

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111423\
 Data File : VD077560.D
 Acq On : 14 Nov 2023 12:56
 Operator : JC/SY
 Sample : 05296-11
 Misc : 5.20G/10ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BH3S5

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_D\Method\SFAMDLM110923SMA.M
 Title : SFAM01.0

Signal : TIC: VD077560.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.634	6	8	9	rBV	1477	844	0.03%	0.006%
2	1.652	9	11	12	rBV	1371	844	0.03%	0.006%
3	1.693	13	18	19	rBV	7423	8688	0.29%	0.061%
4	1.746	19	27	44	rVB	1879129	3035524	100.00%	21.440%
5	2.046	76	78	79	rBV2	1253	1092	0.04%	0.008%
6	2.281	112	118	125	rBV	207978	314502	10.36%	2.221%
7	2.805	202	207	217	rVB	166866	311466	10.26%	2.200%
8	3.475	319	321	322	rVB	1562	795	0.03%	0.006%
9	3.599	340	342	345	rVB	1557	1319	0.04%	0.009%
10	3.722	361	363	366	rVB	1135	1155	0.04%	0.008%
11	3.922	387	397	409	rBV	202596	530506	17.48%	3.747%
12	4.110	427	429	430	rBV	1009	898	0.03%	0.006%
13	4.128	430	432	433	rVB	1362	763	0.03%	0.005%
14	4.446	484	486	488	rVB2	1255	1099	0.04%	0.008%
15	4.481	488	492	493	rBV2	1623	1590	0.05%	0.011%
16	4.581	506	509	511	rVB2	1089	1103	0.04%	0.008%
17	4.599	511	512	517	rBV2	1042	1097	0.04%	0.008%
18	4.734	533	535	537	rBV	1118	955	0.03%	0.007%
19	4.810	541	548	558	rVB3	9891	28871	0.95%	0.204%
20	4.893	558	562	564	rBV2	1395	1458	0.05%	0.010%
21	4.981	576	577	581	rVB	1420	1228	0.04%	0.009%
22	5.010	581	582	585	rBV	1270	1420	0.05%	0.010%
23	5.069	590	592	595	rVB2	1082	1186	0.04%	0.008%
24	5.204	613	615	617	rBV	819	729	0.02%	0.005%
25	5.252	622	623	625	rBV	1832	1051	0.03%	0.007%
26	5.504	664	666	668	rBV	827	699	0.02%	0.005%
27	5.534	668	671	672	rVV2	998	906	0.03%	0.006%
28	5.575	676	678	680	rBV2	1053	877	0.03%	0.006%
29	5.628	684	687	688	rBV2	858	764	0.03%	0.005%
30	5.646	688	690	693	rVB	1213	753	0.02%	0.005%
31	5.704	696	700	702	rBV2	855	1322	0.04%	0.009%
32	5.828	718	721	722	rBV3	1910	2010	0.07%	0.014%
33	5.881	729	730	733	rVB	1719	1153	0.04%	0.008%
34	5.910	733	735	738	rVB	1669	1856	0.06%	0.013%
35	5.951	738	742	744	rBV2	1292	1497	0.05%	0.011%
36	5.975	744	746	748	rBV	1659	1295	0.04%	0.009%

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 Title : SFAM01.0

37	6.099	765	767	768	rBV	807	766	0.03%	0.005%
38	6.116	768	770	772	rVB2	1190	893	0.03%	0.006%
39	6.299	799	801	804	rVB	986	886	0.03%	0.006%
40	6.322	804	805	807	rBV	981	697	0.02%	0.005%
41	6.351	807	810	811	rBV2	739	779	0.03%	0.006%
42	6.393	816	817	820	rBV2	1617	1182	0.04%	0.008%
43	6.446	825	826	830	rVB2	1520	884	0.03%	0.006%
44	6.504	832	836	840	rBV3	974	1525	0.05%	0.011%
45	6.546	840	843	844	rBV	1214	981	0.03%	0.007%
46	6.610	851	854	855	rBV2	919	957	0.03%	0.007%
47	6.651	860	861	864	rVV	841	934	0.03%	0.007%
48	6.904	903	904	907	rVB2	1567	1185	0.04%	0.008%
49	6.987	911	918	927	rVV	33476	89994	2.96%	0.636%
50	7.475	999	1001	1002	rVB2	1616	1024	0.03%	0.007%
51	7.493	1002	1004	1005	rBV2	956	784	0.03%	0.006%
52	7.569	1007	1017	1030	rVV	238682	613118	20.20%	4.330%
53	7.669	1032	1034	1037	rVB2	1510	1144	0.04%	0.008%
54	7.763	1047	1050	1053	rBV2	1304	1668	0.05%	0.012%
55	7.798	1053	1056	1057	rVV	1074	934	0.03%	0.007%
56	7.993	1087	1089	1090	rVB2	1241	746	0.02%	0.005%
57	8.204	1115	1125	1141	rBV2	521774	1511524	49.79%	10.676%
58	8.634	1196	1198	1199	rBV	1149	801	0.03%	0.006%
59	8.781	1214	1223	1236	rBV	541612	1109947	36.57%	7.840%
60	9.028	1261	1265	1271	rVB5	4804	9405	0.31%	0.066%
61	9.122	1279	1281	1283	rVB2	1151	881	0.03%	0.006%
62	9.210	1286	1296	1306	rBV	330927	704695	23.21%	4.977%
63	9.498	1343	1345	1346	rVB	1699	925	0.03%	0.007%
64	9.775	1390	1392	1395	rVB2	1109	1008	0.03%	0.007%
65	9.810	1395	1398	1399	rBV	1573	1584	0.05%	0.011%
66	9.828	1399	1401	1406	rVB4	2492	3230	0.11%	0.023%
67	9.904	1411	1414	1415	rBV2	1256	820	0.03%	0.006%
68	9.922	1415	1417	1418	rVB	1304	759	0.03%	0.005%
69	9.981	1418	1427	1437	rBV	196130	365755	12.05%	2.583%
70	10.187	1461	1462	1464	rBV	1254	1051	0.03%	0.007%
71	10.269	1468	1476	1485	rBV	675693	1220554	40.21%	8.621%
72	10.528	1510	1520	1532	rBV	117846	218857	7.21%	1.546%
73	10.628	1535	1537	1538	rVV	1349	1033	0.03%	0.007%
74	10.669	1540	1544	1549	rVB5	5891	11141	0.37%	0.079%
75	10.710	1549	1551	1552	rBV	1292	845	0.03%	0.006%
76	10.810	1561	1568	1574	rBV	291826	510562	16.82%	3.606%

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 Title : SFAM01.0

77	10.875	1574	1579	1588	rVB	136777	241399	7.95%	1.705%
78	10.981	1595	1597	1600	rBV	2295	2287	0.08%	0.016%
79	11.028	1602	1605	1606	rBV2	2946	2735	0.09%	0.019%
80	11.239	1640	1641	1644	rBV2	1177	1394	0.05%	0.010%
81	11.381	1663	1665	1668	rVB2	2230	1845	0.06%	0.013%
82	11.416	1668	1671	1673	rBV	1314	1679	0.06%	0.012%
83	11.581	1692	1699	1710	rVV	677458	1185859	39.07%	8.376%
84	11.792	1729	1735	1742	rBV2	20822	42957	1.42%	0.303%
85	12.122	1786	1791	1799	rVV3	15124	26035	0.86%	0.184%
86	12.186	1800	1802	1806	rVV2	1723	2102	0.07%	0.015%
87	12.386	1834	1836	1838	rBV	1189	887	0.03%	0.006%
88	12.551	1861	1864	1865	rBV	4614	5226	0.17%	0.037%
89	12.651	1874	1881	1889	rBV	178856	296170	9.76%	2.092%
90	12.845	1912	1914	1916	rBV2	1663	1024	0.03%	0.007%
91	12.904	1919	1924	1929	rBV4	2847	5074	0.17%	0.036%
92	13.157	1963	1967	1970	rVB3	2360	3088	0.10%	0.022%
93	13.516	2022	2028	2037	rBV	492951	831613	27.40%	5.874%
94	13.816	2072	2079	2087	rVB	349474	597959	19.70%	4.223%
95	14.045	2115	2118	2124	rVB3	7712	11845	0.39%	0.084%
96	14.198	2142	2144	2146	rBV2	2012	1109	0.04%	0.008%
97	14.592	2208	2211	2218	rVB6	5147	9475	0.31%	0.067%
98	15.098	2292	2297	2302	rVB3	29903	49900	1.64%	0.352%
99	15.522	2364	2369	2377	rVB5	11022	19463	0.64%	0.137%
100	16.557	2538	2545	2560	rVB3	69428	157239	5.18%	1.111%

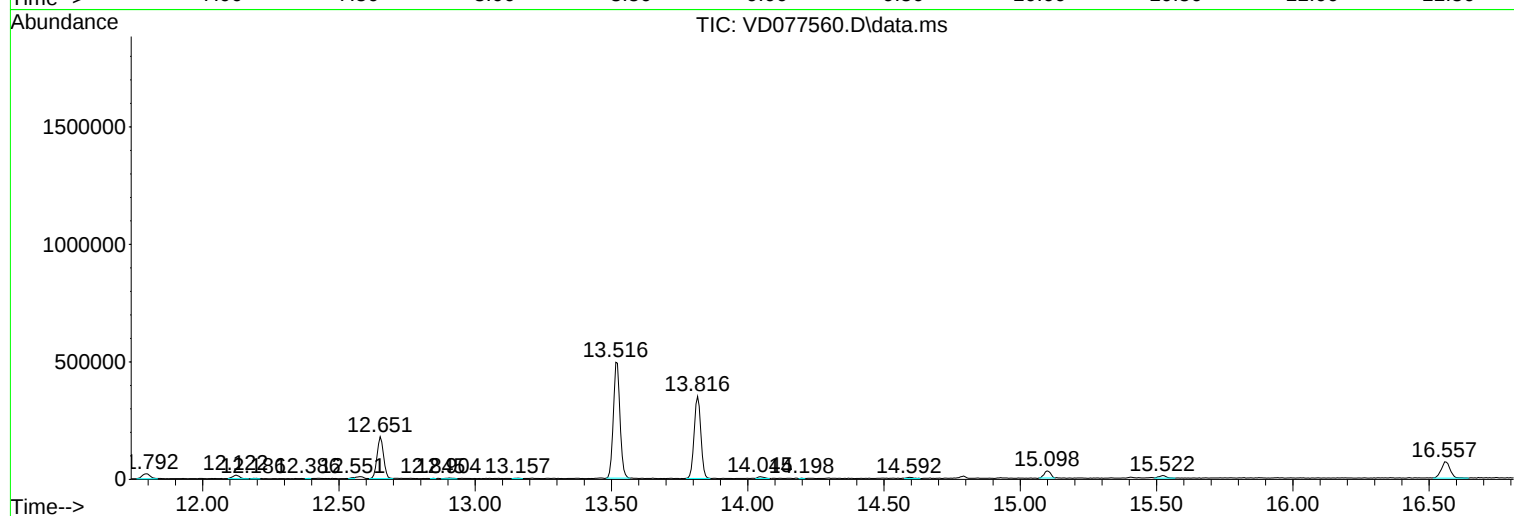
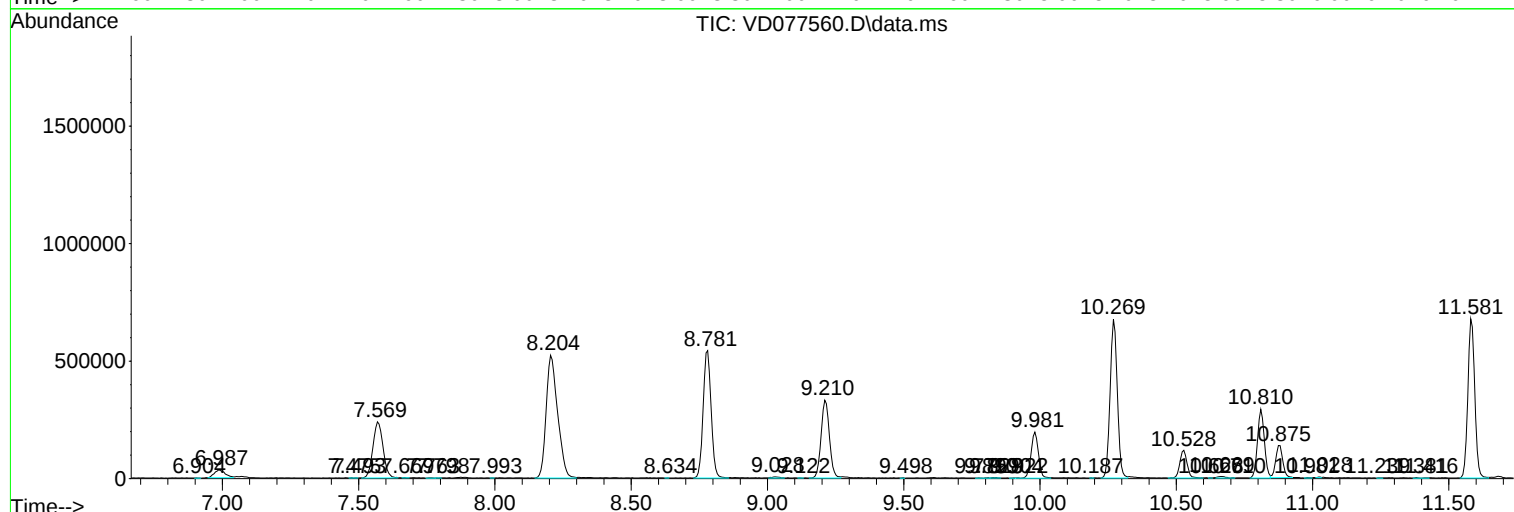
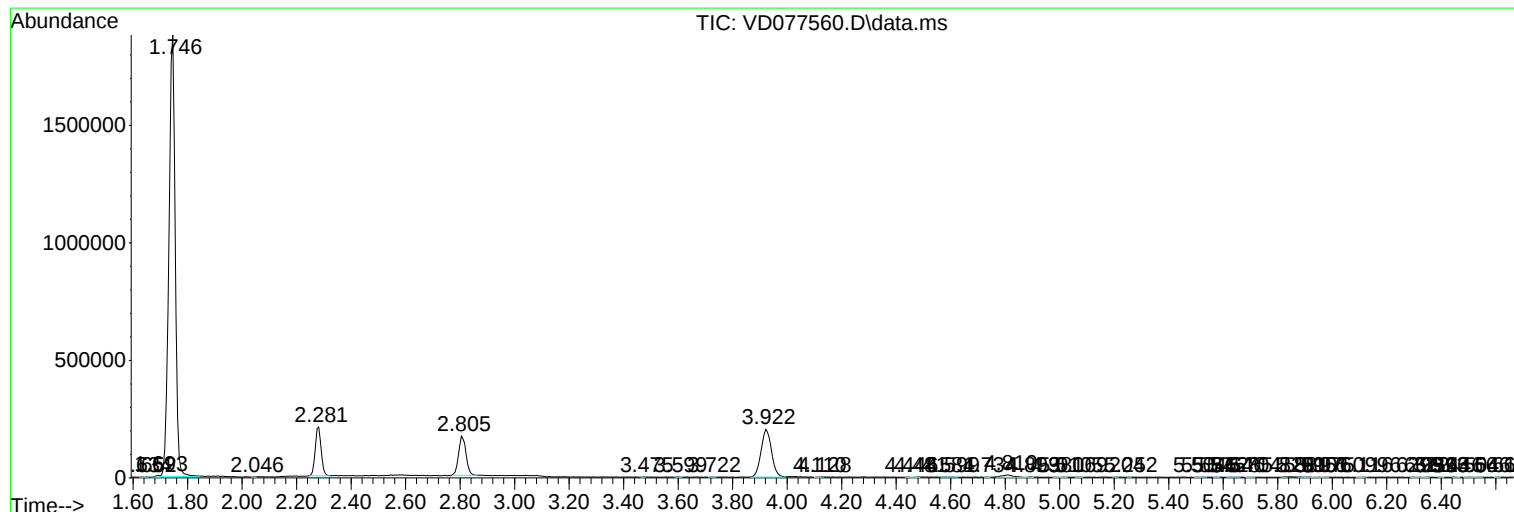
Sum of corrected areas: 14158137

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0

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



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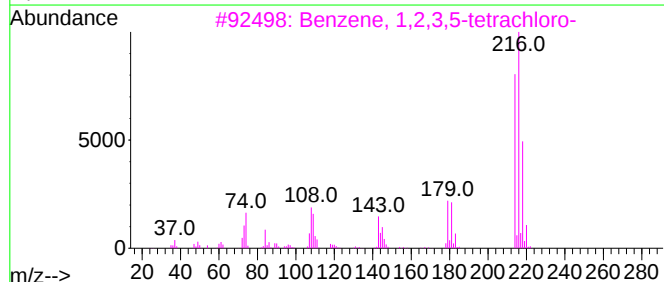
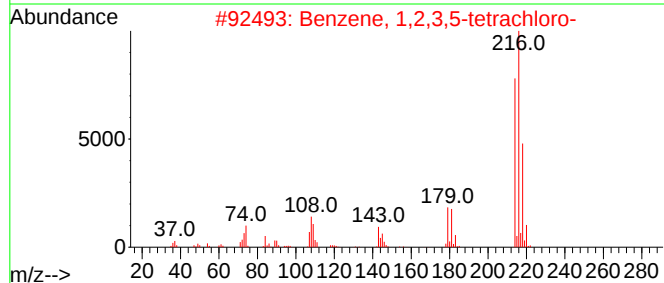
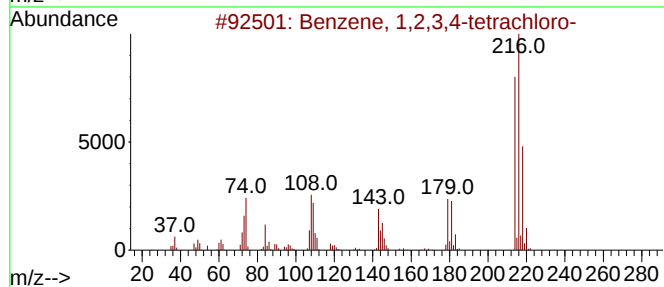
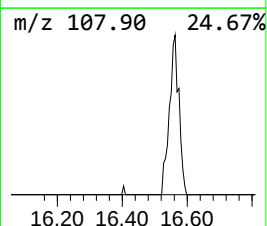
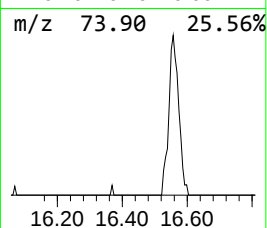
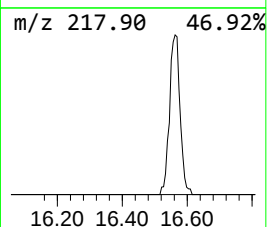
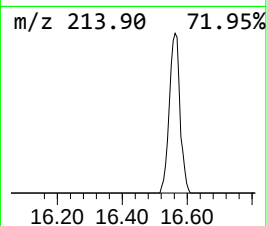
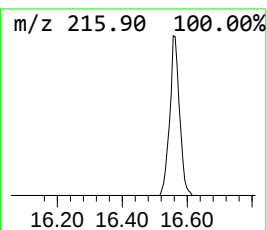
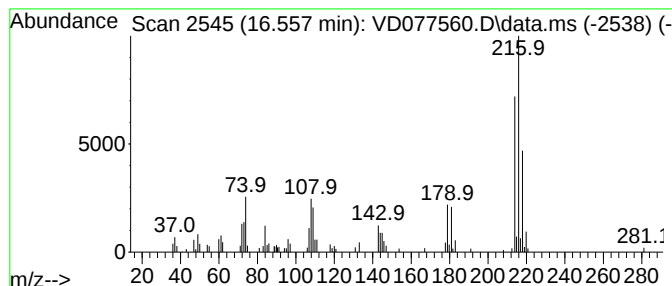
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0

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.
16.557	4.73 ug/L	157239	1,4-Dichlorobenzene-d4	13.522

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, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	98
4			Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	98
5			Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	98



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,2,3,...	16.557	4.7	ug/L	157239	3	13.522	831613	25.0