LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102220\
Data File : VV019081.D
Acq On : 22 Oct 2020 20:34
Operator : SY/MD
Sample : L4483-01
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0FG8

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_V\METHOD\SOMVLM102220WMA.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	1.315	64	70	81	rVB	212950	206958	4.57%	1.297%
2	1.579	145	152	169	rVB	178631	196671	4.34%	1.233%
3	2.122	312	321	337	rBV	348629	510232	11.27%	3.199%
4	2.933	570	573	574	rBV2	306	157	0.00%	0.001%
5	3.003	592	595	598	rBV3	436	329	0.01%	0.002%
6	3.020	598	600	601	rBV3	208	105	0.00%	0.001%
7	3.065	611	614	616	rBV	557	315	0.01%	0.002%
8	3.110	625	628	635	rBV3	593	544	0.01%	0.003%
9	3.235	665	667	670	rBV2	300	180	0.00%	0.001%
10	3.393	713	716	717	rBV2	401	185	0.00%	0.001%
11	3.460	735	737	740	rBV	369	220	0.00%	0.001%
12	3.534	757	760	763	rBV3	401	331	0.01%	0.002%
13	3.624	787	788	790	rVB	123	25	0.00%	0.000%
14	3.659	798	799	800	rBV	139	41	0.00%	0.000%
15	3.701	808	812	815	rBV	377	279	0.01%	0.002%
16	3.740	820	824	827	rBV	504	281	0.01%	0.002%
17	3.756	827	829	831	rBV	270	181	0.00%	0.001%
18	3.833	851	853	859	rBV3	271	207	0.00%	0.001%
19	3.917	866	879	920	rBV2	101070	356190	7.87%	2.233%
20	4.376	1007	1022	1046	rBV	210452	517698	11.43%	3.245%
21	4.865	1172	1174	1177	rBV2	438	208	0.00%	0.001%
22	4.907	1184	1187	1188	rBV	344	177	0.00%	0.001%
23	4.920	1188	1191	1193	rVB	379	179	0.00%	0.001%
24	4.946	1196	1199	1202	rBV2	118	70	0.00%	0.000%
25	4.965	1202	1205	1207	rBV3	448	276	0.01%	0.002%
26	5.071	1219	1238	1280	rBV2	528578	1378548	30.44%	8.642%
27	5.640	1403	1415	1440	rBV	384930	760791	16.80%	4.769%
28	5.933	1499	1506	1518	rVB8	2073	4108	0.09%	0.026%
29	6.093	1542	1556	1579	rBV	299602	611167	13.50%	3.831%
30	6.299	1617	1620	1621	rBV	563	285	0.01%	0.002%
31	6.508	1683	1685	1686	rBV	307	144	0.00%	0.001%
32	6.579	1706	1707	1710	rBV2	306	162	0.00%	0.001%
33	6.627	1717	1722	1726	rBV2	483	595	0.01%	0.004%
34	6.650	1726	1729	1731	rBV2	373	259	0.01%	0.002%

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ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
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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_V\METHOD\SOMVLM102220WMA.M
Title : VOC Analysis

35	6.701	1741	1745	1747	rBV	266	223	0.00%	0.001%
36	6.756	1761	1762	1763	rBV	177	55	0.00%	0.000%
37	6.794	1772	1774	1776	rBV	87	38	0.00%	0.000%
38	6.823	1776	1783	1786	rBV3	609	637	0.01%	0.004%
39	6.839	1786	1788	1790	rBV2	350	176	0.00%	0.001%
40	6.916	1811	1812	1814	rBV	260	112	0.00%	0.001%
41	6.945	1817	1821	1824	rBV2	429	333	0.01%	0.002%
42	6.965	1824	1827	1828	rBV	138	86	0.00%	0.001%
43	7.007	1828	1840	1858	rBV	163326	295587	6.53%	1.853%
44	7.338	1931	1943	1968	rBV	626741	1085436	23.97%	6.804%
45	7.640	2027	2037	2058	rBV	127702	220223	4.86%	1.381%
46	8.106	2172	2182	2210	rBV	367857	624394	13.79%	3.914%
47	8.450	2286	2289	2296	rBV3	620	686	0.02%	0.004%
48	8.495	2301	2303	2304	rBV3	359	165	0.00%	0.001%
49	8.572	2325	2327	2328	rBV	430	194	0.00%	0.001%
50	8.624	2340	2343	2346	rBV2	315	246	0.01%	0.002%
51	8.643	2346	2349	2353	rVV	406	339	0.01%	0.002%
52	8.730	2373	2376	2380	rBV	337	229	0.01%	0.001%
53	8.785	2391	2393	2394	rBV	362	107	0.00%	0.001%
54	8.823	2403	2405	2406	rBV	229	101	0.00%	0.001%
55	8.871	2409	2420	2426	rBV	602026	1007348	22.24%	6.315%
56	9.087	2485	2487	2490	rBV2	286	182	0.00%	0.001%
57	9.241	2532	2535	2540	rBV3	587	624	0.01%	0.004%
58	9.293	2548	2551	2554	rBV2	442	352	0.01%	0.002%
59	9.312	2555	2557	2559	rVV2	340	148	0.00%	0.001%
60	9.402	2583	2585	2590	rVB2	287	186	0.00%	0.001%
61	9.489	2610	2612	2615	rBV2	314	129	0.00%	0.001%
62	9.604	2643	2648	2649	rBV	392	249	0.01%	0.002%
63	9.659	2662	2665	2669	rBV2	264	189	0.00%	0.001%
64	9.891	2734	2737	2739	rBV	204	121	0.00%	0.001%
65	9.903	2739	2741	2745	rVV	320	179	0.00%	0.001%
66	9.926	2745	2748	2749	rVB2	246	84	0.00%	0.001%
67	10.238	2833	2845	2862	rBV	379424	596374	13.17%	3.739%
68	10.604	2955	2959	2960	rVB2	558	306	0.01%	0.002%
69	10.756	3000	3006	3010	rBV2	489	460	0.01%	0.003%
70	10.875	3040	3043	3045	rBV	493	250	0.01%	0.002%
71	11.006	3080	3084	3090	rBV	315	315	0.01%	0.002%

LSC Area Percent Report

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ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0FG8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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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_V\METHOD\SOMVLM102220WMA.M
Title : VOC Analysis

72	11.035	3090	3093	3095	rBV2	297	212	0.00%	0.001%
73	11.061	3099	3101	3103	rBV	210	101	0.00%	0.001%
74	11.077	3103	3106	3112	rVV4	422	412	0.01%	0.003%
75	11.202	3135	3145	3155	rBV	66522	103147	2.28%	0.647%
76	11.273	3156	3167	3170	rBV	666303	1008933	22.28%	6.325%
77	11.662	3270	3288	3312	rBV2	2467491	4528436	100.00%	28.388%
78	12.132	3429	3434	3436	rBV4	858	813	0.02%	0.005%
79	12.424	3518	3525	3534	rVB7	3575	6283	0.14%	0.039%
80	12.495	3543	3547	3550	rBV2	395	327	0.01%	0.002%
81	12.563	3565	3568	3571	rBV2	403	344	0.01%	0.002%
82	12.659	3588	3598	3619	rBV2	68013	114980	2.54%	0.721%
83	12.772	3626	3633	3643	rVB3	5802	8894	0.20%	0.056%
84	13.283	3780	3792	3808	rBV	666935	1011686	22.34%	6.342%
85	13.611	3891	3894	3896	rBV2	485	260	0.01%	0.002%
86	13.765	3930	3942	3958	rBV	415222	637141	14.07%	3.994%
87	14.170	4060	4068	4081	rBV	28123	44409	0.98%	0.278%
88	15.421	4448	4457	4471	rVB	67761	100547	2.22%	0.630%

Sum of corrected areas: 15951886

LSC Report - Integrated Chromatogram

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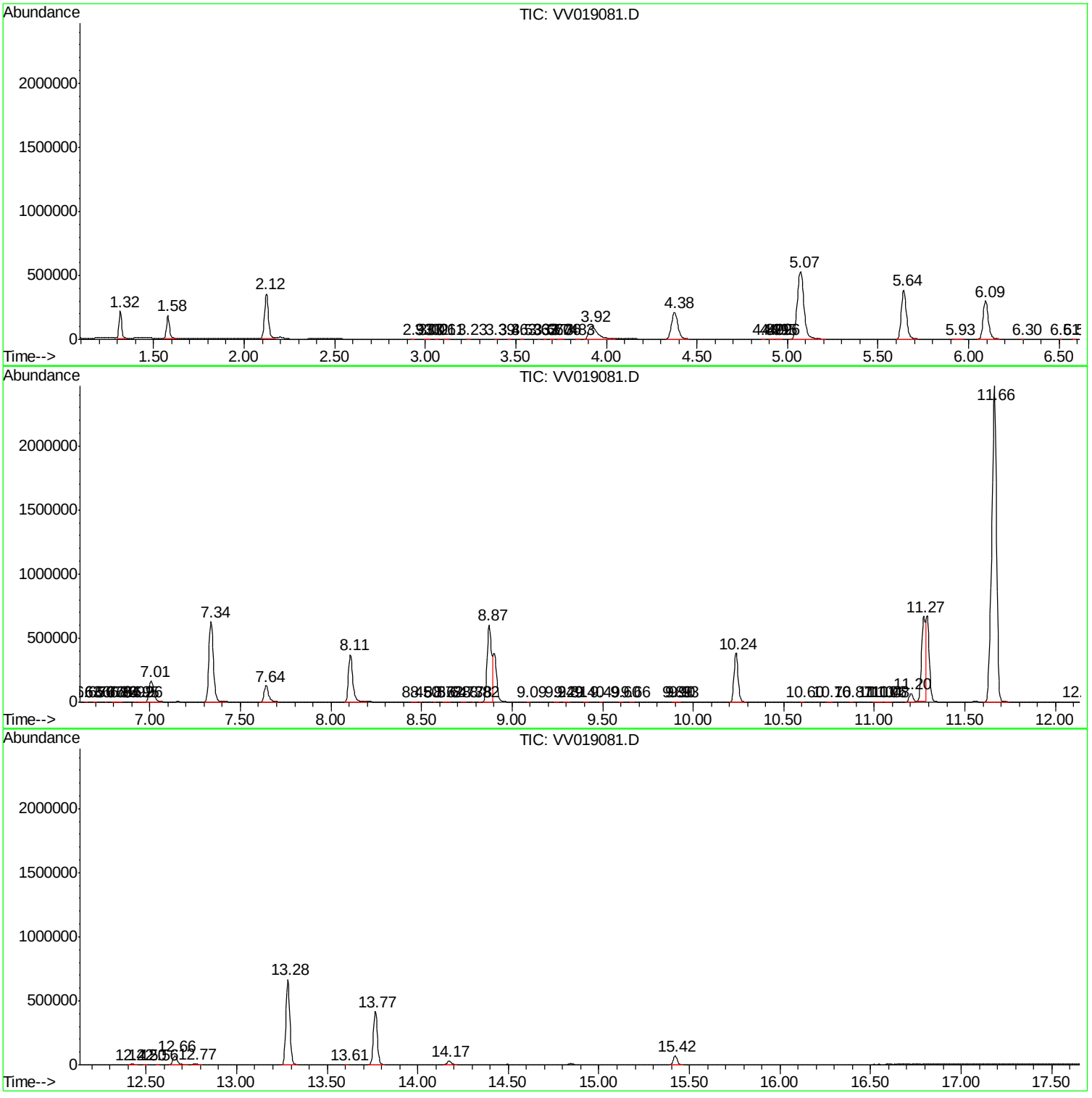
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0FG8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102220\
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Instrument : MSVOA_V
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
Quant Title : VOC Analysis

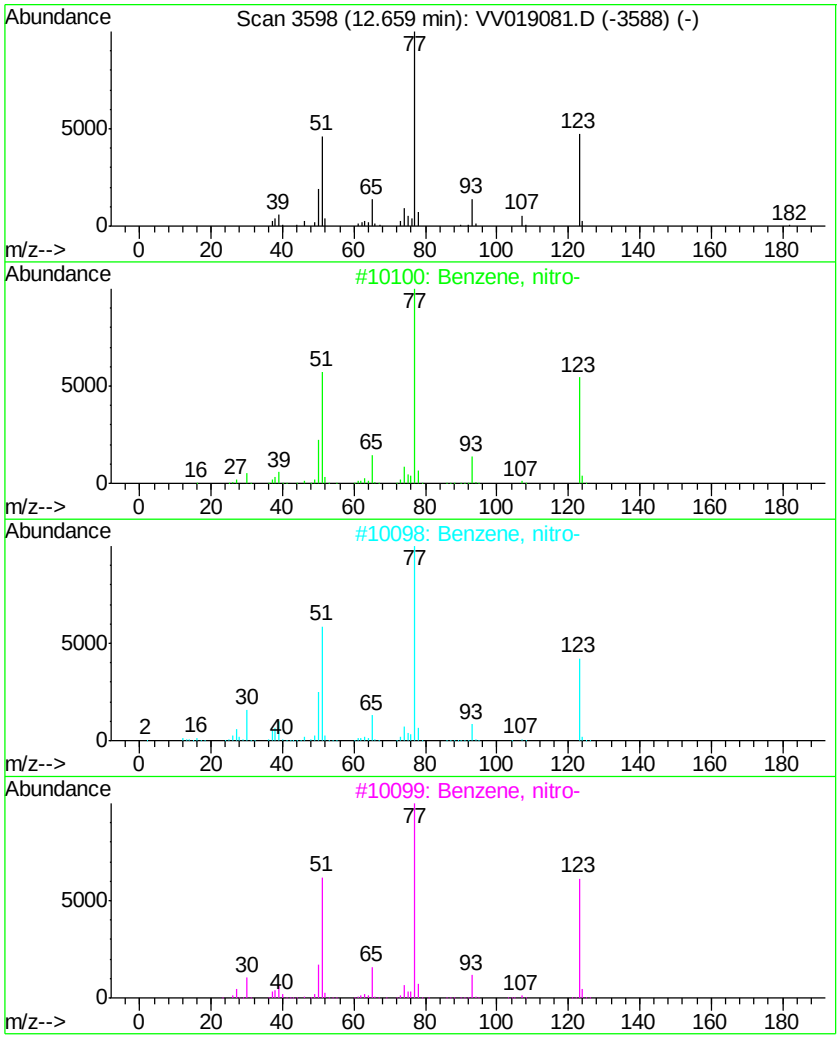
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

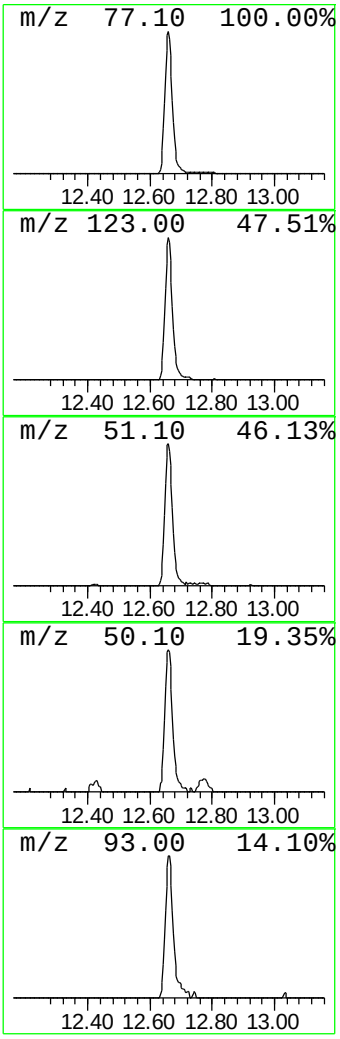
****

Peak Number 2 Benzene, nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	5.70 ug/L	114980	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, nitro-	123	C6H5NO2	000098-95-3	95
2	Benzene, nitro-	123	C6H5NO2	000098-95-3	91
3	Benzene, nitro-	123	C6H5NO2	000098-95-3	90
4	Benzene, nitro-	123	C6H5NO2	000098-95-3	87
5	Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	40





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Instrument : MSVOA_V
ClientSampleId : C0FG8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
Quant Title : VOC Analysis

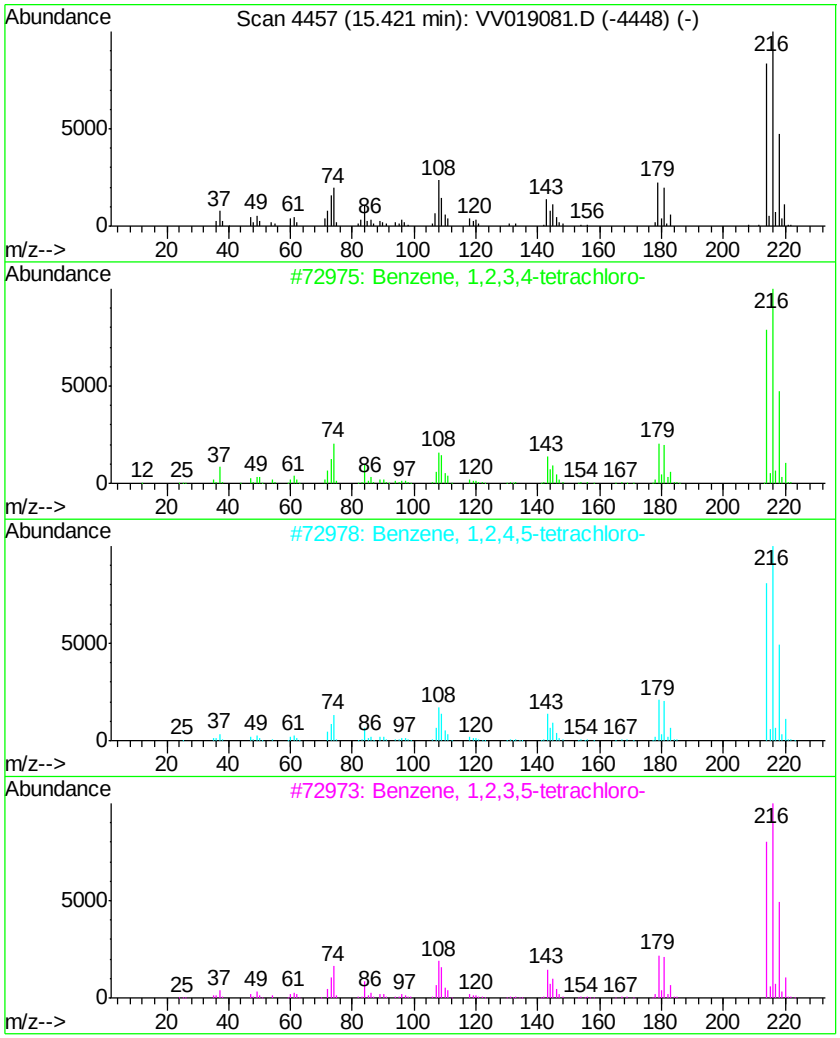
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

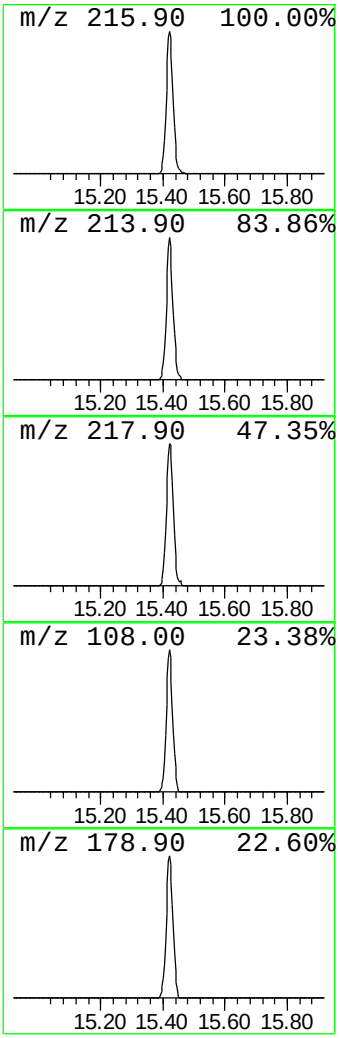
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	4.98 ug/L	100547	1,4-Dichlorobenzene-d4	11.27

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





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, nitro-	12.66	5.7	ug/L	114980	3	11.27	1008930	50.0
Benzene, 1,2,3,5-...	15.42	5.0	ug/L	100547	3	11.27	1008930	50.0