LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072220\
Data File : VV017587.D
Acq On : 22 Jul 2020 14:15
Operator : SY/MD
Sample : L3386-03
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0F85

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\SOMVLM072120WMA.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	1.316	64	70	80	rVB	145051	141067	2.94%	0.909%
2	1.579	145	152	161	rBV	106837	118933	2.48%	0.767%
3	2.119	310	320	334	rBV	246427	376101	7.84%	2.424%
4	2.872	550	554	558	rVB4	773	567	0.01%	0.004%
5	2.894	558	561	563	rBV2	878	472	0.01%	0.003%
6	2.962	579	582	584	rBV4	583	409	0.01%	0.003%
7	3.190	651	653	656	rVB2	693	451	0.01%	0.003%
8	3.209	656	659	660	rBV2	638	377	0.01%	0.002%
9	3.389	711	715	719	rBV5	901	543	0.01%	0.004%
10	3.438	725	730	731	rBV2	729	518	0.01%	0.003%
11	3.589	774	777	779	rBV2	475	389	0.01%	0.003%
12	3.605	779	782	783	rVB2	700	401	0.01%	0.003%
13	3.650	790	796	797	rBV4	628	564	0.01%	0.004%
14	3.708	811	814	816	rBV2	777	539	0.01%	0.003%
15	3.785	836	838	842	rVB3	738	426	0.01%	0.003%
16	3.811	842	846	848	rBV3	840	638	0.01%	0.004%
17	3.914	866	878	906	rBV2	90953	300165	6.26%	1.935%
18	4.377	1008	1022	1043	rBV	197700	476488	9.93%	3.072%
19	4.701	1121	1123	1126	rBV	593	440	0.01%	0.003%
20	4.775	1139	1146	1148	rBV4	752	578	0.01%	0.004%
21	5.071	1221	1238	1271	rBV2	468351	1229778	25.63%	7.928%
22	5.328	1316	1318	1324	rVB5	1171	981	0.02%	0.006%
23	5.357	1324	1327	1329	rBV2	785	444	0.01%	0.003%
24	5.592	1397	1400	1402	rBV4	745	475	0.01%	0.003%
25	5.640	1402	1415	1445	rVV	385317	762439	15.89%	4.915%
26	5.856	1478	1482	1486	rVB5	1098	1110	0.02%	0.007%
27	6.093	1543	1556	1581	rBV	268083	543100	11.32%	3.501%
28	6.302	1619	1621	1623	rBV2	971	415	0.01%	0.003%
29	6.486	1674	1678	1680	rBV3	903	742	0.02%	0.005%
30	6.508	1680	1685	1687	rVB3	1191	775	0.02%	0.005%
31	6.528	1687	1691	1695	rBV4	1054	1021	0.02%	0.007%
32	6.598	1707	1713	1718	rBV8	1002	1221	0.03%	0.008%
33	6.643	1721	1727	1728	rBV5	1473	1337	0.03%	0.009%
34	6.801	1774	1776	1778	rVV3	953	424	0.01%	0.003%

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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0F85

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\SOMVLM072120WMA.M
Title : VOC Analysis

35	6.897	1802	1806	1809	rVB5	984	858	0.02%	0.006%
36	6.913	1809	1811	1813	rBV	791	384	0.01%	0.002%
37	7.007	1828	1840	1863	rBV	161237	295529	6.16%	1.905%
38	7.338	1931	1943	1959	rBV	567663	964147	20.10%	6.215%
39	7.640	2027	2037	2060	rBV	117812	207997	4.34%	1.341%
40	7.865	2104	2107	2108	rBV2	991	379	0.01%	0.002%
41	8.064	2166	2169	2172	rVB3	802	552	0.01%	0.004%
42	8.106	2172	2182	2214	rBV	300284	550447	11.47%	3.548%
43	8.293	2238	2240	2245	rVB3	1490	1118	0.02%	0.007%
44	8.479	2296	2298	2301	rBV3	1216	657	0.01%	0.004%
45	8.502	2303	2305	2307	rVB2	964	382	0.01%	0.002%
46	8.576	2325	2328	2333	rVB5	758	625	0.01%	0.004%
47	8.601	2333	2336	2338	rVV2	791	419	0.01%	0.003%
48	8.634	2342	2346	2350	rBV5	863	899	0.02%	0.006%
49	8.679	2357	2360	2361	rBV	797	459	0.01%	0.003%
50	8.708	2367	2369	2372	rBV3	694	432	0.01%	0.003%
51	8.875	2408	2421	2426	rBV	589968	978571	20.40%	6.308%
52	9.129	2498	2500	2502	rBV2	768	450	0.01%	0.003%
53	9.238	2532	2534	2538	rBV3	1211	1041	0.02%	0.007%
54	9.290	2548	2550	2552	rVB2	1056	476	0.01%	0.003%
55	9.453	2595	2601	2604	rBV4	567	620	0.01%	0.004%
56	9.476	2604	2608	2613	rBV4	619	498	0.01%	0.003%
57	9.515	2618	2620	2623	rBV4	684	481	0.01%	0.003%
58	9.556	2630	2633	2635	rBV2	991	511	0.01%	0.003%
59	9.666	2661	2667	2669	rVV4	541	640	0.01%	0.004%
60	9.740	2685	2690	2692	rBV3	801	572	0.01%	0.004%
61	9.756	2692	2695	2698	rBV2	699	636	0.01%	0.004%
62	9.846	2720	2723	2727	rBV2	735	554	0.01%	0.004%
63	9.926	2745	2748	2749	rBV	922	485	0.01%	0.003%
64	9.949	2752	2755	2756	rBV2	1071	637	0.01%	0.004%
65	10.000	2769	2771	2775	rBV4	823	745	0.02%	0.005%
66	10.119	2804	2808	2809	rBV2	821	544	0.01%	0.004%
67	10.238	2833	2845	2863	rBV	359851	565827	11.79%	3.648%
68	10.315	2867	2869	2873	rVB3	637	376	0.01%	0.002%
69	10.341	2873	2877	2879	rBV3	788	600	0.01%	0.004%
70	10.402	2886	2896	2907	rVB4	7359	12237	0.26%	0.079%
71	10.547	2939	2941	2944	rBV2	782	583	0.01%	0.004%

LSC Area Percent Report

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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0F85

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\SOMVLM072120WMA.M
Title : VOC Analysis

72	10.592	2952	2955	2956	rBV2	1204	809	0.02%	0.005%
73	10.695	2984	2987	2990	rBV2	782	614	0.01%	0.004%
74	10.846	3032	3034	3037	rVV2	1067	528	0.01%	0.003%
75	10.875	3041	3043	3045	rVB2	955	407	0.01%	0.003%
76	10.984	3073	3077	3081	rBV3	805	690	0.01%	0.004%
77	11.006	3081	3084	3088	rBV3	755	613	0.01%	0.004%
78	11.055	3094	3099	3101	rBV3	577	483	0.01%	0.003%
79	11.203	3135	3145	3155	rBV2	68798	112153	2.34%	0.723%
80	11.273	3156	3167	3170	rBV	654742	998283	20.81%	6.435%
81	11.498	3234	3237	3240	rBV4	1284	1000	0.02%	0.006%
82	11.666	3271	3289	3308	rBV2	2615305	4797619	100.00%	30.927%
83	12.113	3425	3428	3430	rBV3	768	441	0.01%	0.003%
84	12.241	3464	3468	3471	rBV4	1000	676	0.01%	0.004%
85	12.264	3471	3475	3476	rBV4	1681	1166	0.02%	0.008%
86	12.370	3505	3508	3510	rBV2	1068	725	0.02%	0.005%
87	12.421	3519	3524	3529	rBV5	3984	4529	0.09%	0.029%
88	12.534	3554	3559	3560	rBV2	1137	763	0.02%	0.005%
89	12.572	3566	3571	3573	rBV2	659	541	0.01%	0.003%
90	12.588	3574	3576	3580	rBV3	915	674	0.01%	0.004%
91	12.659	3588	3598	3611	rBV	68560	111235	2.32%	0.717%
92	12.900	3671	3673	3675	rBV2	1066	743	0.02%	0.005%
93	13.010	3705	3707	3709	rBV2	827	389	0.01%	0.003%
94	13.080	3725	3729	3731	rBV2	896	778	0.02%	0.005%
95	13.283	3780	3792	3812	rBV	663852	1004898	20.95%	6.478%
96	13.530	3866	3869	3879	rVB6	3367	4152	0.09%	0.027%
97	13.768	3931	3943	3959	rVV	463314	722340	15.06%	4.656%
98	14.174	4061	4069	4081	rVB3	22182	35931	0.75%	0.232%
99	14.846	4267	4278	4287	rBV4	12804	21539	0.45%	0.139%
100	15.424	4448	4458	4475	rVB	82985	131239	2.74%	0.846%

Sum of corrected areas: 15512654

LSC Report - Integrated Chromatogram

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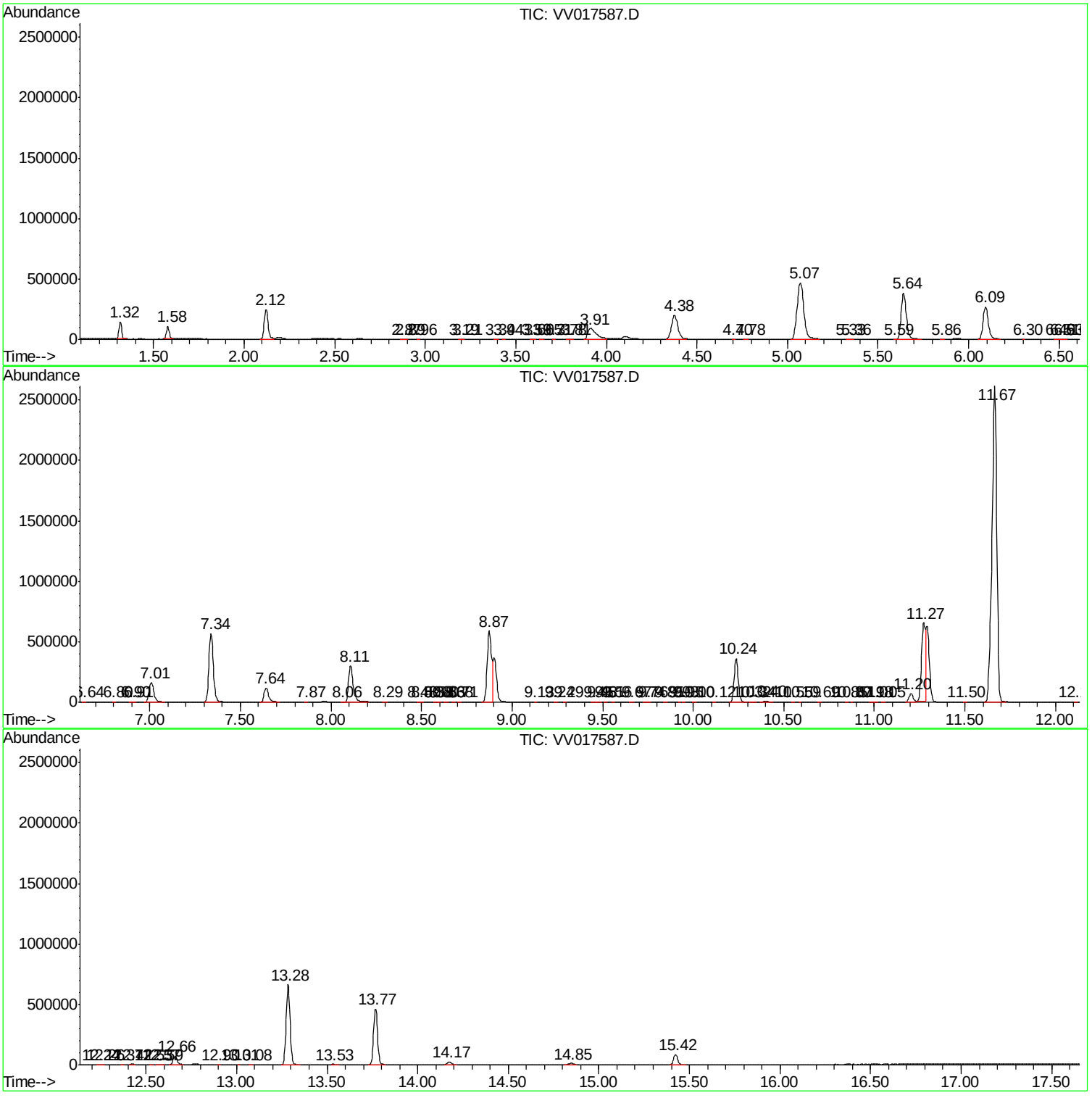
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0F85

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072120WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072220\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072120WMA.M
Quant Title : VOC Analysis

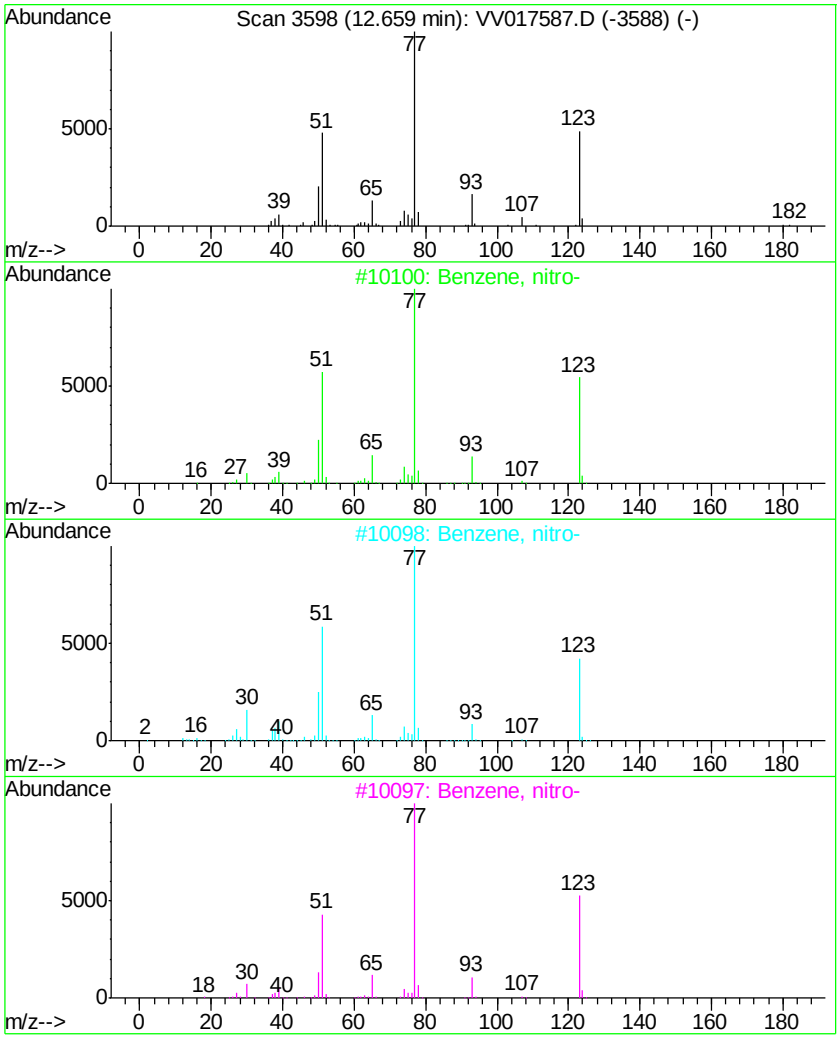
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

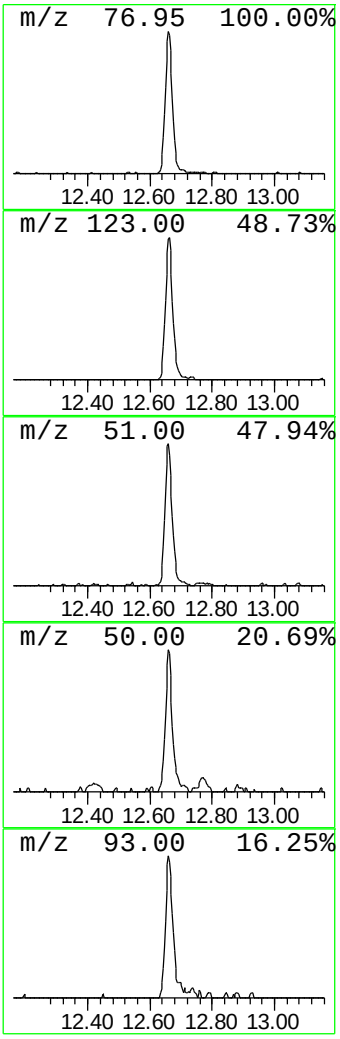
****

Peak Number 2 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	5.57 ug/L	111235	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	91
4	Benzene, nitro-	123	C6H5NO2	000098-95-3	90
5	Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	40





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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0F85

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072120WMA.M
Quant Title : VOC Analysis

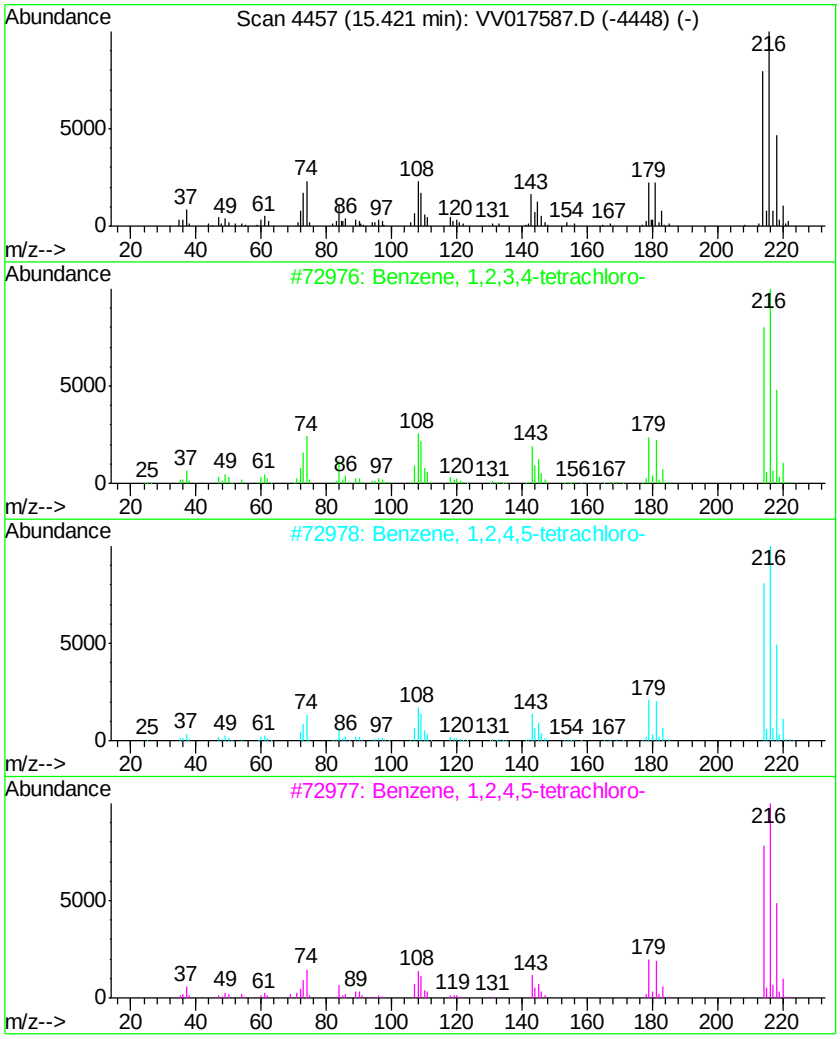
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

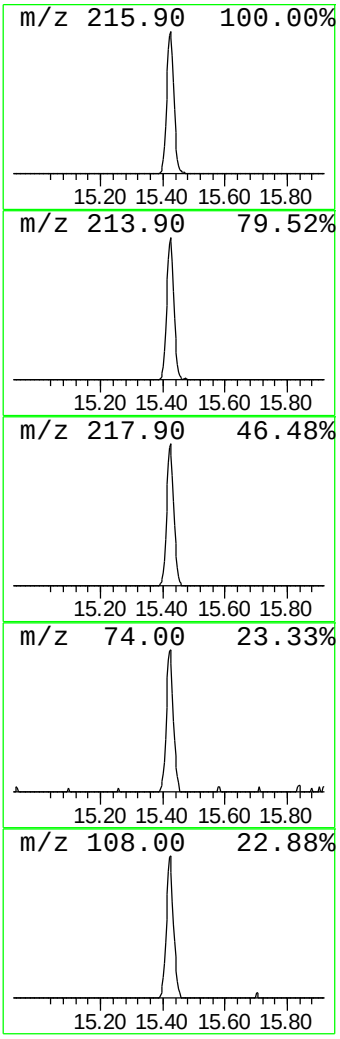
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	6.57 ug/L	131239	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, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	99
4	Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	99
5	Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	99





Tentatively Identified Compound (LSC) summary

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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
unknown-01	12.66	5.6	ug/L	111235	3	11.27	998283	50.0
Benzene, 1,2,3,5-...	15.42	6.6	ug/L	131239	3	11.27	998283	50.0