

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091024\
 Data File : VW030127.D
 Acq On : 10 Sep 2024 14:07
 Operator : SY/MD
 Sample : VIBLK523
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK523

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\SFAMWLM082624SMA.M
 Title : SFAM01.0

Signal : TIC: VW030127.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.051	26	27	30	rVB	680	443	0.04%	0.004%
2	2.149	38	43	51	rBV	13954	23822	2.40%	0.198%
3	2.228	51	56	58	rBV5	1815	3059	0.31%	0.025%
4	2.362	71	78	92	rBV	68398	136540	13.76%	1.136%
5	2.545	104	108	109	rBV4	730	871	0.09%	0.007%
6	2.582	112	114	115	rVB2	544	362	0.04%	0.003%
7	2.600	115	117	118	rBV2	785	758	0.08%	0.006%
8	2.795	146	149	150	rBV3	1112	1429	0.14%	0.012%
9	2.820	151	153	154	rVV	982	750	0.08%	0.006%
10	2.905	159	167	181	rVV	38353	108048	10.89%	0.899%
11	3.033	186	188	192	rVB5	1126	1323	0.13%	0.011%
12	3.155	204	208	209	rBV4	963	1289	0.13%	0.011%
13	3.265	222	226	227	rBV3	1016	933	0.09%	0.008%
14	3.301	230	232	233	rVB2	659	363	0.04%	0.003%
15	3.380	244	245	247	rBV2	898	641	0.06%	0.005%
16	3.502	263	265	266	rVB2	640	417	0.04%	0.003%
17	3.795	311	313	314	rVB2	618	316	0.03%	0.003%
18	3.826	314	318	319	rBV4	684	775	0.08%	0.006%
19	3.868	322	325	326	rBV3	667	730	0.07%	0.006%
20	3.917	331	333	334	rVV2	629	471	0.05%	0.004%
21	4.015	338	349	375	rVV	104549	316451	31.90%	2.634%
22	4.307	396	397	401	rVB2	354	286	0.03%	0.002%
23	4.618	436	448	454	rBV2	7673	23406	2.36%	0.195%
24	4.911	487	496	511	rVV2	9289	33252	3.35%	0.277%
25	5.008	511	512	516	rVB2	432	372	0.04%	0.003%
26	5.106	526	528	532	rVB3	292	324	0.03%	0.003%
27	5.801	631	642	644	rBV4	1565	4381	0.44%	0.036%
28	5.935	653	664	674	rBV3	5557	16581	1.67%	0.138%
29	6.215	704	710	714	rBV2	211	385	0.04%	0.003%
30	6.654	781	782	787	rVB	282	290	0.03%	0.002%
31	6.904	815	823	832	rBV4	4063	11718	1.18%	0.098%
32	7.087	843	853	860	rBV2	8226	23791	2.40%	0.198%
33	7.557	927	930	931	rBV	242	276	0.03%	0.002%
34	7.648	933	945	957	rBV	170948	413518	41.68%	3.442%
35	7.752	961	962	966	rVB2	443	406	0.04%	0.003%
36	8.276	1038	1048	1066	rBV2	343469	960759	96.84%	7.997%

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 Title : SFAM01.0

37	8.398	1066	1068	1070	rVB3	433	350	0.04%	0.003%
38	8.575	1094	1097	1099	rVB	271	287	0.03%	0.002%
39	8.623	1103	1105	1108	rVB2	467	476	0.05%	0.004%
40	8.684	1110	1115	1116	rBV2	644	861	0.09%	0.007%
41	8.697	1116	1117	1121	rVB4	683	480	0.05%	0.004%
42	8.843	1132	1141	1157	rBV	358786	713294	71.90%	5.937%
43	8.977	1162	1163	1166	rVB3	760	503	0.05%	0.004%
44	9.032	1166	1172	1174	rBV5	2303	4282	0.43%	0.036%
45	9.081	1175	1180	1188	rVB8	3038	6750	0.68%	0.056%
46	9.142	1188	1190	1194	rVB4	576	813	0.08%	0.007%
47	9.190	1197	1198	1202	rBV3	540	514	0.05%	0.004%
48	9.270	1202	1211	1221	rBV	215641	443353	44.69%	3.690%
49	9.459	1240	1242	1243	rVV2	518	278	0.03%	0.002%
50	9.483	1243	1246	1247	rVB2	628	573	0.06%	0.005%
51	9.520	1249	1252	1253	rBV3	465	319	0.03%	0.003%
52	9.568	1256	1260	1263	rVB5	552	629	0.06%	0.005%
53	9.593	1263	1264	1266	rBV2	489	336	0.03%	0.003%
54	9.642	1266	1272	1273	rBV5	701	854	0.09%	0.007%
55	9.654	1273	1274	1276	rVB2	797	417	0.04%	0.003%
56	9.678	1276	1278	1281	rVB3	612	560	0.06%	0.005%
57	9.751	1286	1290	1295	rBV7	1688	3442	0.35%	0.029%
58	9.824	1301	1302	1304	rBV2	306	302	0.03%	0.003%
59	9.892	1307	1313	1320	rVB6	3902	8685	0.88%	0.072%
60	9.946	1320	1322	1325	rVB4	399	522	0.05%	0.004%
61	9.989	1325	1329	1330	rBV4	609	746	0.08%	0.006%
62	10.032	1330	1336	1346	rBV	89274	162722	16.40%	1.354%
63	10.154	1354	1356	1359	rBV4	609	629	0.06%	0.005%
64	10.202	1360	1364	1366	rBV5	836	1205	0.12%	0.010%
65	10.233	1366	1369	1370	rBV3	955	843	0.08%	0.007%
66	10.318	1375	1383	1392	rBV	491684	886158	89.32%	7.376%
67	10.495	1407	1412	1413	rBV5	1873	2882	0.29%	0.024%
68	10.580	1419	1426	1433	rBV	52571	96447	9.72%	0.803%
69	10.702	1441	1446	1452	rVB3	10933	20631	2.08%	0.172%
70	10.928	1478	1483	1488	rBV4	12037	25183	2.54%	0.210%
71	11.062	1501	1505	1511	rVB8	2956	6366	0.64%	0.053%
72	11.629	1591	1598	1608	rBV	523047	866501	87.34%	7.212%
73	11.855	1629	1635	1637	rBV7	7458	14106	1.42%	0.117%
74	12.239	1683	1698	1701	rBV2	64398	240548	24.25%	2.002%
75	12.604	1752	1758	1762	rBV	113555	202689	20.43%	1.687%
76	12.690	1763	1772	1780	rBV3	220157	722338	72.81%	6.012%

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 Title : SFAM01.0

77	13.190	1842	1854	1865	rBV3	232711	992080	100.00%	8.257%
78	13.342	1871	1879	1892	rVB2	136433	572545	57.71%	4.766%
79	13.555	1907	1914	1923	rVB	496867	812814	81.93%	6.765%
80	13.641	1924	1928	1935	rVB	62815	99954	10.08%	0.832%
81	13.775	1942	1950	1954	rBV5	20406	63327	6.38%	0.527%
82	13.848	1956	1962	1976	rVB3	447432	936597	94.41%	7.796%
83	14.055	1991	1996	2005	rVB2	106945	216026	21.78%	1.798%
84	14.226	2012	2024	2034	rBV2	45441	161737	16.30%	1.346%
85	14.458	2052	2062	2066	rBV9	24373	91959	9.27%	0.765%
86	14.628	2083	2090	2095	rBV7	20512	43352	4.37%	0.361%
87	14.714	2096	2104	2115	rBV7	40264	135649	13.67%	1.129%
88	15.025	2145	2155	2165	rBV3	65862	256112	25.82%	2.132%
89	15.116	2165	2170	2176	rVV3	82543	188711	19.02%	1.571%
90	15.195	2178	2183	2196	rVB4	65989	185646	18.71%	1.545%
91	15.366	2206	2211	2215	rBV6	20243	48711	4.91%	0.405%
92	15.580	2236	2246	2255	rBV3	49005	160797	16.21%	1.338%
93	15.708	2263	2267	2273	rVB5	17963	34361	3.46%	0.286%
94	15.890	2290	2297	2309	rVB4	35678	121805	12.28%	1.014%
95	15.994	2309	2314	2320	rBV2	27743	52304	5.27%	0.435%
96	16.073	2321	2327	2335	rVV4	29499	76268	7.69%	0.635%
97	16.305	2357	2365	2372	rBV7	30277	98087	9.89%	0.816%
98	16.524	2395	2401	2411	rVB5	33776	81902	8.26%	0.682%
99	16.634	2414	2419	2426	rVB3	18305	38715	3.90%	0.322%
100	16.707	2429	2431	2440	rVB9	6585	16468	1.66%	0.137%

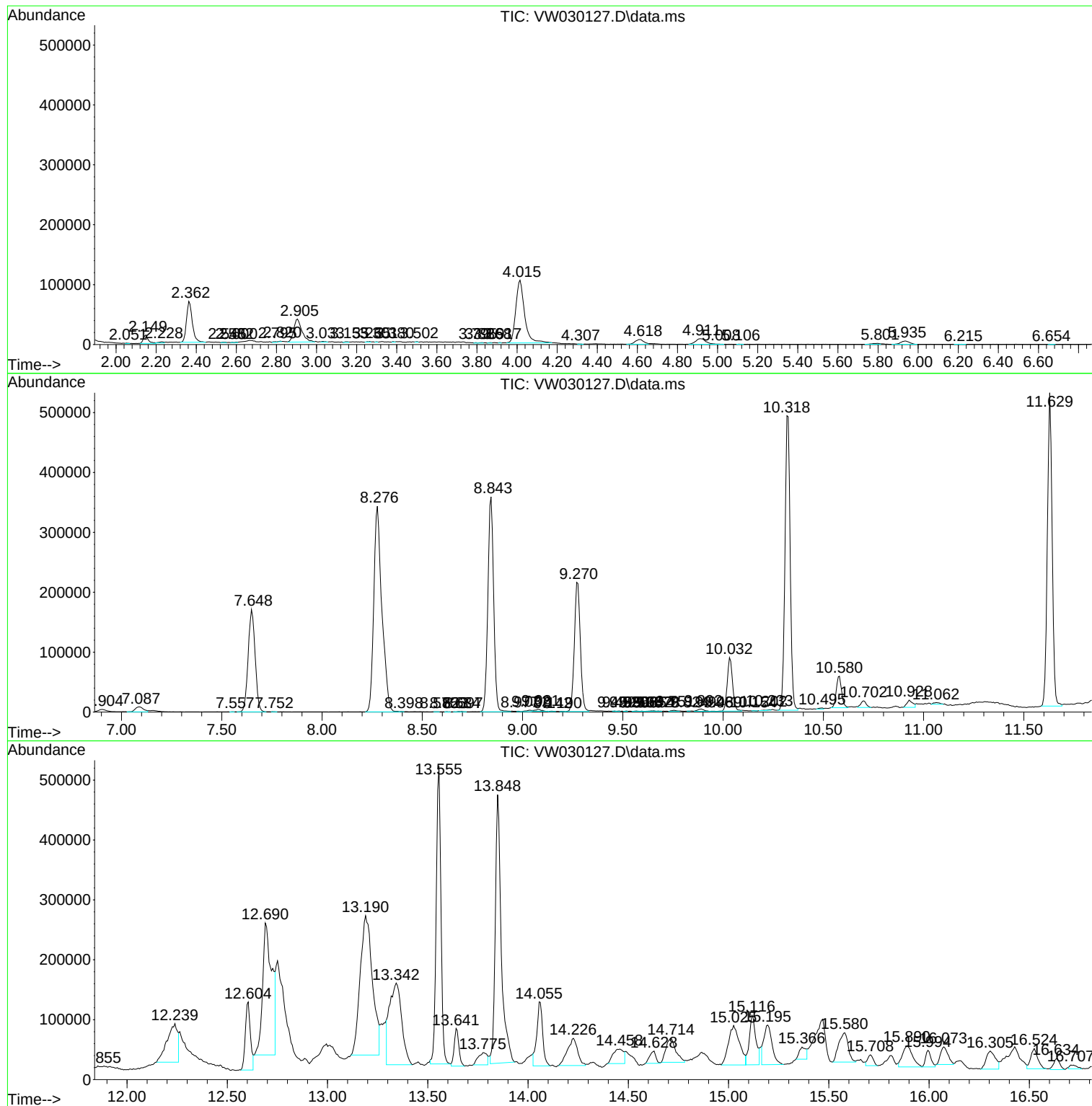
Sum of corrected areas: 12014337

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Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK523

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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



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Instrument :
MSVOA_W
ClientSampleId :
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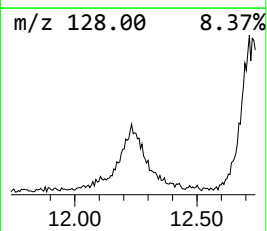
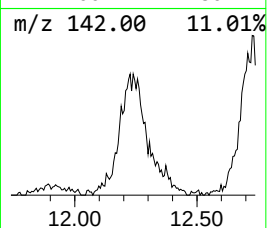
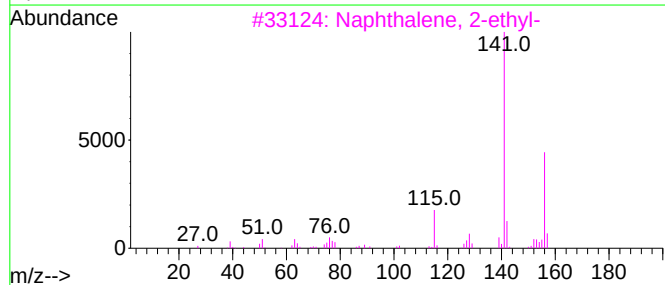
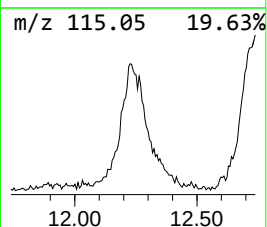
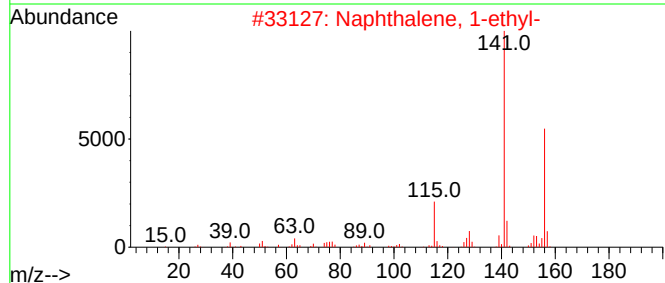
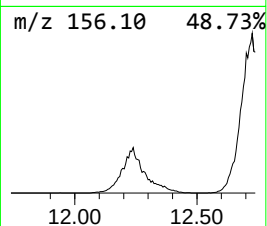
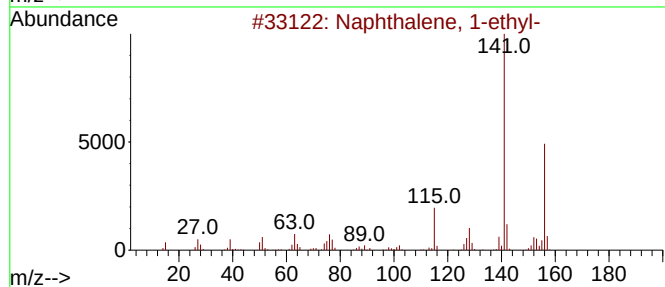
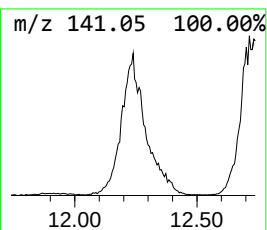
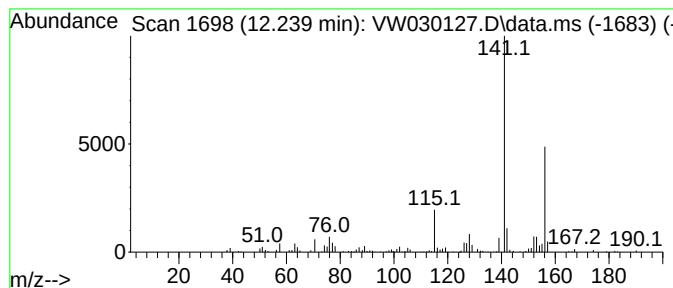
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Naphthalene, 1-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.239	6.94 ug/L	240548	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
4			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
5			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93



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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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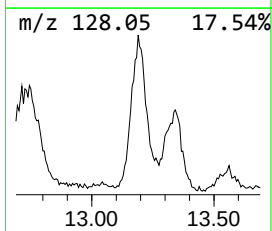
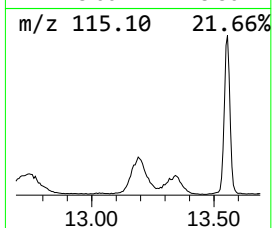
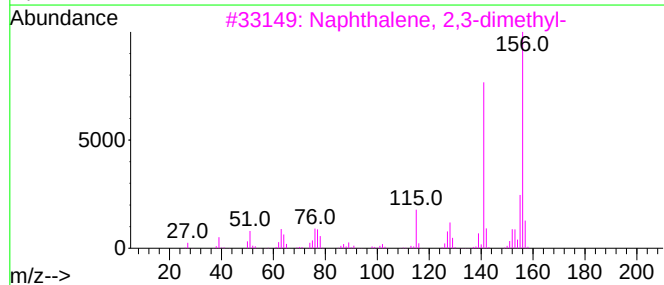
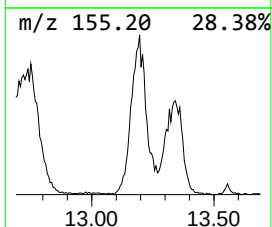
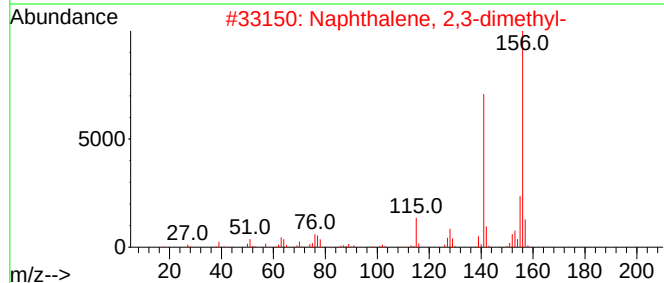
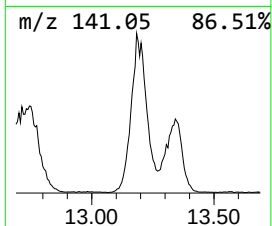
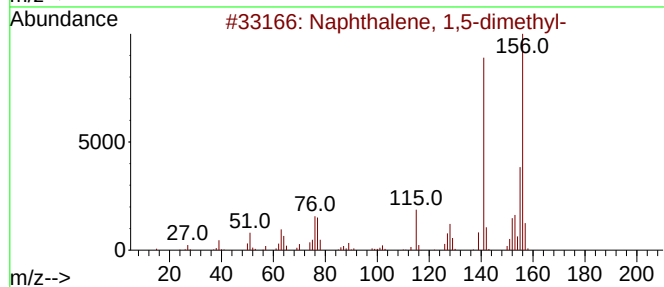
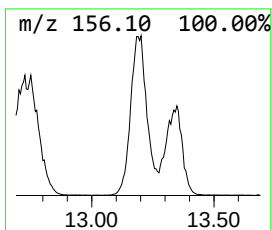
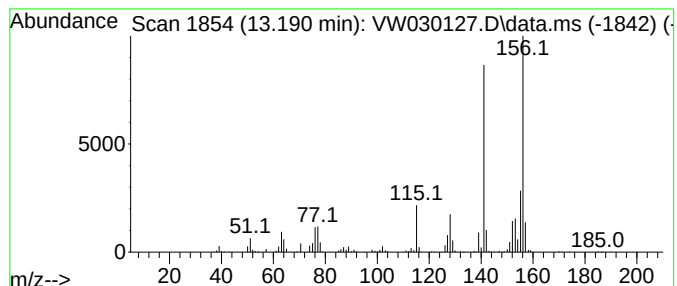
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Naphthalene, 1,5-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.190	30.51 ug/L	992080	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



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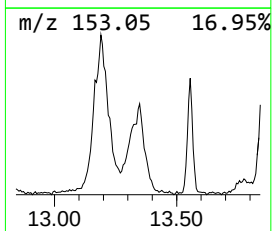
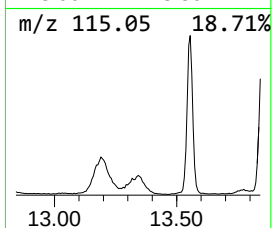
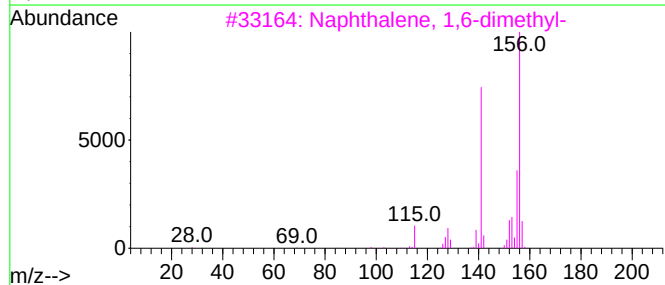
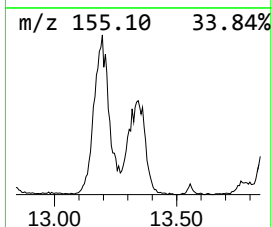
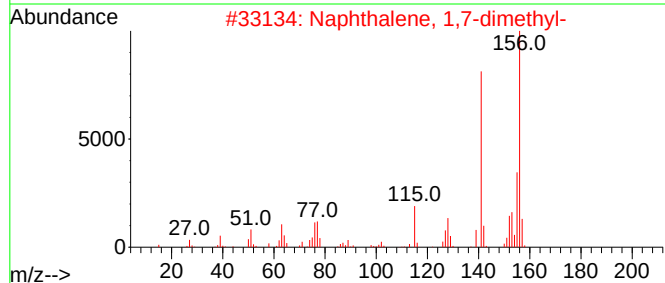
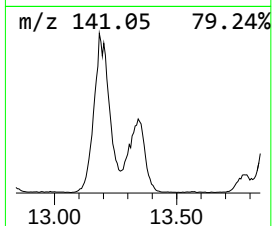
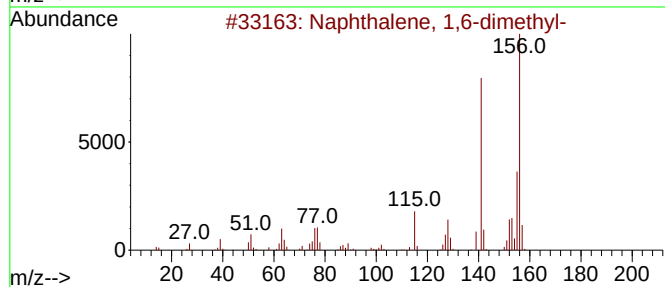
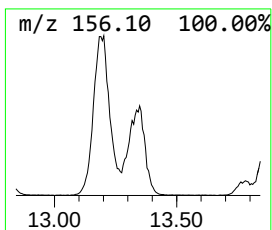
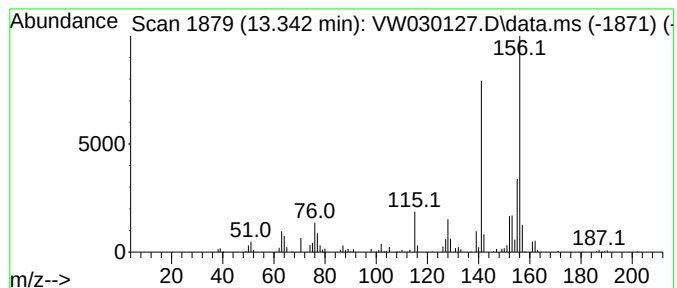
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.342	17.61 ug/L	572545	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091024\
Data File : VW030127.D
Acq On : 10 Sep 2024 14:07
Operator : SY/MD
Sample : VIBLK523
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK523

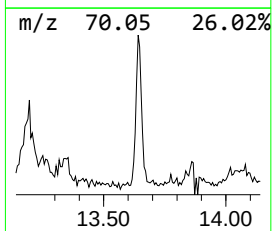
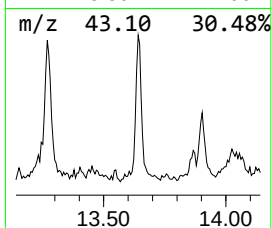
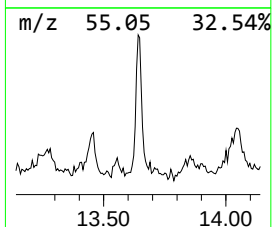
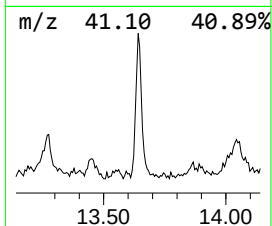
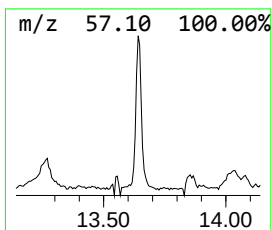
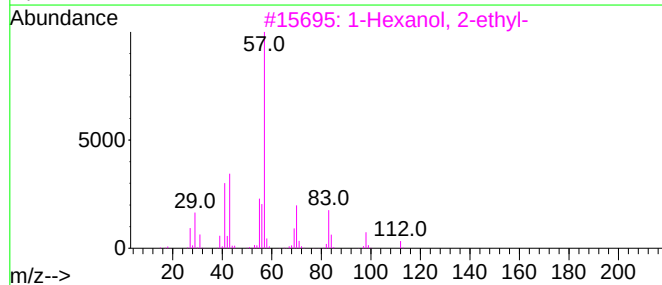
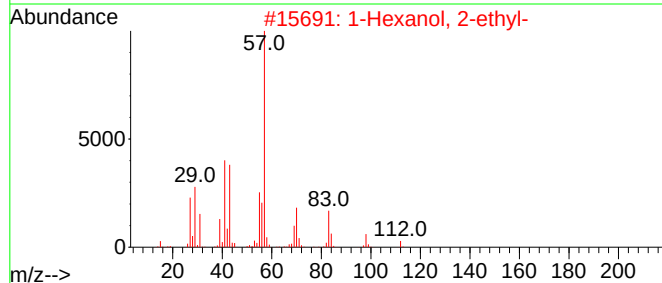
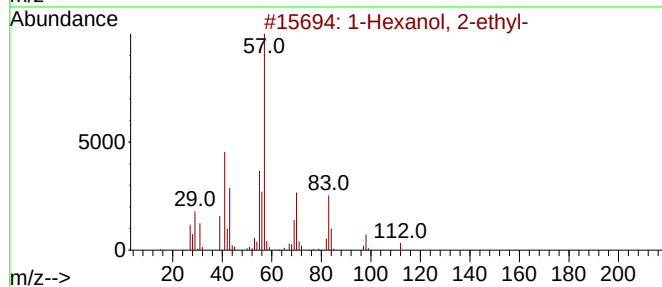
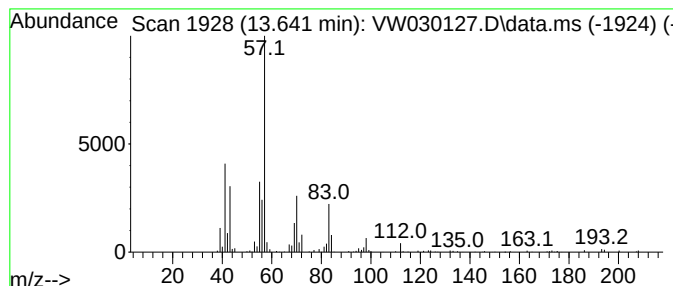
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Quant Title : SFAM01.0

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

Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.641	3.07 ug/L	99954	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	72
5	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091024\
Data File : VW030127.D
Acq On : 10 Sep 2024 14:07
Operator : SY/MD
Sample : VIBLK523
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK523

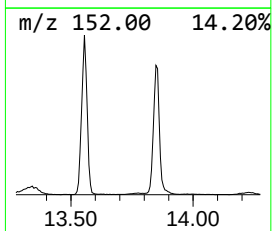
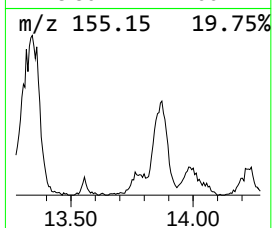
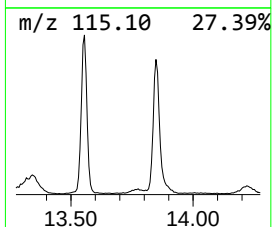
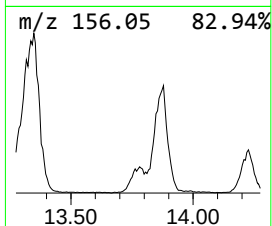
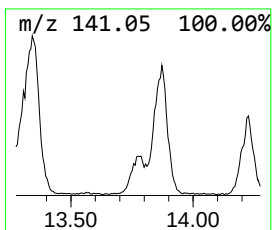
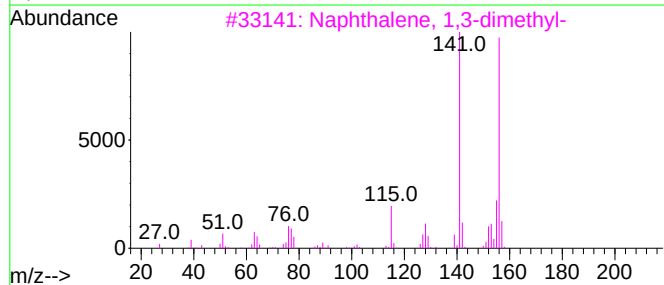
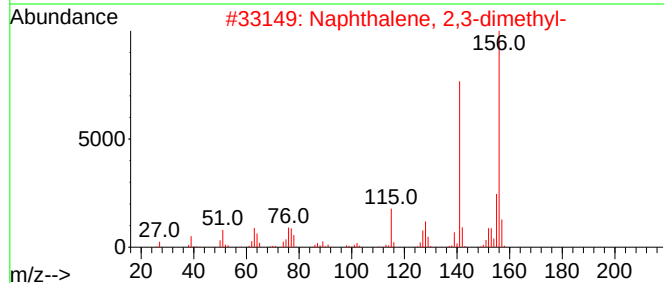
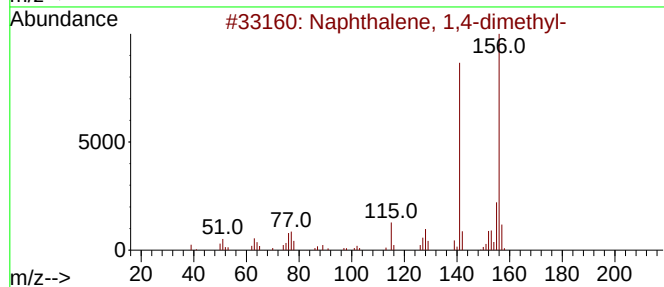
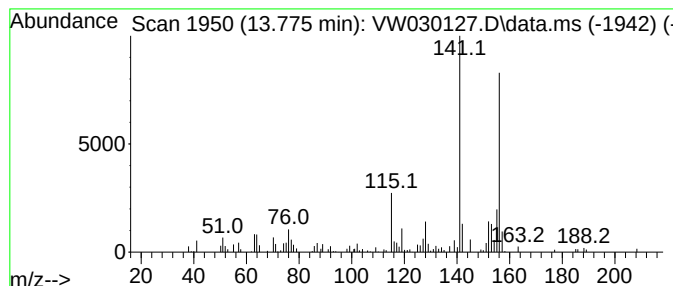
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Quant Title : SFAM01.0

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

Peak Number 7 Naphthalene, 1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.775	1.95 ug/L	63327	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091024\
Data File : VW030127.D
Acq On : 10 Sep 2024 14:07
Operator : SY/MD
Sample : VIBLK523
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK523

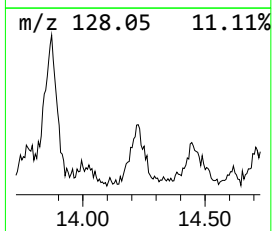
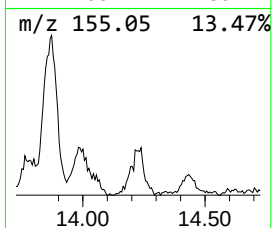
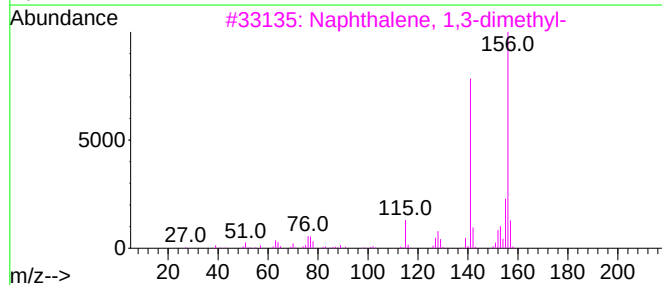
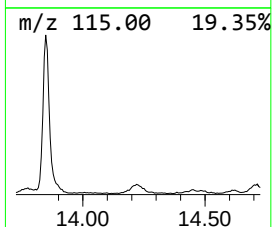
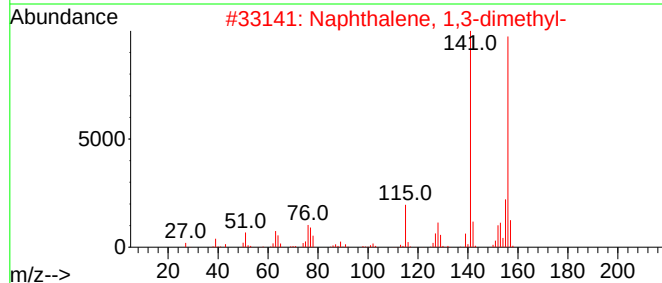
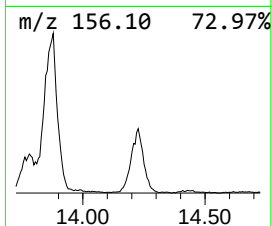
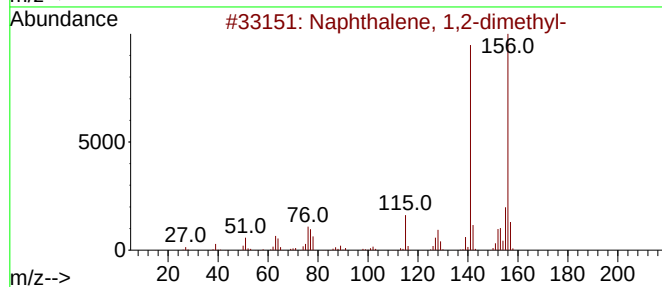
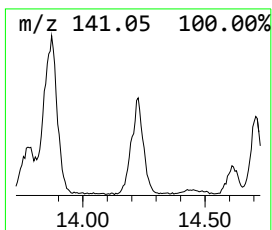
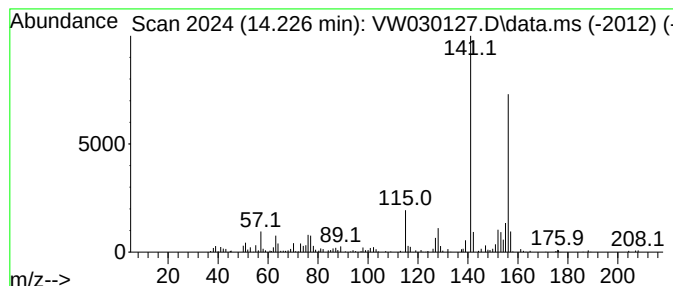
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Quant Title : SFAM01.0

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

Peak Number 9 Naphthalene, 1,2-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.226	4.97 ug/L	161737	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091024\
Data File : VW030127.D
Acq On : 10 Sep 2024 14:07
Operator : SY/MD
Sample : VIBLK523
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK523

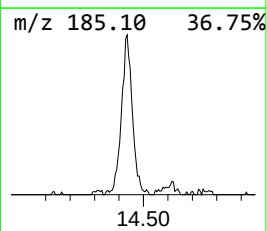
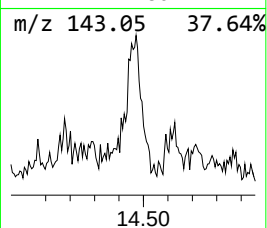
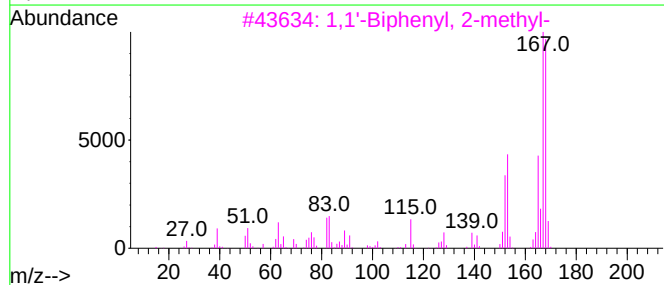
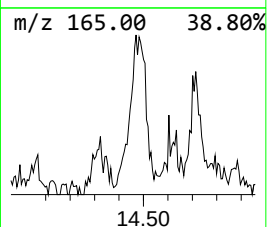
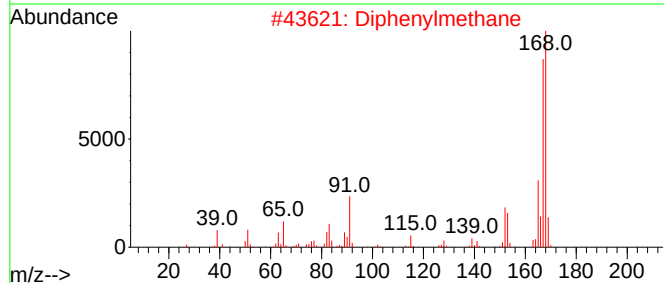
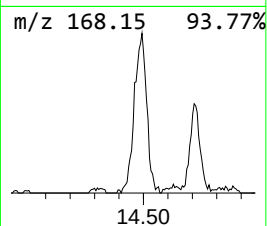
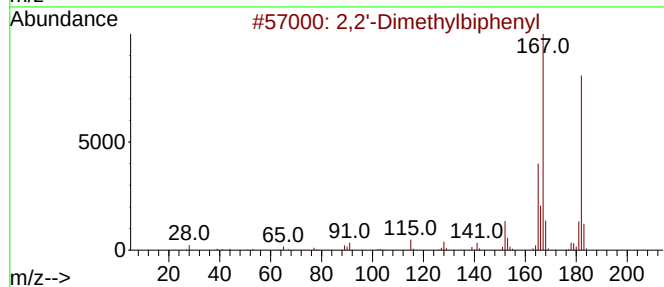
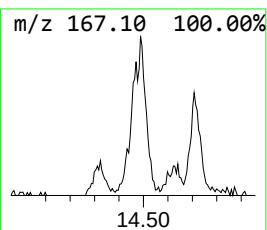
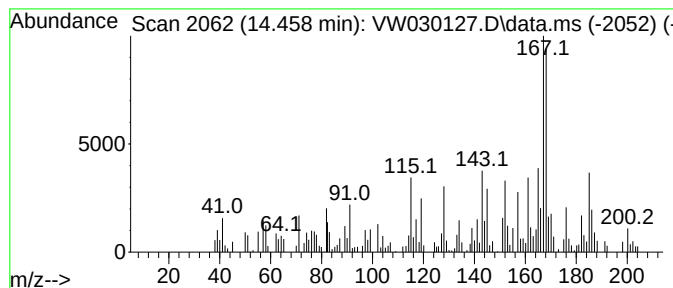
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Quant Title : SFAM01.0

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

Peak Number 10 2,2'-Dimethylbiphenyl Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.458	2.83 ug/L	91959	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	86
2		Diphenylmethane	168	C13H12	000101-81-5	55
3		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	55
4		Diphenylmethane	168	C13H12	000101-81-5	49
5		Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091024\
Data File : VW030127.D
Acq On : 10 Sep 2024 14:07
Operator : SY/MD
Sample : VIBLK523
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK523

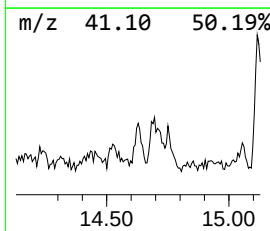
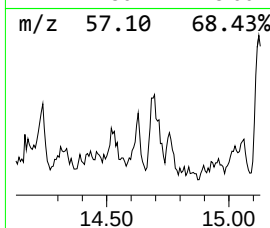
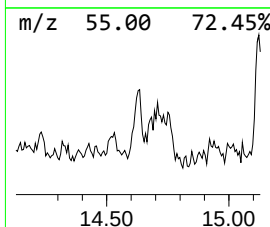
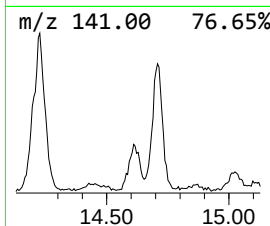
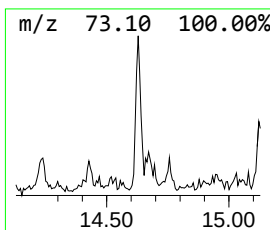
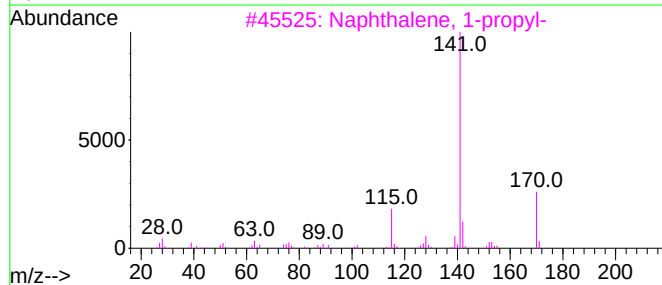
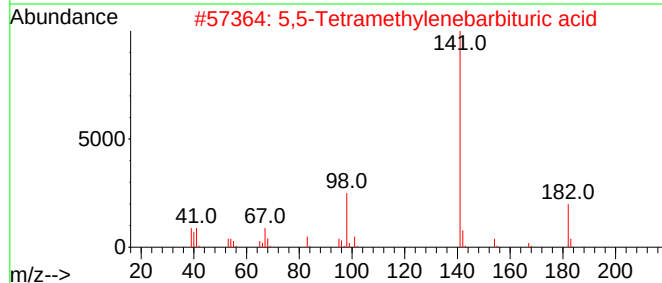
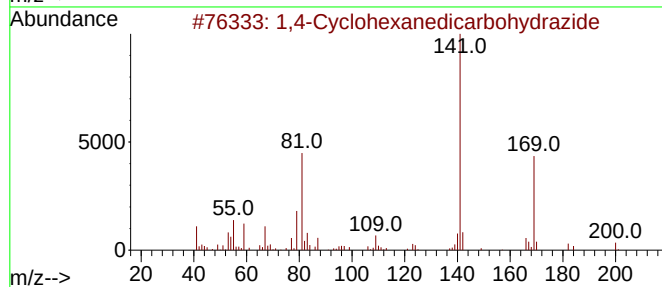
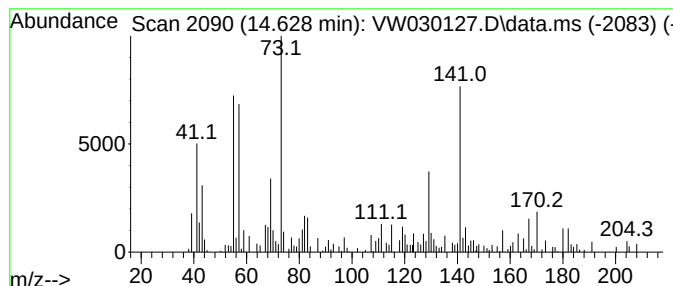
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Quant Title : SFAM01.0

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

Peak Number 11 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.629	1.33 ug/L	43352	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,4-Cyclohexanedicarbohydrazide	200	C8H16N4O2	1010212-83-8	38
2		5,5-Tetramethylenebarbituric acid	182	C8H10N2O3	1000306-49-5	38
3		Naphthalene, 1-propyl-	170	C13H14	002765-18-6	38
4		trans-1,4-Cyclohexanedicarbohydr...	200	C8H16N4O2	025655-25-8	35
5		Glutaric acid, naphth-2-ylmethyl...	386	C23H30O5	1000393-53-4	32



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091024\
Data File : VW030127.D
Acq On : 10 Sep 2024 14:07
Operator : SY/MD
Sample : VIBLK523
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK523

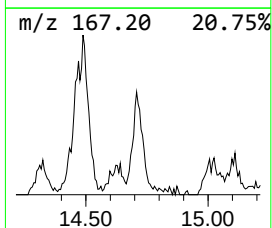
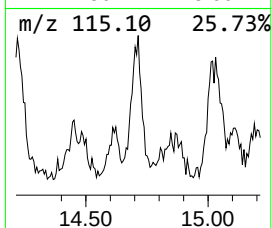
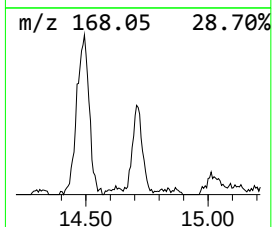
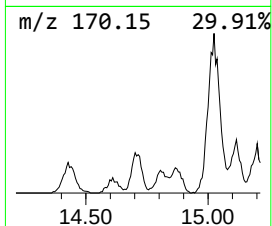
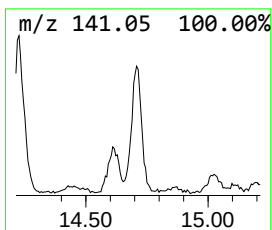
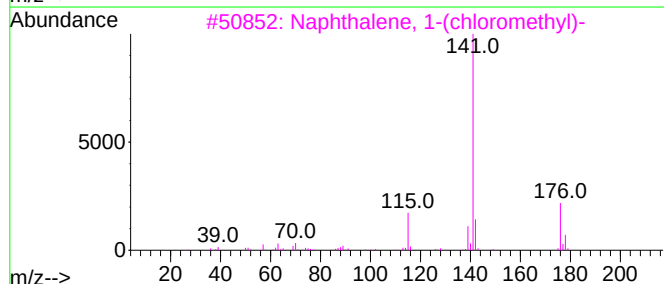
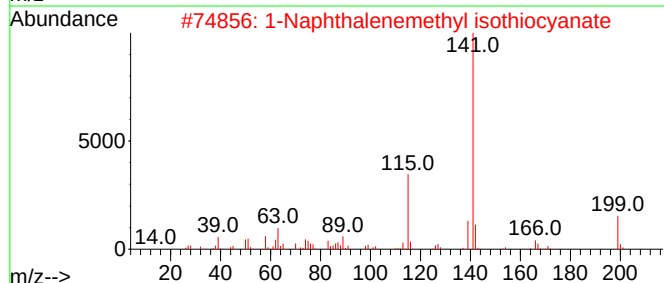
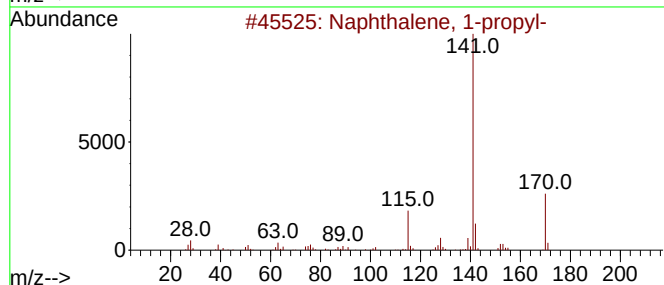
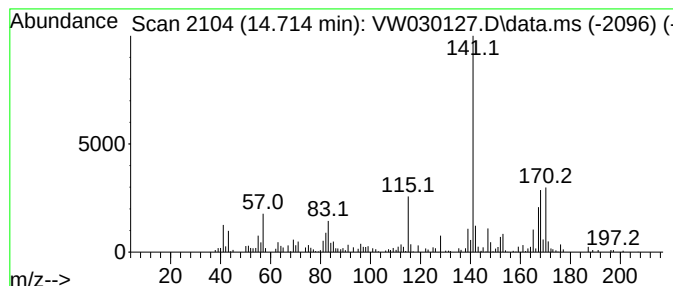
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Quant Title : SFAM01.0

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

Peak Number 12 Naphthalene, 1-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.714	4.17 ug/L	135649	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1-propyl-	170	C13H14	002765-18-6	52
2		1-Naphthalenemethyl isothiocyanate	199	C12H9NS	017112-82-2	47
3		Naphthalene, 1-(chloromethyl)-	176	C11H9Cl	000086-52-2	47
4		1-Naphthaleneacetic acid, methyl...	200	C13H12O2	002876-78-0	43
5		1-Naphthaleneacetic acid	186	C12H10O2	000086-87-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091024\
Data File : VW030127.D
Acq On : 10 Sep 2024 14:07
Operator : SY/MD
Sample : VIBLK523
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK523

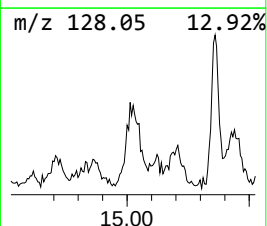
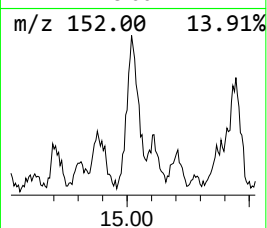
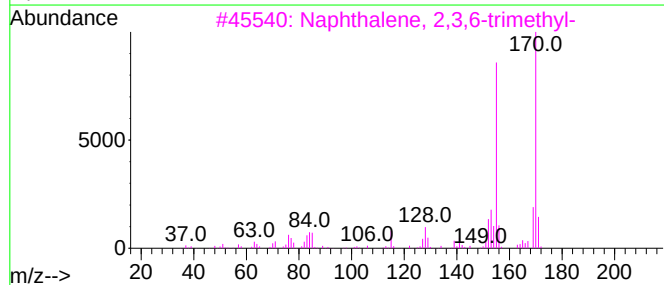
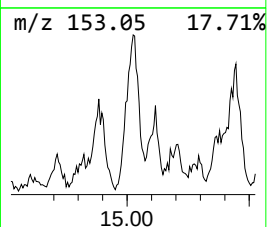
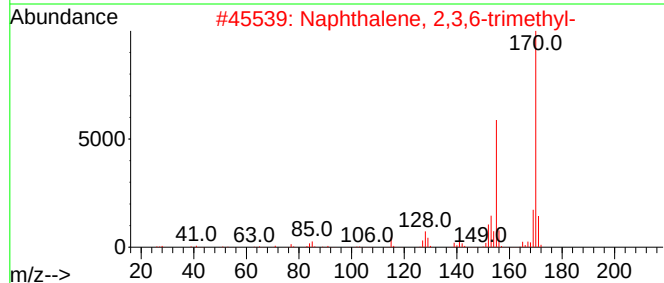
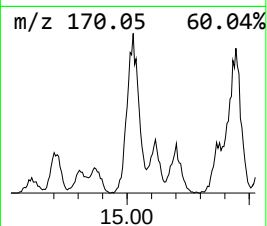
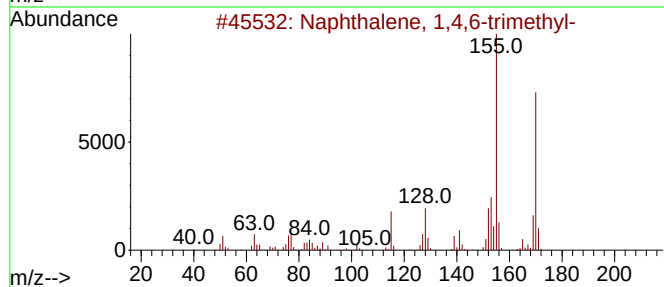
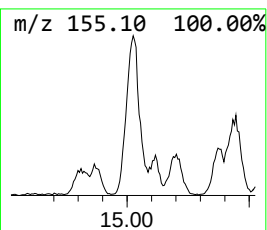
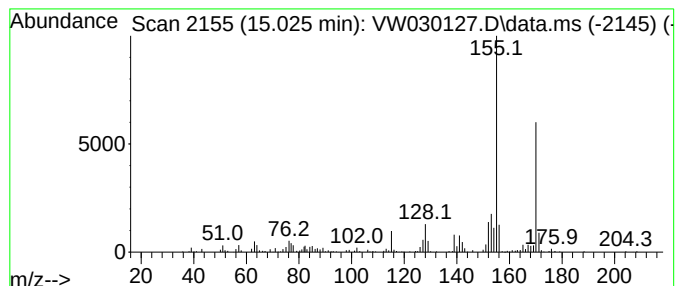
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Quant Title : SFAM01.0

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

Peak Number 13 Naphthalene, 1-(1-methyleth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.025	7.88 ug/L	256112	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5			Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091024\
Data File : VW030127.D
Acq On : 10 Sep 2024 14:07
Operator : SY/MD
Sample : VIBLK523
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK523

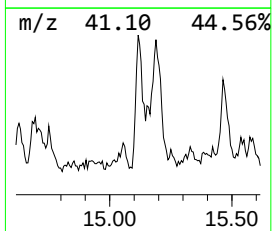
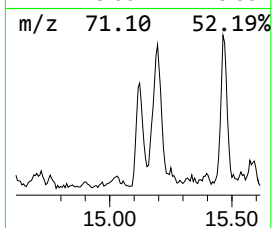
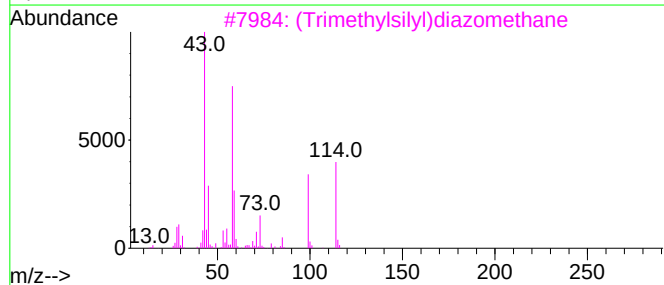
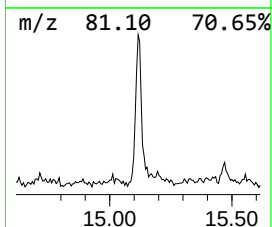
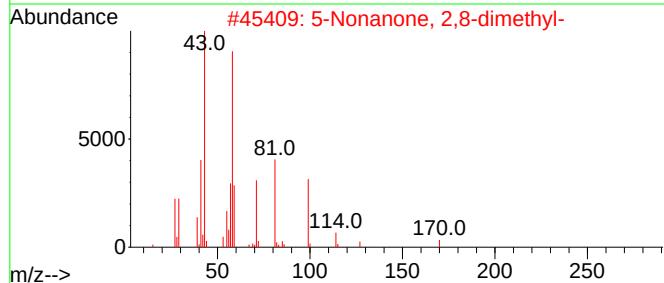
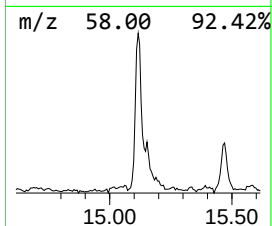
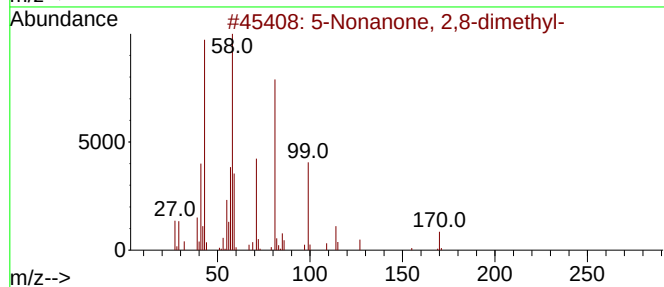
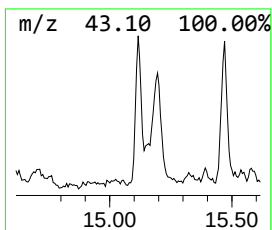
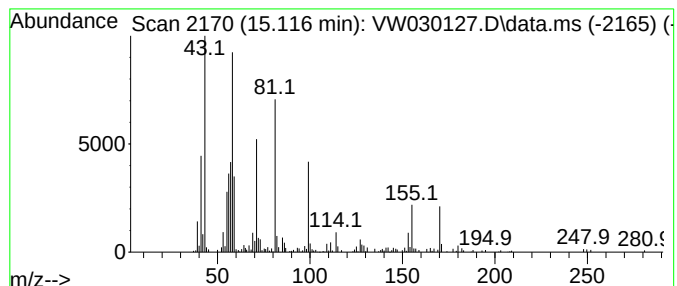
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Quant Title : SFAM01.0

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

Peak Number 14 5-Nonanone, 2,8-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.116	5.80 ug/L	188711	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		5-Nonanone, 2,8-dimethyl-	170	C11H22O	002050-99-9	81
2		5-Nonanone, 2,8-dimethyl-	170	C11H22O	002050-99-9	50
3		(Trimethylsilyl)diazomethane	114	C4H10N2Si	018107-18-1	43
4		2-Undecanone	170	C11H22O	000112-12-9	43
5		2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091024\
Data File : VW030127.D
Acq On : 10 Sep 2024 14:07
Operator : SY/MD
Sample : VIBLK523
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK523

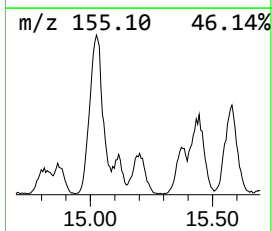
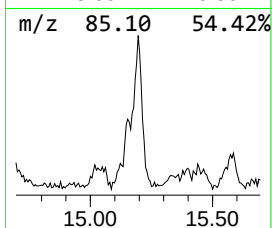
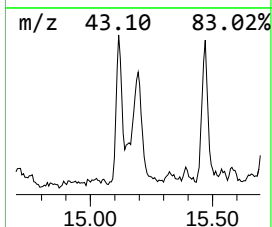
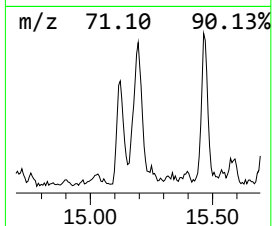
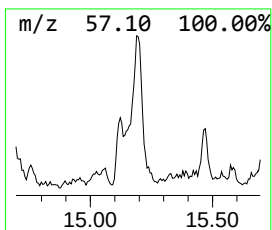
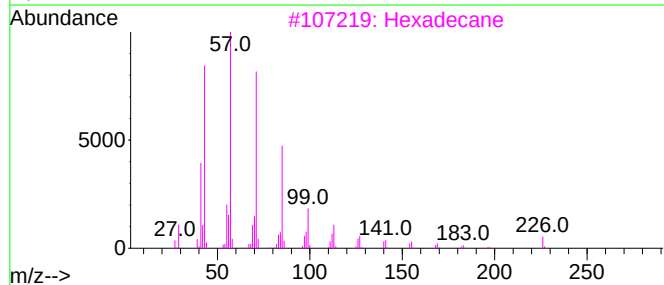
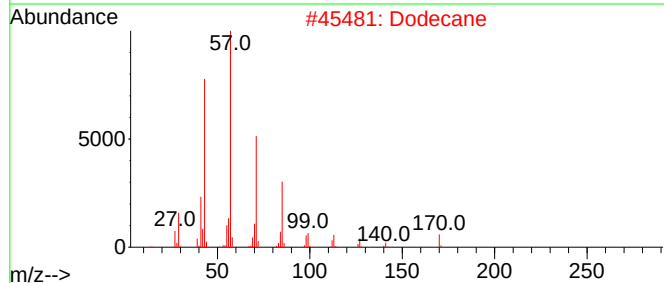
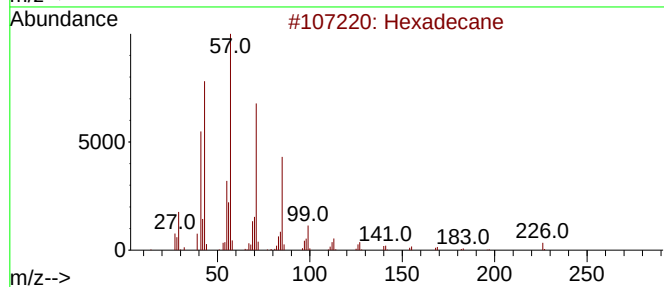
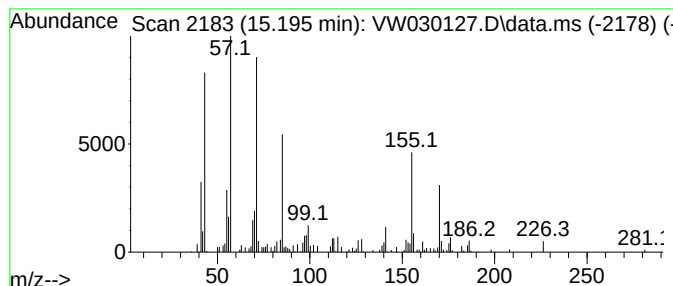
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.195	5.71 ug/L	185646	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane			226	C16H34	000544-76-3	83
2	Dodecane			170	C12H26	000112-40-3	76
3	Hexadecane			226	C16H34	000544-76-3	60
4	Dodecane			170	C12H26	000112-40-3	59
5	Dodecane			170	C12H26	000112-40-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091024\
Data File : VW030127.D
Acq On : 10 Sep 2024 14:07
Operator : SY/MD
Sample : VIBLK523
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK523

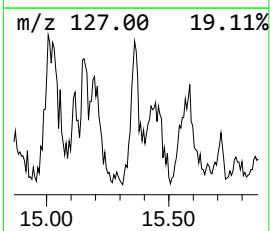
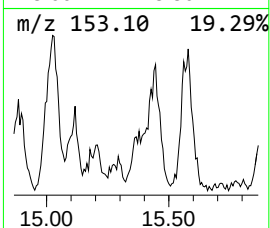
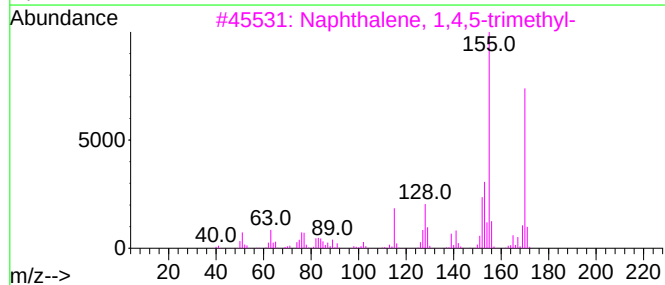
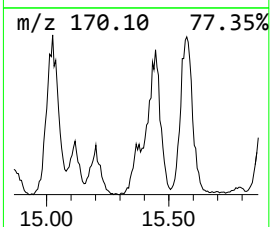
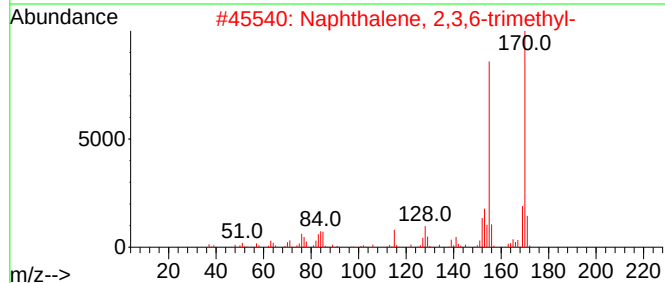
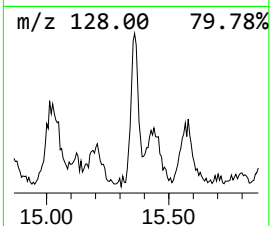
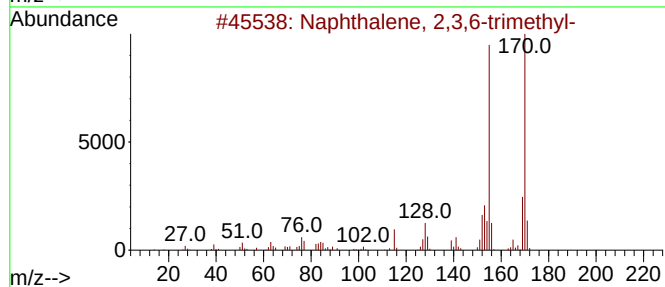
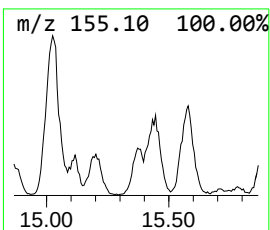
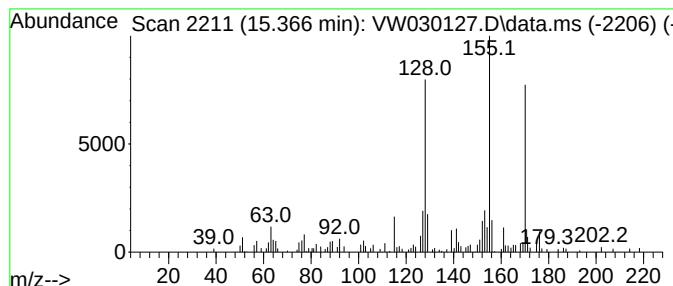
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Quant Title : SFAM01.0

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

Peak Number 16 Naphthalene, 1,4,5-trimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.366	1.50 ug/L	48711	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	58
3			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	52
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	49
5			Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091024\
Data File : VW030127.D
Acq On : 10 Sep 2024 14:07
Operator : SY/MD
Sample : VIBLK523
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK523

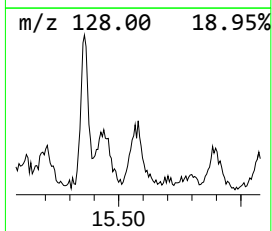
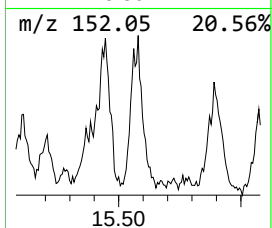
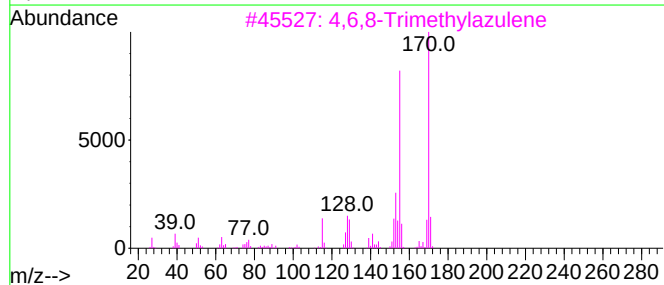
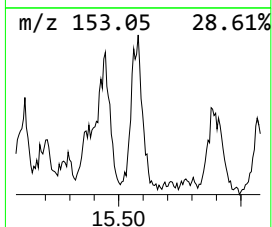
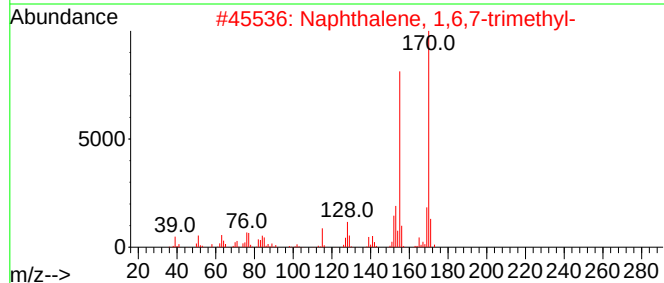
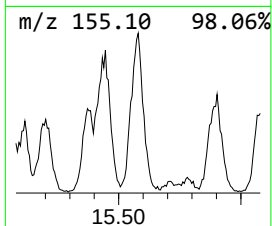
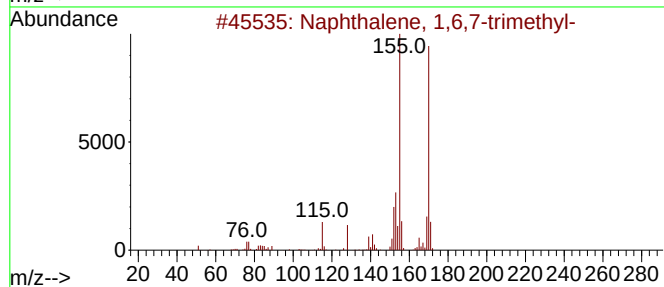
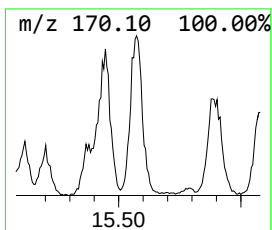
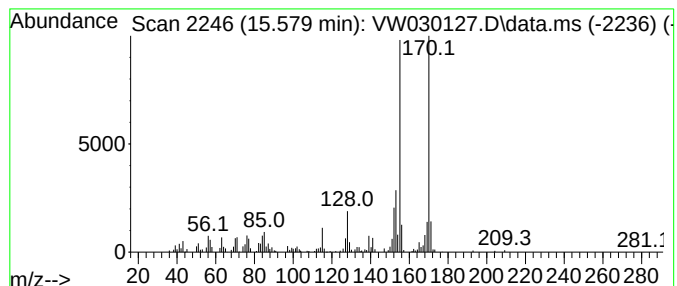
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Quant Title : SFAM01.0

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

Peak Number 17 Naphthalene, 1,6,7-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.579	4.95 ug/L	160797	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091024\
Data File : VW030127.D
Acq On : 10 Sep 2024 14:07
Operator : SY/MD
Sample : VIBLK523
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK523

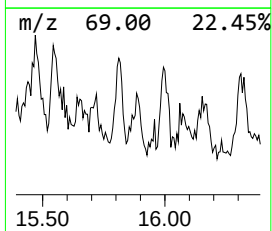
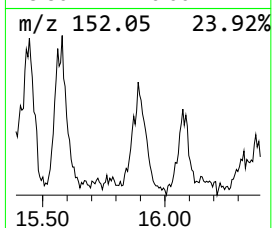
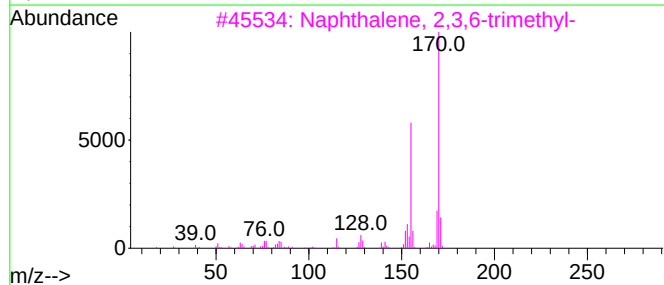
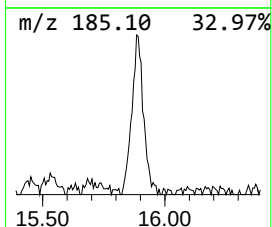
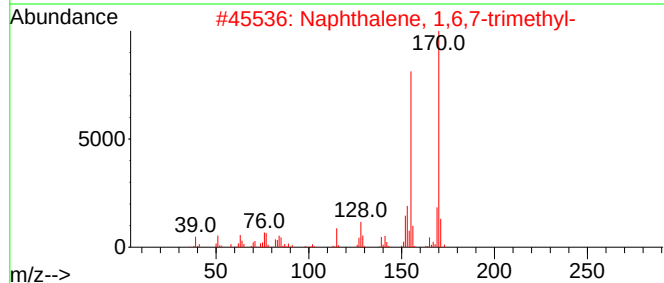
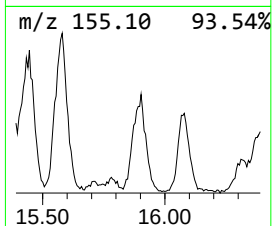
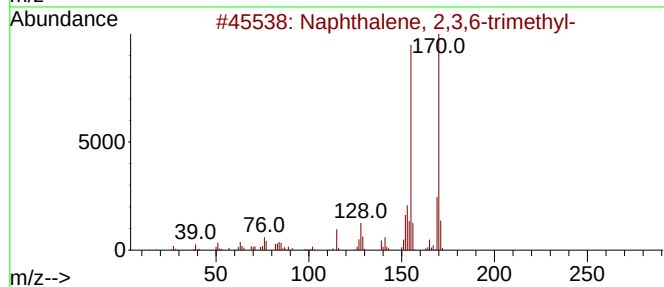
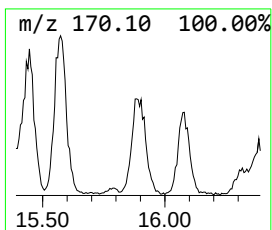
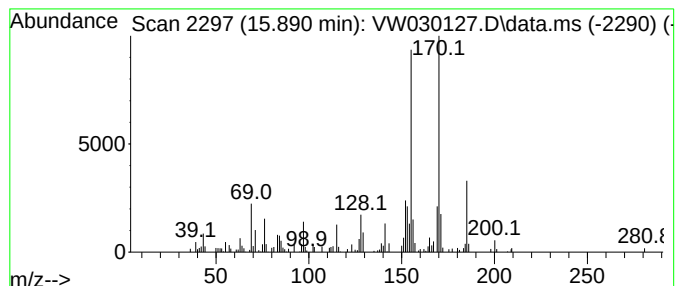
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Quant Title : SFAM01.0

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

Peak Number 18 Naphthalene, 1,4,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.890	3.75 ug/L	121805	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091024\
Data File : VW030127.D
Acq On : 10 Sep 2024 14:07
Operator : SY/MD
Sample : VIBLK523
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK523

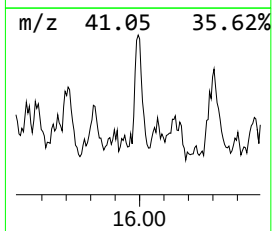
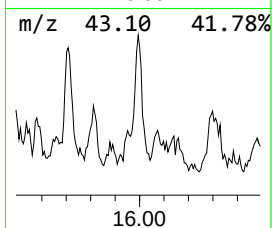
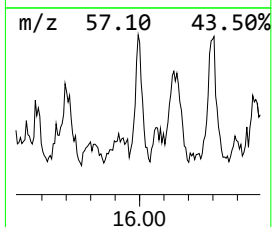
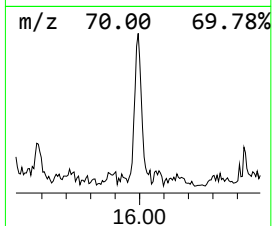
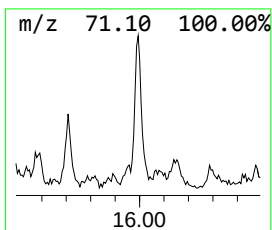
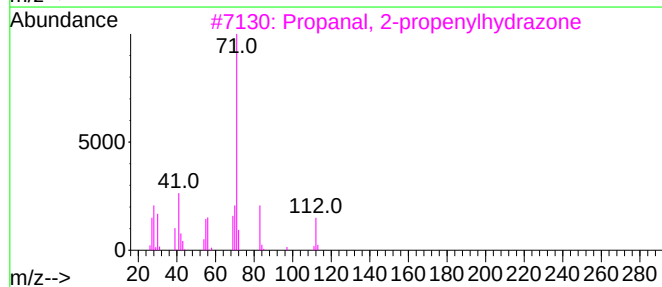
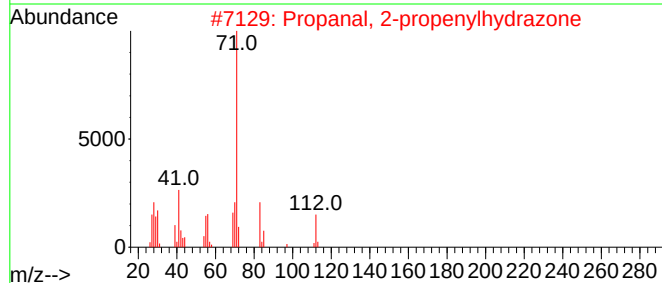
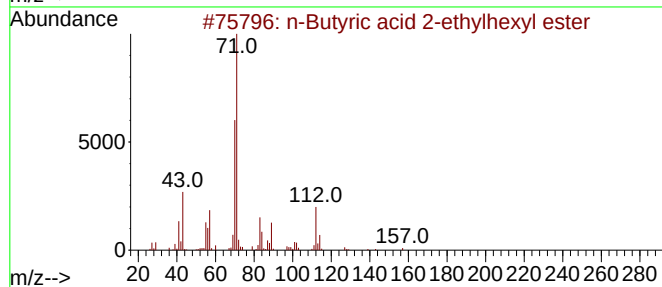
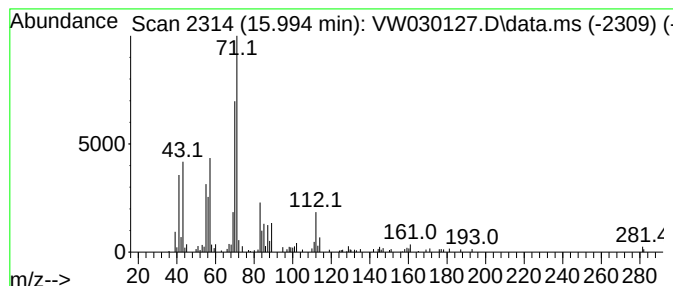
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Quant Title : SFAM01.0

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

Peak Number 19 n-Butyric acid 2-ethylhexyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.994	1.61 ug/L	52304	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Butyric acid 2-ethylhexyl ester	200	C12H24O2	025415-84-3	72
2			Propanal, 2-propenylhydrazone	112	C6H12N2	019031-78-8	50
3			Propanal, 2-propenylhydrazone	112	C6H12N2	019031-78-8	47
4			Butanoic acid, pentyl ester	158	C9H18O2	000540-18-1	47
5			Butanoic acid, 3-methylbutyl ester	158	C9H18O2	000106-27-4	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091024\
Data File : VW030127.D
Acq On : 10 Sep 2024 14:07
Operator : SY/MD
Sample : VIBLK523
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK523

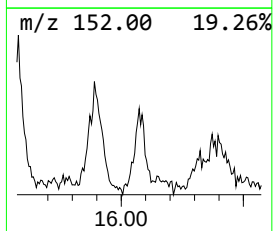
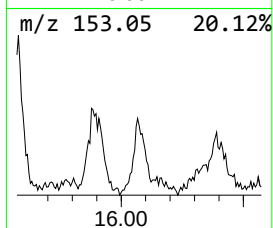
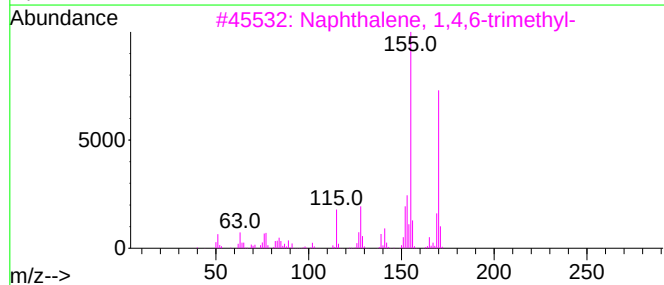
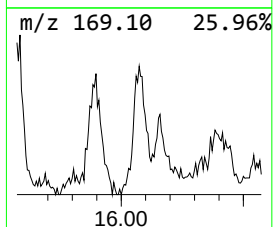
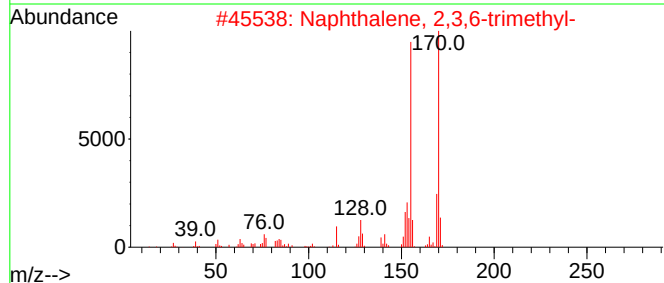
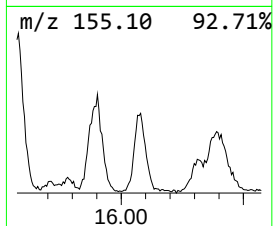
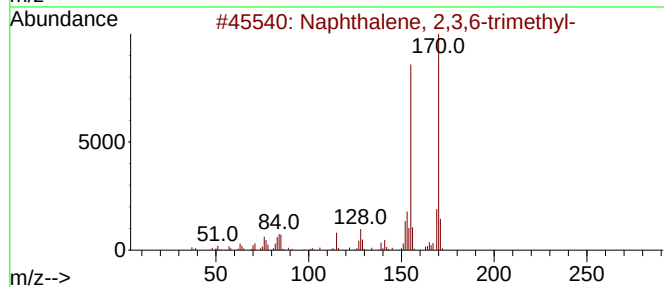
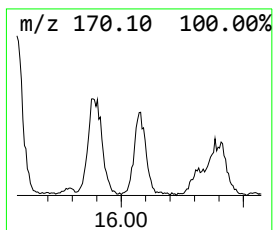
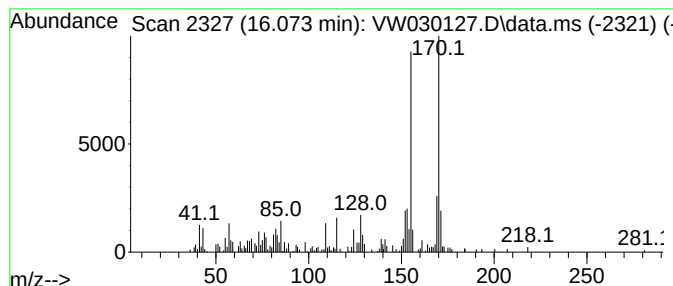
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Quant Title : SFAM01.0

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

Peak Number 20 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.073	2.35 ug/L	76268	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091024\
Data File : VW030127.D
Acq On : 10 Sep 2024 14:07
Operator : SY/MD
Sample : VIBLK523
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK523

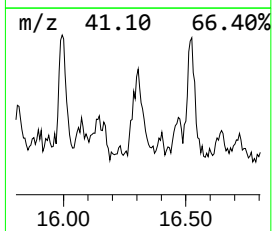
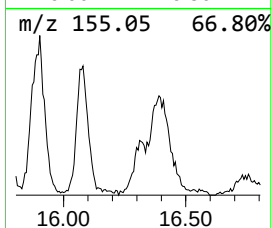
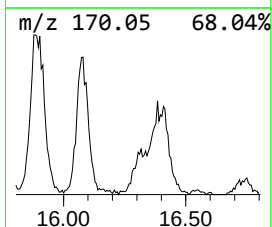
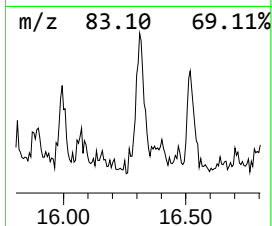
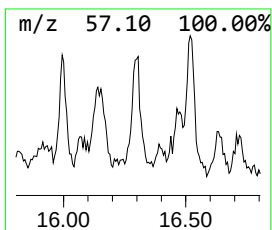
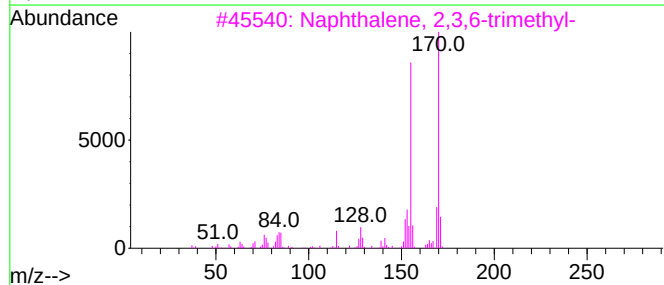
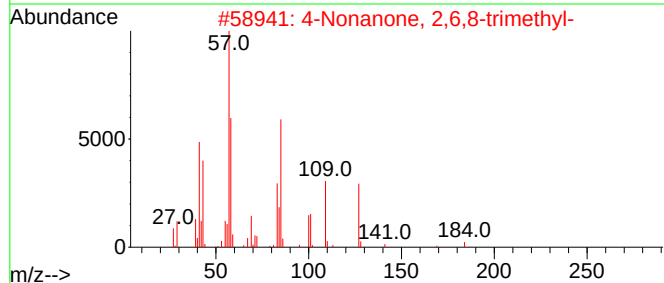
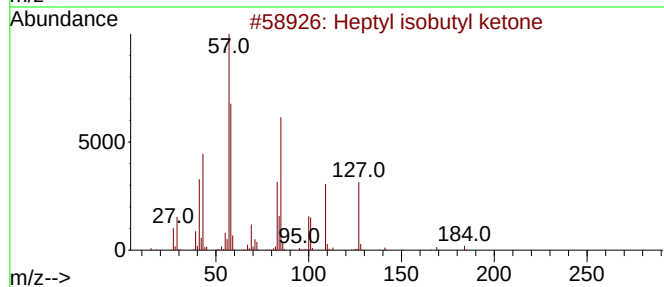
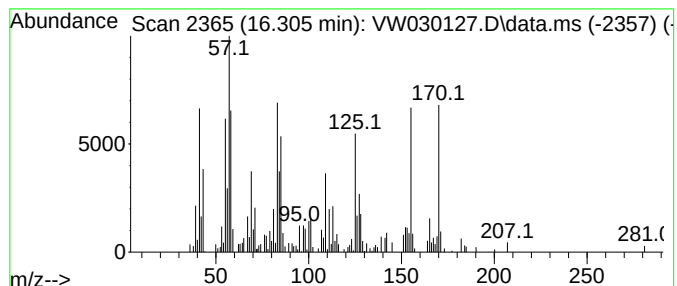
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Quant Title : SFAM01.0

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

Peak Number 21 unknown-02 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.305	3.02 ug/L	98087	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptyl isobutyl ketone	184	C12H24O	019594-40-2	38
2			4-Nonanone, 2,6,8-trimethyl-	184	C12H24O	000123-18-2	38
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	35
4			1,3-Cyclohexanedione, 5,5-dimeth...	182	C11H18O2	001919-64-8	35
5			3,4-Dimethoxythiophenol	170	C8H10O2S	000700-96-9	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091024\
Data File : VW030127.D
Acq On : 10 Sep 2024 14:07
Operator : SY/MD
Sample : VIBLK523
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK523

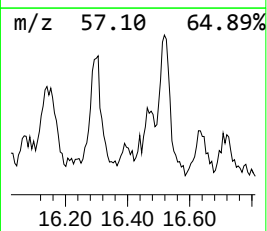
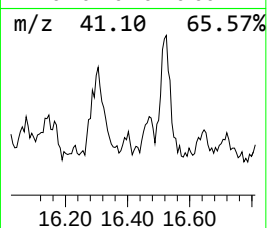
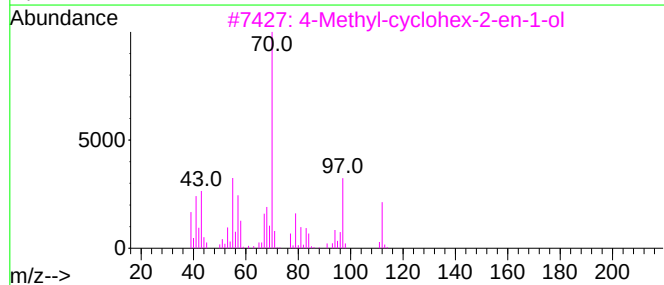
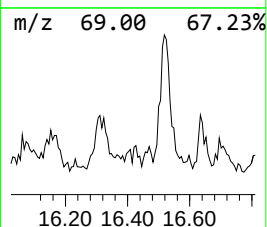
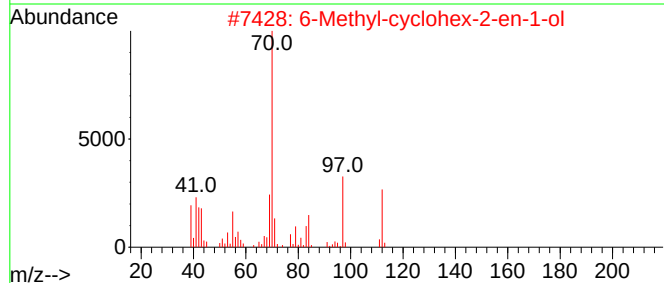
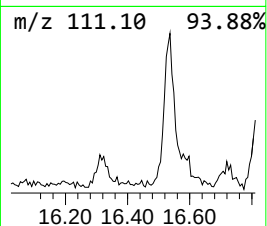
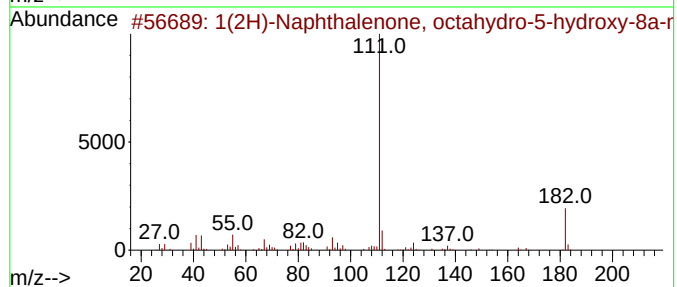
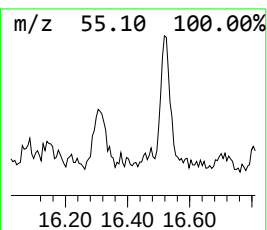
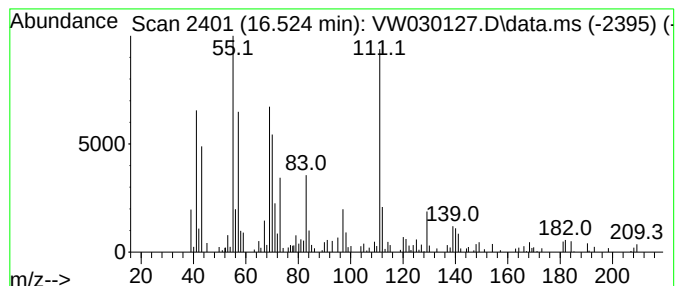
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Quant Title : SFAM01.0

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

Peak Number 22 unknown-03 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.525	2.52 ug/L	81902	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1(2H)-Naphthalenone, octahydro-5...	182	C11H18O2	091965-65-0	27
2			6-Methyl-cyclohex-2-en-1-ol	112	C7H12O	1000144-17-3	25
3			4-Methyl-cyclohex-2-en-1-ol	112	C7H12O	1000144-17-5	25
4			1-Decene	140	C10H20	000872-05-9	25
5			Cyclopropane, 1-butyl-2-pentyl-,...	168	C12H24	074663-88-0	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091024\
Data File : VW030127.D
Acq On : 10 Sep 2024 14:07
Operator : SY/MD
Sample : VIBLK523
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK523

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1-...	12.239	6.9	ug/L	240548	2	11.629	866501	25.0
Naphthalene, 1,...	13.190	30.5	ug/L	992080	3	13.556	812814	25.0
Naphthalene, 1,...	13.342	17.6	ug/L	572545	3	13.556	812814	25.0
1-Hexanol, 2-et...	13.641	3.1	ug/L	99954	3	13.556	812814	25.0
Naphthalene, 1,...	13.775	2.0	ug/L	63327	3	13.556	812814	25.0
Naphthalene, 1,...	14.226	5.0	ug/L	161737	3	13.556	812814	25.0
2,2'-Dimethylbi...	14.458	2.8	ug/L	91959	3	13.556	812814	25.0
unknown-01	14.629	1.3	ug/L	43352	3	13.556	812814	25.0
Naphthalene, 1-...	14.714	4.2	ug/L	135649	3	13.556	812814	25.0
Naphthalene, 1-...	15.025	7.9	ug/L	256112	3	13.556	812814	25.0
5-Nonanone, 2,8...	15.116	5.8	ug/L	188711	3	13.556	812814	25.0
(DEL) Alkane: S...	15.195	5.7	ug/L	185646	3	13.556	812814	25.0
Naphthalene, 1,...	15.366	1.5	ug/L	48711	3	13.556	812814	25.0
Naphthalene, 1,...	15.579	5.0	ug/L	160797	3	13.556	812814	25.0
Naphthalene, 1,...	15.890	3.8	ug/L	121805	3	13.556	812814	25.0
n-Butyric acid ...	15.994	1.6	ug/L	52304	3	13.556	812814	25.0
Naphthalene, 2,...	16.073	2.4	ug/L	76268	3	13.556	812814	25.0
unknown-02	16.305	3.0	ug/L	98087	3	13.556	812814	25.0
unknown-03	16.525	2.5	ug/L	81902	3	13.556	812814	25.0