

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050422\
 Data File : VW022815.D
 Acq On : 04 May 2022 21:26
 Operator : SY/VA
 Sample : N2699-02
 Misc : 5.11g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGBQ5

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\SFAMWLM050222SMA.M
 Title : SFAM01.0

Signal : TIC: VW022815.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.349	68	73	80	rBV	111705	180803	15.12%	2.682%
2	2.885	156	161	168	rVB	58410	121302	10.14%	1.800%
3	3.385	238	243	252	rBV	2675	7044	0.59%	0.105%
4	3.654	286	287	289	rBV2	977	987	0.08%	0.015%
5	3.855	318	320	321	rBV2	1707	1114	0.09%	0.017%
6	4.013	336	346	358	rBV2	97163	302741	25.32%	4.492%
7	4.343	398	400	402	rBV3	1378	1026	0.09%	0.015%
8	4.397	402	409	414	rBV2	6999	19125	1.60%	0.284%
9	4.538	429	432	435	rBV5	974	1218	0.10%	0.018%
10	4.800	473	475	477	rVB3	1012	789	0.07%	0.012%
11	4.922	477	495	506	rBV6	24146	96261	8.05%	1.428%
12	5.355	564	566	568	rBV2	907	1081	0.09%	0.016%
13	5.403	573	574	577	rBV3	1126	1005	0.08%	0.015%
14	5.476	584	586	588	rBV3	1009	1112	0.09%	0.016%
15	5.653	613	615	618	rBV3	807	804	0.07%	0.012%
16	5.684	618	620	622	rBV3	872	730	0.06%	0.011%
17	5.861	647	649	652	rBV4	706	828	0.07%	0.012%
18	5.946	656	663	673	rVB5	7844	23858	2.00%	0.354%
19	6.013	673	674	678	rBV3	1222	1157	0.10%	0.017%
20	6.336	725	727	732	rBV4	974	1396	0.12%	0.021%
21	6.446	744	745	748	rVV3	902	667	0.06%	0.010%
22	6.513	754	756	757	rBV2	995	663	0.06%	0.010%
23	6.556	761	763	766	rVB4	1240	946	0.08%	0.014%
24	6.592	766	769	770	rBV3	1177	999	0.08%	0.015%
25	6.751	793	795	797	rBV3	735	692	0.06%	0.010%
26	6.848	809	811	813	rVB3	1184	704	0.06%	0.010%
27	7.001	833	836	839	rBV5	1115	1504	0.13%	0.022%
28	7.074	842	848	854	rBV2	28195	82912	6.93%	1.230%
29	7.653	933	943	954	rBV	152495	373261	31.21%	5.538%
30	7.818	968	970	973	rBV4	671	748	0.06%	0.011%
31	8.092	1012	1015	1017	rBV3	1200	1780	0.15%	0.026%
32	8.275	1032	1045	1064	rBV3	351873	1195867	100.00%	17.742%
33	8.561	1090	1092	1094	rVB3	1252	692	0.06%	0.010%
34	8.702	1107	1115	1116	rBV7	2685	5463	0.46%	0.081%
35	8.842	1126	1138	1150	rBV	291981	589952	49.33%	8.753%
36	9.134	1183	1186	1187	rBV3	661	765	0.06%	0.011%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Title : SFAM01.0

37	9.275	1200	1209	1220	rBV	217036	433164	36.22%	6.426%
38	9.500	1244	1246	1247	rBV2	893	743	0.06%	0.011%
39	9.671	1268	1274	1277	rVB6	1391	2662	0.22%	0.039%
40	9.756	1283	1288	1289	rBV3	1743	2816	0.24%	0.042%
41	9.854	1303	1304	1305	rBV	938	668	0.06%	0.010%
42	9.896	1306	1311	1317	rVB6	5033	10431	0.87%	0.155%
43	9.945	1317	1319	1320	rBV2	1426	1280	0.11%	0.019%
44	10.037	1326	1334	1342	rBV	87736	158639	13.27%	2.354%
45	10.207	1359	1362	1365	rBV4	3223	4928	0.41%	0.073%
46	10.323	1373	1381	1388	rBV	392574	682092	57.04%	10.120%
47	10.384	1388	1391	1403	rVB	30362	55587	4.65%	0.825%
48	10.482	1405	1407	1408	rBV2	1284	849	0.07%	0.013%
49	10.579	1417	1423	1430	rBV	55562	97630	8.16%	1.448%
50	10.701	1437	1443	1449	rBV	33083	60769	5.08%	0.902%
51	10.756	1450	1452	1458	rVB6	4770	8707	0.73%	0.129%
52	10.927	1472	1480	1493	rBV	111944	221693	18.54%	3.289%
53	11.061	1497	1502	1511	rVV2	24730	46508	3.89%	0.690%
54	11.439	1559	1564	1571	rVB2	19248	35425	2.96%	0.526%
55	11.628	1585	1595	1608	rBV	352900	608873	50.91%	9.033%
56	11.829	1619	1628	1633	rBV10	3045	8350	0.70%	0.124%
57	11.920	1641	1643	1646	rBV4	777	966	0.08%	0.014%
58	11.957	1647	1649	1652	rVV4	1748	1907	0.16%	0.028%
59	12.036	1658	1662	1665	rVB5	725	890	0.07%	0.013%
60	12.073	1665	1668	1671	rBV5	977	1642	0.14%	0.024%
61	12.170	1681	1684	1690	rVB6	2300	3973	0.33%	0.059%
62	12.250	1695	1697	1698	rVB2	1385	769	0.06%	0.011%
63	12.268	1698	1700	1703	rVB4	710	711	0.06%	0.011%
64	12.292	1703	1704	1707	rBV3	1214	760	0.06%	0.011%
65	12.323	1707	1709	1710	rBV2	839	645	0.05%	0.010%
66	12.372	1710	1717	1719	rBV6	2388	4915	0.41%	0.073%
67	12.469	1730	1733	1738	rVB5	6125	9165	0.77%	0.136%
68	12.518	1738	1741	1746	rVB4	4655	7498	0.63%	0.111%
69	12.603	1747	1755	1761	rBV	26507	49189	4.11%	0.730%
70	12.689	1763	1769	1781	rVB	175006	320888	26.83%	4.761%
71	12.871	1795	1799	1804	rBV6	5217	7800	0.65%	0.116%
72	12.932	1805	1809	1820	rVB6	4974	13313	1.11%	0.198%
73	13.030	1820	1825	1827	rBV5	2590	3557	0.30%	0.053%
74	13.079	1830	1833	1835	rBV4	1476	1169	0.10%	0.017%
75	13.164	1843	1847	1849	rBV4	3040	4229	0.35%	0.063%
76	13.195	1849	1852	1858	rVB5	8064	14801	1.24%	0.220%

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 Title : SFAM01.0

77	13.402	1878	1886	1890	rBV7	5601	12251	1.02%	0.182%
78	13.493	1897	1901	1905	rVB	24799	38794	3.24%	0.576%
79	13.554	1905	1911	1917	rBV	239090	380891	31.85%	5.651%
80	13.701	1933	1935	1940	rBV5	1334	2518	0.21%	0.037%
81	13.853	1953	1960	1966	rBV	188413	329040	27.51%	4.882%
82	14.066	1991	1995	2003	rVB2	7958	13134	1.10%	0.195%
83	14.237	2021	2023	2025	rBV3	1027	1249	0.10%	0.019%
84	14.396	2047	2049	2052	rBV4	1003	807	0.07%	0.012%
85	14.432	2052	2055	2059	rBV5	2112	3100	0.26%	0.046%
86	14.633	2080	2088	2090	rBV9	2087	4091	0.34%	0.061%
87	14.658	2090	2092	2094	rBV3	852	1070	0.09%	0.016%
88	14.719	2099	2102	2106	rVB6	5349	6706	0.56%	0.099%
89	15.432	2212	2219	2228	rVB2	10573	18998	1.59%	0.282%
90	15.505	2228	2231	2234	rVB5	1698	1913	0.16%	0.028%
91	15.548	2234	2238	2243	rBV7	2426	4369	0.37%	0.065%
92	15.591	2243	2245	2247	rBV3	1112	774	0.06%	0.011%
93	15.676	2258	2259	2262	rBV2	1323	1512	0.13%	0.022%
94	15.761	2270	2273	2275	rBV3	1096	1472	0.12%	0.022%
95	16.298	2359	2361	2364	rBV4	860	1038	0.09%	0.015%
96	16.346	2368	2369	2372	rBV3	1034	1016	0.08%	0.015%
97	16.444	2383	2385	2386	rVB2	1144	727	0.06%	0.011%
98	16.535	2398	2400	2401	rBV	765	746	0.06%	0.011%
99	16.590	2407	2409	2411	rBV3	1077	816	0.07%	0.012%
100	16.688	2422	2425	2426	rBV2	750	669	0.06%	0.010%

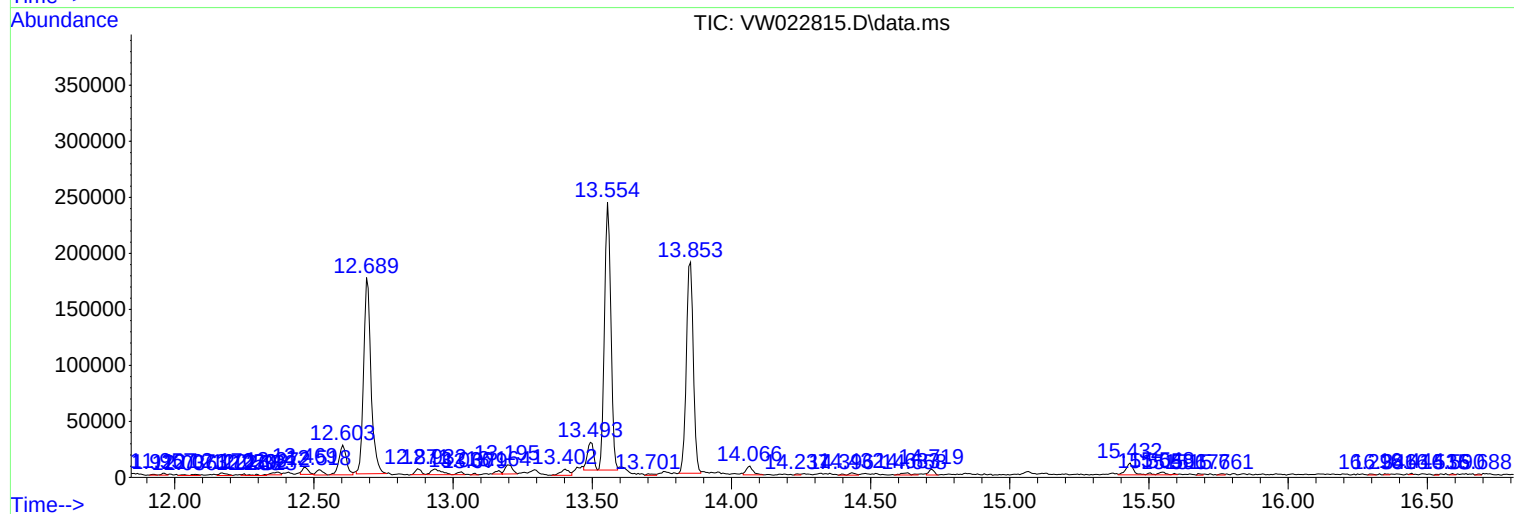
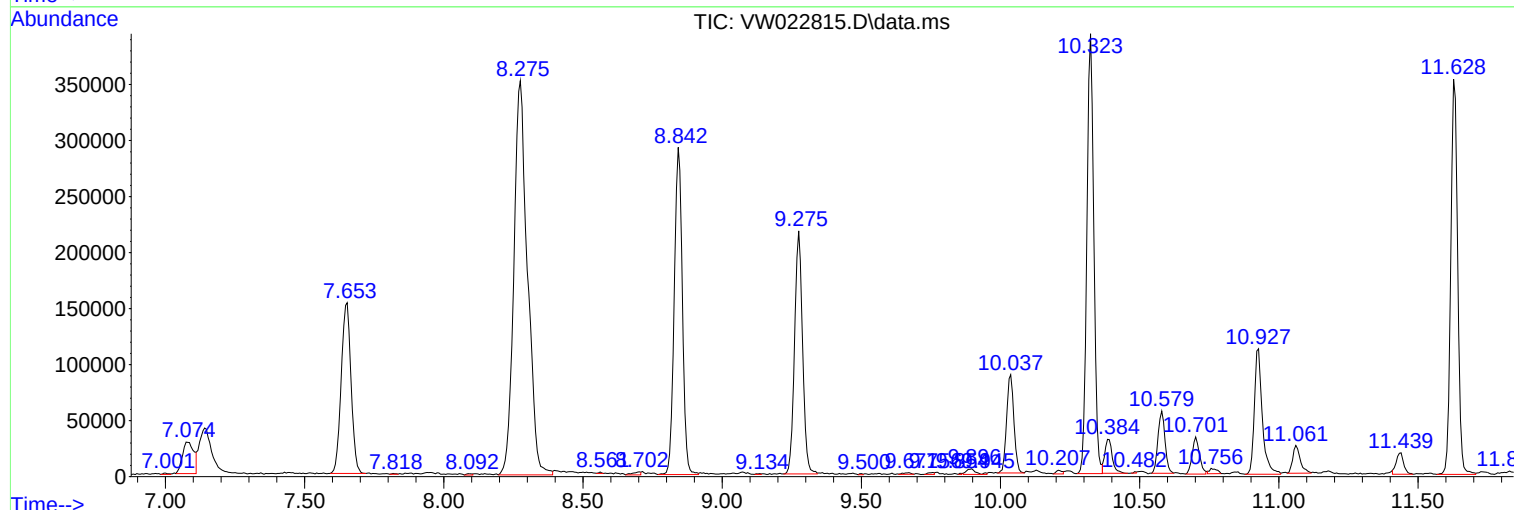
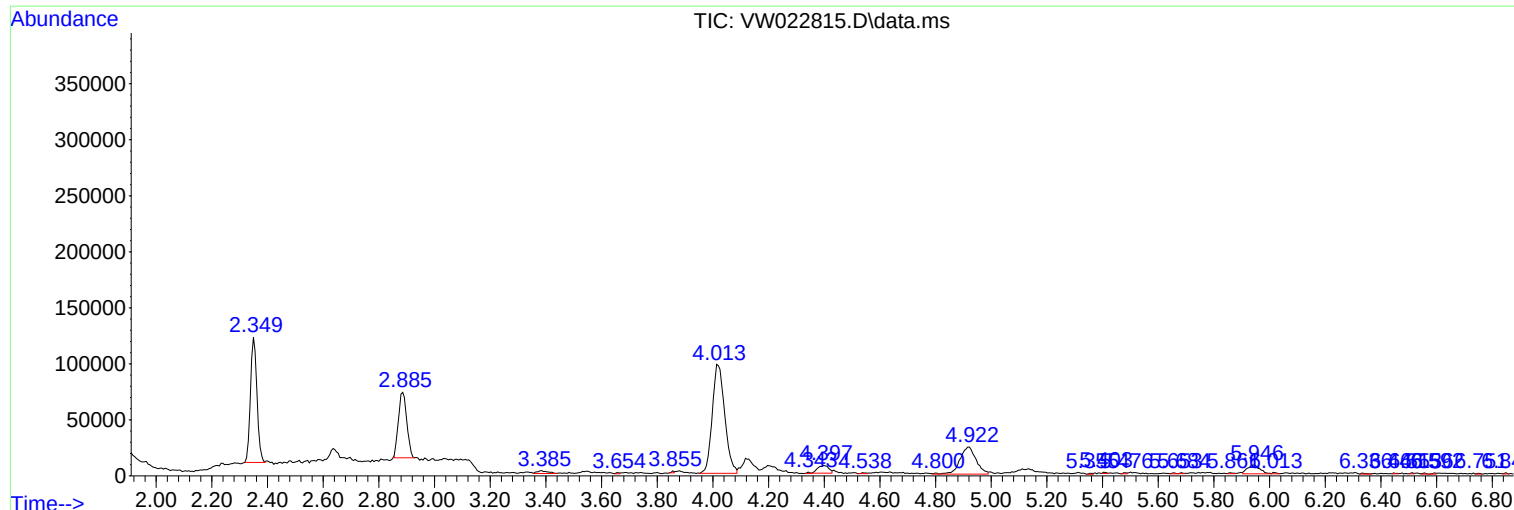
Sum of corrected areas: 6740298

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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



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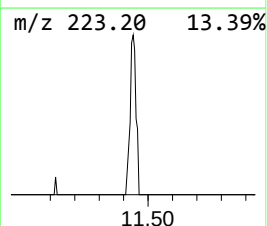
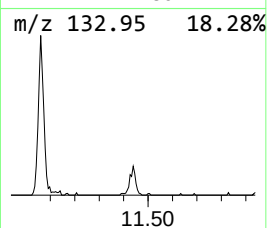
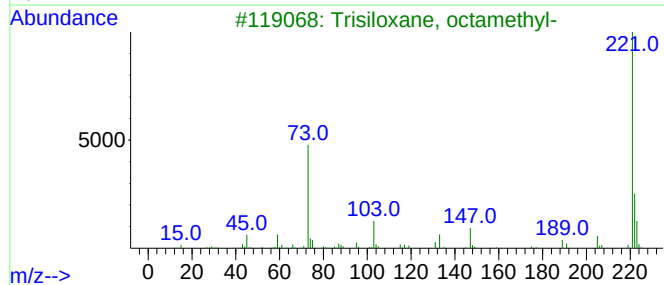
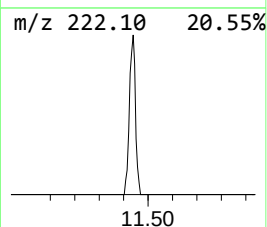
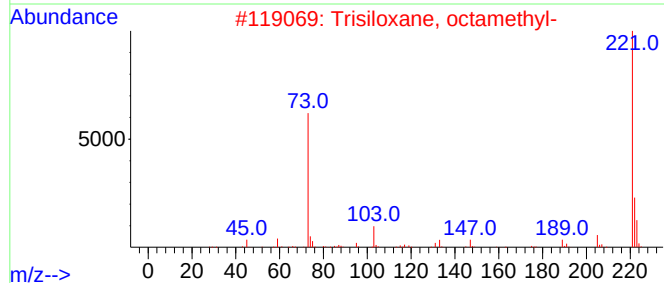
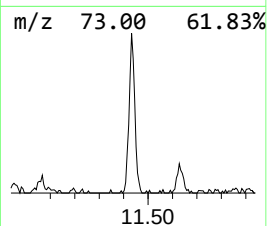
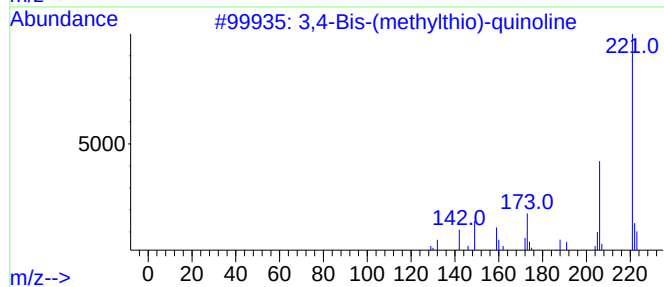
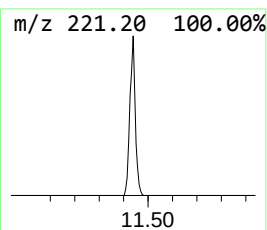
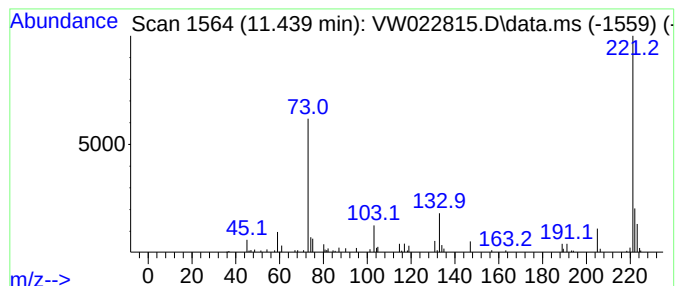
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 3,4-Bis-(methylthio)-quinoline Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.439	1.45 ug/L	35425	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4-Bis-(methylthio)-quinoline	221	C11H11NS2	074579-34-3	78
2			Trisiloxane, octamethyl-	236	C8H24O2Si3	000107-51-7	72
3			Trisiloxane, octamethyl-	236	C8H24O2Si3	000107-51-7	64
4			Trisiloxane, octamethyl-	236	C8H24O2Si3	000107-51-7	58
5			3-Oxobutan-2-yl trimethylsilyl p...	308	C15H20O5Si	1000373-49-5	45



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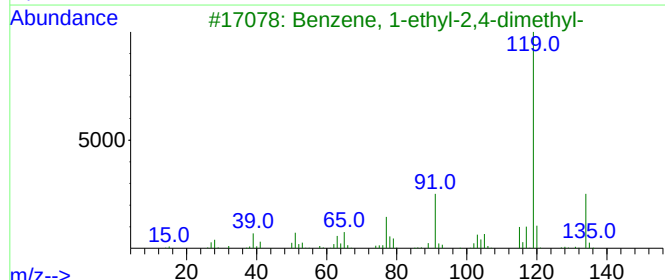
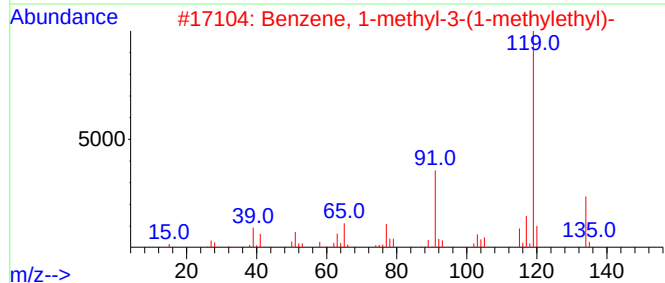
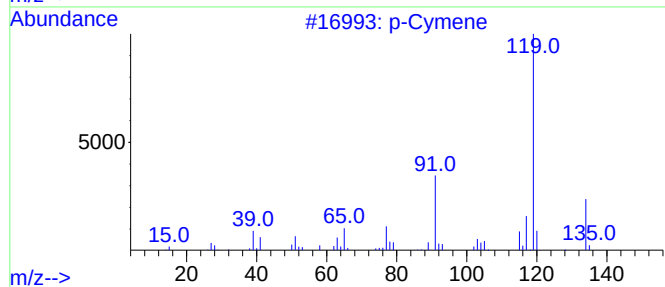
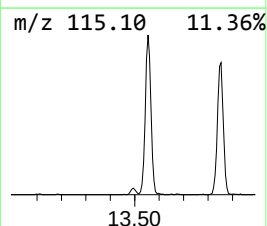
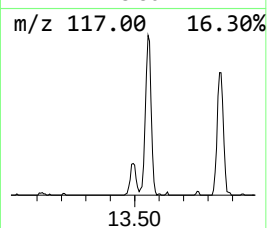
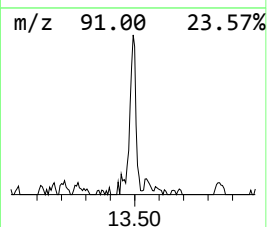
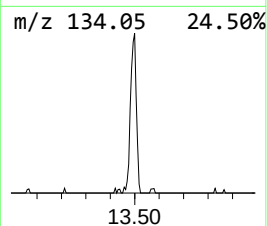
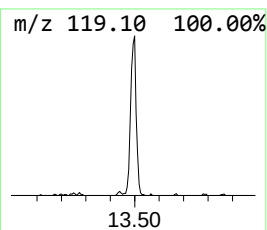
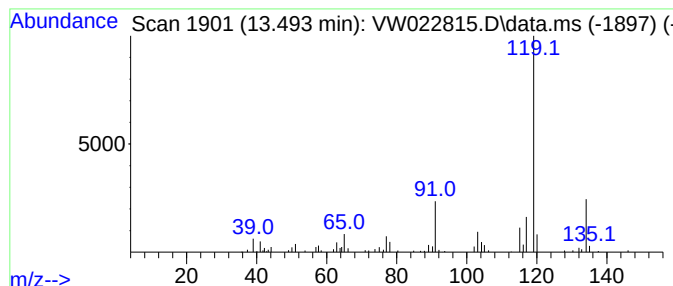
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 p-Cymene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.493	2.55 ug/L	38794	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Cymene	134	C10H14	000099-87-6	91
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	91
3			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
4			p-Cymene	134	C10H14	000099-87-6	90
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3,4-Bis-(methyl...	11.439	1.5	ug/L	35425	2	11.628	608873	25.0
p-Cymene	13.493	2.5	ug/L	38794	3	13.554	380891	25.0