LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042120\
Data File : VU037829.D
Acq On : 21 Apr 2020 16:59
Operator : JC/MD
Sample : L2317-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0F09

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\SOMULM042120WMA.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	1.613	78	85	101	rVB	305064	320566	5.15%	1.202%
2	1.929	176	183	199	rVB	233071	307318	4.94%	1.152%
3	2.591	377	389	401	rBV	425650	693934	11.15%	2.601%
4	3.009	517	519	522	rBV2	447	275	0.00%	0.001%
5	3.025	522	524	529	rVV2	318	251	0.00%	0.001%
6	3.070	534	538	548	rBV4	1556	2341	0.04%	0.009%
7	3.163	563	567	569	rBV	688	495	0.01%	0.002%
8	3.221	570	585	606	rVV	31749	76221	1.22%	0.286%
9	3.295	606	608	610	rVB	458	181	0.00%	0.001%
10	3.311	610	613	615	rBV2	450	256	0.00%	0.001%
11	3.382	630	635	636	rBV2	1423	1199	0.02%	0.004%
12	3.436	650	652	656	rVB3	739	515	0.01%	0.002%
13	3.597	699	702	705	rBV	502	348	0.01%	0.001%
14	3.848	777	780	783	rVB2	256	169	0.00%	0.001%
15	3.864	783	785	790	rBV	232	161	0.00%	0.001%
16	3.935	805	807	810	rBV2	354	162	0.00%	0.001%
17	3.996	821	826	830	rBV3	421	549	0.01%	0.002%
18	4.018	830	833	839	rVB3	744	638	0.01%	0.002%
19	4.047	839	842	845	rBV	295	176	0.00%	0.001%
20	4.083	850	853	856	rBV2	325	227	0.00%	0.001%
21	4.160	875	877	880	rVB	411	224	0.00%	0.001%
22	4.179	880	883	888	rBV3	705	591	0.01%	0.002%
23	4.282	913	915	920	rVV3	460	348	0.01%	0.001%
24	4.343	930	934	939	rVB2	393	355	0.01%	0.001%
25	4.385	939	947	953	rBV4	600	746	0.01%	0.003%
26	4.414	953	956	957	rBV	423	269	0.00%	0.001%
27	4.462	964	971	972	rBV2	509	446	0.01%	0.002%
28	4.552	995	999	1002	rVV3	360	327	0.01%	0.001%
29	4.571	1002	1005	1007	rBV2	453	316	0.01%	0.001%
30	4.668	1018	1035	1059	rBV2	290198	695974	11.18%	2.609%
31	5.102	1153	1170	1191	rBV	377510	817836	13.14%	3.066%
32	5.240	1210	1213	1217	rBV2	525	425	0.01%	0.002%
33	5.266	1217	1221	1224	rVV3	477	404	0.01%	0.002%
34	5.388	1257	1259	1261	rBV2	394	246	0.00%	0.001%

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

Instrument : MSVOA_U
ClientSampleId : C0F09

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\SOMULM042120WMA.M
Title : VOC Analysis

35	5.411	1261	1266	1267	rBV4	998	954	0.02%	0.004%
36	5.523	1296	1301	1304	rBV	449	384	0.01%	0.001%
37	5.555	1304	1311	1312	rBV3	450	434	0.01%	0.002%
38	5.604	1319	1326	1328	rBV3	587	421	0.01%	0.002%
39	5.629	1332	1334	1338	rBV	336	240	0.00%	0.001%
40	5.761	1350	1375	1403	rBV2	827446	2211350	35.53%	8.290%
41	5.887	1410	1414	1417	rBV3	969	846	0.01%	0.003%
42	6.112	1481	1484	1486	rBV2	306	189	0.00%	0.001%
43	6.282	1522	1537	1555	rBV	650682	1217306	19.56%	4.563%
44	6.562	1614	1624	1635	rVB8	7075	13613	0.22%	0.051%
45	6.723	1658	1674	1691	rBV	517439	1007657	16.19%	3.778%
46	6.886	1723	1725	1730	rVB2	1005	560	0.01%	0.002%
47	6.912	1730	1733	1735	rBV3	493	345	0.01%	0.001%
48	6.944	1741	1743	1744	rBV	349	164	0.00%	0.001%
49	6.996	1756	1759	1761	rBV2	381	280	0.00%	0.001%
50	7.034	1769	1771	1779	rVB2	496	478	0.01%	0.002%
51	7.083	1779	1786	1796	rBV4	1189	2262	0.04%	0.008%
52	7.121	1796	1798	1800	rBV2	526	285	0.00%	0.001%
53	7.205	1816	1824	1832	rBV5	3918	6343	0.10%	0.024%
54	7.298	1850	1853	1855	rBV2	368	317	0.01%	0.001%
55	7.346	1865	1868	1869	rBV2	567	323	0.01%	0.001%
56	7.388	1874	1881	1883	rBV3	441	518	0.01%	0.002%
57	7.430	1890	1894	1898	rBV3	604	512	0.01%	0.002%
58	7.526	1921	1924	1930	rVB4	822	923	0.01%	0.003%
59	7.591	1930	1944	1967	rBV	318569	549968	8.84%	2.062%
60	7.703	1974	1979	1996	rVB6	2977	6012	0.10%	0.023%
61	7.819	2006	2015	2027	rBV3	4556	7833	0.13%	0.029%
62	7.922	2033	2047	2064	rBV	1031610	1769159	28.42%	6.632%
63	8.147	2113	2117	2119	rBV2	390	234	0.00%	0.001%
64	8.202	2120	2134	2152	rBV	227349	375189	6.03%	1.407%
65	8.491	2213	2224	2239	rVB2	8284	14820	0.24%	0.056%
66	8.575	2244	2250	2256	rVV5	1987	2417	0.04%	0.009%
67	8.655	2261	2275	2305	rBV	764325	1345700	21.62%	5.045%
68	8.899	2348	2351	2354	rBV	308	262	0.00%	0.001%
69	9.144	2425	2427	2429	rBV	324	189	0.00%	0.001%
70	9.263	2459	2464	2469	rBV	570	564	0.01%	0.002%
71	9.292	2470	2473	2476	rBV2	374	242	0.00%	0.001%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0F09

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\SOMULM042120WMA.M
Title : VOC Analysis

72	9.436	2504	2518	2553	rVB2	949719	2151887	34.57%	8.067%
73	9.587	2559	2565	2570	rBV5	1976	2511	0.04%	0.009%
74	9.655	2584	2586	2588	rBV2	329	203	0.00%	0.001%
75	9.713	2596	2604	2612	rBV6	2287	3481	0.06%	0.013%
76	9.909	2660	2665	2666	rBV	466	322	0.01%	0.001%
77	10.031	2699	2703	2705	rBV2	337	255	0.00%	0.001%
78	10.089	2719	2721	2723	rBV2	406	227	0.00%	0.001%
79	10.169	2743	2746	2749	rBV	333	272	0.00%	0.001%
80	10.237	2764	2767	2773	rVB3	451	467	0.01%	0.002%
81	10.266	2773	2776	2777	rBV	347	190	0.00%	0.001%
82	10.497	2843	2848	2857	rVB6	1995	2888	0.05%	0.011%
83	10.771	2921	2933	2950	rBV	650284	1046322	16.81%	3.922%
84	10.902	2967	2974	2984	rVB3	9130	13398	0.22%	0.050%
85	11.063	3021	3024	3025	rBV2	374	204	0.00%	0.001%
86	11.099	3030	3035	3039	rBV3	1892	1942	0.03%	0.007%
87	11.192	3059	3064	3068	rBV3	368	430	0.01%	0.002%
88	11.211	3068	3070	3073	rBV	388	230	0.00%	0.001%
89	11.439	3138	3141	3145	rBV	699	541	0.01%	0.002%
90	11.478	3149	3153	3161	rVB4	3351	4483	0.07%	0.017%
91	11.758	3226	3240	3249	rBV3	97143	162871	2.62%	0.611%
92	11.825	3249	3261	3286	rVB2	1032593	2499222	40.15%	9.369%
93	12.140	3356	3359	3364	rVB2	587	431	0.01%	0.002%
94	12.224	3366	3385	3405	rVV2	3157155	6224094	100.00%	23.333%
95	13.227	3685	3697	3711	rBV2	132708	223453	3.59%	0.838%
96	13.864	3883	3895	3913	rBV	894287	1426729	22.92%	5.349%
97	14.111	3965	3972	3982	rVB	16575	25348	0.41%	0.095%
98	14.359	4036	4049	4064	rBV	690946	1101814	17.70%	4.131%
99	14.764	4166	4175	4188	rVB2	53881	88457	1.42%	0.332%
100	16.044	4564	4573	4585	rVB2	141340	228546	3.67%	0.857%

Sum of corrected areas: 26675000

LSC Report - Integrated Chromatogram

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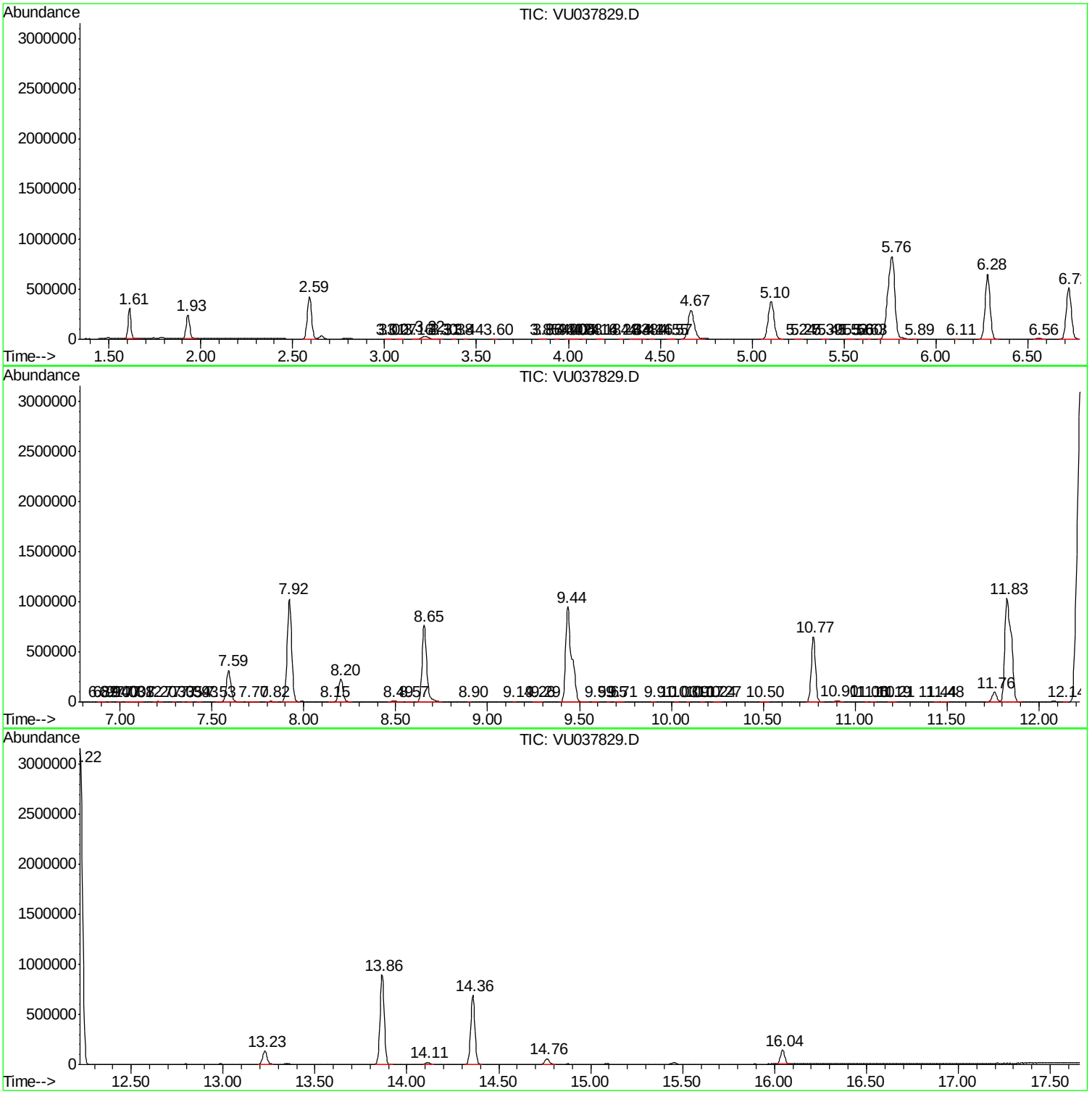
Instrument : MSVOA_U
ClientSampleId : C0F09

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042120WMA.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\VU042120\
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ClientSampleId : C0F09

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042120WMA.M
Quant Title : VOC Analysis

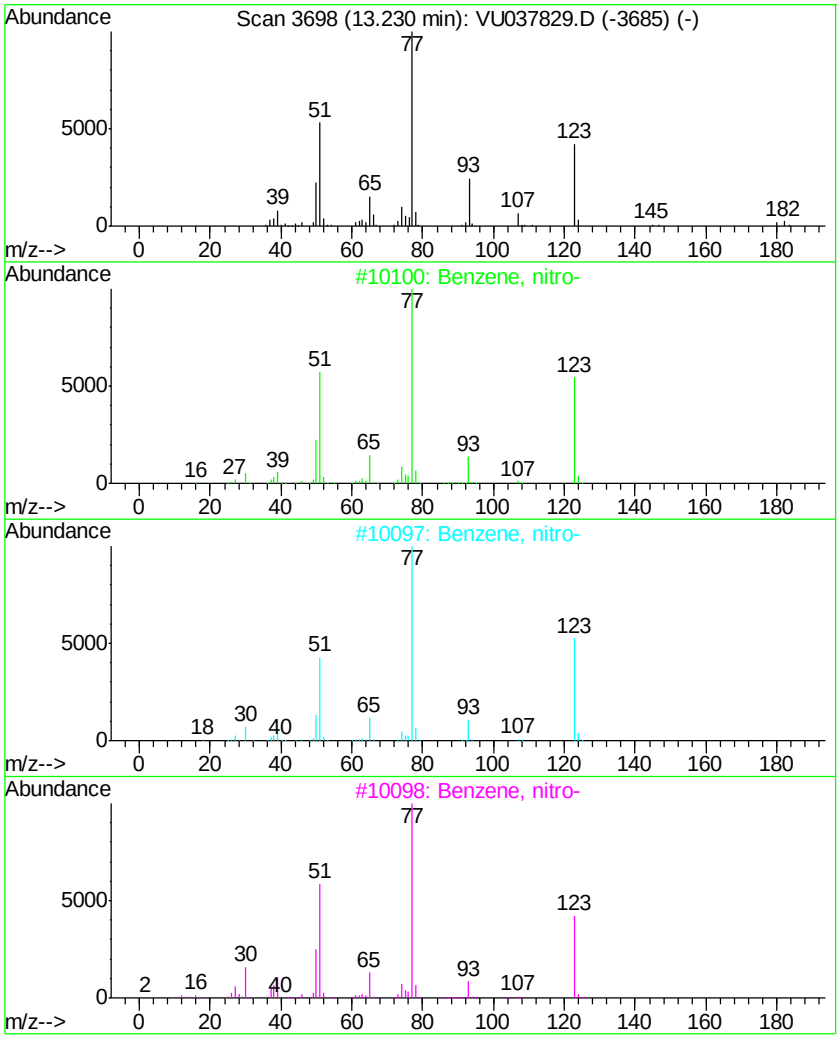
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

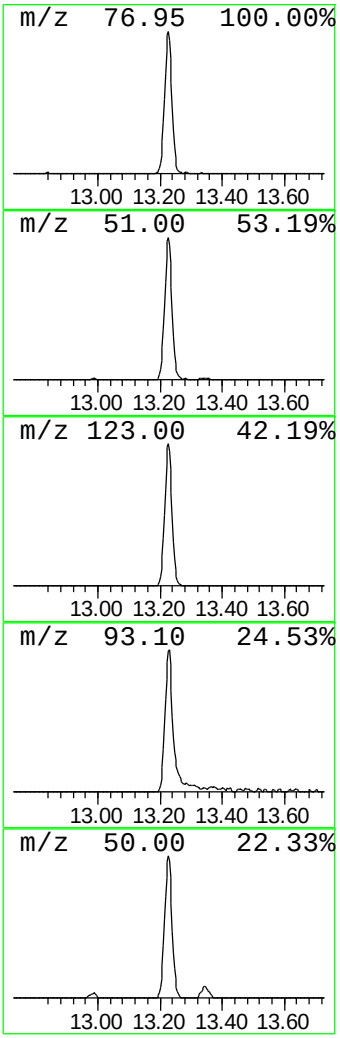
****

Peak Number 3 Benzene, nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	4.47 ug/L	223453	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, nitro-	123	C6H5NO2	000098-95-3	93
2	Benzene, nitro-	123	C6H5NO2	000098-95-3	90
3	Benzene, nitro-	123	C6H5NO2	000098-95-3	87
4	Benzene, nitro-	123	C6H5NO2	000098-95-3	83
5	Propanal, 2-(benzoyloxy)-, (R)-	178	C10H10O3	078871-04-2	38





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042120WMA.M
Quant Title : VOC Analysis

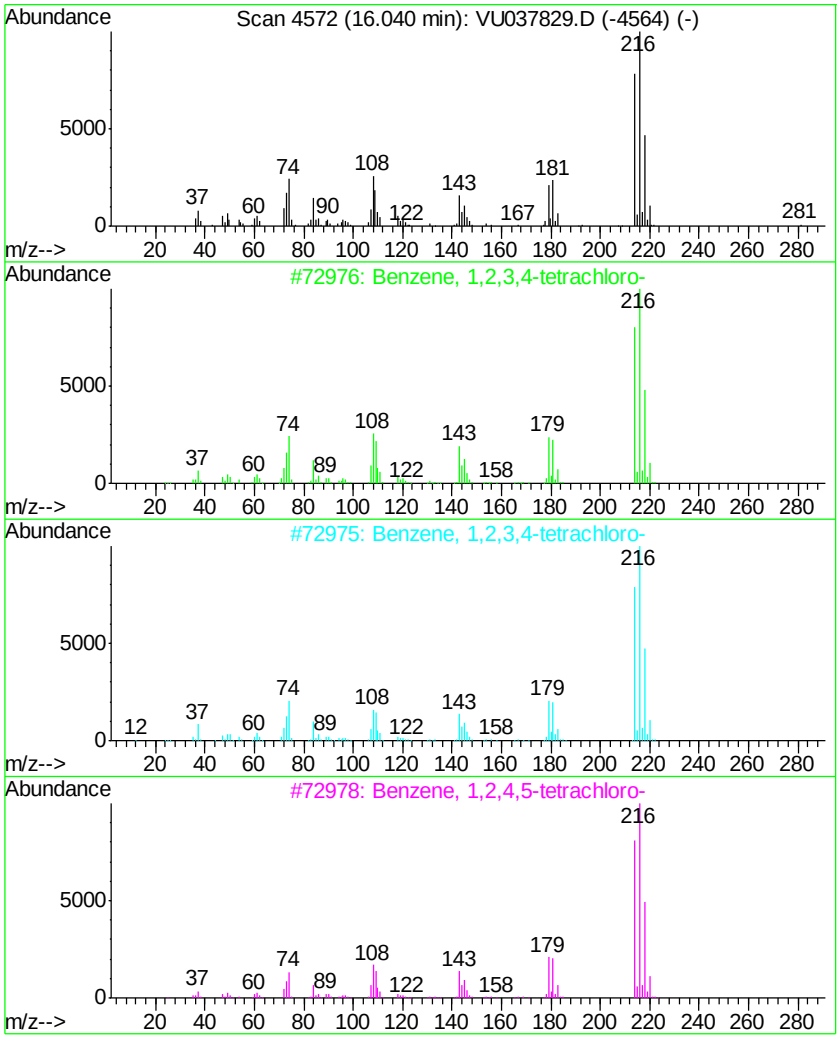
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

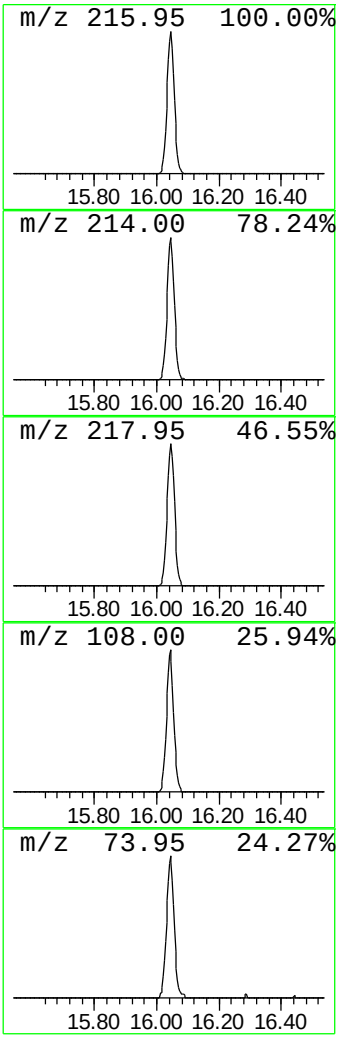
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	4.57 ug/L	228546	1,4-Dichlorobenzene-d4	11.83

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, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	99
4	Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	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

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, nitro-	13.23	4.5	ug/L	223453	3	11.83	2499220	50.0
Benzene, 1,2,3,4-...	16.04	4.6	ug/L	228546	3	11.83	2499220	50.0