

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
 Data File : VW026879.D
 Acq On : 25 Aug 2023 02:29
 Operator : SY/MD
 Sample : 04157-06
 Misc : 5.04g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCHU2

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\SFAMWLM081023SMA.M
 Title : SFAM01.0

Signal : TIC: VW026879.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.149	40	43	44	rBV3	2225	2178	0.07%	0.008%
2	2.210	50	53	55	rBV4	3605	5641	0.19%	0.021%
3	2.363	71	78	92	rBV	88711	252349	8.54%	0.959%
4	2.600	115	117	119	rBV3	2273	1762	0.06%	0.007%
5	2.814	150	152	154	rBV3	2364	1810	0.06%	0.007%
6	2.893	158	165	178	rVV	97237	272723	9.23%	1.037%
7	3.265	224	226	228	rVB3	1343	920	0.03%	0.003%
8	3.289	228	230	232	rVB3	1060	1144	0.04%	0.004%
9	3.393	245	247	250	rVB3	1010	1040	0.04%	0.004%
10	3.436	250	254	259	rVB7	1475	2825	0.10%	0.011%
11	3.490	259	263	264	rBV3	1166	1538	0.05%	0.006%
12	3.509	264	266	269	rVB3	814	760	0.03%	0.003%
13	3.551	269	273	277	rVB6	1223	1785	0.06%	0.007%
14	3.594	277	280	281	rBV3	1020	904	0.03%	0.003%
15	3.649	287	289	293	rVB4	1101	1328	0.04%	0.005%
16	3.704	296	298	300	rBV3	1699	1652	0.06%	0.006%
17	3.734	300	303	307	rVB6	1099	1108	0.04%	0.004%
18	3.795	311	313	315	rBV3	788	732	0.02%	0.003%
19	3.899	329	330	333	rVB3	1621	1332	0.05%	0.005%
20	3.929	333	335	336	rBV2	1173	1099	0.04%	0.004%
21	4.027	338	351	377	rBV2	217274	825618	27.93%	3.139%
22	4.381	407	409	411	rBV2	1022	1353	0.05%	0.005%
23	4.399	411	412	413	rBV	1739	1041	0.04%	0.004%
24	4.545	435	436	441	rVB5	781	878	0.03%	0.003%
25	4.594	441	444	447	rBV5	857	1284	0.04%	0.005%
26	4.661	453	455	459	rVB5	1262	1516	0.05%	0.006%
27	4.917	483	497	519	rBV3	49856	210480	7.12%	0.800%
28	5.155	534	536	539	rBV4	838	1014	0.03%	0.004%
29	5.197	541	543	547	rVB5	1422	1826	0.06%	0.007%
30	5.240	547	550	555	rVB5	1216	2216	0.07%	0.008%
31	5.289	555	558	561	rBV4	1107	1177	0.04%	0.004%
32	5.344	561	567	569	rVB7	1198	1897	0.06%	0.007%
33	5.368	569	571	572	rVB2	1032	719	0.02%	0.003%
34	5.386	572	574	575	rBV2	877	747	0.03%	0.003%
35	5.423	578	580	583	rBV4	1105	1531	0.05%	0.006%
36	5.466	586	587	589	rVB2	1391	717	0.02%	0.003%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Title : SFAM01.0

37	5.557	598	602	603	rBV3	663	746	0.03%	0.003%
38	5.588	606	607	610	rVB3	954	785	0.03%	0.003%
39	5.636	612	615	617	rBV3	597	711	0.02%	0.003%
40	5.685	621	623	627	rVB4	1011	1290	0.04%	0.005%
41	5.722	627	629	630	rBV2	994	875	0.03%	0.003%
42	5.740	630	632	636	rBV4	772	994	0.03%	0.004%
43	5.807	640	643	645	rBV4	960	1057	0.04%	0.004%
44	5.941	654	665	677	rBV3	13167	42274	1.43%	0.161%
45	6.033	677	680	681	rBV2	1228	949	0.03%	0.004%
46	6.057	681	684	686	rBV3	1111	855	0.03%	0.003%
47	6.216	698	710	724	rBV2	186610	573736	19.41%	2.181%
48	6.331	727	729	733	rVB4	766	1088	0.04%	0.004%
49	6.386	736	738	740	rBV2	725	719	0.02%	0.003%
50	6.496	755	756	759	rBV2	952	911	0.03%	0.003%
51	6.594	770	772	776	rVB3	783	1087	0.04%	0.004%
52	6.630	776	778	782	rVB4	737	1002	0.03%	0.004%
53	6.715	788	792	793	rBV2	911	1077	0.04%	0.004%
54	6.728	793	794	797	rVB3	929	802	0.03%	0.003%
55	6.837	808	812	813	rVB3	1140	1320	0.04%	0.005%
56	6.898	818	822	823	rBV4	1071	1123	0.04%	0.004%
57	6.911	823	824	828	rBV3	937	891	0.03%	0.003%
58	7.081	843	852	857	rBV	91407	257006	8.70%	0.977%
59	7.167	858	866	877	rVB3	73600	287832	9.74%	1.094%
60	7.301	886	888	892	rVB5	701	821	0.03%	0.003%
61	7.520	921	924	925	rBV3	1421	1412	0.05%	0.005%
62	7.648	933	945	959	rBV	509845	1249526	42.28%	4.750%
63	7.825	972	974	975	rBV2	1107	1058	0.04%	0.004%
64	7.862	979	980	981	rVV	1218	783	0.03%	0.003%
65	7.880	981	983	988	rVB6	2616	3669	0.12%	0.014%
66	7.947	991	994	995	rBV3	1730	1566	0.05%	0.006%
67	8.008	1002	1004	1008	rVB5	1261	1283	0.04%	0.005%
68	8.075	1010	1015	1017	rBV6	1465	1731	0.06%	0.007%
69	8.154	1024	1028	1031	rVB5	961	1488	0.05%	0.006%
70	8.276	1035	1048	1064	rBV2	993582	2955577	100.00%	11.237%
71	8.477	1079	1081	1084	rVB4	1593	1553	0.05%	0.006%
72	8.587	1097	1099	1101	rBV3	1032	1116	0.04%	0.004%
73	8.654	1108	1110	1112	rBV3	1356	1008	0.03%	0.004%
74	8.679	1112	1114	1117	rBV4	1420	1697	0.06%	0.006%
75	8.733	1121	1123	1126	rVB4	1922	2068	0.07%	0.008%
76	8.764	1126	1128	1129	rBV2	922	773	0.03%	0.003%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Title : SFAM01.0

77	8.843	1132	1141	1151	rBV	1116838	2257534	76.38%	8.583%
78	8.959	1159	1160	1161	rBV	1686	756	0.03%	0.003%
79	9.093	1173	1182	1188	rBV5	23895	54709	1.85%	0.208%
80	9.209	1199	1201	1203	rBV3	1513	1828	0.06%	0.007%
81	9.276	1203	1212	1222	rVV	685770	1416379	47.92%	5.385%
82	9.514	1249	1251	1252	rBV2	2802	1519	0.05%	0.006%
83	9.666	1271	1276	1282	rBV9	5296	10019	0.34%	0.038%
84	10.032	1329	1336	1348	rBV	355916	659733	22.32%	2.508%
85	10.325	1376	1384	1392	rBV	1358756	2452576	82.98%	9.324%
86	10.581	1420	1426	1433	rBV	219987	385835	13.05%	1.467%
87	10.703	1440	1446	1454	rBV2	36438	76692	2.59%	0.292%
88	10.861	1466	1472	1477	rBV	167383	287295	9.72%	1.092%
89	10.922	1477	1482	1490	rVV	249212	431451	14.60%	1.640%
90	11.062	1501	1505	1511	rVB2	32435	59383	2.01%	0.226%
91	11.629	1591	1598	1607	rBV	1619296	2716027	91.89%	10.326%
92	12.605	1753	1758	1766	rVB2	99326	204010	6.90%	0.776%
93	12.690	1766	1772	1778	rVB	563893	897064	30.35%	3.410%
94	13.287	1861	1870	1880	rBV2	148759	553661	18.73%	2.105%
95	13.556	1908	1914	1925	rVB	1796104	2928656	99.09%	11.134%
96	13.848	1956	1962	1969	rBV	1325573	2290770	77.51%	8.709%
97	15.318	2199	2203	2209	rBV2	96079	158067	5.35%	0.601%
98	15.604	2242	2250	2263	rVB2	199296	648654	21.95%	2.466%
99	15.909	2294	2300	2315	rVB4	162637	658848	22.29%	2.505%
100	16.275	2356	2360	2365	rBV	82060	136722	4.63%	0.520%

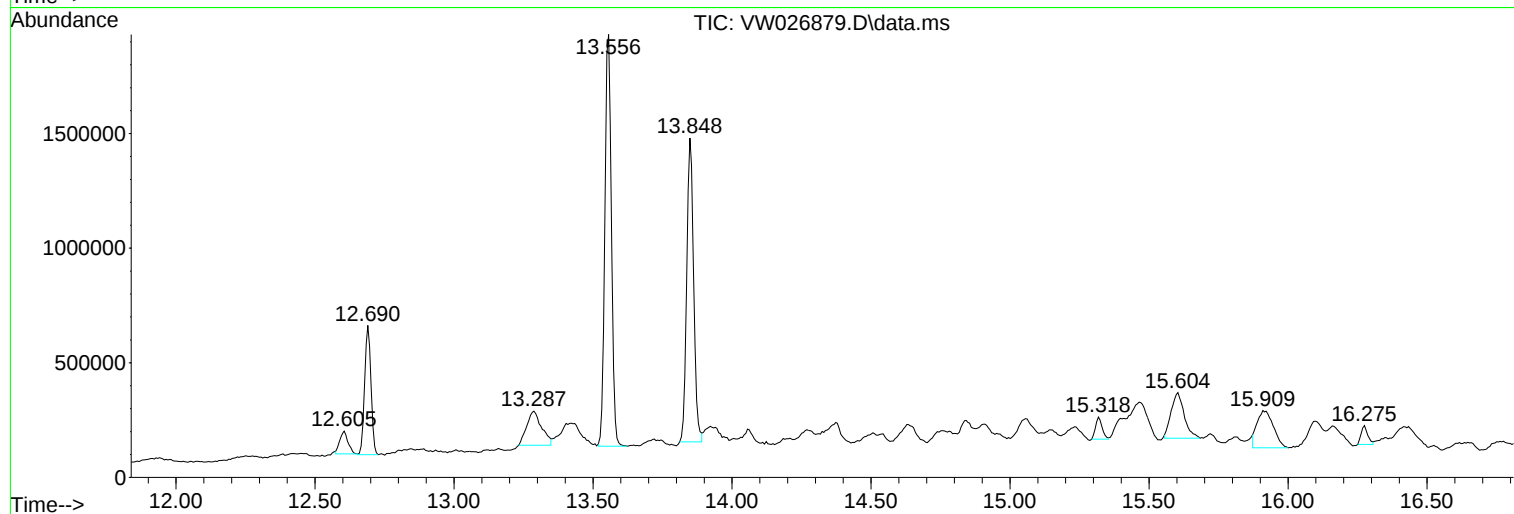
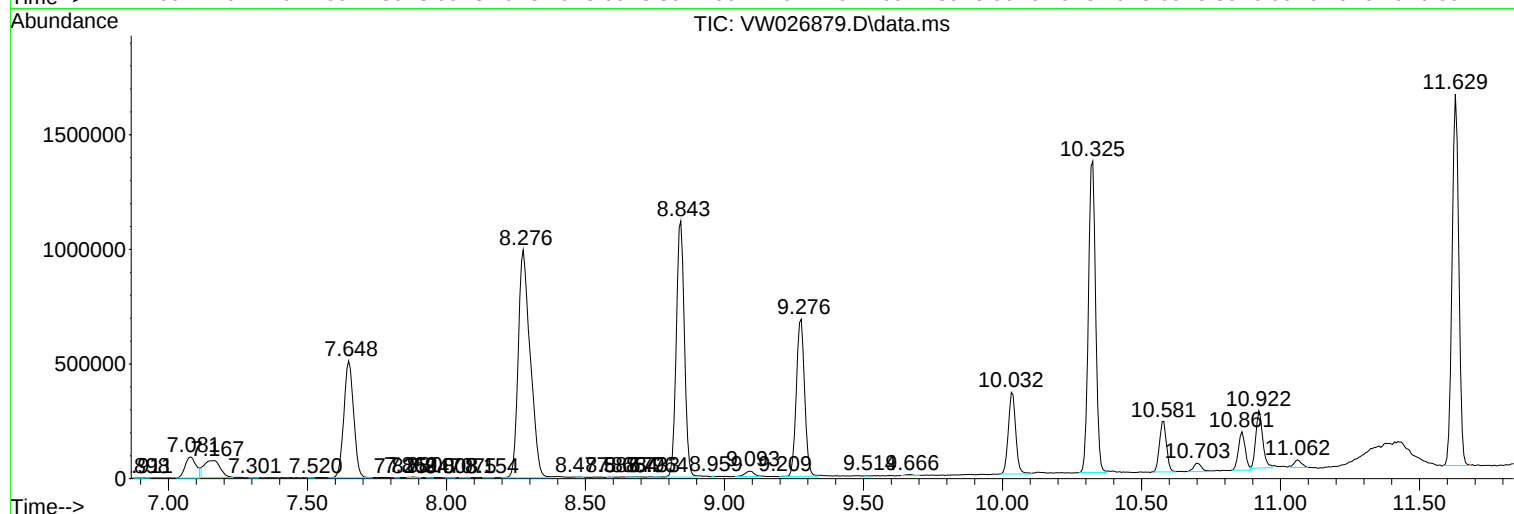
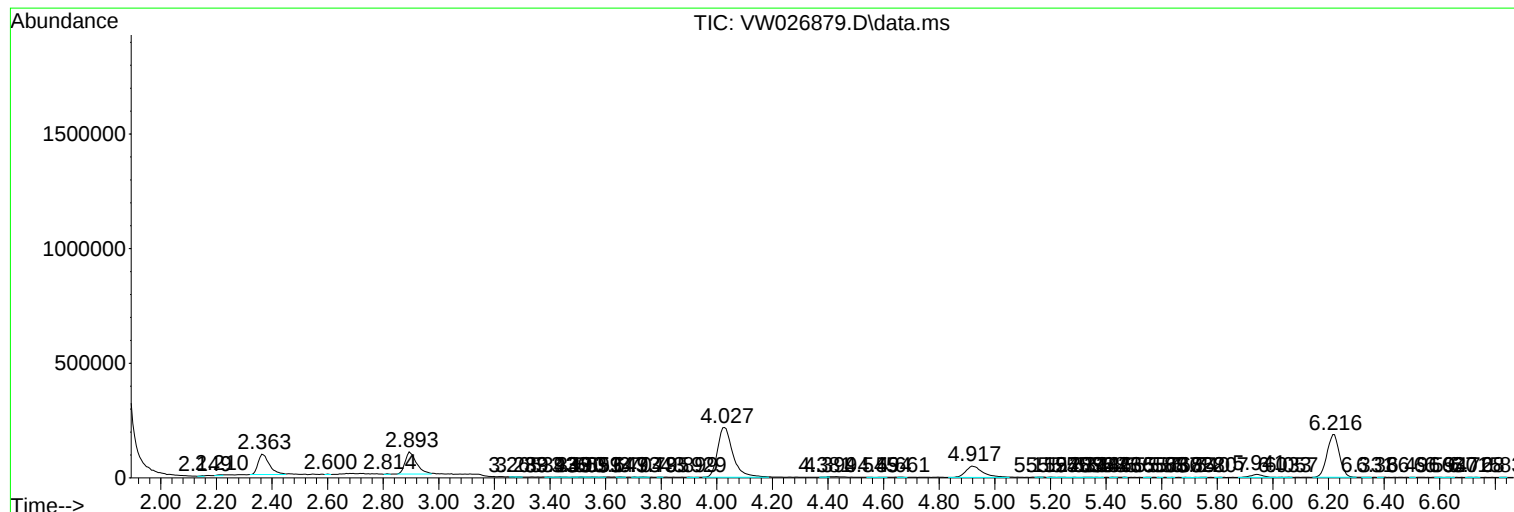
Sum of corrected areas: 26303091

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Instrument :
MSVOA_W
ClientSampleId :
DCHU2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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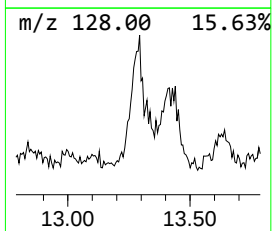
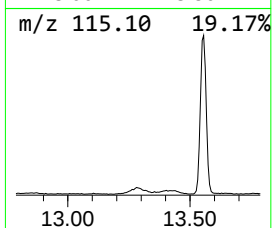
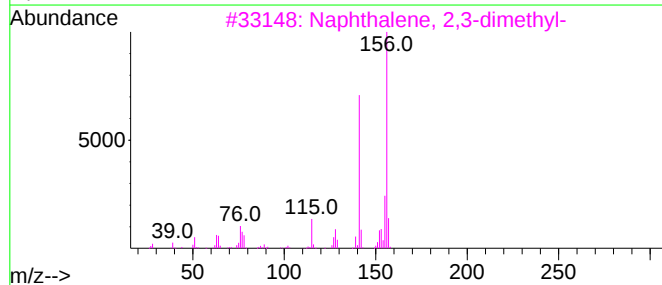
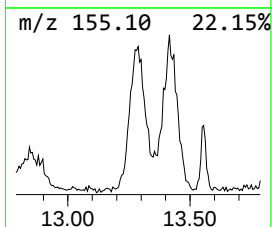
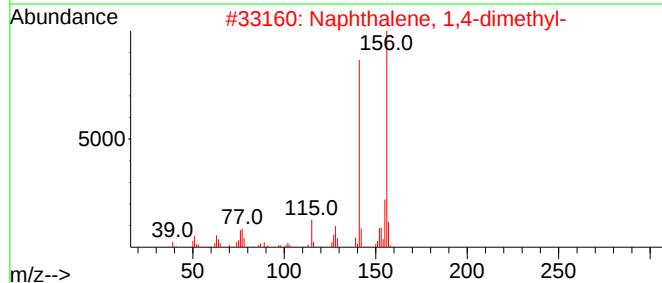
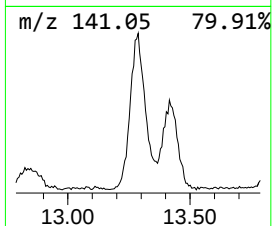
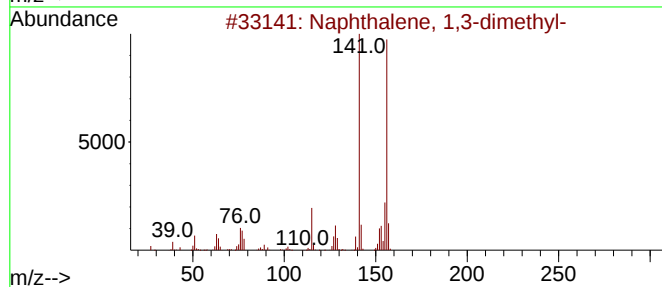
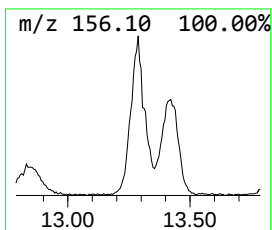
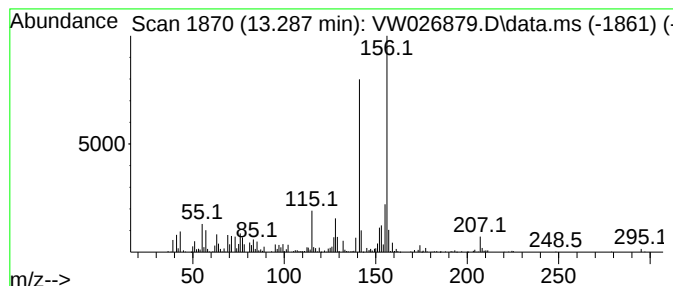
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 Naphthalene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.288	4.73 ug/L	553661	1,4-Dichlorobenzene-d4	13.550

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95



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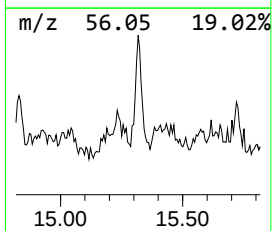
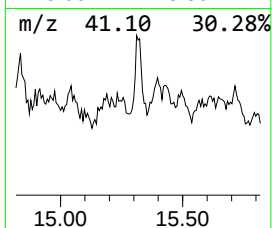
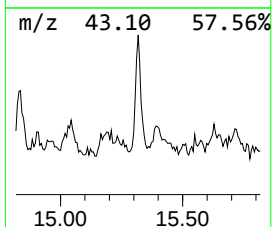
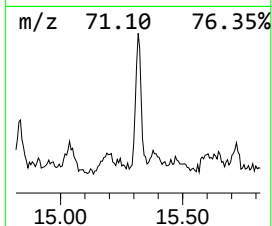
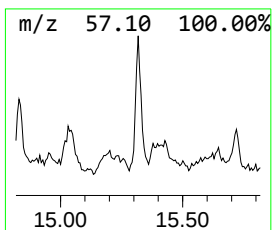
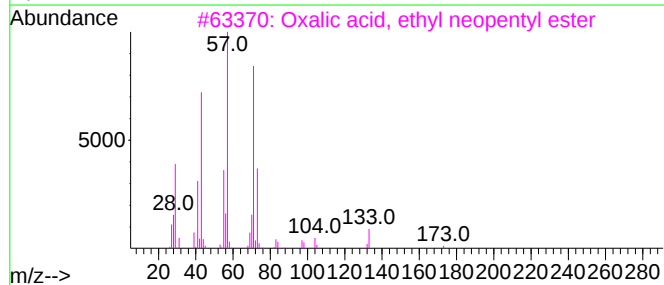
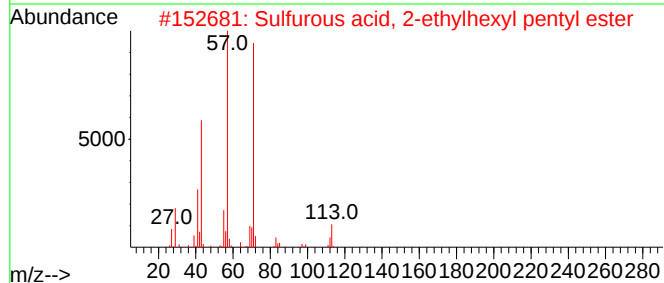
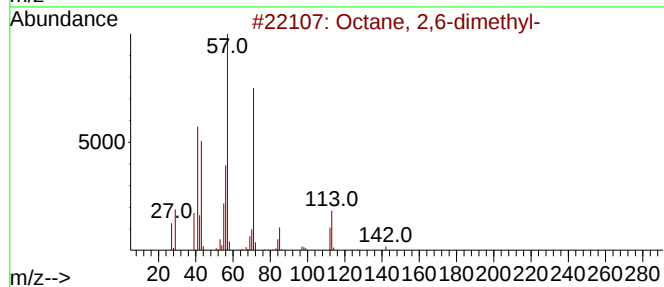
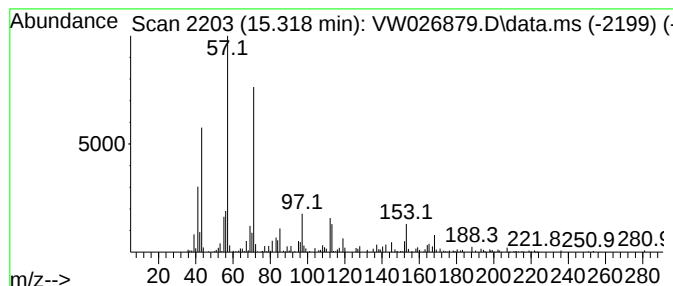
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	1.35 ug/L	158067	1,4-Dichlorobenzene-d4	13.550

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
2			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	59
3			Oxalic acid, ethyl neopentyl ester	188	C9H16O4	1000309-72-4	50
4			Oxalic acid, hexyl neopentyl ester	244	C13H24O4	1000309-73-1	47
5			2-Butene, 1-butoxy-3-methyl-	142	C9H18O	022094-02-6	47



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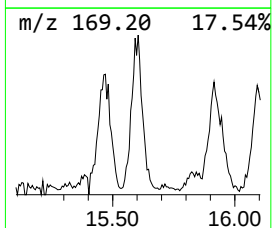
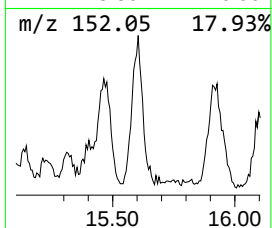
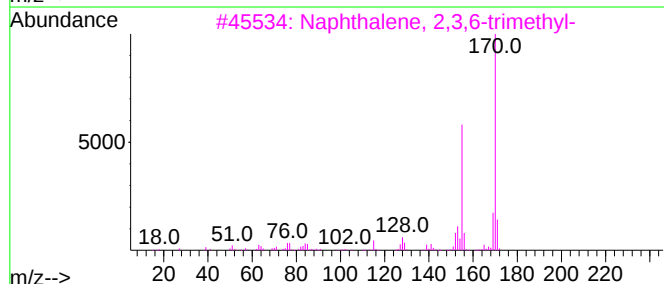
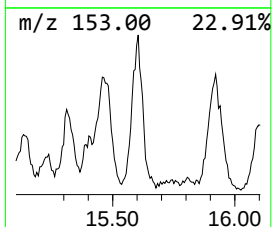
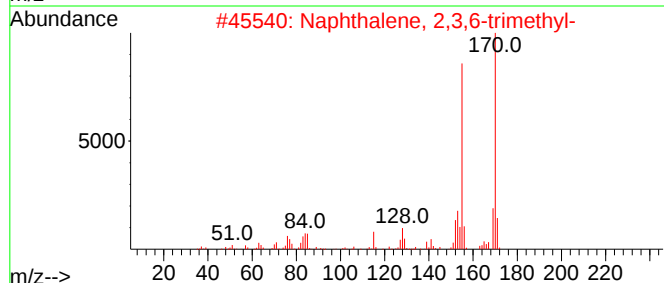
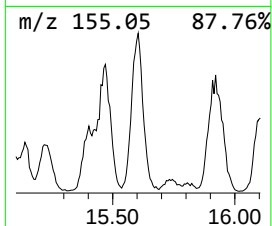
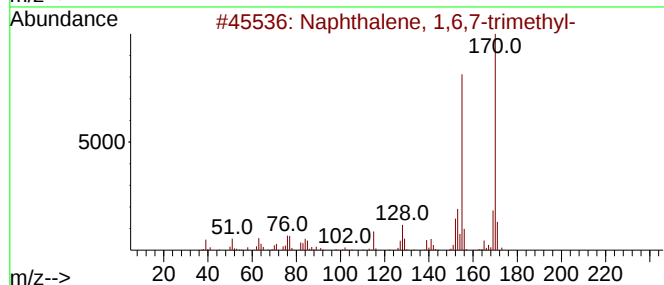
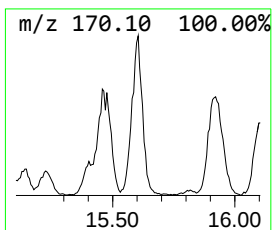
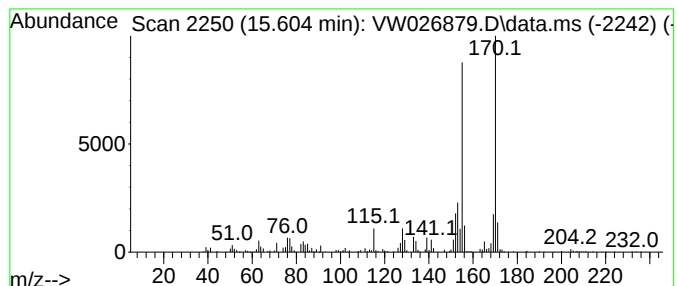
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 Naphthalene, 1,6,7-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.604	5.54 ug/L	648654	1,4-Dichlorobenzene-d4	13.550

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026879.D
Acq On : 25 Aug 2023 02:29
Operator : SY/MD
Sample : 04157-06
Misc : 5.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCHU2

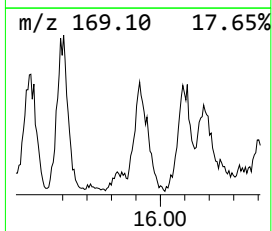
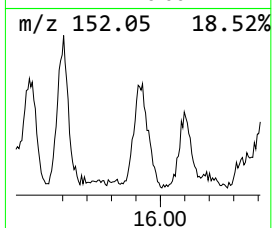
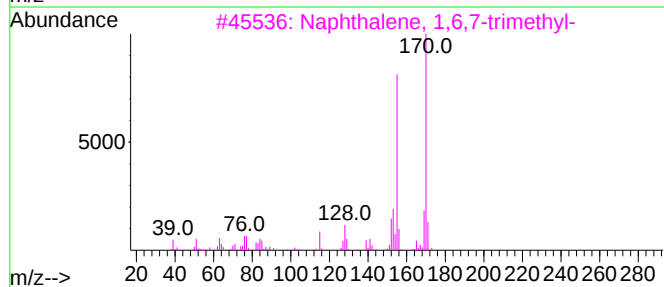
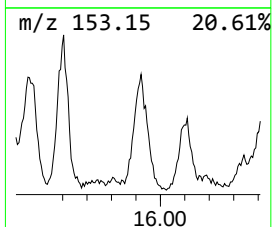
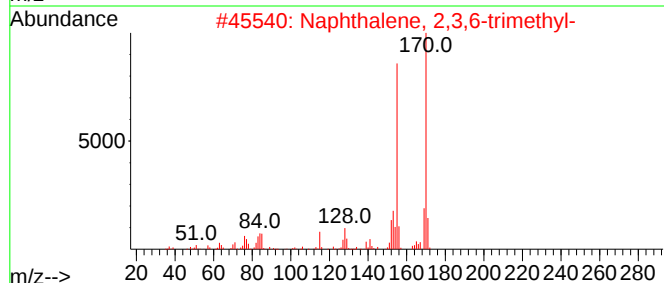
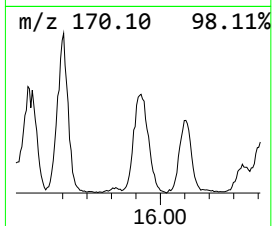
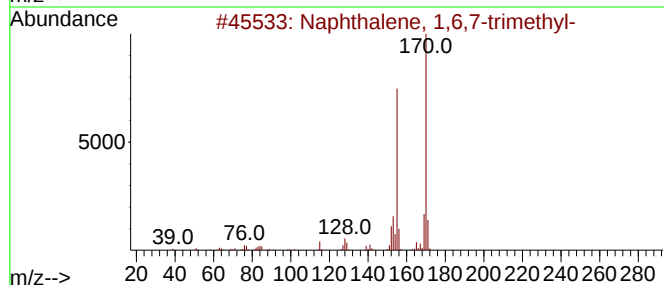
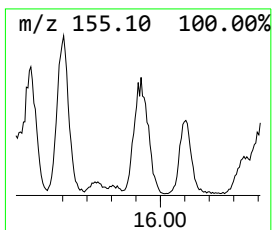
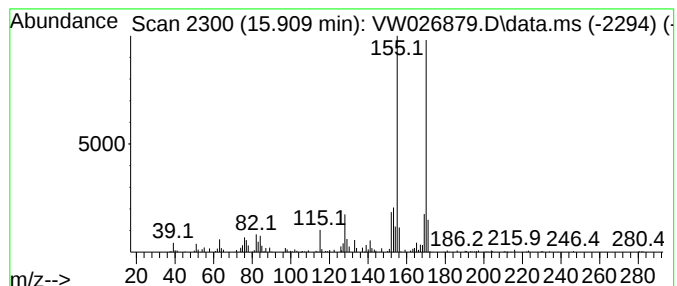
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Quant Title : SFAM01.0

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

Peak Number 6 Naphthalene, 2,3,6-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.909	5.62 ug/L	658848	1,4-Dichlorobenzene-d4	13.550

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026879.D
Acq On : 25 Aug 2023 02:29
Operator : SY/MD
Sample : 04157-06
Misc : 5.04g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCHU2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1,...	13.288	4.7	ug/L	553661	3	13.550	2928660	25.0
(DEL) Alkane: S...	15.318	1.4	ug/L	158067	3	13.550	2928660	25.0
Naphthalene, 1,...	15.604	5.5	ug/L	648654	3	13.550	2928660	25.0
Naphthalene, 2,...	15.909	5.6	ug/L	658848	3	13.550	2928660	25.0