LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021122\
Data File : VU047110.D
Acq On : 11 Feb 2022 13:22
Operator : SY/MD
Sample : N1486-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
X3941

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\SFAMULM021022WMA.M
Title : VOC Analysis

Signal : TIC: VU047110.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.388	9	15	36	rVB	87168	107909	2.94%	0.226%
2	1.485	39	45	51	rBV	78235	82402	2.24%	0.173%
3	1.527	51	58	71	rVV	181350	257954	7.03%	0.540%
4	1.604	74	82	104	rVB	227866	288787	7.87%	0.605%
5	1.864	155	163	173	rBV	120957	172676	4.70%	0.362%
6	1.919	173	180	202	rVB	170015	250319	6.82%	0.524%
7	2.141	241	249	270	rVB	208651	311832	8.49%	0.653%
8	2.575	371	384	396	rBV2	572441	1187757	32.35%	2.488%
9	2.652	397	408	446	rVB	641700	1789611	48.75%	3.749%
10	2.957	490	503	521	rBV	356071	718055	19.56%	1.504%
11	3.054	522	533	560	rVB	144281	302846	8.25%	0.634%
12	3.366	611	630	659	rBV	969507	2242997	61.10%	4.698%
13	3.469	659	662	666	rVV5	1751	1405	0.04%	0.003%
14	3.507	670	674	677	rBV6	928	649	0.02%	0.001%
15	3.581	692	697	701	rVB6	1514	1417	0.04%	0.003%
16	3.687	726	730	732	rBV3	1099	736	0.02%	0.002%
17	3.707	732	736	741	rVB4	734	763	0.02%	0.002%
18	3.845	776	779	788	rVB9	684	717	0.02%	0.002%
19	3.980	818	821	826	rVV9	1434	1236	0.03%	0.003%
20	4.231	895	899	905	rVB7	877	967	0.03%	0.002%
21	4.260	905	908	912	rVB6	955	769	0.02%	0.002%
22	4.285	912	916	919	rBV5	1075	790	0.02%	0.002%
23	4.395	945	950	954	rBV8	983	1139	0.03%	0.002%
24	4.424	954	959	961	rBV3	1036	863	0.02%	0.002%
25	4.482	970	977	979	rBV6	901	1085	0.03%	0.002%
26	4.520	986	989	991	rBV4	1256	715	0.02%	0.001%
27	4.578	1002	1007	1009	rBV6	824	778	0.02%	0.002%
28	4.636	1010	1025	1040	rBV	219913	608126	16.56%	1.274%
29	5.067	1142	1159	1178	rBV	340487	743169	20.24%	1.557%
30	5.186	1191	1196	1198	rVV5	838	641	0.02%	0.001%
31	5.391	1243	1260	1278	rBV	222074	503421	13.71%	1.054%
32	5.565	1312	1314	1318	rVB4	1005	681	0.02%	0.001%
33	5.591	1318	1322	1324	rBV5	1422	922	0.03%	0.002%
34	5.729	1341	1365	1377	rBV2	726149	1957823	53.33%	4.101%
35	5.797	1377	1386	1406	rVB	424875	836205	22.78%	1.752%
36	6.073	1469	1472	1477	rVB7	1076	930	0.03%	0.002%

LSC Area Percent Report

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Sample : N1486-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
X3941

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\SFAMULM021022WMA.M
Title : VOC Analysis

37	6.250	1512	1527	1548	rBV	551433	1058494	28.83%	2.217%
38	6.543	1602	1618	1634	rBV	416117	791852	21.57%	1.659%
39	6.694	1651	1665	1676	rBV	453843	877145	23.89%	1.837%
40	6.764	1676	1687	1722	rVB	826364	1653617	45.04%	3.464%
41	7.051	1751	1776	1806	rBV4	16214	82814	2.26%	0.173%
42	7.247	1835	1837	1843	rVV6	817	840	0.02%	0.002%
43	7.456	1896	1902	1906	rBV6	1233	1345	0.04%	0.003%
44	7.475	1906	1908	1913	rVB5	840	692	0.02%	0.001%
45	7.510	1913	1919	1922	rBV6	1255	1385	0.04%	0.003%
46	7.568	1923	1937	1951	rBV	296257	519398	14.15%	1.088%
47	7.739	1984	1990	1993	rVB7	995	1161	0.03%	0.002%
48	7.797	1993	2008	2028	rBV	1233832	2472111	67.34%	5.178%
49	7.899	2028	2040	2052	rVV	915835	1655979	45.11%	3.469%
50	7.970	2052	2062	2093	rVB	1205827	2176272	59.28%	4.559%
51	8.179	2116	2127	2152	rVB	208266	349503	9.52%	0.732%
52	8.465	2209	2216	2218	rBV7	1667	2052	0.06%	0.004%
53	8.555	2228	2244	2257	rBV	247810	426009	11.60%	0.892%
54	8.639	2257	2270	2278	rVV	745164	1364108	37.16%	2.857%
55	8.690	2279	2286	2314	rVB	824200	1518385	41.36%	3.180%
56	8.870	2338	2342	2347	rBV5	1549	1472	0.04%	0.003%
57	8.922	2352	2358	2360	rBV6	1112	1194	0.03%	0.003%
58	9.057	2397	2400	2404	rVB5	940	702	0.02%	0.001%
59	9.163	2431	2433	2436	rBV3	920	722	0.02%	0.002%
60	9.272	2464	2467	2471	rBV6	649	656	0.02%	0.001%
61	9.420	2499	2513	2519	rBV	770523	1414848	38.54%	2.964%
62	9.571	2548	2560	2584	rVV	659416	1132447	30.85%	2.372%
63	9.690	2584	2597	2626	rVB	1808895	3129076	85.23%	6.554%
64	9.841	2642	2644	2650	rVB7	1404	1136	0.03%	0.002%
65	9.870	2650	2653	2655	rBV4	953	622	0.02%	0.001%
66	10.050	2704	2709	2712	rVV6	739	830	0.02%	0.002%
67	10.112	2712	2728	2758	rVV3	1762238	3671265	100.00%	7.690%
68	10.340	2794	2799	2803	rBV7	847	890	0.02%	0.002%
69	10.485	2831	2844	2868	rVV	1176975	2028151	55.24%	4.248%
70	10.671	2895	2902	2908	rBV2	4740	6901	0.19%	0.014%
71	10.764	2916	2931	2932	rBV	756724	1012370	27.58%	2.121%
72	10.867	2960	2963	2964	rBV2	1088	659	0.02%	0.001%
73	11.414	3129	3133	3138	rBV7	2179	1938	0.05%	0.004%
74	11.462	3140	3148	3159	rVB5	5987	10363	0.28%	0.022%
75	11.536	3164	3171	3173	rBV8	1156	1172	0.03%	0.002%
76	11.690	3213	3219	3220	rBV6	1874	1644	0.04%	0.003%

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Sample : N1486-01
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
X3941

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\SFAMULM021022WMA.M
Title : VOC Analysis

77	11.748	3230	3237	3244	rVB5	3485	5288	0.14%	0.011%
78	11.812	3244	3257	3280	rBV2	906774	2005433	54.63%	4.201%
79	11.973	3302	3307	3315	rVB9	3848	5573	0.15%	0.012%
80	12.015	3315	3320	3321	rBV4	1470	1196	0.03%	0.003%
81	12.092	3341	3344	3348	rBV5	925	765	0.02%	0.002%
82	12.198	3360	3377	3395	rBV3	1066054	2225094	60.61%	4.661%
83	12.394	3432	3438	3440	rBV6	1644	1730	0.05%	0.004%
84	12.870	3582	3586	3588	rBV4	940	747	0.02%	0.002%
85	13.060	3642	3645	3648	rBV4	1160	762	0.02%	0.002%
86	13.124	3660	3665	3666	rBV3	989	832	0.02%	0.002%
87	13.137	3666	3669	3671	rVV4	1061	721	0.02%	0.002%
88	13.221	3682	3695	3712	rBV	953287	1494324	40.70%	3.130%
89	13.449	3763	3766	3770	rVB5	1019	654	0.02%	0.001%
90	13.542	3791	3795	3796	rBV4	1034	839	0.02%	0.002%
91	13.616	3814	3818	3824	rVV9	1328	1110	0.03%	0.002%
92	13.652	3827	3829	3834	rVB5	919	715	0.02%	0.001%
93	13.735	3852	3855	3859	rVB5	1252	947	0.03%	0.002%
94	13.841	3876	3888	3907	rBV	347060	553266	15.07%	1.159%
95	14.015	3939	3942	3944	rBV4	956	684	0.02%	0.001%
96	14.057	3951	3955	3959	rBV8	2060	1689	0.05%	0.004%
97	14.330	4026	4040	4056	rBV	1047994	1684416	45.88%	3.528%
98	14.516	4096	4098	4104	rVB7	1288	1137	0.03%	0.002%
99	14.565	4109	4113	4114	rBV5	950	705	0.02%	0.001%
100	15.163	4297	4299	4302	rBV4	1016	666	0.02%	0.001%

Sum of corrected areas: 47740605

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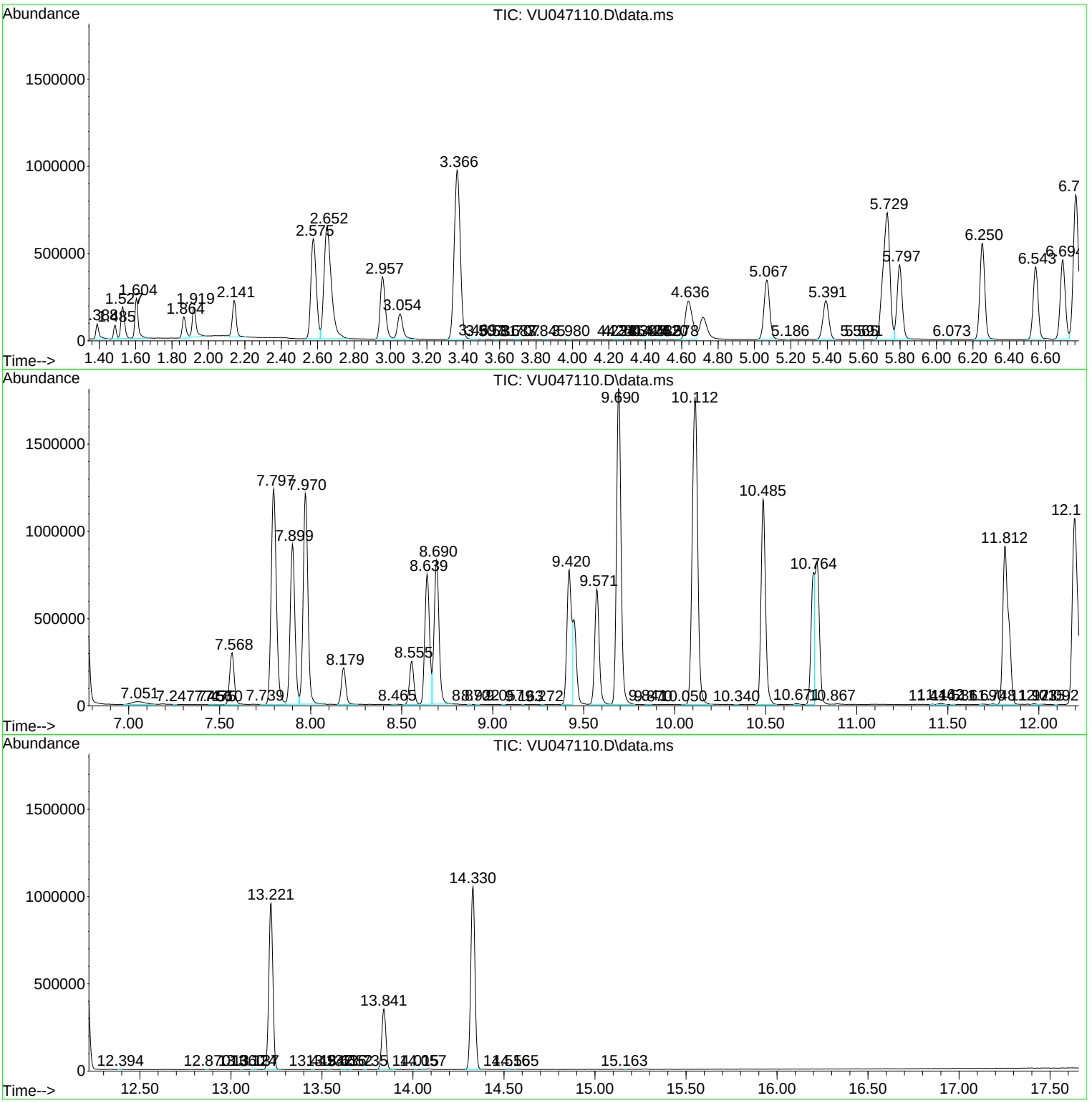
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
X3941

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021122\
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
Quant Title : VOC Analysis

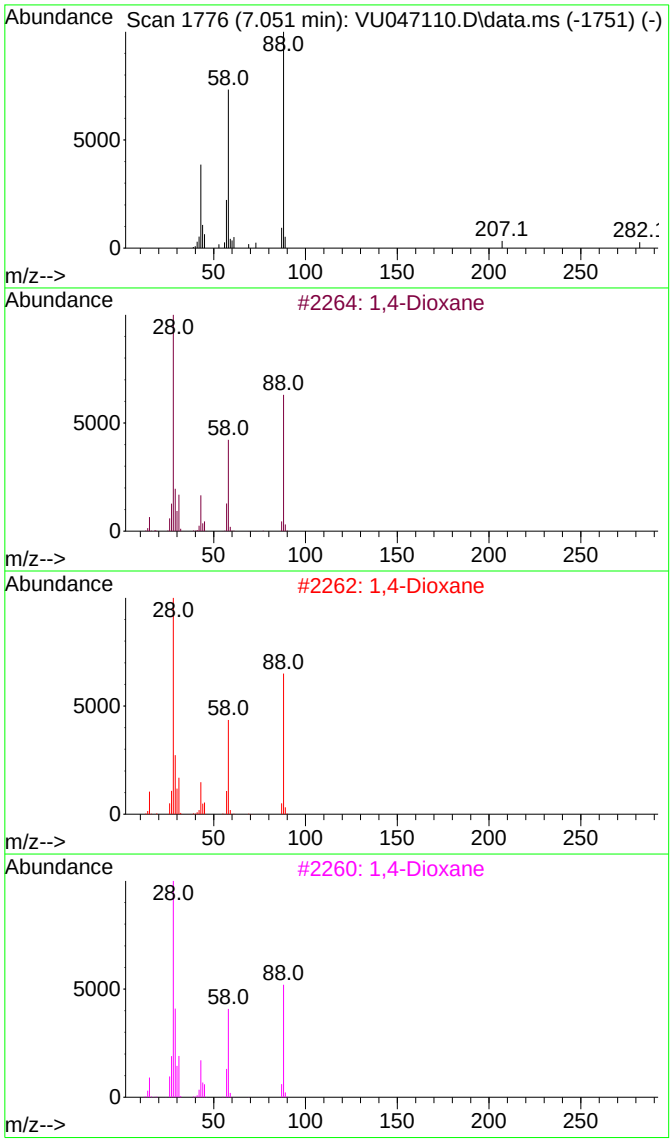
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

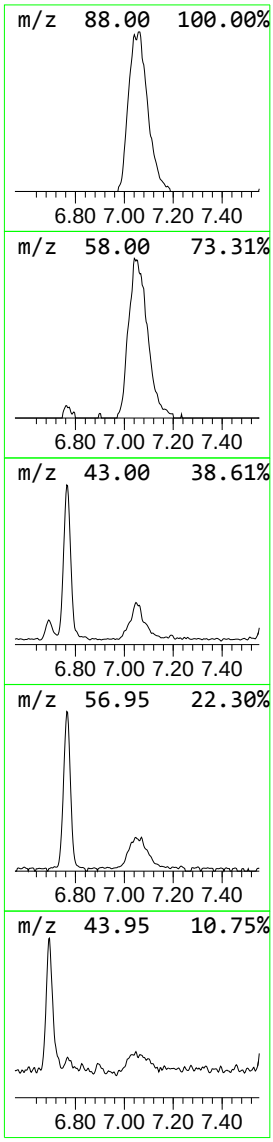
****

Peak Number 1 1,4-Dioxane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.051	3.91 ug/L	82814	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dioxane	88	C4H8O2	000123-91-1	86
2	1,4-Dioxane	88	C4H8O2	000123-91-1	86
3	1,4-Dioxane	88	C4H8O2	000123-91-1	78
4	1,4-Dioxane	88	C4H8O2	000123-91-1	64
5	1,3,6-Trioxocane	118	C5H10O3	001779-19-7	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021122\
Data File : VU047110.D
Acq On : 11 Feb 2022 13:22
Operator : SY/MD
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
X3941

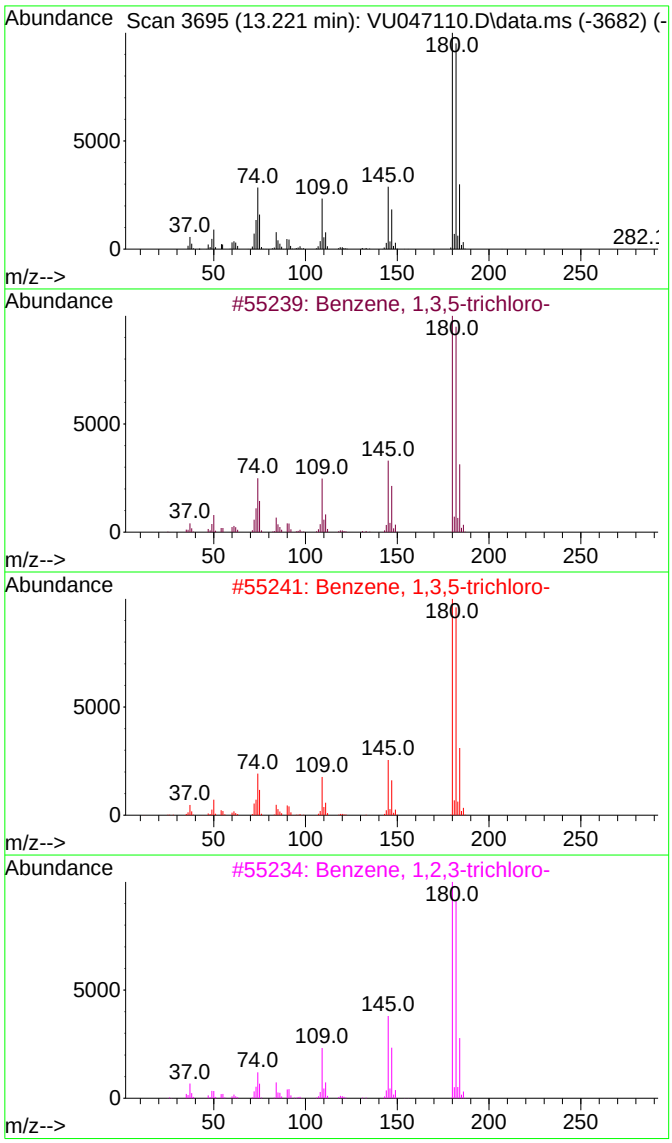
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
Quant Title : VOC Analysis

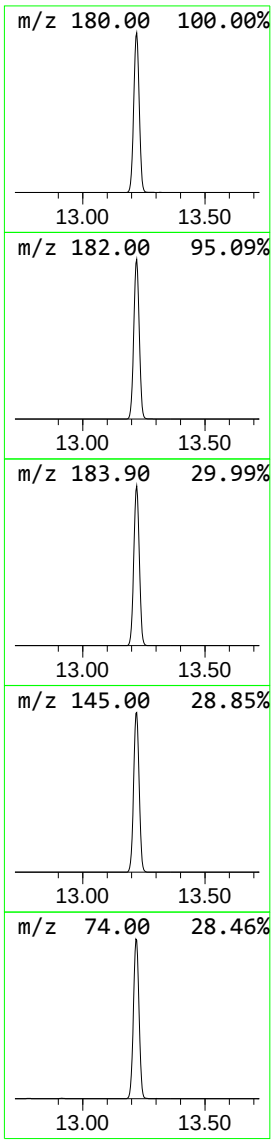
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,3,5-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.221	37.26 ug/L	1494320	1,4-Dichlorobenzene-d4	11.812

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





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ALS Vial : 10 Sample Multiplier: 1

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MSVOA_U
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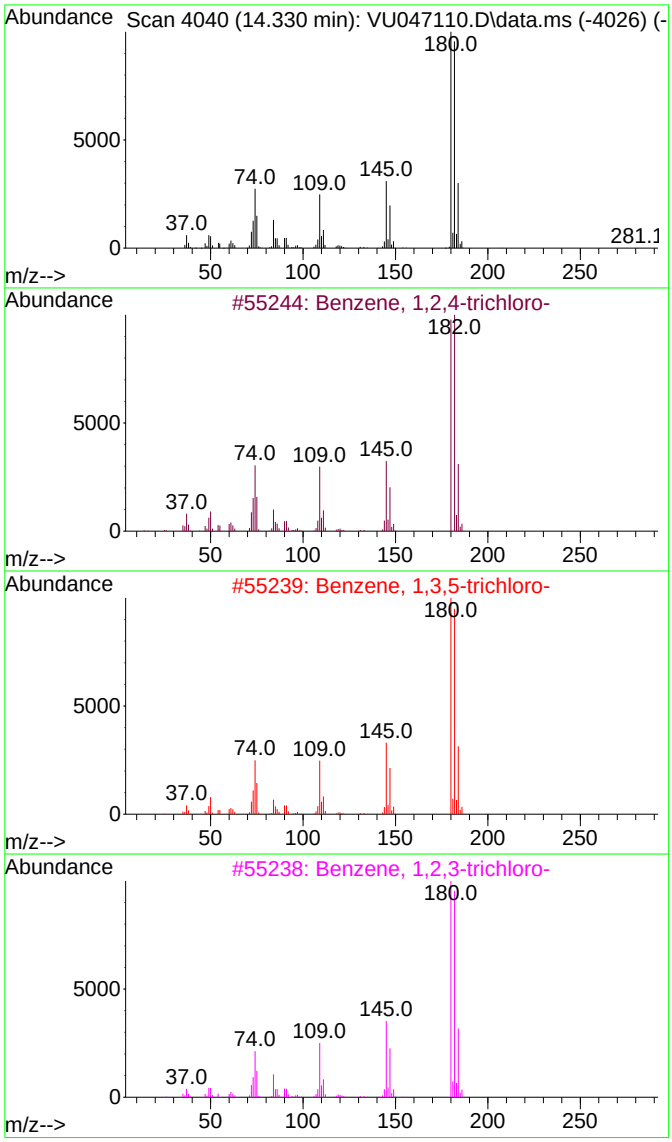
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
Quant Title : VOC Analysis

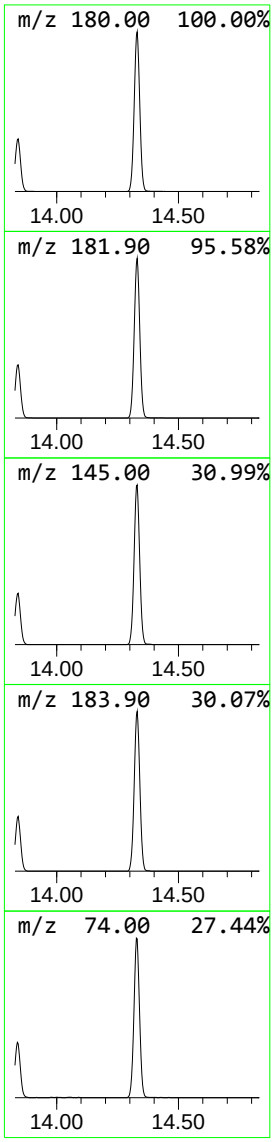
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2,4-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.330	42.00 ug/L	1684420	1,4-Dichlorobenzene-d4	11.812

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, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021122\
Data File : VU047110.D
Acq On : 11 Feb 2022 13:22
Operator : SY/MD
Sample : N1486-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,4-Dioxane	7.051	3.9	ug/L	82814	1	6.253	1058490	50.0
Benzene, 1,3,5-...	13.221	37.3	ug/L	1494320	3	11.812	2005430	50.0
Benzene, 1,2,4-...	14.330	42.0	ug/L	1684420	3	11.812	2005430	50.0