LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
Data File : VX035139.D
Acq On : 18 Apr 2023 21:52
Operator : JC/MD
Sample : 02397-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0ML5

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_X\Method\SFAMXLM041823WMA.M
Title : VOC Analysis

Signal : TIC: VX035139.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.264	24	29	42	rBV	49108	162375	0.22%	0.076%
2	1.368	42	46	57	rVB	251198	279578	0.38%	0.130%
3	1.672	91	96	112	rVB	180378	242633	0.33%	0.113%
4	2.306	193	200	211	rBV	458621	716318	0.99%	0.334%
5	2.392	211	214	223	rVB3	2178	4578	0.01%	0.002%
6	2.520	230	235	239	rBV2	814	1235	0.00%	0.001%
7	2.611	248	250	253	rVB3	503	512	0.00%	0.000%
8	2.788	275	279	283	rVV3	904	1383	0.00%	0.001%
9	2.825	283	285	291	rVB2	710	998	0.00%	0.000%
10	3.062	320	324	325	rVB3	334	390	0.00%	0.000%
11	3.105	325	331	334	rBV2	705	1519	0.00%	0.001%
12	3.447	381	387	394	rVB3	974	1655	0.00%	0.001%
13	3.965	467	472	475	rVB2	345	443	0.00%	0.000%
14	4.154	498	503	507	rBV	259	505	0.00%	0.000%
15	4.312	518	529	538	rVB5	3184	9569	0.01%	0.004%
16	4.459	543	553	574	rBV	126013	386147	0.53%	0.180%
17	4.861	617	619	623	rVB	341	449	0.00%	0.000%
18	4.904	623	626	628	rBV2	336	357	0.00%	0.000%
19	5.056	638	651	669	rBV2	245342	778829	1.07%	0.364%
20	5.452	712	716	717	rBV2	860	1167	0.00%	0.001%
21	5.483	717	721	723	rBV5	794	1193	0.00%	0.001%
22	5.556	730	733	734	rBV2	708	530	0.00%	0.000%
23	5.617	740	743	746	rVB4	657	809	0.00%	0.000%
24	5.824	769	777	788	rVB6	3383	10640	0.01%	0.005%
25	5.970	788	801	823	rBV2	685292	2055499	2.83%	0.959%
26	6.159	826	832	841	rVV5	3660	11613	0.02%	0.005%
27	6.257	841	848	855	rVV6	3552	10102	0.01%	0.005%
28	6.361	855	865	873	rVB3	6096	17143	0.02%	0.008%
29	6.543	891	895	899	rBV3	448	737	0.00%	0.000%
30	6.617	899	907	911	rVV8	1696	3880	0.01%	0.002%
31	6.763	921	931	952	rBV	476790	1154180	1.59%	0.539%
32	6.921	955	957	960	rVV3	404	395	0.00%	0.000%
33	7.007	968	971	975	rVB	516	545	0.00%	0.000%
34	7.117	980	989	995	rVB7	1940	4750	0.01%	0.002%
35	7.208	1003	1004	1007	rVB2	368	350	0.00%	0.000%
36	7.306	1011	1020	1028	rBV	414514	930847	1.28%	0.434%

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0ML5

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_X\Method\SFAMXLM041823WMA.M
Title : VOC Analysis

37	7.488	1045	1050	1055	rBV8	1016	2546	0.00%	0.001%
38	7.659	1071	1078	1084	rBV4	8337	16299	0.02%	0.008%
39	7.940	1121	1124	1133	rBV3	1541	2555	0.00%	0.001%
40	8.116	1150	1153	1156	rBV3	608	799	0.00%	0.000%
41	8.232	1168	1172	1176	rBV2	194	365	0.00%	0.000%
42	8.324	1180	1187	1198	rBV	264809	419103	0.58%	0.196%
43	8.488	1212	1214	1215	rBV2	684	607	0.00%	0.000%
44	8.647	1233	1240	1251	rBV	1074598	1684877	2.32%	0.786%
45	8.952	1284	1290	1299	rBV	175686	269068	0.37%	0.126%
46	9.116	1315	1317	1321	rVB3	529	676	0.00%	0.000%
47	9.275	1339	1343	1350	rVB3	3017	4484	0.01%	0.002%
48	9.384	1355	1361	1379	rBV	601692	862983	1.19%	0.403%
49	9.580	1392	1393	1398	rBV2	472	494	0.00%	0.000%
50	9.811	1428	1431	1434	rBV2	317	418	0.00%	0.000%
51	10.006	1458	1463	1465	rBV2	457	554	0.00%	0.000%
52	10.079	1465	1475	1493	rBV2	4196832	6854940	9.43%	3.199%
53	10.311	1508	1513	1517	rBV3	1010	1691	0.00%	0.001%
54	10.525	1545	1548	1549	rVB2	395	374	0.00%	0.000%
55	10.640	1563	1567	1571	rBV4	515	971	0.00%	0.000%
56	10.963	1616	1620	1624	rVB2	570	1079	0.00%	0.001%
57	11.189	1652	1657	1667	rBV	672668	883236	1.22%	0.412%
58	11.311	1675	1677	1681	rVB3	554	567	0.00%	0.000%
59	11.366	1682	1686	1691	rVB	8931	11228	0.02%	0.005%
60	11.457	1697	1701	1706	rBV2	4663	5719	0.01%	0.003%
61	11.543	1713	1715	1721	rVB2	242	429	0.00%	0.000%
62	11.622	1727	1728	1731	rBV2	330	367	0.00%	0.000%
63	11.713	1740	1743	1746	rVB2	729	960	0.00%	0.000%
64	11.756	1746	1750	1754	rBV2	2534	3152	0.00%	0.001%
65	11.860	1764	1767	1769	rVB2	299	342	0.00%	0.000%
66	11.884	1769	1771	1773	rVB2	529	394	0.00%	0.000%
67	11.921	1773	1777	1779	rBV3	287	407	0.00%	0.000%
68	11.969	1779	1785	1790	rBV	4251628	5261365	7.24%	2.456%
69	12.043	1790	1797	1822	rVB	18841719	24541362	33.77%	11.455%
70	12.219	1822	1826	1837	rVB3	11984	19216	0.03%	0.009%
71	12.341	1837	1846	1851	rBV	38592013	55683795	76.62%	25.990%
72	12.756	1912	1914	1917	rVB4	734	826	0.00%	0.000%
73	12.872	1928	1933	1936	rVV6	2058	3163	0.00%	0.001%
74	12.920	1936	1941	1947	rVB	57203	71264	0.10%	0.033%
75	13.061	1958	1964	1969	rBV	29752	56526	0.08%	0.026%
76	13.115	1969	1973	1978	rVV	46813	60532	0.08%	0.028%

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : C0ML5

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_X\Method\SFAMXLM041823WMA.M
Title : VOC Analysis

77	13.195	1981	1986	1994	rVB	24468	33083	0.05%	0.015%
78	13.274	1994	1999	2000	rBV3	408	601	0.00%	0.000%
79	13.286	2000	2001	2005	rVB3	707	680	0.00%	0.000%
80	13.384	2013	2017	2022	rVB3	6603	8920	0.01%	0.004%
81	13.597	2045	2052	2057	rBV	47704420	72676254	100.00%	33.921%
82	13.774	2077	2081	2088	rVB	28771	41493	0.06%	0.019%
83	13.963	2106	2112	2131	rVB	10351278	12789470	17.60%	5.969%
84	14.170	2145	2146	2150	rBV3	820	772	0.00%	0.000%
85	14.207	2150	2152	2155	rVV4	738	645	0.00%	0.000%
86	14.384	2173	2181	2189	rBV	102984	179565	0.25%	0.084%
87	14.457	2191	2193	2194	rBV2	736	489	0.00%	0.000%
88	14.542	2203	2207	2212	rVB3	6318	7695	0.01%	0.004%
89	14.634	2217	2222	2227	rVB3	16818	27151	0.04%	0.013%
90	14.780	2235	2246	2263	rVV	2046493	4022166	5.53%	1.877%
91	14.920	2267	2269	2275	rVB5	2550	3338	0.00%	0.002%
92	15.109	2298	2300	2302	rBV3	593	527	0.00%	0.000%
93	15.255	2317	2324	2340	rVB	13794831	20475340	28.17%	9.557%
94	15.981	2437	2443	2449	rVB8	2625	6057	0.01%	0.003%
95	16.213	2479	2481	2488	rVB7	2651	3924	0.01%	0.002%
96	16.292	2492	2494	2495	rBV2	854	525	0.00%	0.000%
97	16.322	2495	2499	2504	rBV7	834	1768	0.00%	0.001%
98	16.389	2506	2510	2513	rBV5	570	758	0.00%	0.000%
99	16.426	2513	2516	2518	rBV4	842	1036	0.00%	0.000%
100	16.505	2522	2529	2537	rBV	238913	444790	0.61%	0.208%

Sum of corrected areas: 214250633

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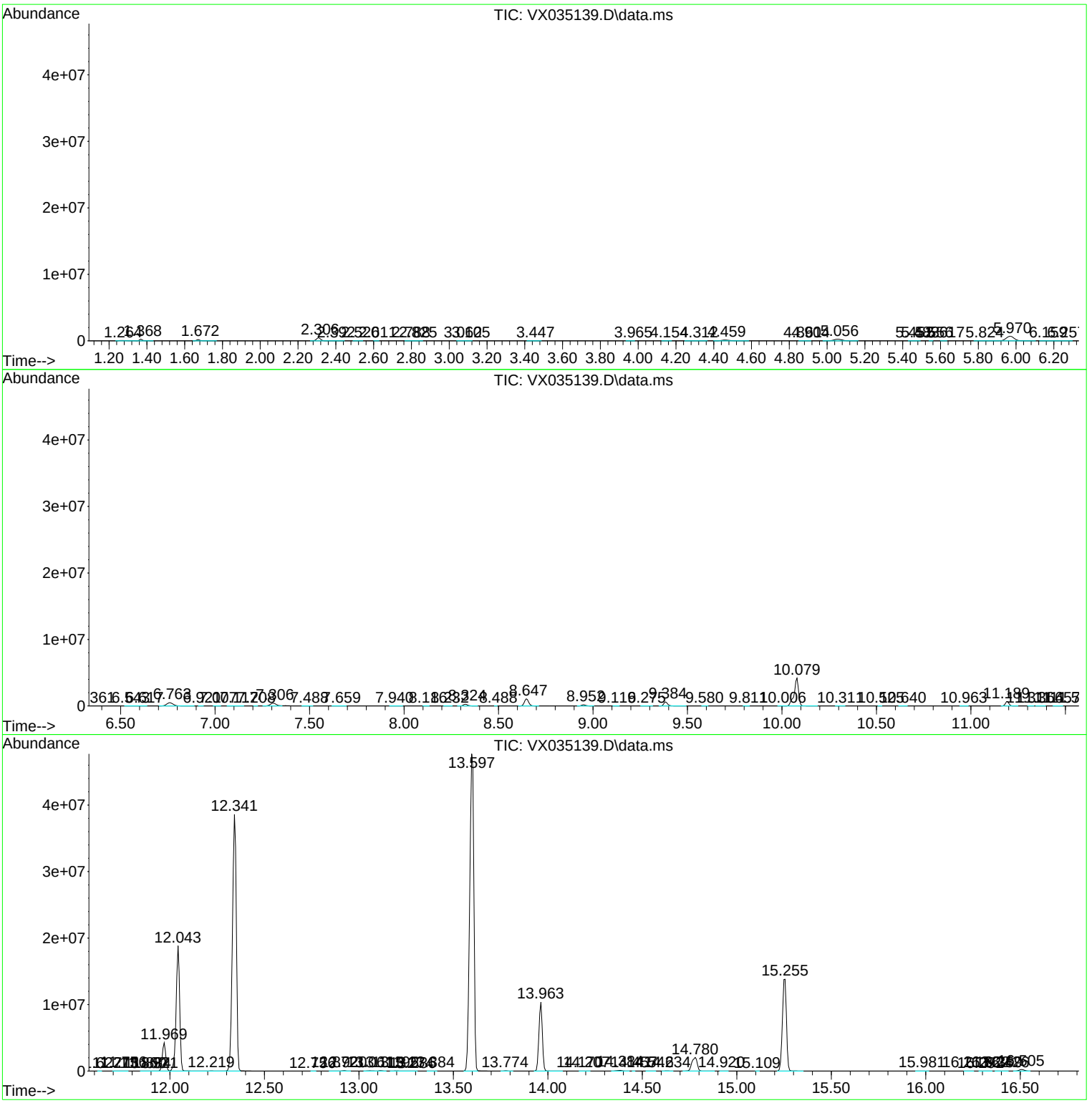
Instrument :
MSVOA_X
ClientSampleId :
C0ML5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041823WMA.M
Quant Title : VOC Analysis

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



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C0ML5

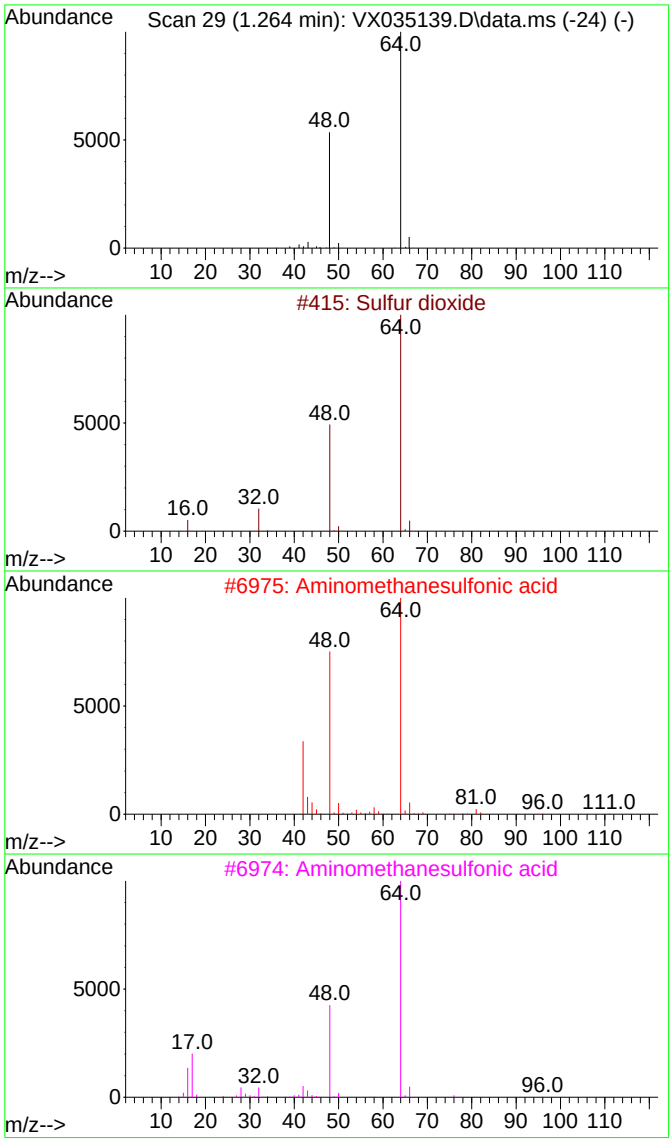
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041823WMA.M
Quant Title : VOC Analysis

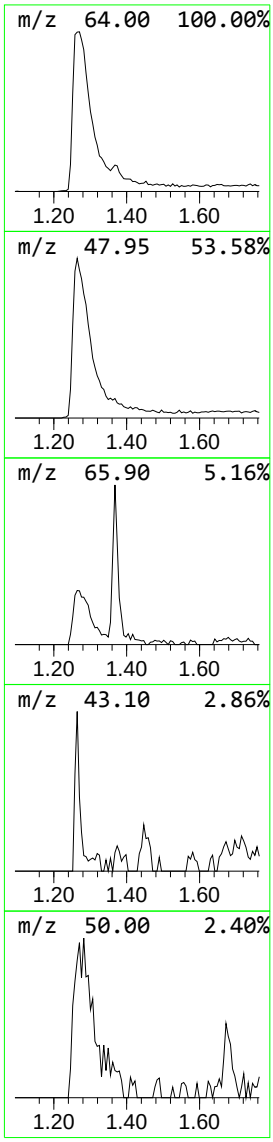
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Sulfur dioxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.264	7.03 ug/L	162375	1,4-Difluorobenzene	6.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	74
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9





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ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0ML5

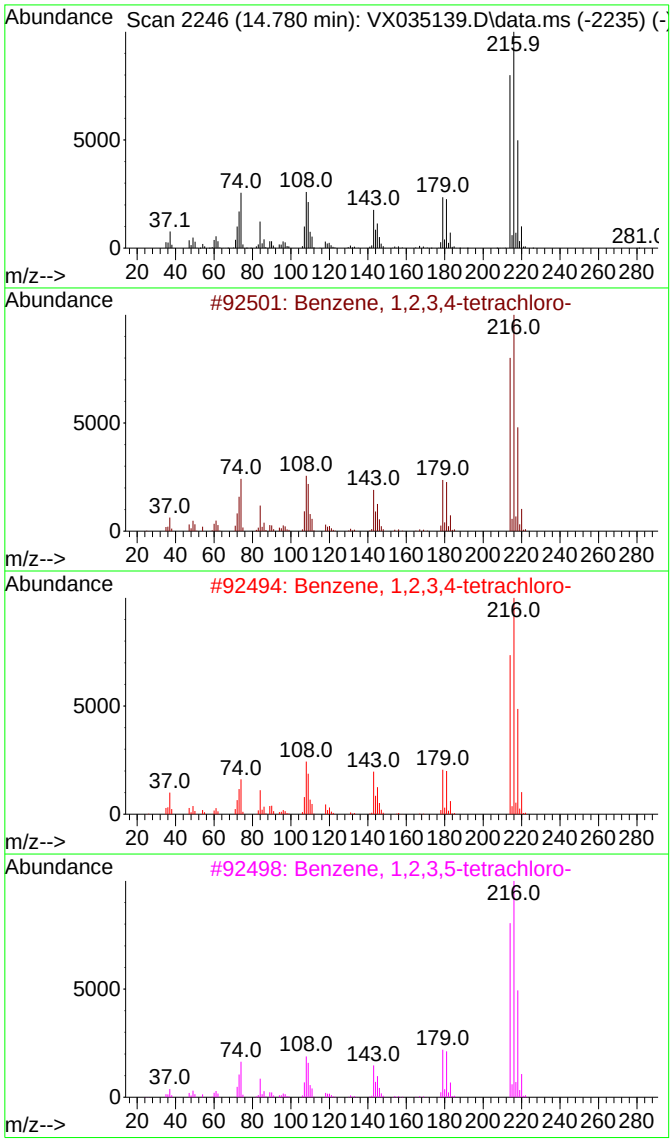
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041823WMA.M
Quant Title : VOC Analysis

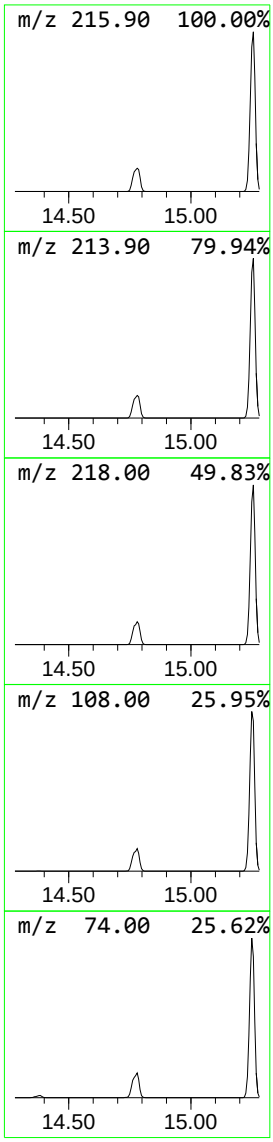
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1,2,3,4-tetrachloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.780	8.19 ug/L	4022170	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	99
2	Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	99
3	Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	99
4	Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	99
5	Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	99





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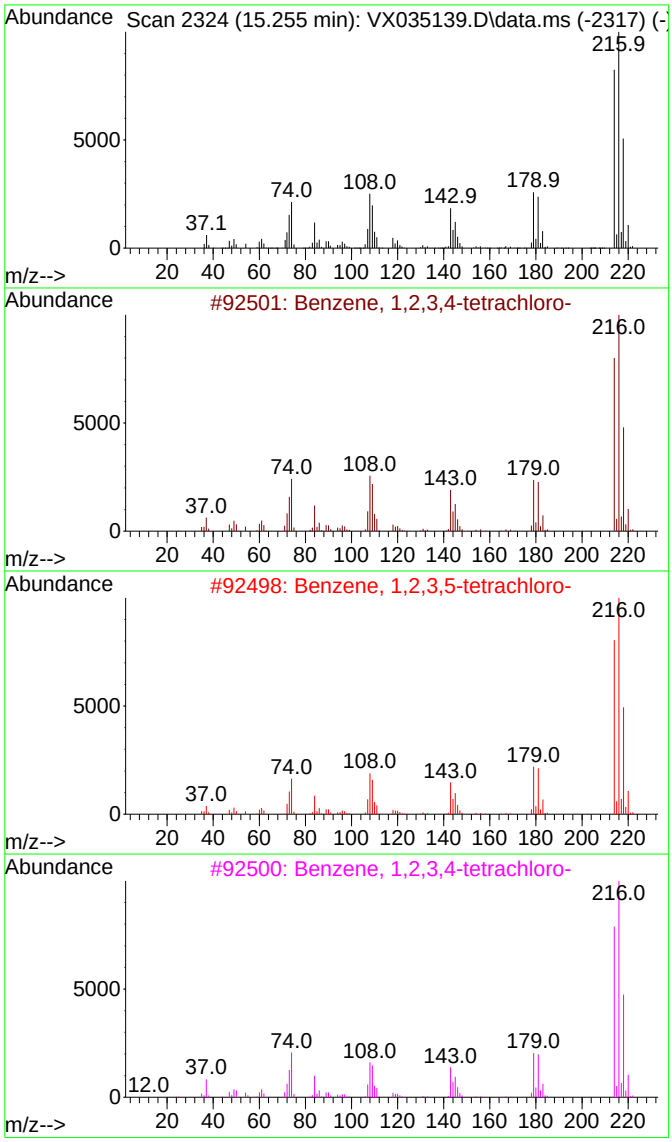
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM041823WMA.M
Quant Title : VOC Analysis

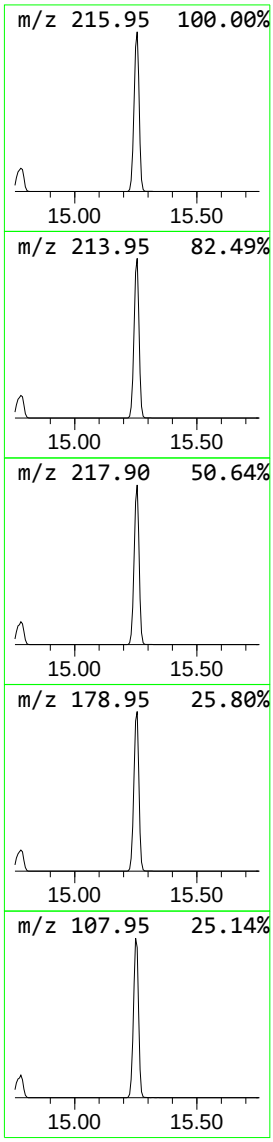
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2,3,5-tetrachloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.255	41.72 ug/L	20475300	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	99
2	Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	99
3	Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	99
4	Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	99
5	Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	98





Tentatively Identified Compound (LSC) summary

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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
Sulfur dioxide	1.264	7.0	ug/L	162375	1	6.763	1154180	50.0
Benzene, 1,2,3,...	14.780	8.2	ug/L	4022170	3	12.024	24541400	50.0
Benzene, 1,2,3,...	15.255	41.7	ug/L	20475300	3	12.024	24541400	50.0