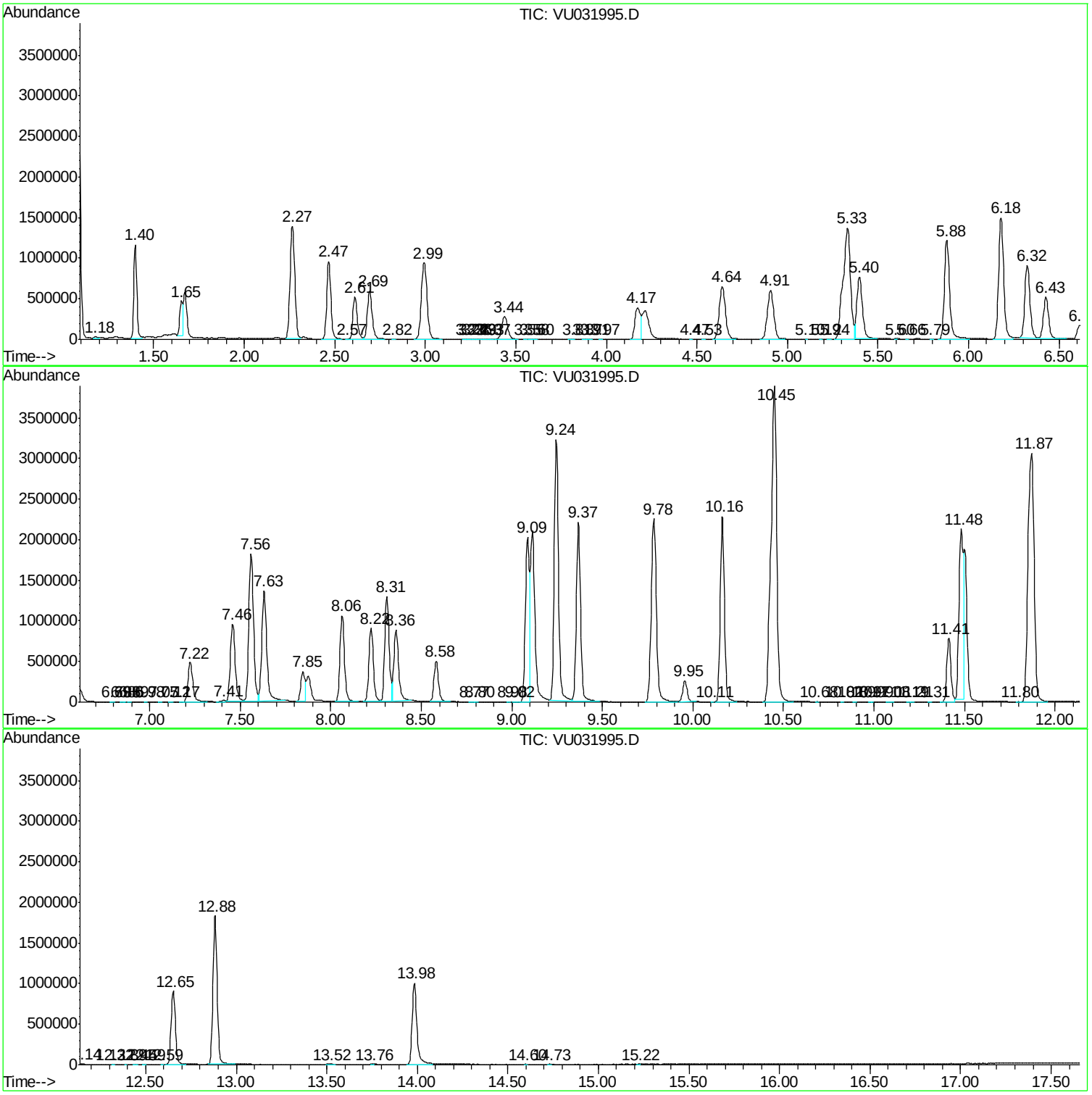
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB845

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.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_U\DATA\VU051419\
Data File : VU031995.D
Acq On : 14 May 2019 15:28
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Instrument : MSVOA_U
ClientSampleId : DB845

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

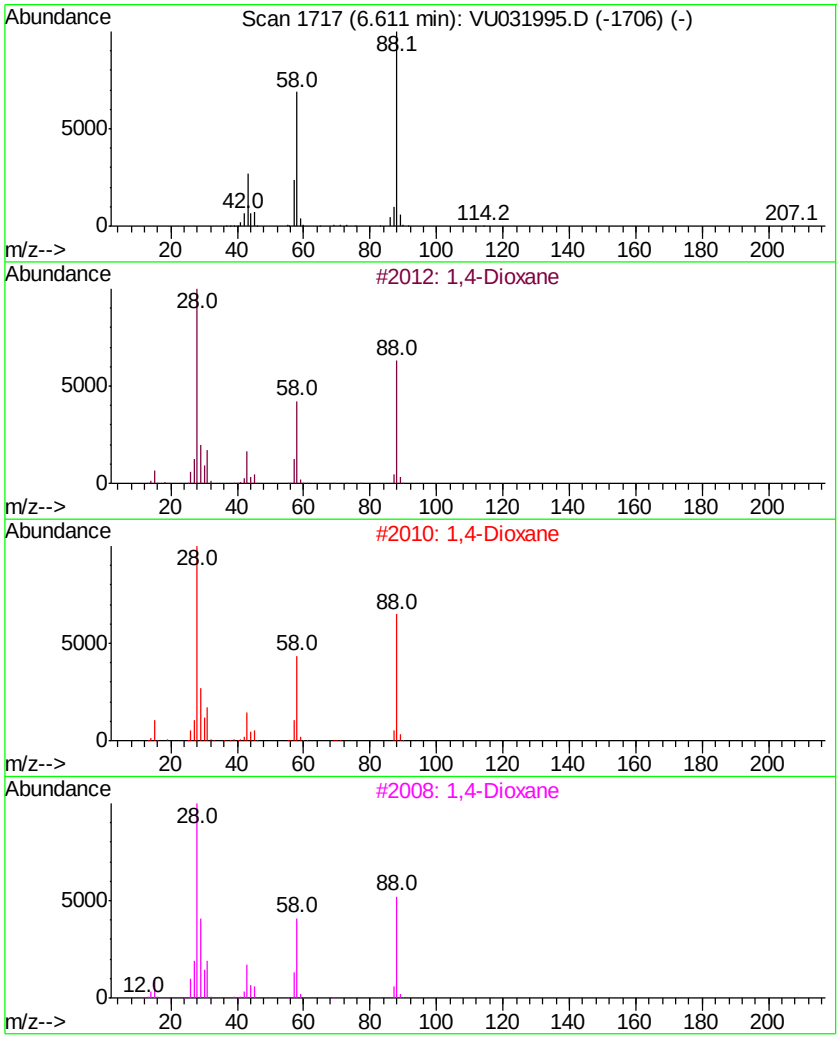
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

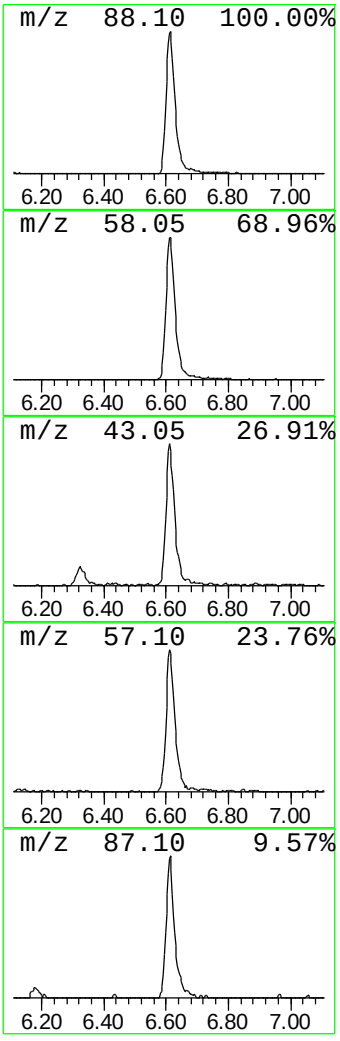
****

Peak Number 1 1,4-Dioxane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	6.61 ug/L	331018	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	90
3	1,4-Dioxane	88	C4H8O2	000123-91-1	86
4	1,4-Dioxane	88	C4H8O2	000123-91-1	83
5	1,3,6-Trioxocane	118	C5H10O3	001779-19-7	56





Library Search Compound Report

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ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB845

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis

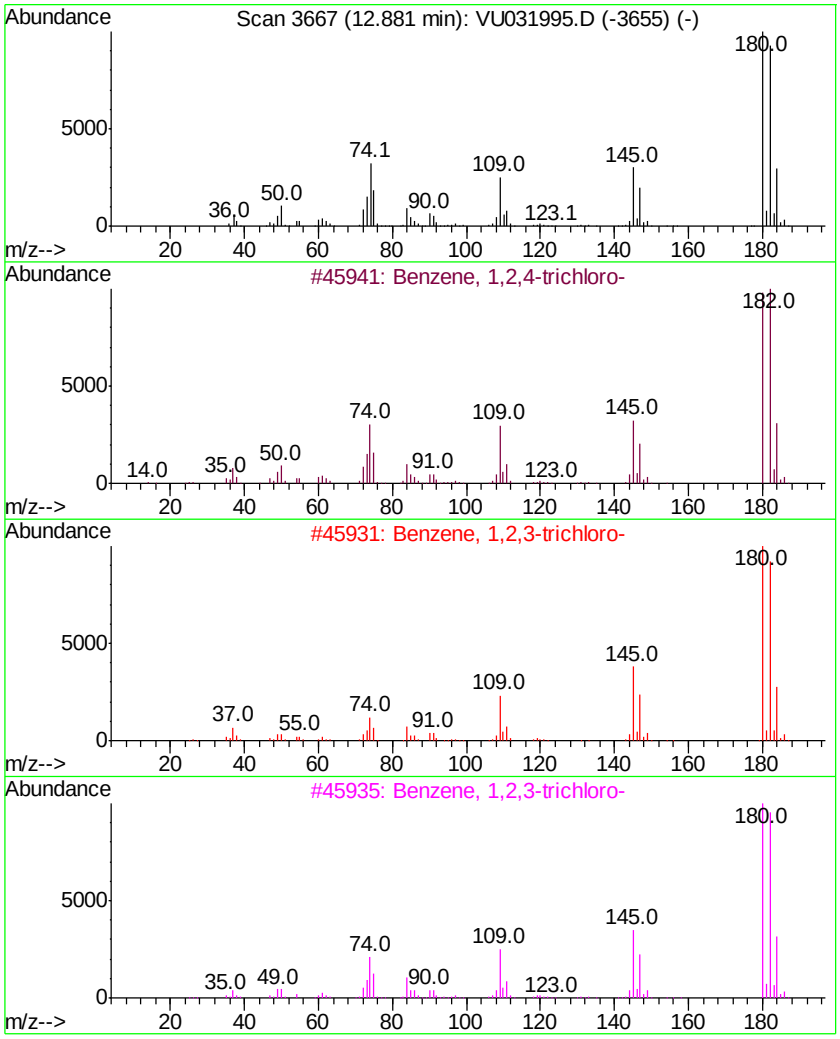
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

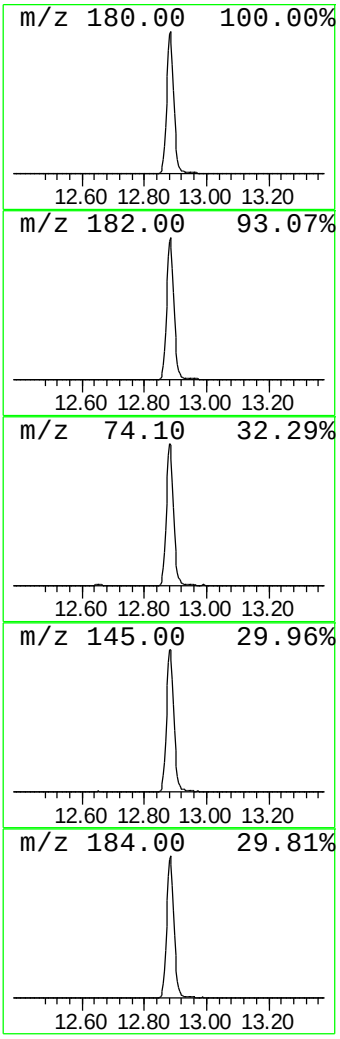
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	42.42 ug/L	2968530	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, 1,2,3-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	97
5	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	97





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.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	6.6	ug/L	331018	1	5.88	2502480	50.0
Benzene, 1,3,5-tr...	12.88	42.4	ug/L	2968530	3	11.48	3498630	50.0