

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033021\
 Data File : VW018499.D
 Acq On : 30 Mar 2021 11:18
 Operator : SY/VA
 Sample : M1816-17RE
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3Q4RE

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_W\Method\SOM2WLM031921S.M

Title : VOC Analysis

Signal : TIC: VW018499.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.355	69	74	82	rBV	60119	118845	14.67%	2.414%
2	3.531	264	267	268	rBV2	783	783	0.10%	0.016%
3	3.623	280	282	284	rBV2	711	857	0.11%	0.017%
4	3.696	292	294	297	rVB2	731	554	0.07%	0.011%
5	3.763	301	305	308	rBV3	645	869	0.11%	0.018%
6	3.873	317	323	324	rBV2	1219	1432	0.18%	0.029%
7	3.897	324	327	332	rVV4	1344	2376	0.29%	0.048%
8	4.019	337	347	360	rBV	74137	243829	30.09%	4.953%
9	4.306	392	394	395	rVB2	447	221	0.03%	0.004%
10	4.330	395	398	399	rBV3	307	399	0.05%	0.008%
11	4.391	401	408	423	rVB3	7641	25679	3.17%	0.522%
12	4.598	440	442	445	rBV3	601	660	0.08%	0.013%
13	4.854	482	484	485	rBV	590	374	0.05%	0.008%
14	4.921	487	495	497	rBV3	8165	18634	2.30%	0.379%
15	5.062	516	518	521	rBV2	447	494	0.06%	0.010%
16	5.184	536	538	540	rBV	586	534	0.07%	0.011%
17	5.238	545	547	548	rBV2	401	372	0.05%	0.008%
18	5.299	555	557	559	rBV2	376	378	0.05%	0.008%
19	5.342	563	564	565	rVB	433	168	0.02%	0.003%
20	5.397	571	573	575	rBV	498	362	0.04%	0.007%
21	5.494	587	589	590	rBV2	335	269	0.03%	0.005%
22	5.549	597	598	601	rVB	613	456	0.06%	0.009%
23	5.616	607	609	612	rVB2	407	422	0.05%	0.009%
24	5.714	622	625	628	rBV3	586	699	0.09%	0.014%
25	5.879	651	652	654	rBV	583	524	0.06%	0.011%
26	5.946	654	663	671	rVB5	4771	13961	1.72%	0.284%
27	6.037	676	678	679	rBV	317	269	0.03%	0.005%
28	6.263	713	715	717	rBV2	435	507	0.06%	0.010%
29	6.409	738	739	742	rBV2	537	467	0.06%	0.009%
30	6.439	742	744	746	rVV2	270	219	0.03%	0.004%
31	6.543	760	761	763	rBV	504	281	0.03%	0.006%
32	6.592	766	769	771	rBV	525	538	0.07%	0.011%
33	6.610	771	772	774	rBV	253	239	0.03%	0.005%
34	6.677	781	783	784	rBV	508	310	0.04%	0.006%
35	6.781	797	800	802	rBV	486	616	0.08%	0.013%
36	6.805	802	804	806	rVV2	371	341	0.04%	0.007%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Title : VOC Analysis

37	6.915	815	822	827	rBV5	952	2107	0.26%	0.043%
38	6.988	832	834	835	rBV	379	210	0.03%	0.004%
39	7.080	838	849	872	rBV3	39237	129905	16.03%	2.639%
40	7.317	886	888	890	rVB2	738	428	0.05%	0.009%
41	7.372	895	897	898	rVB	364	189	0.02%	0.004%
42	7.494	915	917	919	rVB2	687	511	0.06%	0.010%
43	7.647	933	942	954	rVB	143573	348730	43.04%	7.084%
44	8.043	1005	1007	1008	rBV	513	290	0.04%	0.006%
45	8.061	1008	1010	1012	rVB2	541	451	0.06%	0.009%
46	8.085	1012	1014	1016	rBV	382	379	0.05%	0.008%
47	8.189	1028	1031	1035	rBV3	358	700	0.09%	0.014%
48	8.274	1035	1045	1061	rVV2	259314	810216	100.00%	16.459%
49	8.482	1077	1079	1080	rVV2	356	247	0.03%	0.005%
50	8.683	1111	1112	1115	rBV	809	1124	0.14%	0.023%
51	8.768	1125	1126	1129	rBV	502	333	0.04%	0.007%
52	8.841	1130	1138	1151	rVV	214598	428946	52.94%	8.714%
53	9.073	1172	1176	1180	rBV4	1294	2545	0.31%	0.052%
54	9.201	1195	1197	1200	rBV3	316	305	0.04%	0.006%
55	9.274	1200	1209	1219	rBV	184019	377733	46.62%	7.673%
56	9.500	1244	1246	1248	rBV2	407	246	0.03%	0.005%
57	9.543	1251	1253	1254	rVB2	407	250	0.03%	0.005%
58	9.561	1254	1256	1257	rBV2	363	200	0.02%	0.004%
59	9.622	1265	1266	1267	rBV	635	355	0.04%	0.007%
60	9.713	1279	1281	1283	rBV2	462	463	0.06%	0.009%
61	9.750	1283	1287	1290	rBV2	404	630	0.08%	0.013%
62	9.823	1297	1299	1301	rBV2	565	274	0.03%	0.006%
63	9.939	1316	1318	1319	rBV	417	316	0.04%	0.006%
64	9.963	1320	1322	1323	rVV	457	268	0.03%	0.005%
65	10.036	1326	1334	1345	rVV	94774	174066	21.48%	3.536%
66	10.250	1366	1369	1371	rVB2	467	509	0.06%	0.010%
67	10.323	1373	1381	1389	rBV	332058	578517	71.40%	11.752%
68	10.579	1414	1423	1430	rBV2	59860	109748	13.55%	2.229%
69	10.707	1439	1444	1448	rVB3	5402	9091	1.12%	0.185%
70	10.926	1474	1480	1491	rBV	137194	235620	29.08%	4.786%
71	11.634	1589	1596	1609	rVB	248668	428199	52.85%	8.698%
72	11.725	1609	1611	1614	rBV4	1249	1544	0.19%	0.031%
73	11.877	1634	1636	1639	rBV4	834	835	0.10%	0.017%
74	11.926	1642	1644	1648	rBV3	738	1221	0.15%	0.025%
75	12.341	1708	1712	1717	rBV5	1811	3438	0.42%	0.070%
76	12.560	1744	1748	1749	rBV	509	671	0.08%	0.014%

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77	12.609	1749	1756	1762	rVB2	7643	13637	1.68%	0.277%
78	12.694	1762	1770	1776	rBV	169274	288272	35.58%	5.856%
79	12.755	1776	1780	1784	rVV4	1194	1831	0.23%	0.037%
80	12.877	1799	1800	1801	rBV	525	288	0.04%	0.006%
81	12.944	1807	1811	1816	rVB5	2062	3563	0.44%	0.072%
82	13.036	1824	1826	1829	rBV3	736	694	0.09%	0.014%
83	13.231	1855	1858	1860	rBV2	928	1212	0.15%	0.025%
84	13.286	1865	1867	1869	rBV2	816	631	0.08%	0.013%
85	13.554	1905	1911	1920	rBV	150617	248331	30.65%	5.045%
86	13.645	1924	1926	1932	rVB5	2100	2753	0.34%	0.056%
87	13.761	1941	1945	1946	rBV2	1105	1469	0.18%	0.030%
88	13.853	1953	1960	1967	rBV	129768	216892	26.77%	4.406%
89	14.066	1990	1995	2005	rVB2	14353	23786	2.94%	0.483%
90	14.212	2018	2019	2023	rVB3	756	908	0.11%	0.018%
91	14.322	2033	2037	2044	rVB8	4468	7276	0.90%	0.148%
92	14.621	2084	2086	2092	rVB6	1397	2165	0.27%	0.044%
93	14.694	2096	2098	2100	rBV3	963	989	0.12%	0.020%
94	14.859	2122	2125	2126	rBV2	909	840	0.10%	0.017%
95	15.127	2167	2169	2174	rVB6	1170	1122	0.14%	0.023%
96	15.170	2174	2176	2178	rBV4	1166	1180	0.15%	0.024%
97	15.243	2186	2188	2193	rVB5	2087	2425	0.30%	0.049%
98	15.487	2223	2228	2234	rVB	5415	9919	1.22%	0.201%
99	15.889	2291	2294	2298	rBV4	1350	2149	0.27%	0.044%
100	15.950	2302	2304	2305	rBV	1166	630	0.08%	0.013%

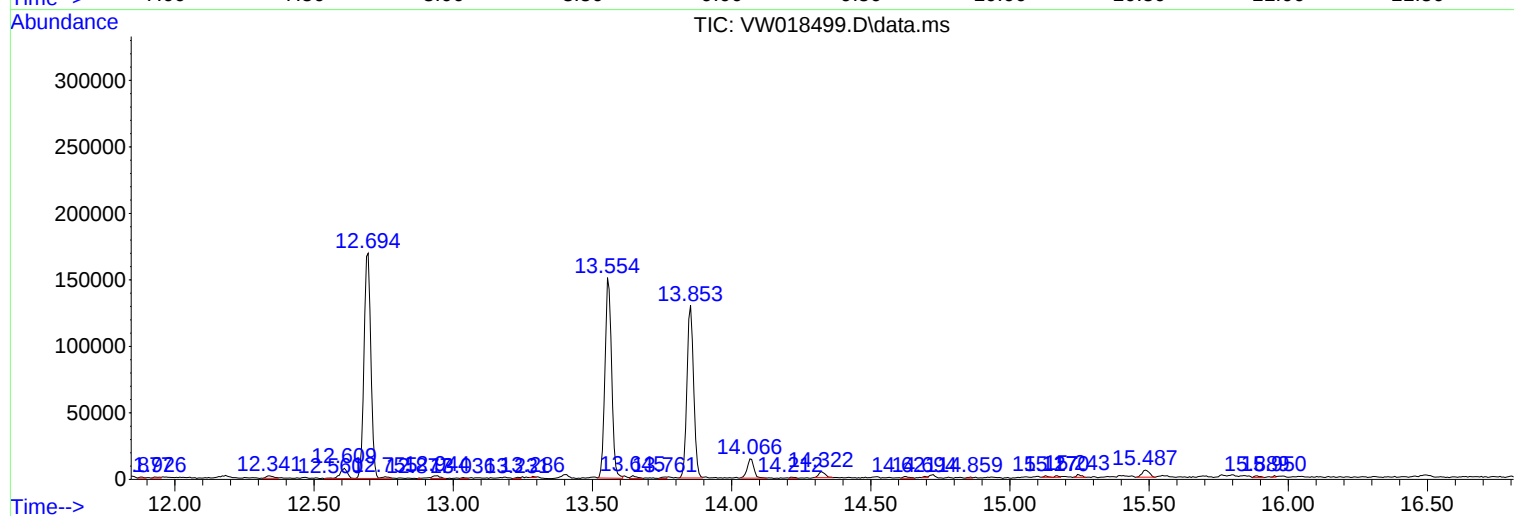
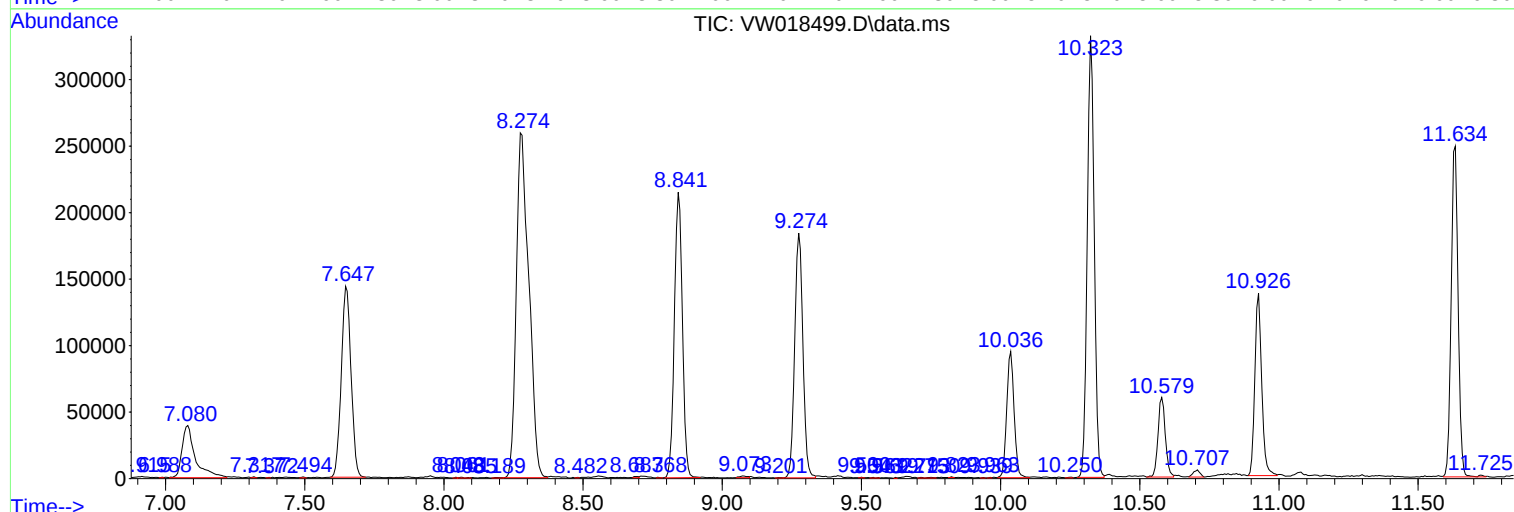
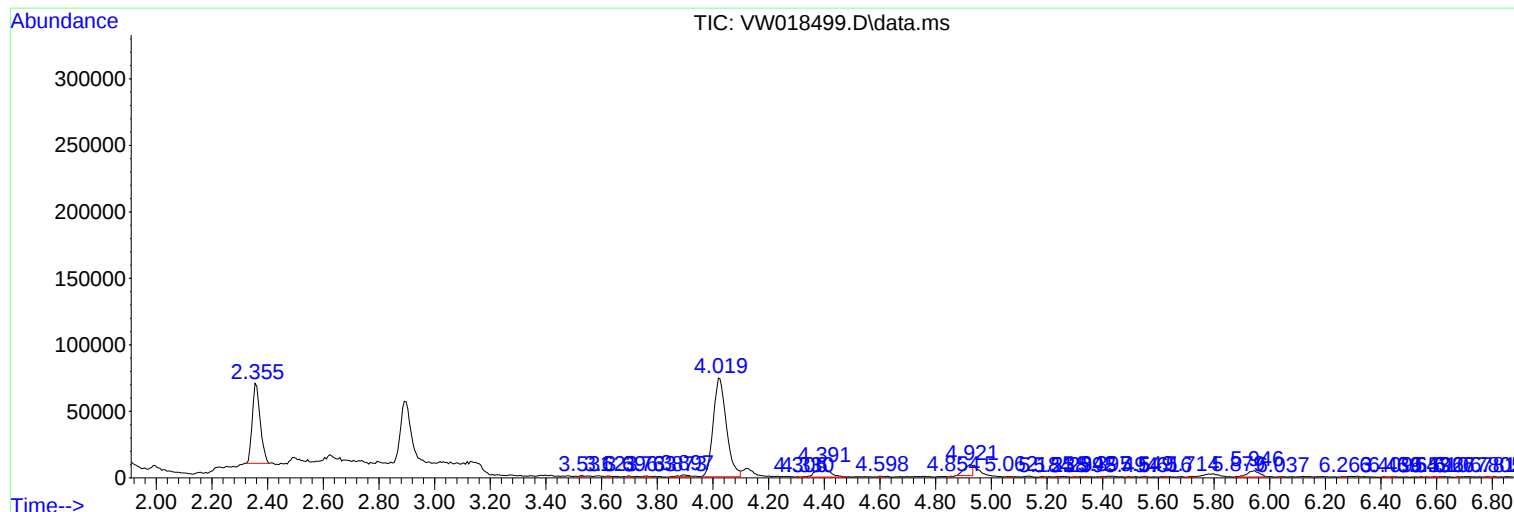
Sum of corrected areas: 4922710

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Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

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



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Instrument :
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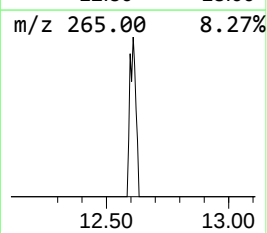
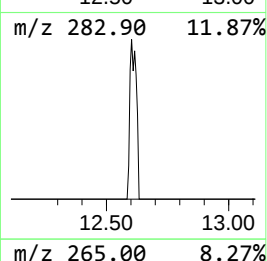
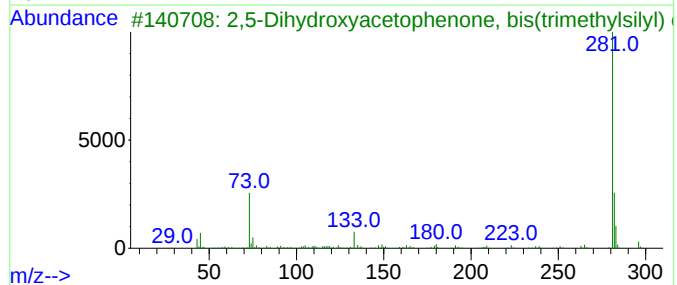
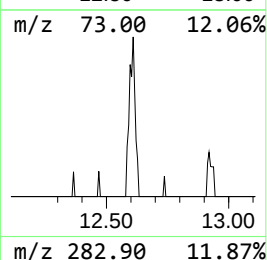
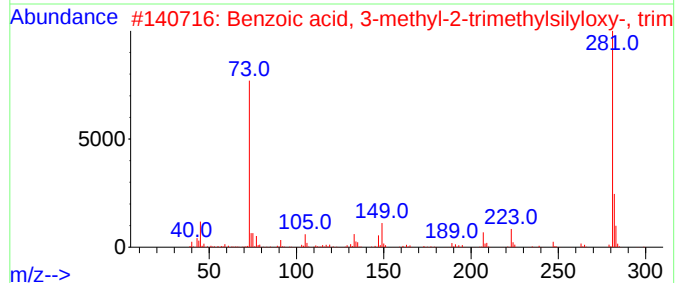
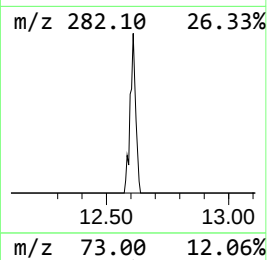
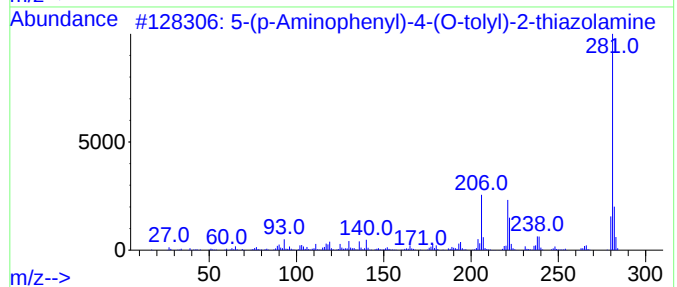
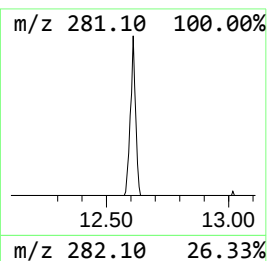
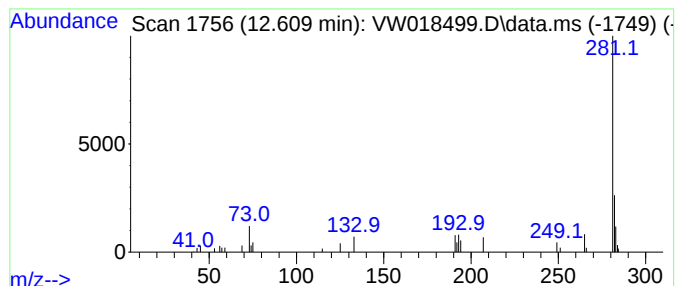
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis

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

Peak Number 2 5-(p-Aminophenyl)-4-(O-toly... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.609	1.37 ug/L	13637	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-(p-Aminophenyl)-4-(O-tolyl)-2-...	281	C16H15N3S	1000242-18-7	72
2			Benzoic acid, 3-methyl-2-trimeth...	296	C14H24O3Si2	1000153-57-1	50
3			2,5-Dihydroxyacetophenone, bis(t...	296	C14H24O3Si2	1000352-83-7	50
4			5-(p-Aminophenyl)-4-(p-tolyl)-2-...	281	C16H15N3S	094460-46-5	50
5			Benzoic acid, 4-methyl-2-trimeth...	296	C14H24O3Si2	1000153-59-3	50



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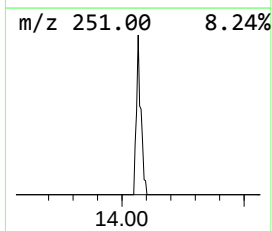
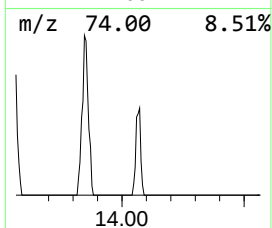
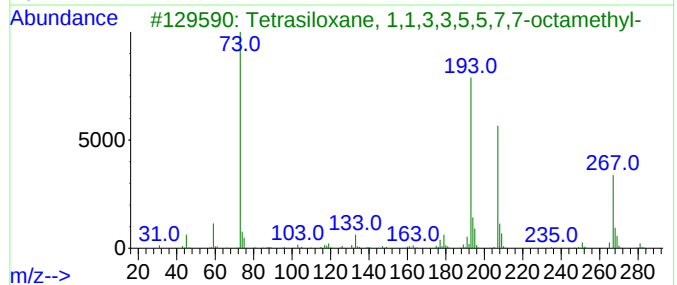
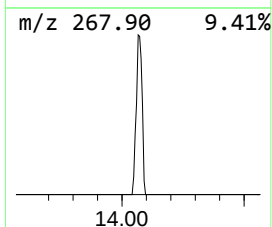
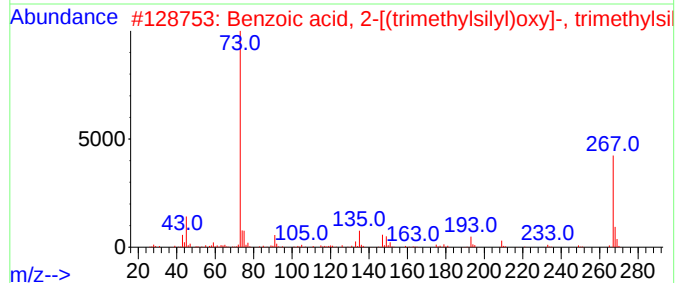
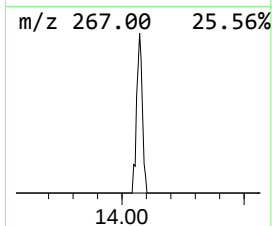
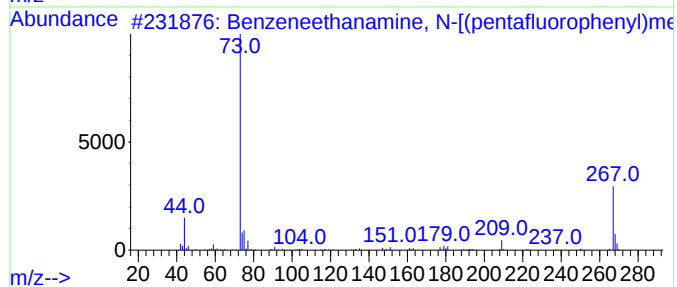
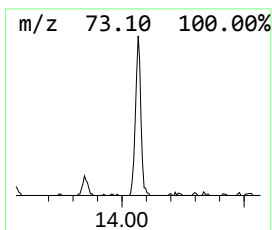
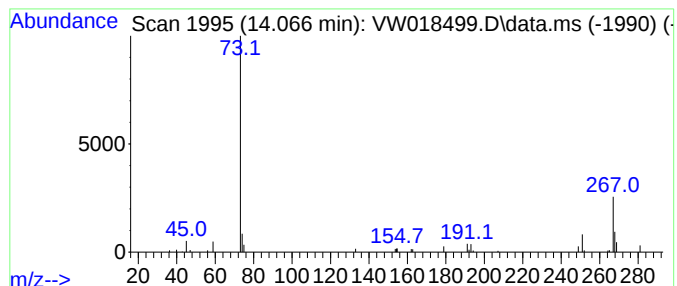
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Peak Number 3 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.066	2.39 ug/L	23786	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzeneethanamine, N-[(pentafluoro...]	475	C21H26F5NO2Si2	055429-85-1	42
2			Benzoic acid, 2-[(trimethylsilyl)oxy]-, trimethylsilyl ester	282	C13H22O3Si2	003789-85-3	40
3			Tetrasiloxane, 1,1,3,3,5,5,7,7-octamethyl-	282	C8H26O3Si4	001000-05-1	39
4			4-Methylcatechol, bis(trimethylsilyl) ether	268	C13H24O2Si2	1000332-79-9	9
5			Benzoic acid, 2-[(trimethylsilyl)oxy]-, trimethylsilyl ester	282	C13H22O3Si2	003789-85-3	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
5-(p-Aminopheny...	12.609	1.4	ug/L	13637	3	13.554	248331	25.0
unknown-01	14.066	2.4	ug/L	23786	3	13.554	248331	25.0