

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
 Data File : VW024694.D
 Acq On : 30 Sep 2022 12:13
 Operator : SY/VA
 Sample : N4858-06RE
 Misc : 5.38g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGSF8

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\SFAMWLM092622SMA.M
 Title : SFAM01.0

Signal : TIC: VW024694.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.989	10	14	25	rVB	51201	102943	4.50%	0.352%
2	2.355	68	74	84	rVB	108279	181222	7.93%	0.620%
3	2.501	92	98	112	rBV	51404	123872	5.42%	0.424%
4	2.666	120	125	128	rBV6	2089	3947	0.17%	0.014%
5	2.812	145	149	155	rBV	4738	11291	0.49%	0.039%
6	2.885	155	161	173	rVB	60713	129199	5.65%	0.442%
7	3.111	196	198	208	rVB6	4659	10747	0.47%	0.037%
8	3.391	240	244	251	rVB7	1670	3715	0.16%	0.013%
9	4.019	334	347	358	rBV2	158079	504175	22.05%	1.725%
10	4.129	358	365	382	rVB	68248	199005	8.71%	0.681%
11	4.391	398	408	423	rVV3	11743	40677	1.78%	0.139%
12	4.928	484	496	506	rBV	27265	91640	4.01%	0.313%
13	5.787	626	637	652	rBV2	30558	100644	4.40%	0.344%
14	5.946	655	663	675	rVB4	8317	25732	1.13%	0.088%
15	6.122	681	692	703	rBV5	3509	12822	0.56%	0.044%
16	6.903	809	820	832	rBV	51876	158945	6.95%	0.544%
17	7.080	840	849	854	rBV	91149	246783	10.80%	0.844%
18	7.141	854	859	876	rVV2	80360	308305	13.49%	1.055%
19	7.653	931	943	956	rBV	354452	879720	38.48%	3.009%
20	8.275	1031	1045	1061	rBV2	598787	1900172	83.12%	6.500%
21	8.555	1084	1091	1108	rVB5	18383	53256	2.33%	0.182%
22	8.713	1108	1117	1124	rBV7	8661	24528	1.07%	0.084%
23	8.842	1130	1138	1150	rBV	758258	1515614	66.30%	5.184%
24	9.091	1170	1179	1185	rVB10	5626	15215	0.67%	0.052%
25	9.274	1195	1209	1220	rBV	484962	993321	43.45%	3.398%
26	9.408	1224	1231	1241	rVB	109817	213896	9.36%	0.732%
27	9.665	1264	1273	1282	rBV	58428	121445	5.31%	0.415%
28	9.890	1306	1310	1315	rVB7	1528	3131	0.14%	0.011%
29	10.036	1322	1334	1343	rBV	258219	472482	20.67%	1.616%
30	10.207	1357	1362	1372	rBV2	9971	20414	0.89%	0.070%
31	10.323	1372	1381	1388	rBV	711586	1252766	54.80%	4.285%
32	10.384	1388	1391	1396	rVB2	6230	9538	0.42%	0.033%
33	10.494	1403	1409	1416	rVB5	11488	25774	1.13%	0.088%
34	10.579	1416	1423	1427	rBV	164398	289335	12.66%	0.990%
35	10.701	1438	1443	1454	rVB2	17535	32899	1.44%	0.113%
36	10.859	1457	1469	1474	rBV3	33168	68544	3.00%	0.234%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Title : SFAM01.0

37	10.920	1474	1479	1495	rVB	341218	592410	25.91%	2.026%
38	11.067	1495	1503	1516	rBV2	267961	469401	20.53%	1.606%
39	11.347	1544	1549	1553	rBV3	7475	13529	0.59%	0.046%
40	11.433	1555	1563	1569	rVB8	10658	24297	1.06%	0.083%
41	11.500	1569	1574	1582	rBV	38475	67212	2.94%	0.230%
42	11.585	1582	1588	1589	rBV	27006	34417	1.51%	0.118%
43	11.628	1589	1595	1605	rVV	1000532	1682397	73.59%	5.755%
44	11.731	1608	1612	1616	rVV4	5423	8270	0.36%	0.028%
45	11.841	1621	1630	1633	rBV3	49957	100136	4.38%	0.343%
46	11.914	1640	1642	1644	rBV2	3722	3519	0.15%	0.012%
47	12.012	1653	1658	1662	rBV4	9518	18382	0.80%	0.063%
48	12.060	1662	1666	1669	rBV2	13271	19794	0.87%	0.068%
49	12.134	1670	1678	1684	rBV4	43975	97728	4.28%	0.334%
50	12.249	1690	1697	1701	rVB	68950	116958	5.12%	0.400%
51	12.335	1701	1711	1723	rBV3	325296	772652	33.80%	2.643%
52	12.536	1728	1744	1746	rVV6	110888	330660	14.46%	1.131%
53	12.566	1746	1749	1758	rVV5	82759	202037	8.84%	0.691%
54	12.646	1758	1762	1765	rVV3	81922	117287	5.13%	0.401%
55	12.688	1765	1769	1776	rVB	449646	711583	31.13%	2.434%
56	12.774	1780	1783	1790	rVB3	101292	188334	8.24%	0.644%
57	12.859	1790	1797	1800	rBV4	65413	143412	6.27%	0.491%
58	12.926	1801	1808	1815	rBV2	534791	1079312	47.21%	3.692%
59	12.987	1815	1818	1823	rVB3	93498	138605	6.06%	0.474%
60	13.036	1823	1826	1828	rBV4	18515	27308	1.19%	0.093%
61	13.079	1828	1833	1836	rVB3	83045	122212	5.35%	0.418%
62	13.121	1836	1840	1843	rBV2	99936	173925	7.61%	0.595%
63	13.158	1843	1846	1854	rVB	302418	472283	20.66%	1.616%
64	13.255	1859	1862	1863	rBV3	21548	23324	1.02%	0.080%
65	13.286	1864	1867	1872	rVB	97209	135280	5.92%	0.463%
66	13.335	1872	1875	1879	rBV3	60207	71501	3.13%	0.245%
67	13.396	1879	1885	1889	rBV3	414548	747068	32.68%	2.555%
68	13.444	1889	1893	1896	rBV3	166875	254681	11.14%	0.871%
69	13.554	1906	1911	1919	rBV	886936	1364975	59.71%	4.669%
70	13.694	1928	1934	1938	rBV6	58329	128931	5.64%	0.441%
71	13.743	1938	1942	1946	rBV	54934	85347	3.73%	0.292%
72	13.786	1946	1949	1953	rVB2	45278	51959	2.27%	0.178%
73	13.865	1953	1962	1968	rBV3	969847	2286032	100.00%	7.820%
74	14.005	1977	1985	1992	rBV8	71058	287399	12.57%	0.983%
75	14.194	2010	2016	2021	rBV4	122350	221103	9.67%	0.756%
76	14.255	2021	2026	2032	rVV5	77148	174792	7.65%	0.598%

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 Title : SFAM01.0

77	14.322	2032	2037	2043	rVV	435038	745391	32.61%	2.550%
78	14.383	2043	2047	2050	rVV3	203707	349859	15.30%	1.197%
79	14.420	2050	2053	2056	rVV2	107043	160348	7.01%	0.548%
80	14.450	2056	2058	2061	rVB	38441	40056	1.75%	0.137%
81	14.493	2061	2065	2069	rBV2	120471	188591	8.25%	0.645%
82	14.542	2069	2073	2078	rVB3	93646	158907	6.95%	0.544%
83	14.633	2084	2088	2092	rVB2	63113	93091	4.07%	0.318%
84	14.719	2096	2102	2107	rVB3	242291	383139	16.76%	1.311%
85	14.779	2107	2112	2116	rBV3	74066	152433	6.67%	0.521%
86	15.060	2154	2158	2162	rBV4	35987	59371	2.60%	0.203%
87	15.127	2162	2169	2174	rVV	775873	1334713	58.39%	4.566%
88	15.176	2174	2177	2185	rVV2	173878	281481	12.31%	0.963%
89	15.243	2185	2188	2195	rVB6	34133	72257	3.16%	0.247%
90	15.316	2196	2200	2203	rBV2	47585	83960	3.67%	0.287%
91	15.359	2203	2207	2213	rVB	86257	144133	6.30%	0.493%
92	15.548	2232	2238	2247	rVB2	479473	880051	38.50%	3.010%
93	15.639	2247	2253	2262	rBV10	31015	93741	4.10%	0.321%
94	16.011	2308	2314	2321	rVB9	11238	32578	1.43%	0.111%
95	16.084	2322	2326	2331	rBV7	18906	34976	1.53%	0.120%
96	16.212	2343	2347	2351	rVB5	10106	15276	0.67%	0.052%
97	16.273	2353	2357	2365	rVB2	19337	38225	1.67%	0.131%
98	16.438	2378	2384	2387	rBV	22091	53539	2.34%	0.183%
99	16.480	2387	2391	2400	rVB2	54068	103650	4.53%	0.355%
100	16.572	2402	2406	2413	rBV6	10212	26509	1.16%	0.091%

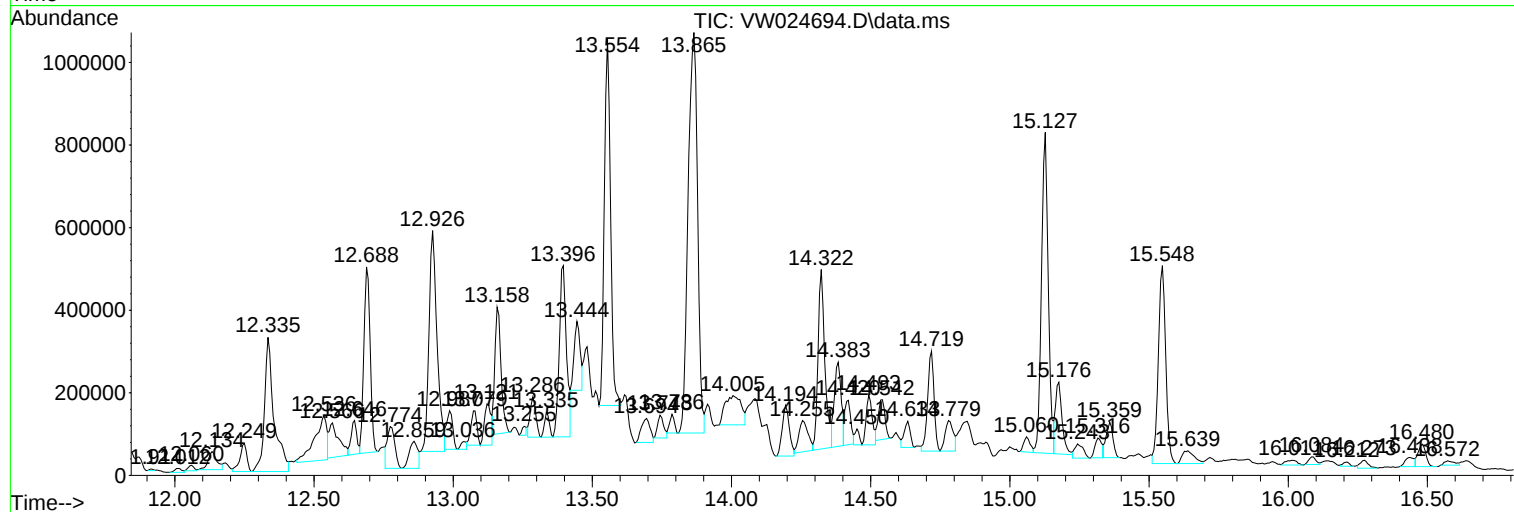
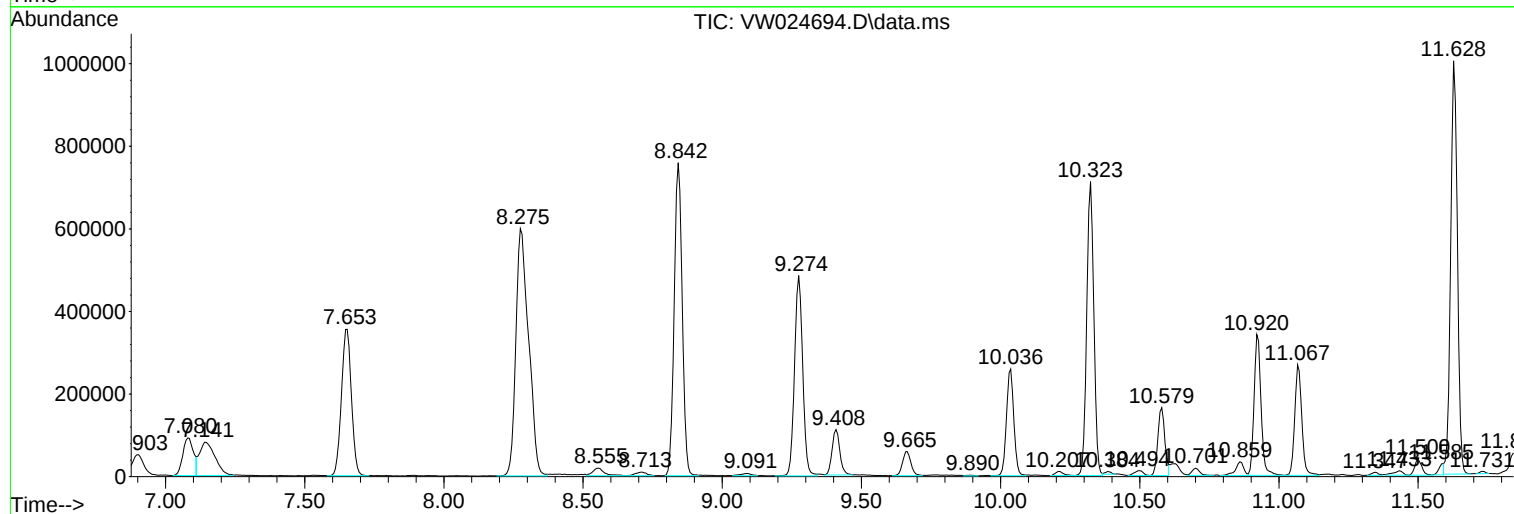
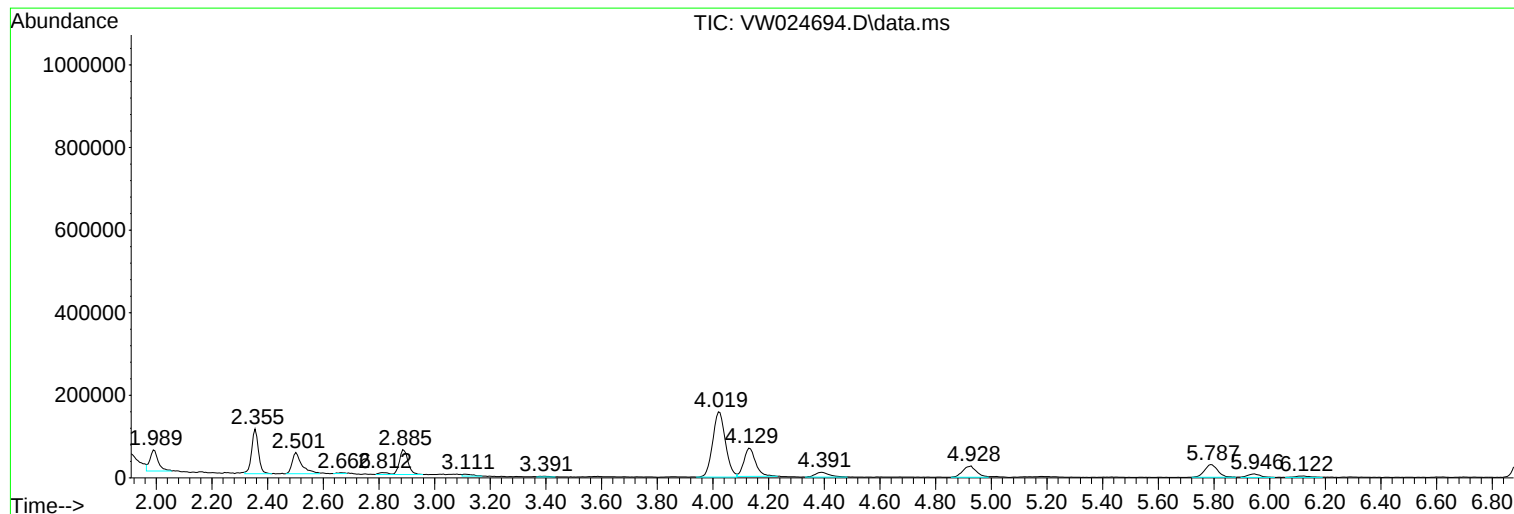
Sum of corrected areas: 29234441

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
Quant Title : SFAM01.0

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



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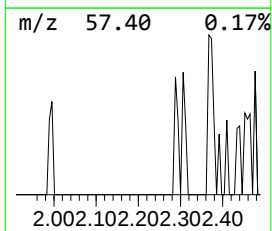
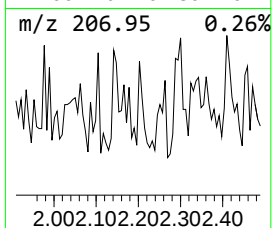
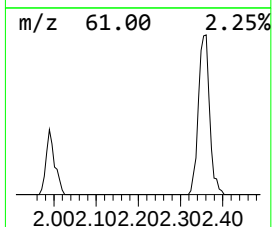
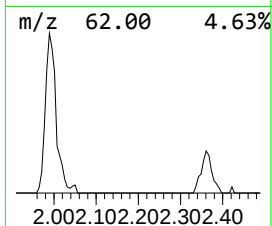
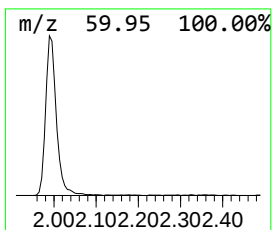
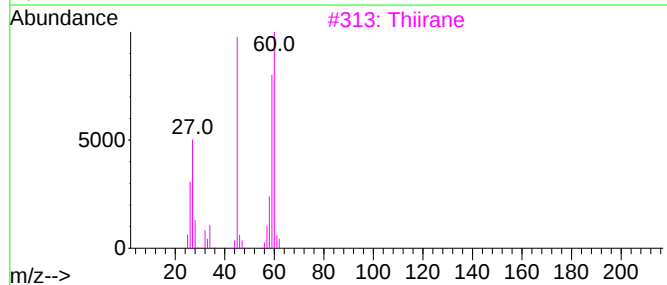
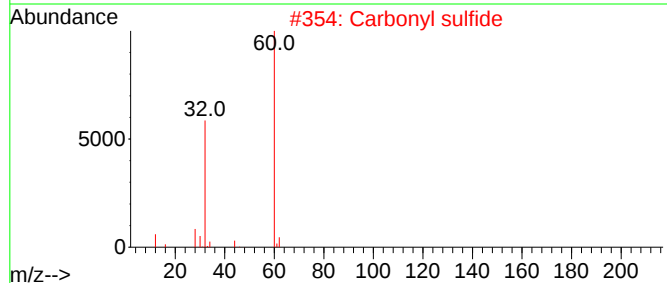
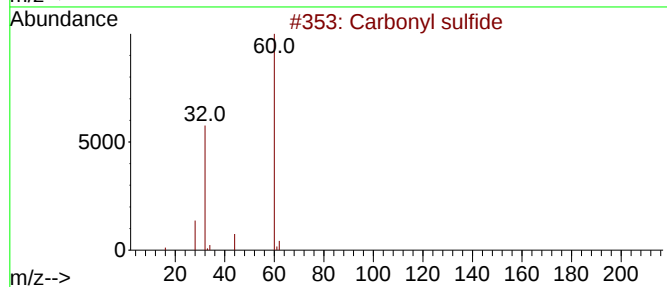
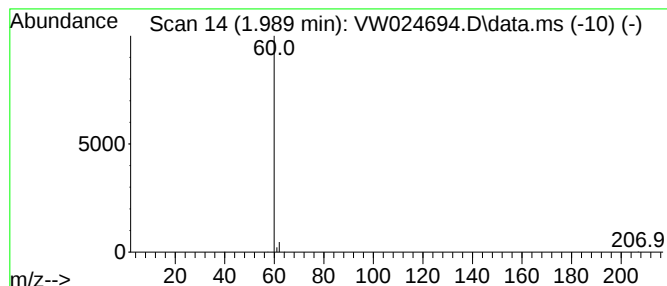
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 unknown-01 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.989	1.70 ug/L	102943	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonyl sulfide	60	COS	000463-58-1	5
2			Carbonyl sulfide	60	COS	000463-58-1	5
3			Thiirane	60	C2H4S	000420-12-2	4
4			Urea	60	CH4N2O	000057-13-6	4
5			Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	4



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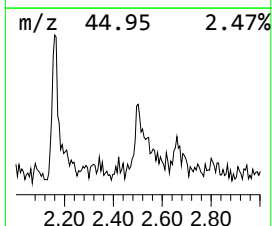
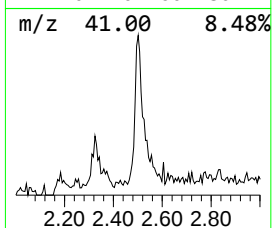
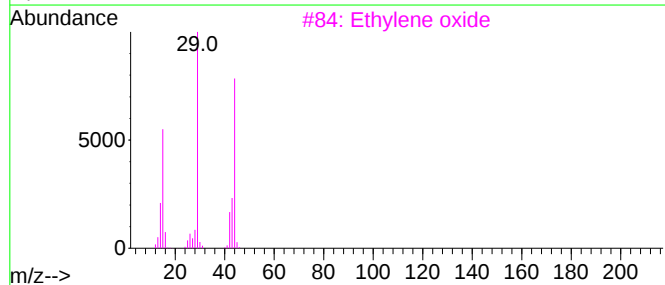
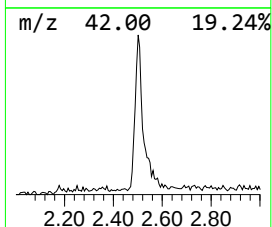
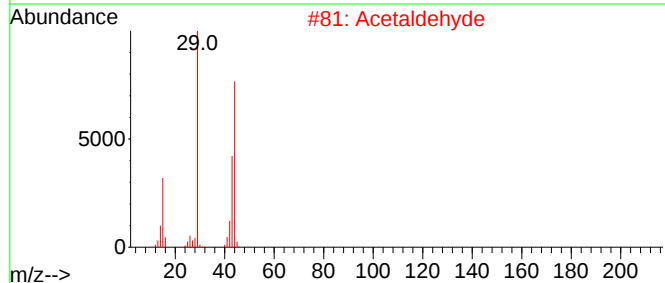
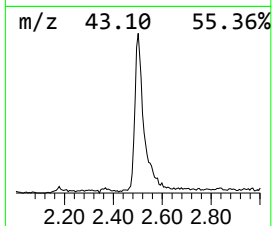
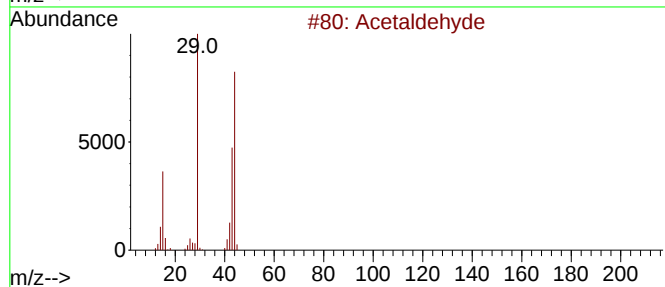
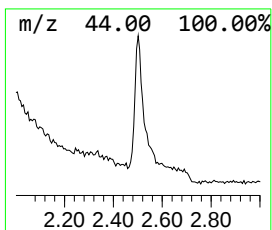
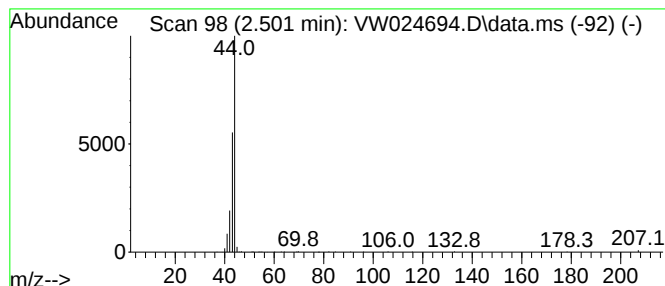
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 unknown-02 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.501	2.04 ug/L	123872	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Acetaldehyde	44	C2H4O	000075-07-0	9
2		Acetaldehyde	44	C2H4O	000075-07-0	9
3		Ethylene oxide	44	C2H4O	000075-21-8	5
4		Ethylene oxide	44	C2H4O	000075-21-8	5
5		Ethylene oxide	44	C2H4O	000075-21-8	5



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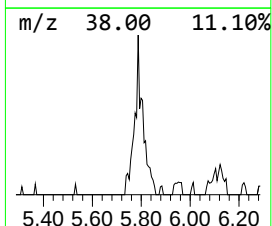
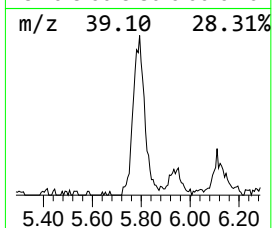
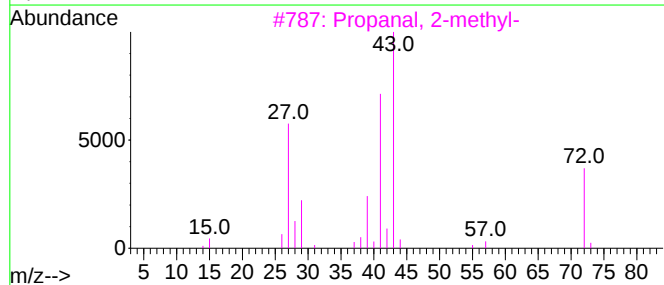
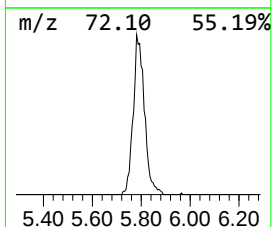
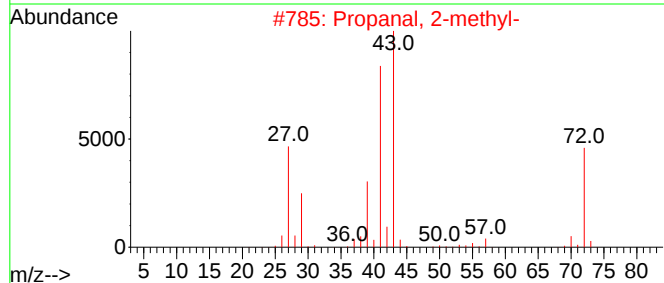
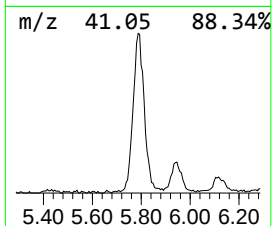
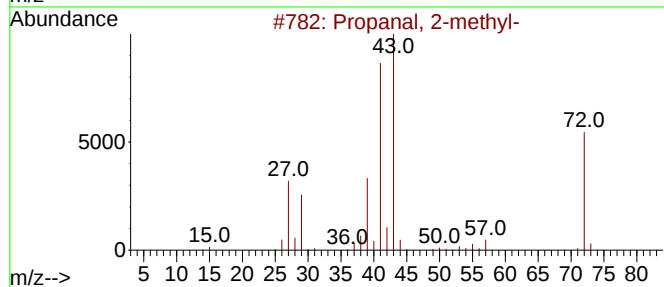
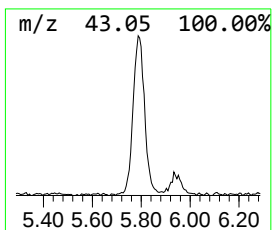
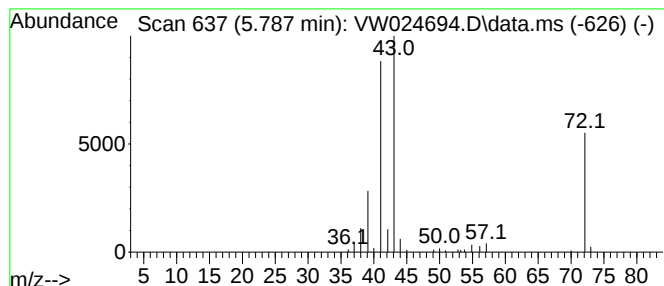
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Quant Title : SFAM01.0

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

Peak Number 4 Propanal, 2-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.787	1.66 ug/L	100644	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanal, 2-methyl-	72	C4H8O	000078-84-2	91
2			Propanal, 2-methyl-	72	C4H8O	000078-84-2	86
3			Propanal, 2-methyl-	72	C4H8O	000078-84-2	78
4			Propanal, 2-methyl-	72	C4H8O	000078-84-2	64
5			Butanal	72	C4H8O	000123-72-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

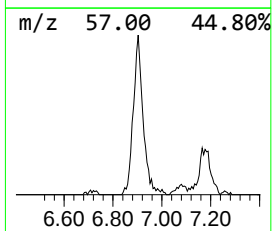
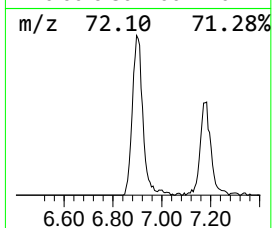
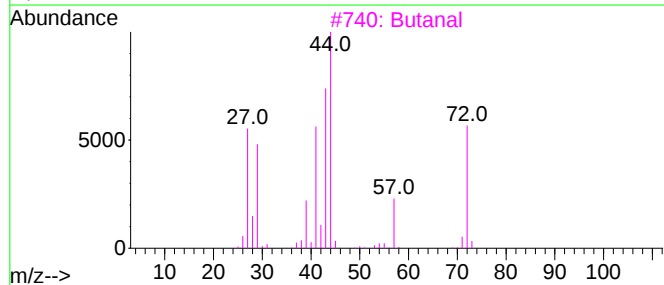
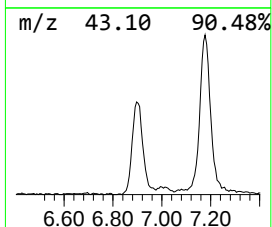
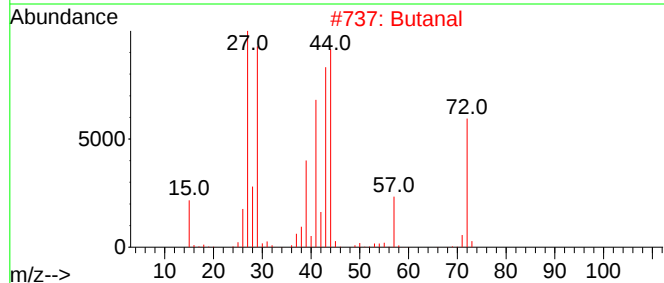
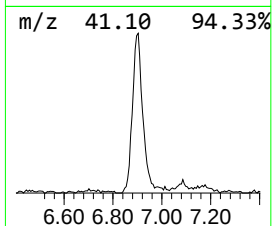
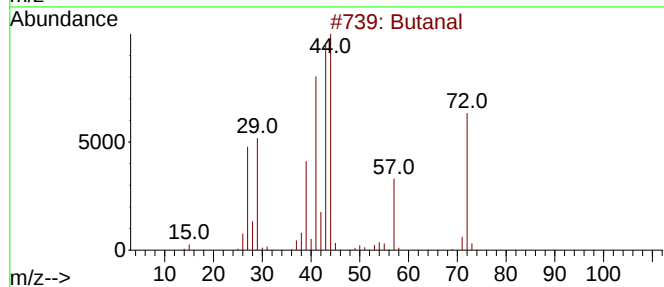
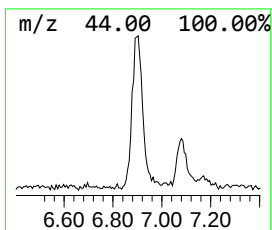
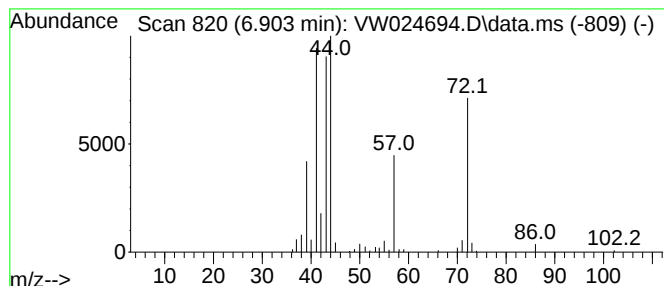
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Quant Title : SFAM01.0

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

Peak Number 5 Butanal Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.903	2.62 ug/L	158945	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal			72	C4H8O	000123-72-8	90
2	Butanal			72	C4H8O	000123-72-8	87
3	Butanal			72	C4H8O	000123-72-8	64
4	Butanal			72	C4H8O	000123-72-8	64
5	Butanal			72	C4H8O	000123-72-8	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

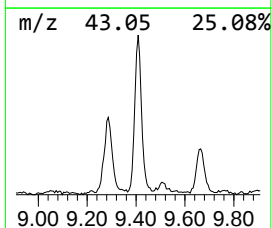
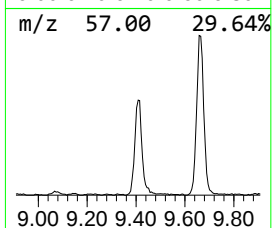
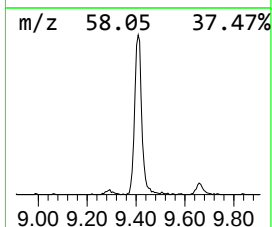
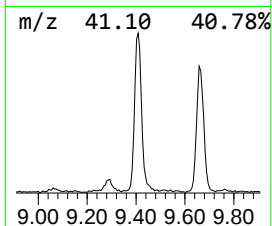
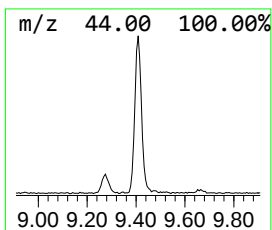
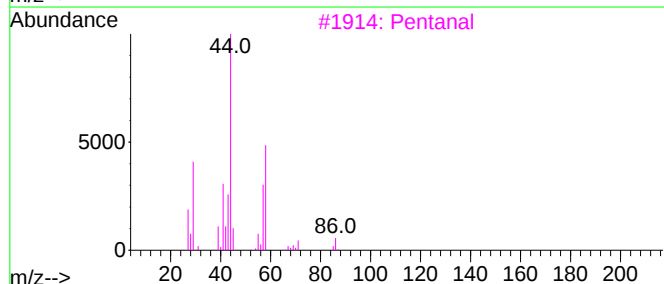
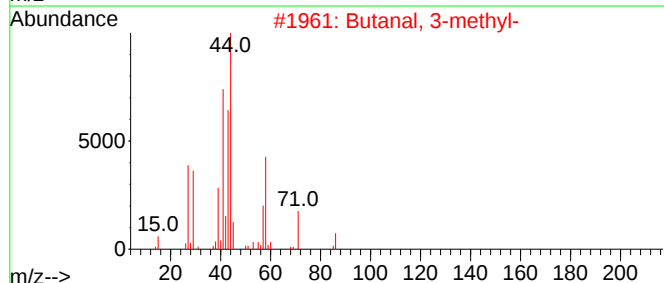
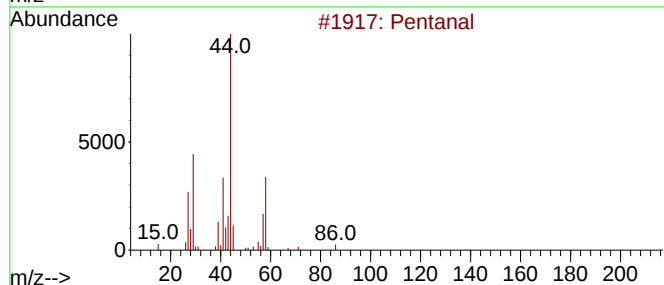
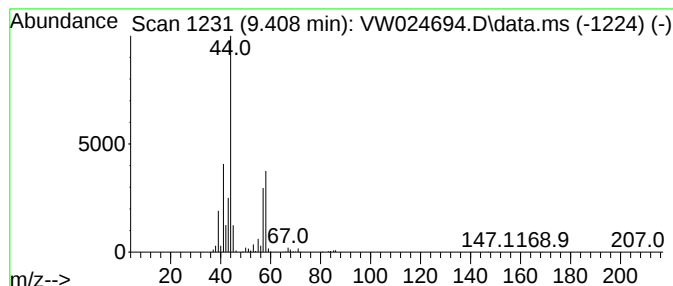
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Quant Title : SFAM01.0

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

Peak Number 6 Pentanal Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.408	3.53 ug/L	213896	1,4-Difluorobenzene	8.842

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentanal	86	C5H10O	000110-62-3	83
2		Butanal, 3-methyl-	86	C5H10O	000590-86-3	64
3		Pentanal	86	C5H10O	000110-62-3	64
4		Pentanal	86	C5H10O	000110-62-3	52
5		Pentanal	86	C5H10O	000110-62-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

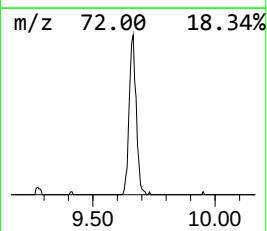
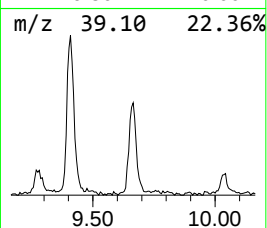
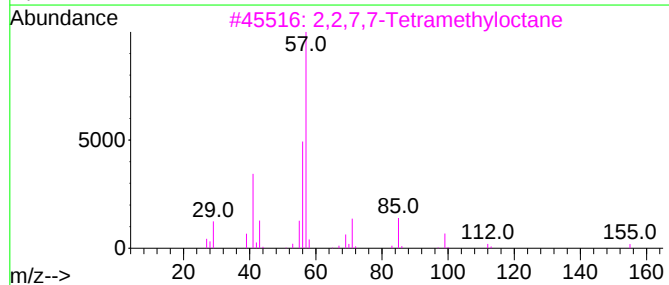
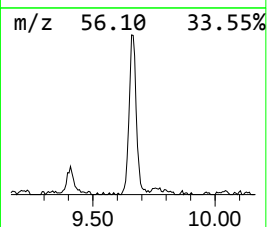
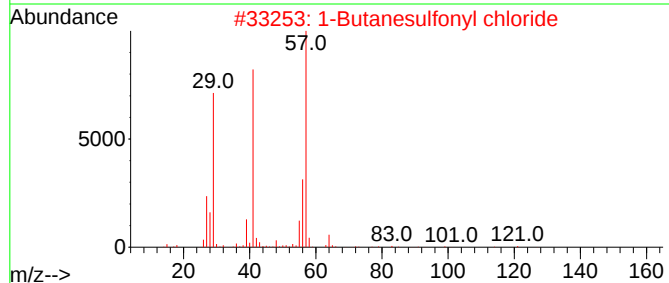
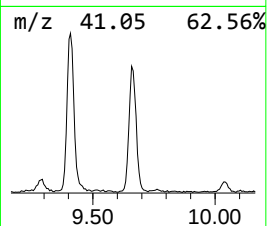
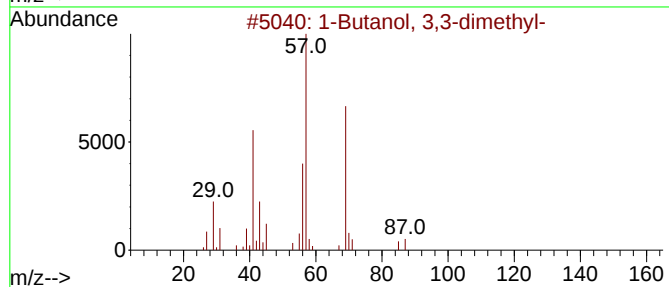
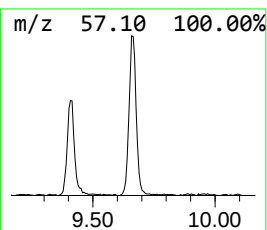
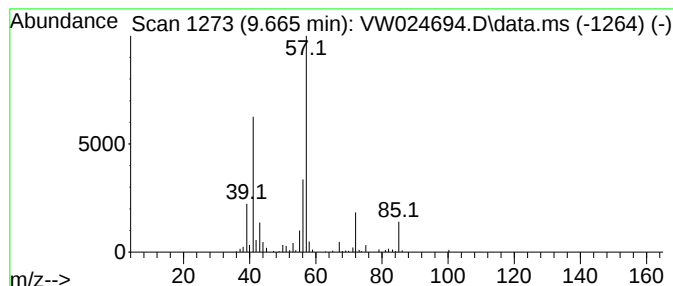
Instrument :
MSVOA_W
ClientSampleId :
BGSF8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
Quant Title : SFAM01.0

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

Peak Number 7 unknown-03 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.665	2.00 ug/L	121445	1,4-Difluorobenzene	8.842	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol, 3,3-dimethyl-	102	C6H14O	000624-95-3	37
2	1-Butanesulfonyl chloride	156	C4H9ClO2S	002386-60-9	37
3	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	36
4	Cyclobutanol, 2-ethyl-	100	C6H12O	035301-43-0	33
5	1-Hexen-3-ol	100	C6H12O	004798-44-1	28



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

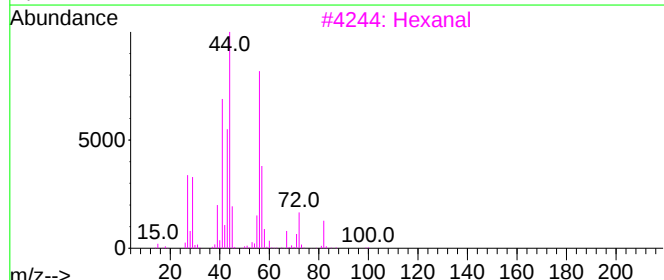
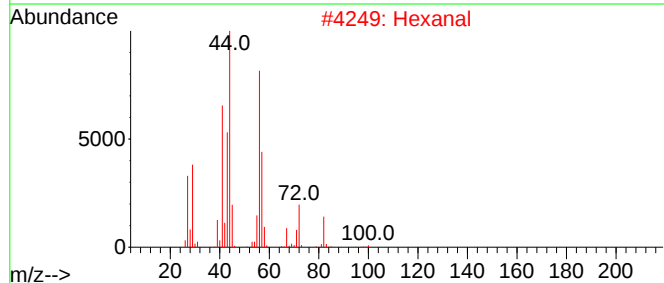
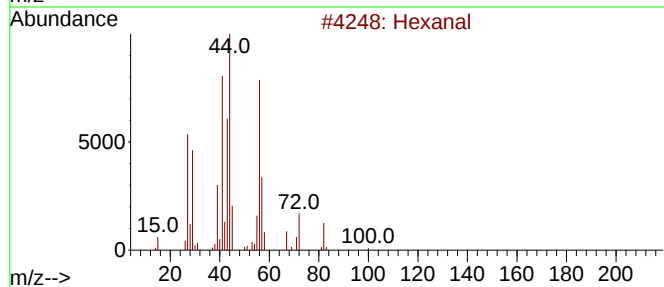
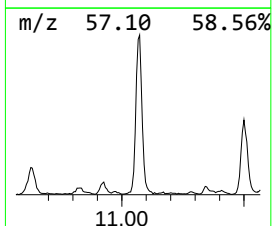
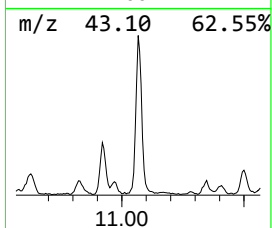
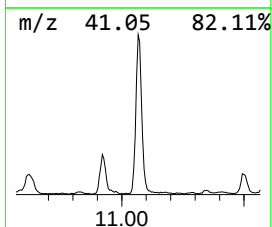
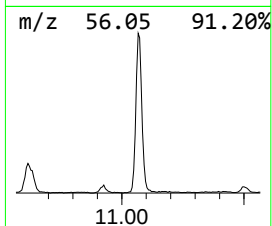
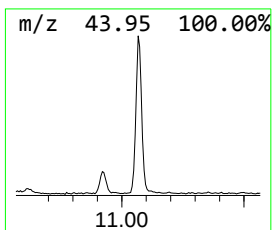
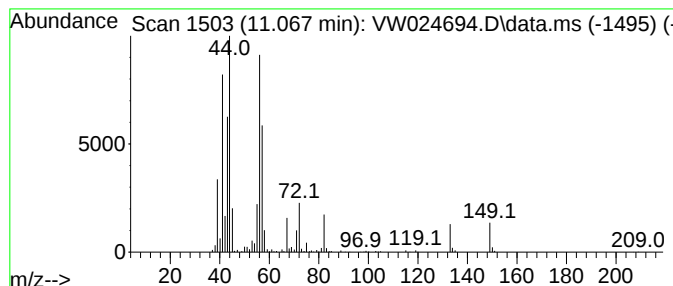
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Quant Title : SFAM01.0

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

Peak Number 9 Hexanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.067	6.98 ug/L	469401	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	86
2	Hexanal			100	C6H12O	000066-25-1	86
3	Hexanal			100	C6H12O	000066-25-1	80
4	Hexanal			100	C6H12O	000066-25-1	80
5	Hexanal			100	C6H12O	000066-25-1	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

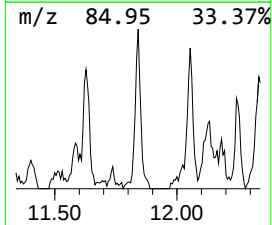
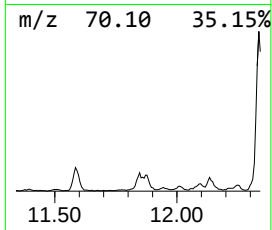
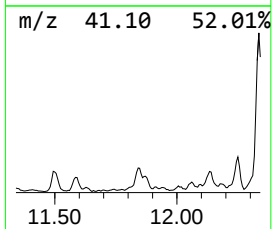
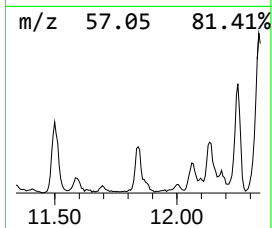
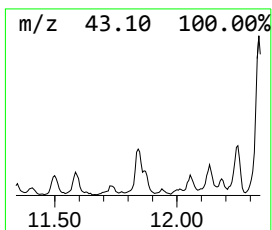
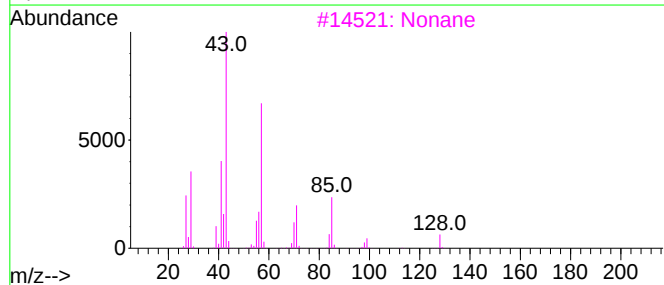
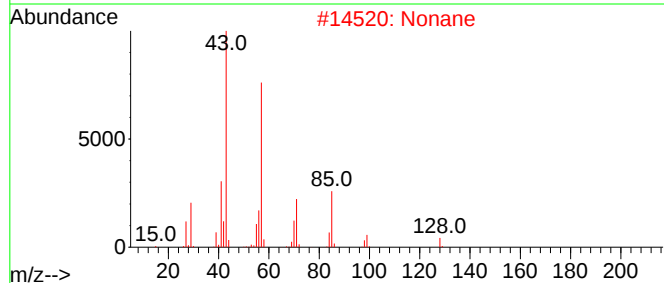
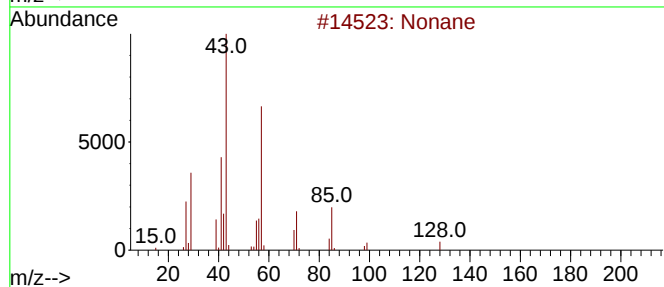
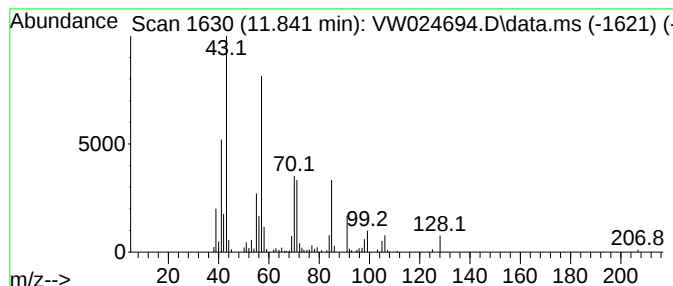
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.841	1.49 ug/L	100136	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane			128	C9H20	000111-84-2	81
2	Nonane			128	C9H20	000111-84-2	74
3	Nonane			128	C9H20	000111-84-2	58
4	Nonane			128	C9H20	000111-84-2	58
5	Undecane			156	C11H24	001120-21-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

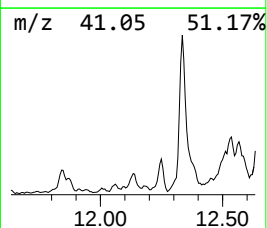
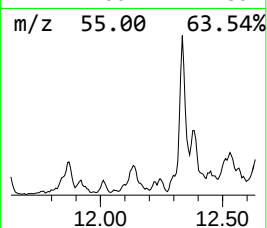
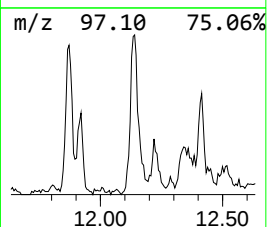
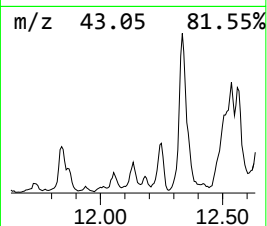
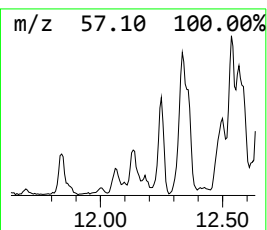
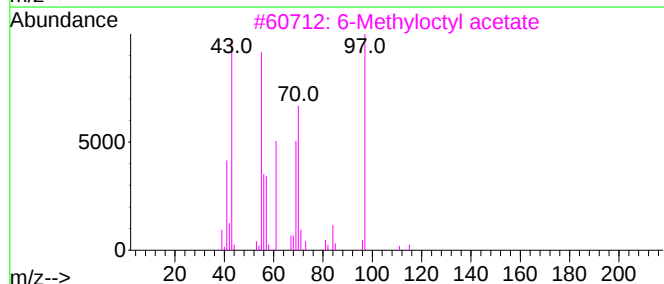
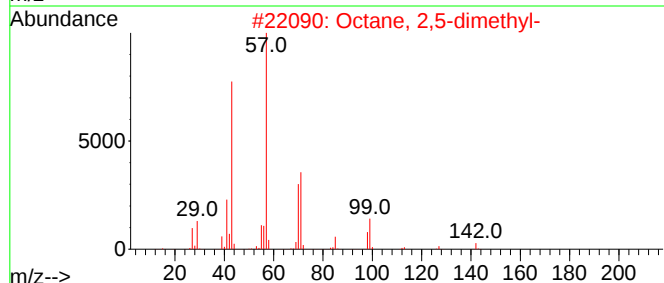
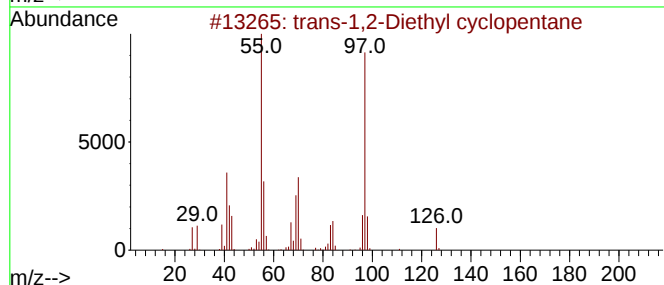
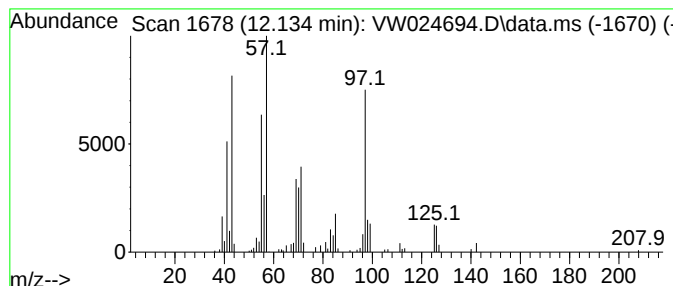
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Cyclic12.134 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.134	1.45 ug/L	97728	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	52
2			Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	43
3			6-Methyloctyl acetate	186	C11H22O2	1000439-66-5	38
4			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	38
5			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

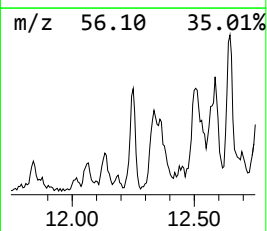
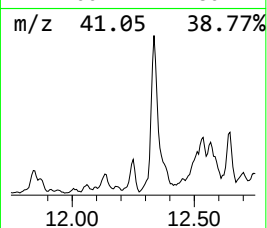
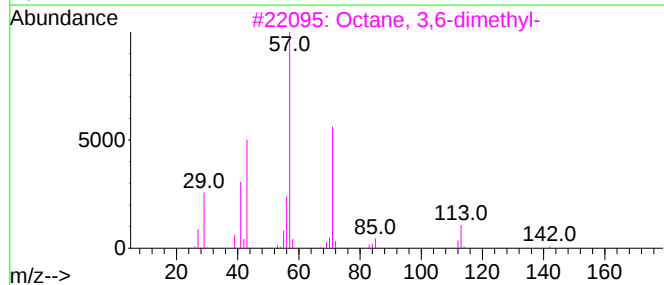
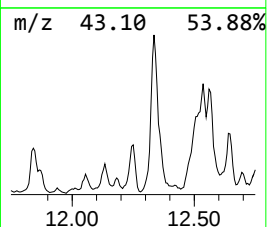
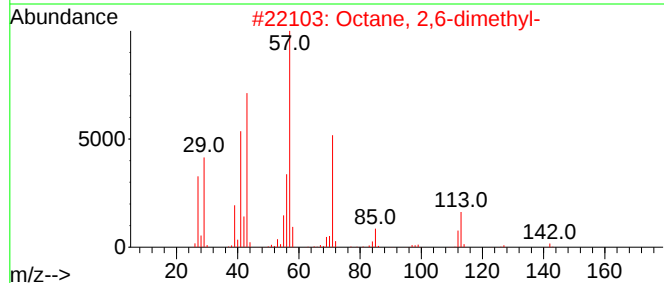
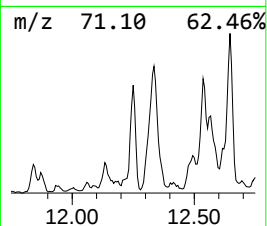
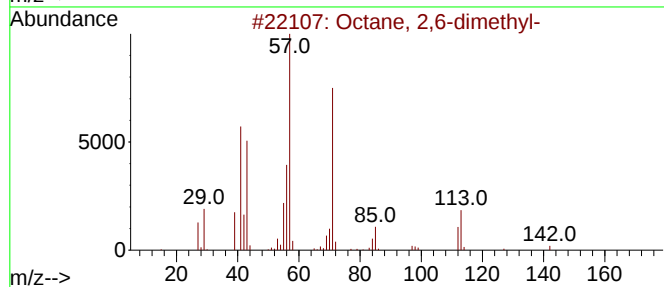
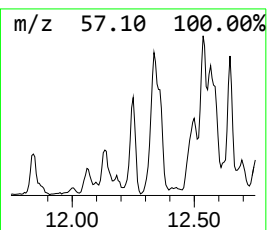
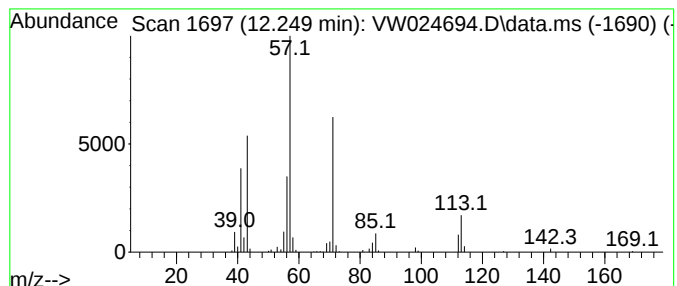
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.249	1.74 ug/L	116958	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	91
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

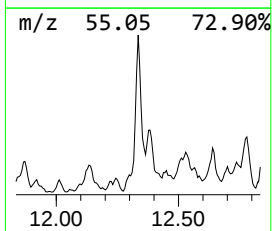
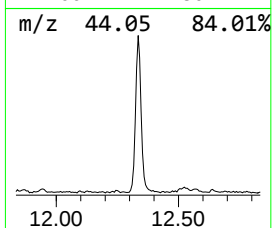
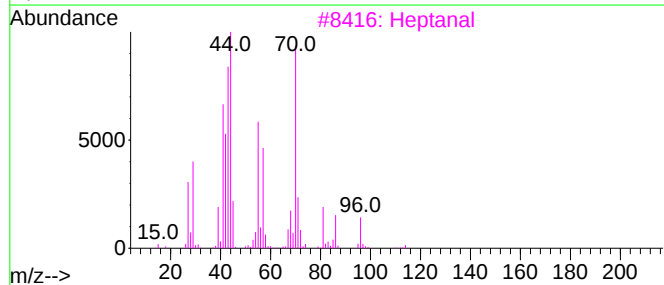
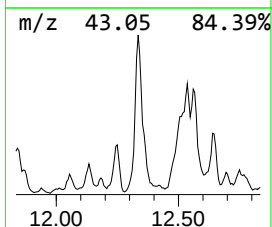
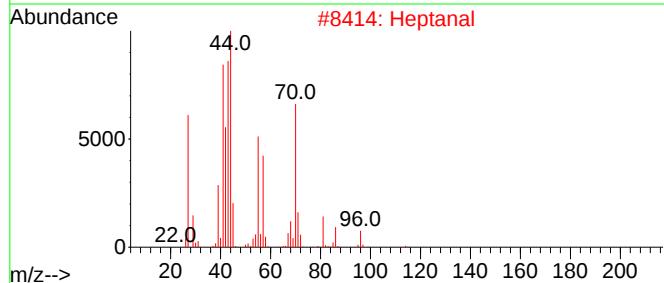
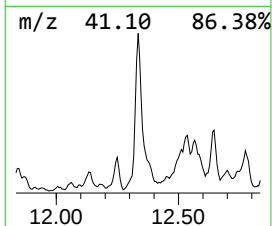
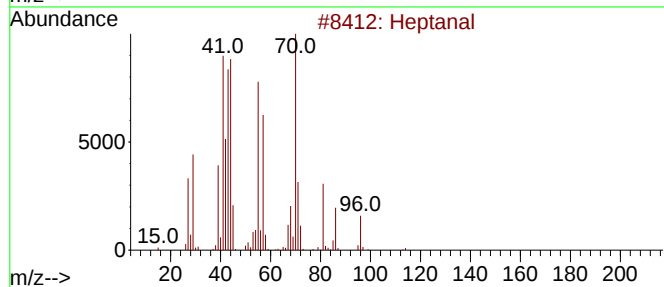
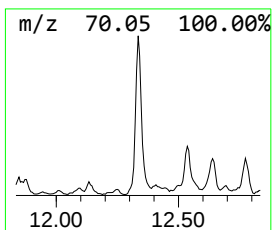
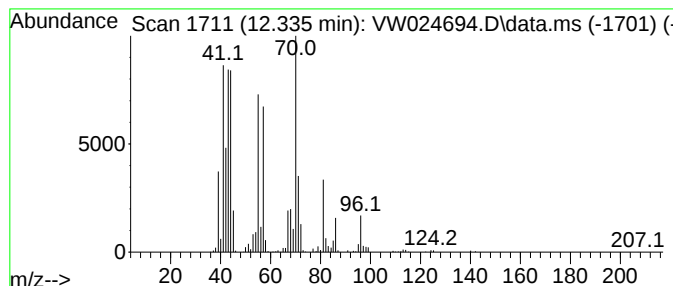
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Quant Title : SFAM01.0

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

Peak Number 13 Heptanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.335	11.48 ug/L	772652	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptanal	114	C7H14O	000111-71-7	96
2			Heptanal	114	C7H14O	000111-71-7	90
3			Heptanal	114	C7H14O	000111-71-7	87
4			Heptanal	114	C7H14O	000111-71-7	58
5			Oxirane, 2-(1,1-dimethylethyl)-3...	114	C7H14O	053897-30-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

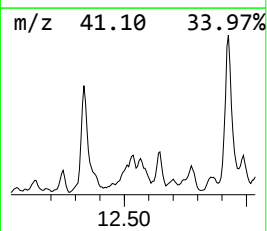
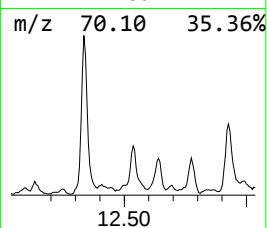
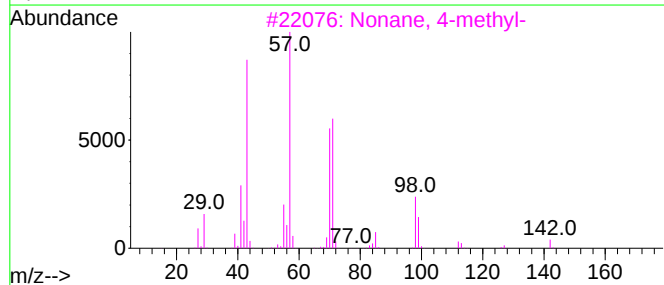
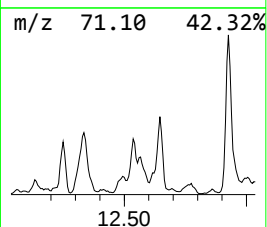
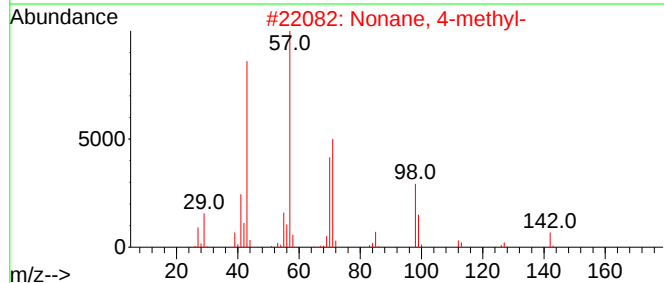
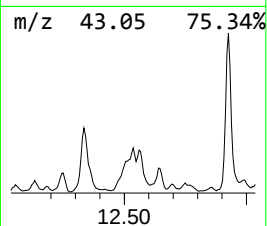
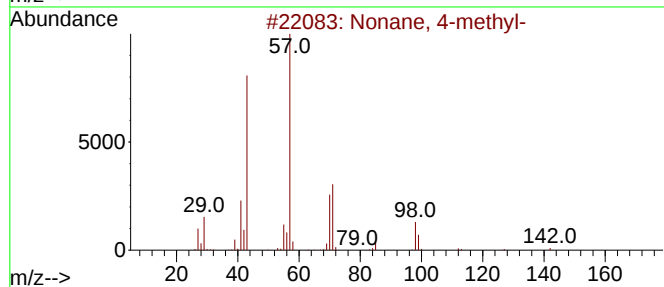
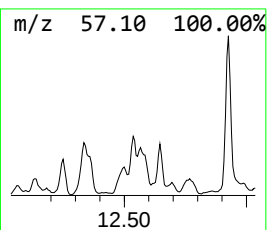
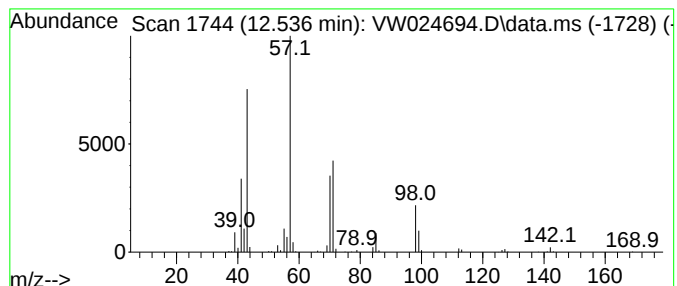
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.536	4.91 ug/L	330660	Chlorobenzene-d5	11.628

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 4-methyl-	142	C10H22	017301-94-9	91
2		Nonane, 4-methyl-	142	C10H22	017301-94-9	83
3		Nonane, 4-methyl-	142	C10H22	017301-94-9	59
4		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	59
5		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

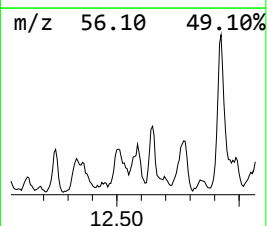
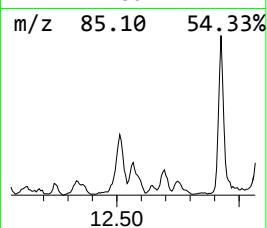
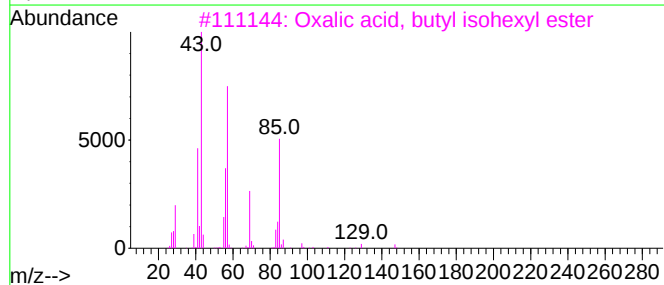
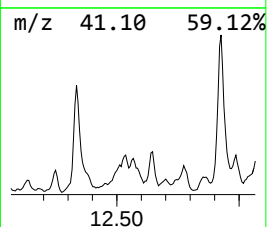
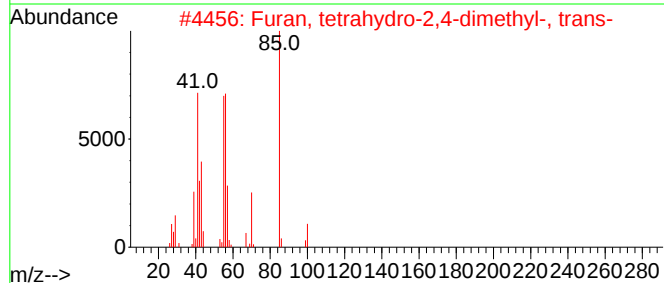
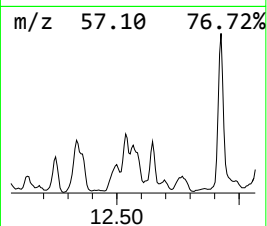
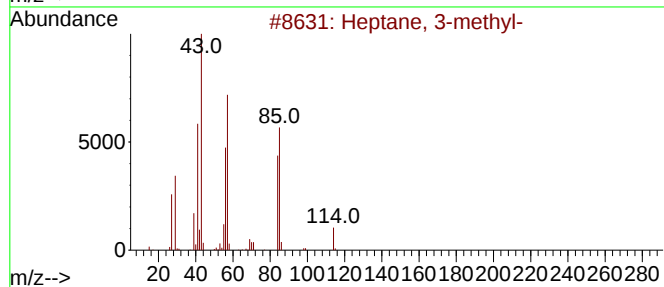
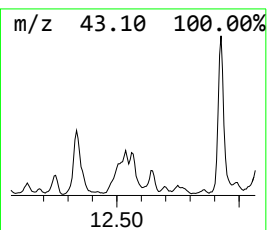
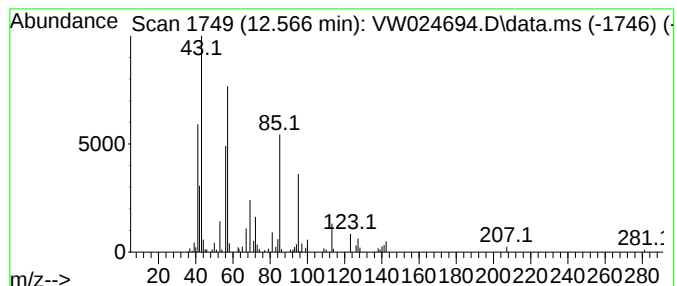
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.567	3.00 ug/L	202037	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-methyl-	114	C8H18	000589-81-1	47
2			Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-02-0	43
3			Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	38
4			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38
5			Oxetane, 2-ethyl-3-methyl-	100	C6H12O	053778-62-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

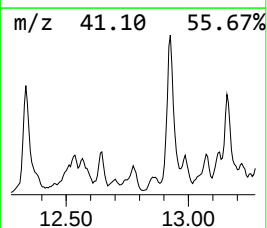
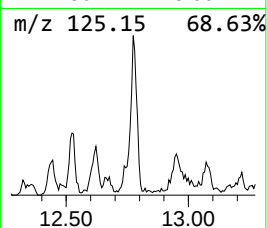
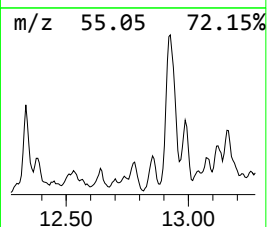
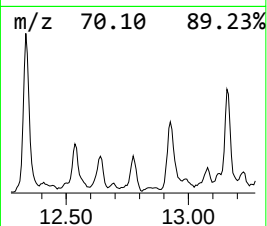
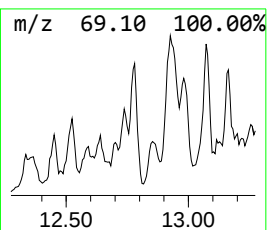
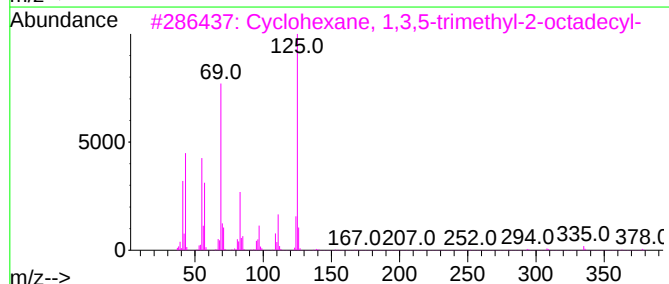
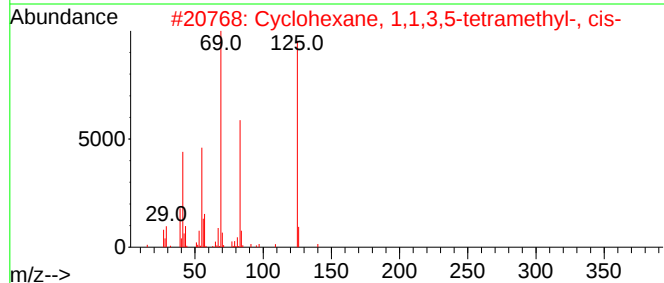
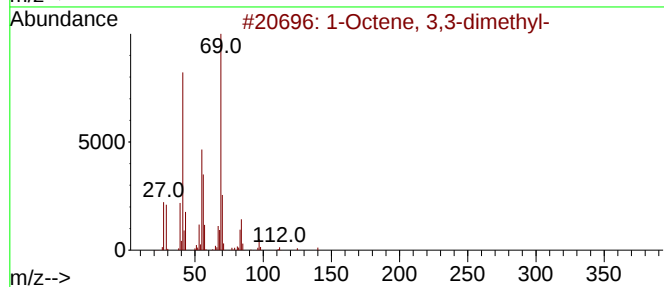
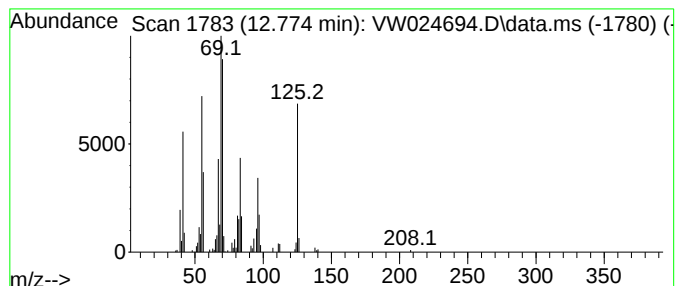
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.774	3.45 ug/L	188334	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	38
2		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	38
3		Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	35
4		2-Undecene, 9-methyl-, (E)-	168	C12H24	074630-46-9	35
5		1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

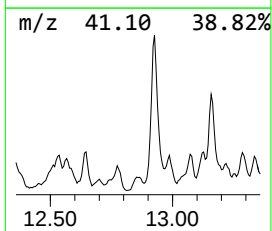
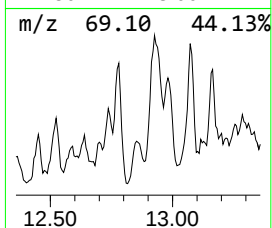
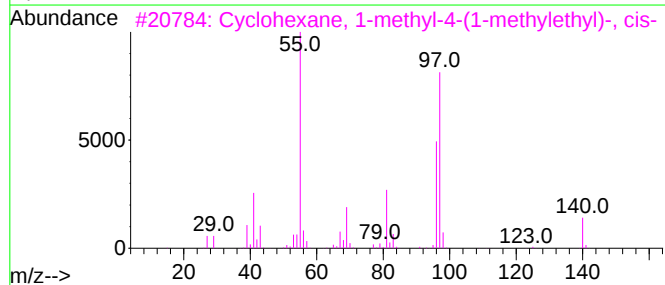
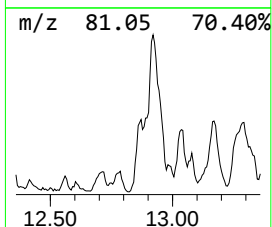
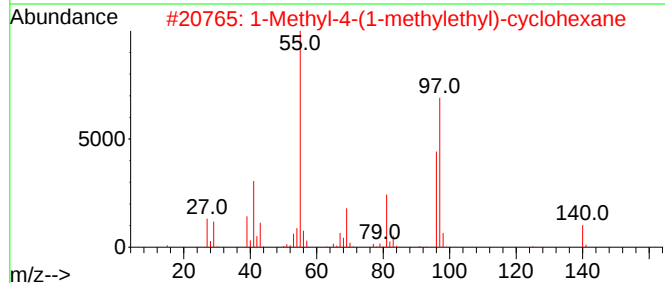
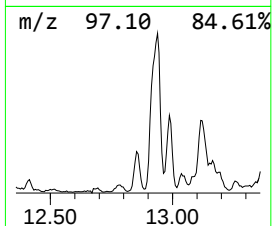
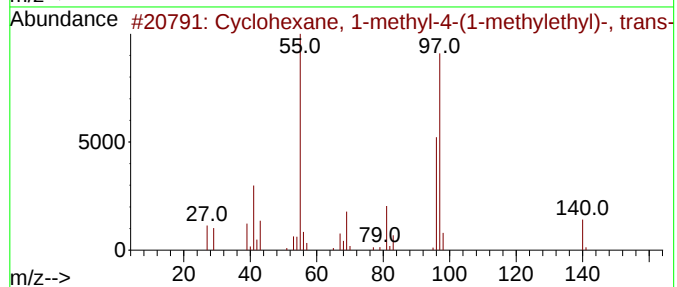
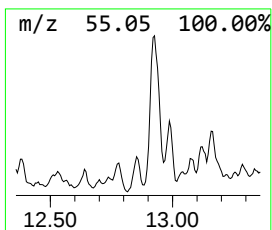
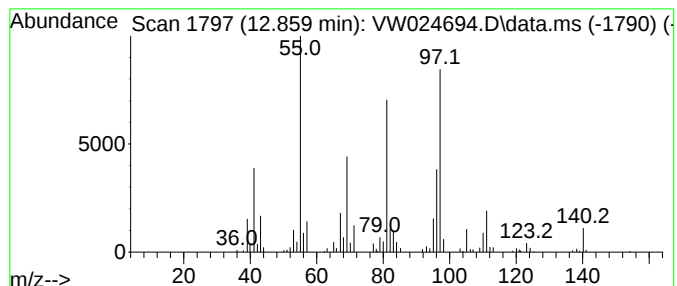
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Cyclic12.859 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	2.63 ug/L	143412	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	76
2			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	76
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	68
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	64
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

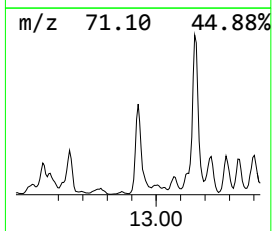
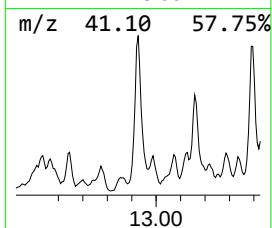
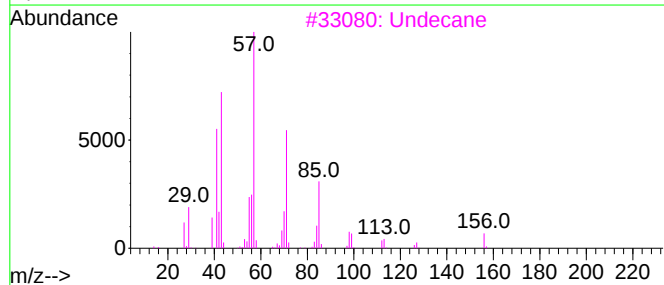
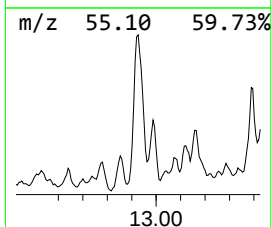
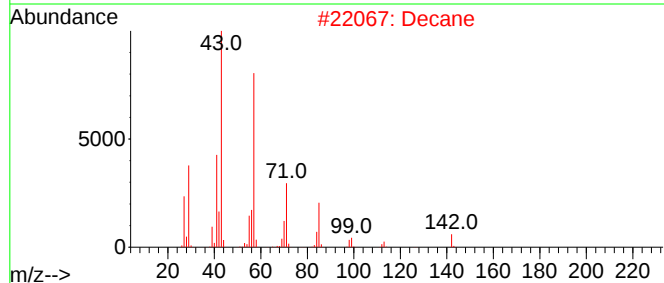
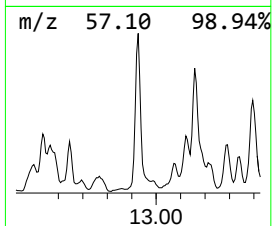
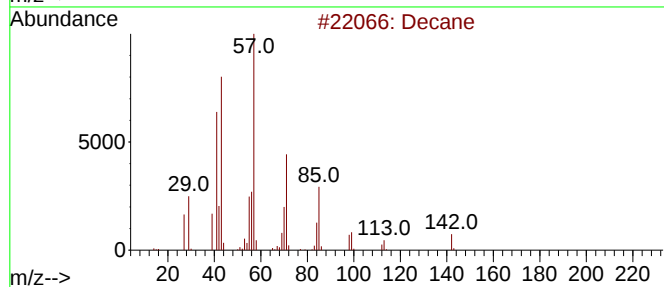
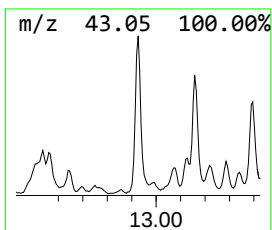
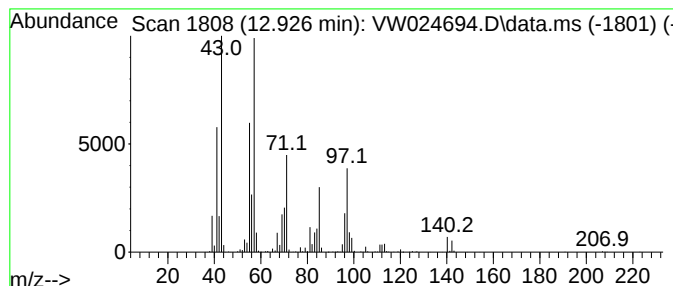
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.926	19.77 ug/L	1079310	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	95
2			Decane	142	C10H22	000124-18-5	94
3			Undecane	156	C11H24	001120-21-4	58
4			Decane	142	C10H22	000124-18-5	49
5			Tridecane	184	C13H28	000629-50-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

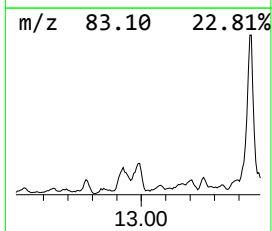
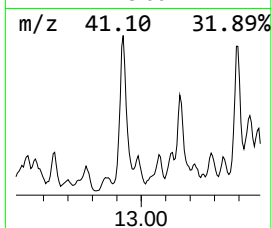
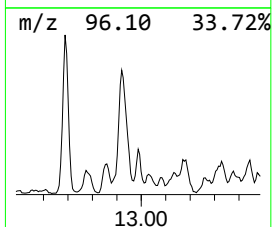
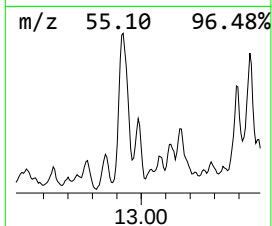
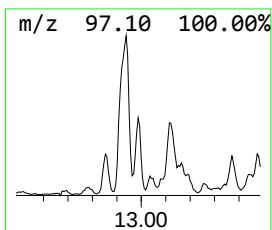
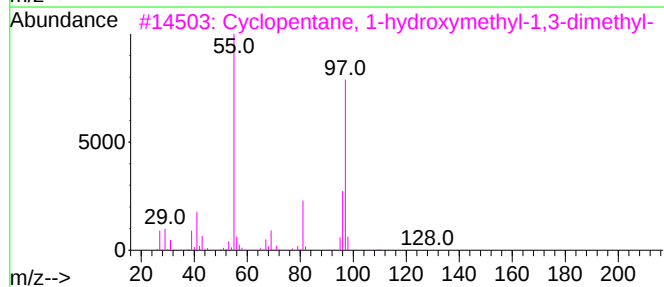
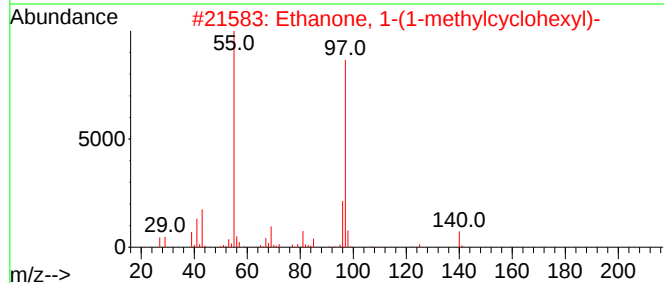
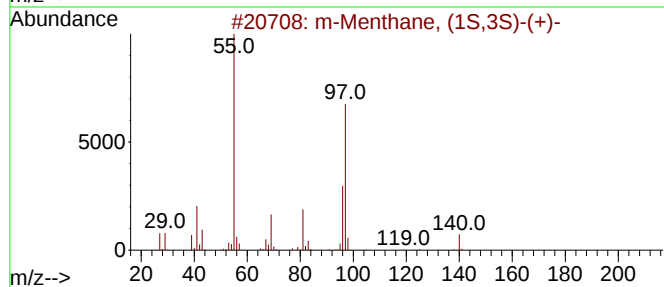
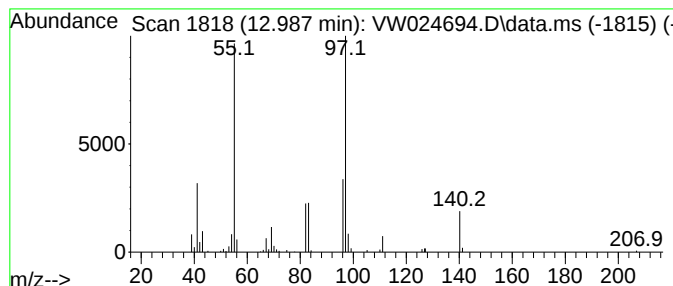
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.987	2.54 ug/L	138605	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	64
2			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	59
3			Cyclopentane, 1-hydroxymethyl-1,...	128	C8H16O	1000156-73-8	53
4			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	53
5			Oxalic acid, di(cyclohexylmethyl-...	282	C16H26O4	1000309-68-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

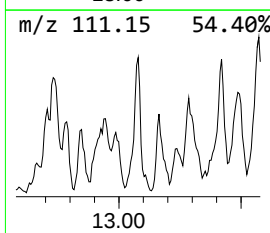
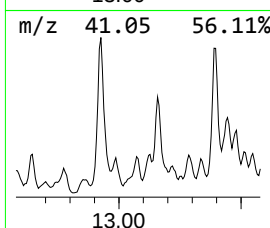
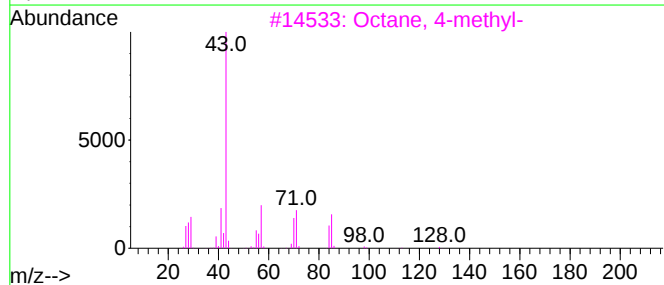
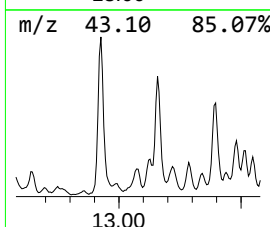
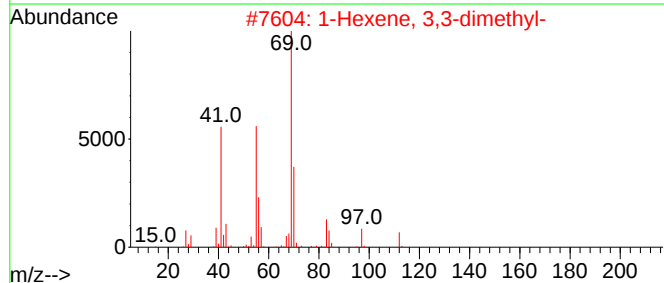
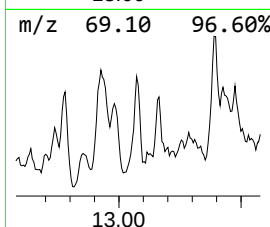
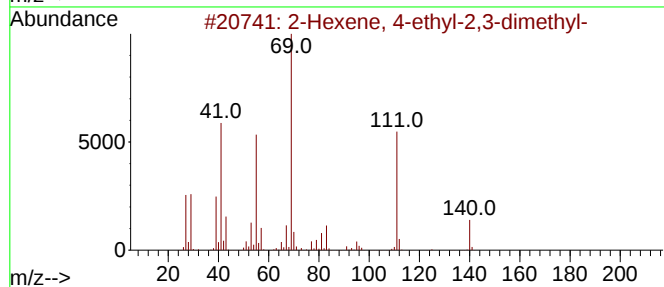
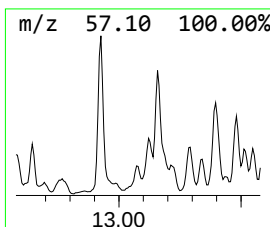
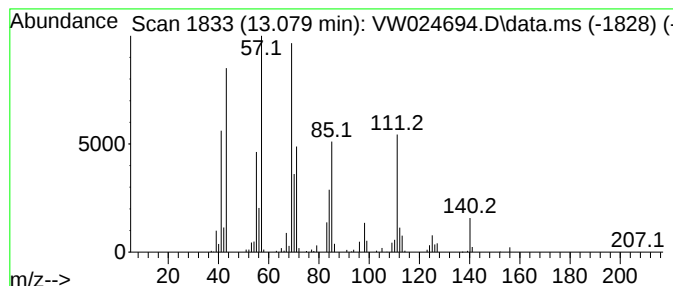
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Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.079	2.24 ug/L	122212	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	38	
2	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38	
3	Octane, 4-methyl-	128	C9H20	002216-34-4	35	
4	3-Methyl-3-hexene	98	C7H14	003404-65-7	30	
5	Heptane, 2-methyl-3-methylene-	126	C9H18	062187-11-5	27	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

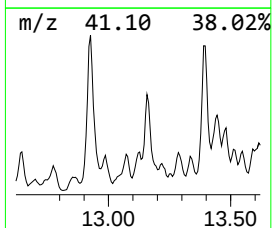
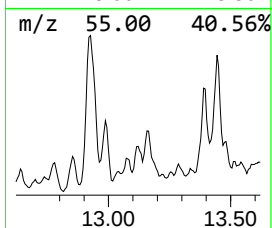
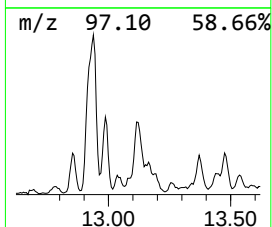
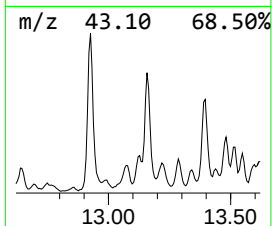
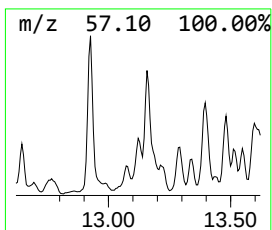
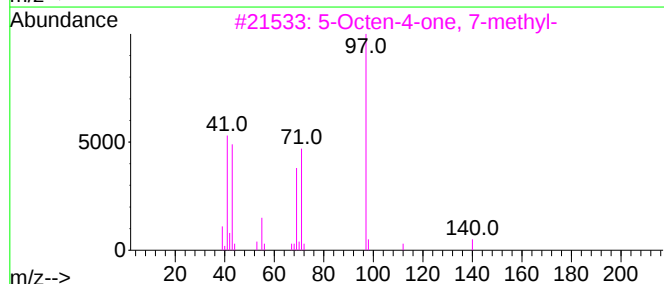
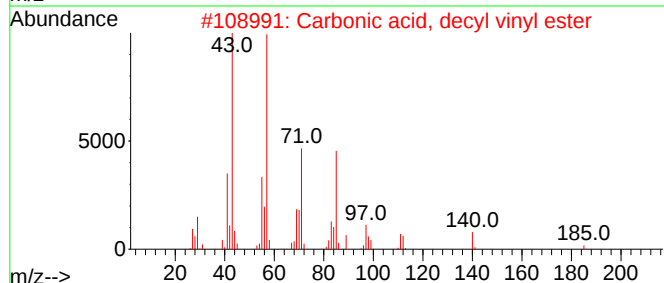
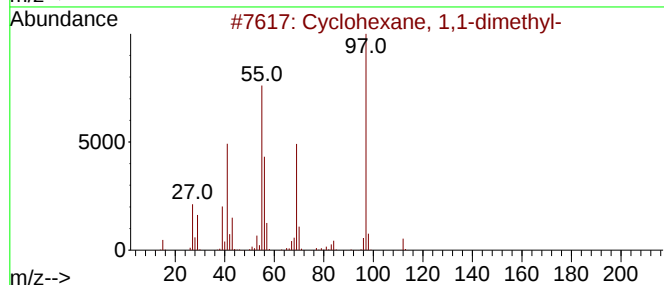
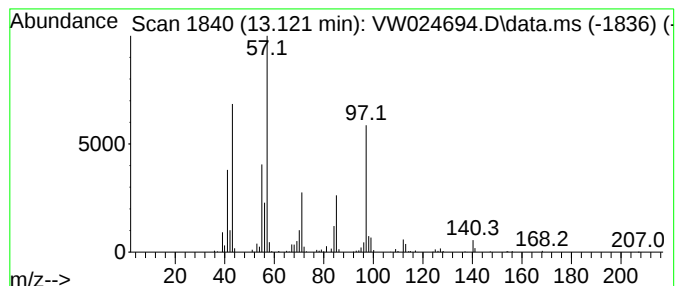
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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Cyclic13.121 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.121	3.19 ug/L	173925	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	46
2			Carbonic acid, decyl vinyl ester	228	C13H24O3	1000383-25-7	43
3			5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	38
4			Undecane	156	C11H24	001120-21-4	38
5			Oxalic acid, butyl 6-ethyloct-3-...	286	C16H30O4	1000309-34-2	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

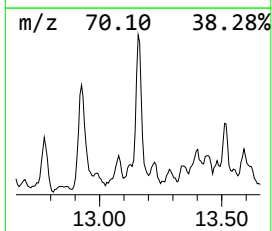
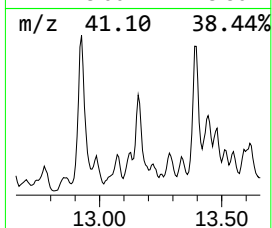
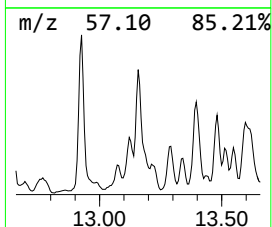
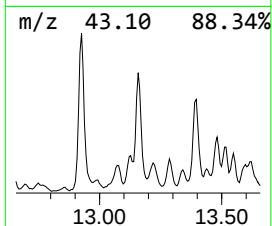
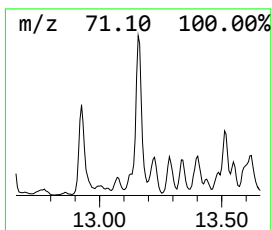
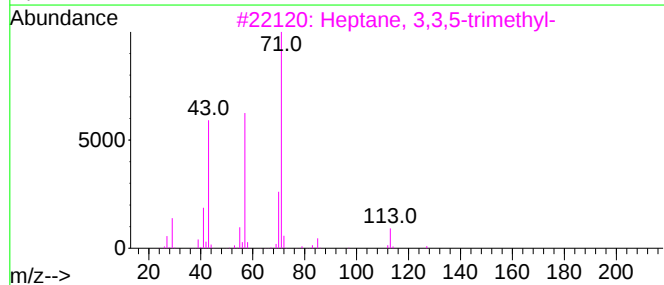
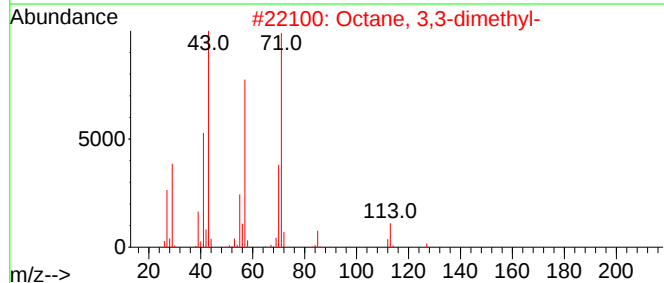
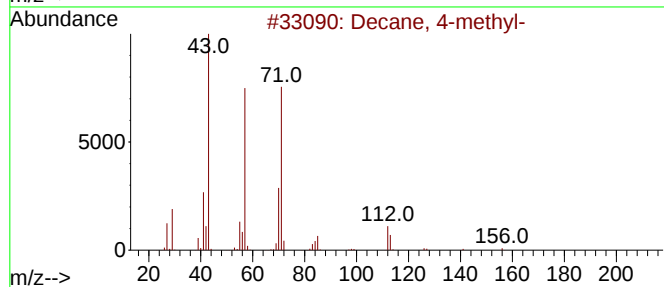
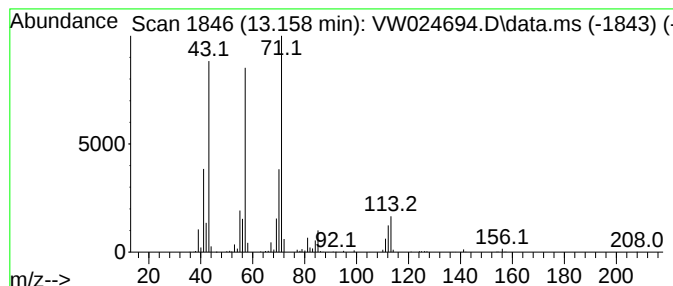
Instrument :
MSVOA_W
ClientSampleId :
BGSF8

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Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.158	8.65 ug/L	472283	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-		156	C11H24	002847-72-5	91
2	Octane, 3,3-dimethyl-		142	C10H22	004110-44-5	78
3	Heptane, 3,3,5-trimethyl-		142	C10H22	007154-80-5	72
4	Sulfurous acid, isobutyl 2-penty...		208	C9H20O3S	1000309-15-2	72
5	Decane, 4-methyl-		156	C11H24	002847-72-5	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

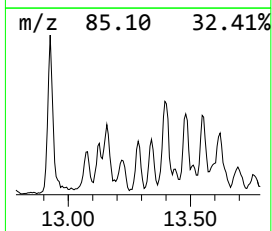
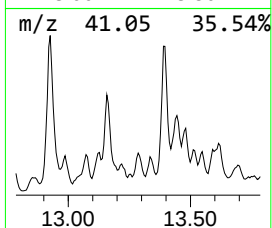
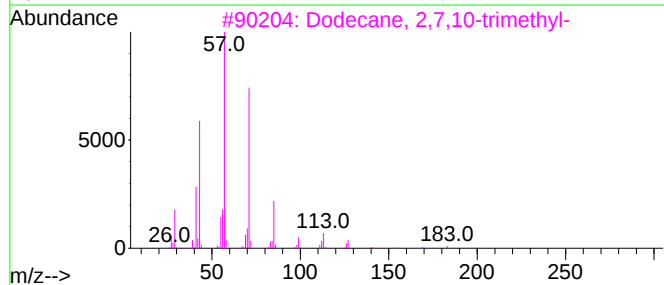
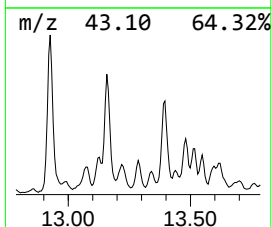
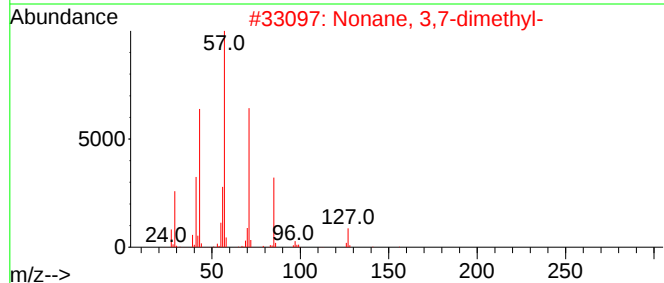
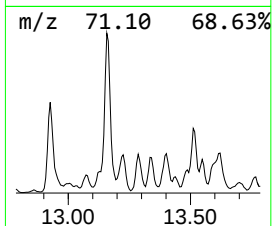
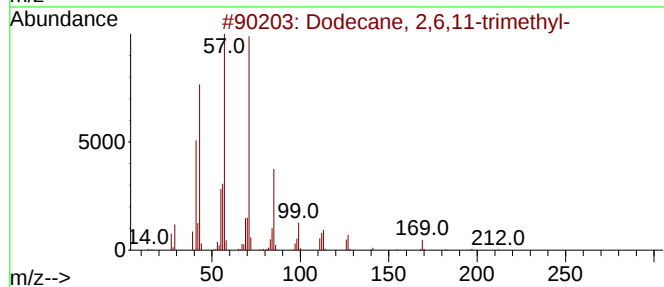
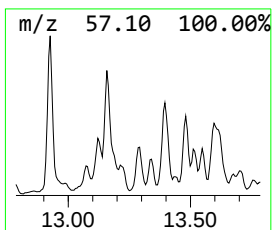
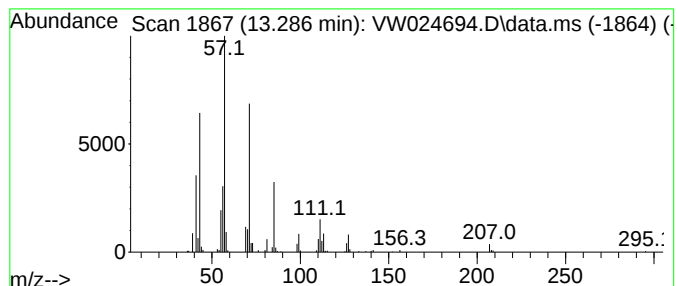
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Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	2.48 ug/L	135280	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58
5			Decane, 2-methyl-	156	C11H24	006975-98-0	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

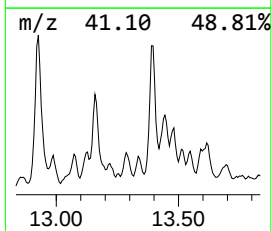
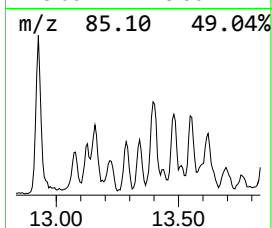
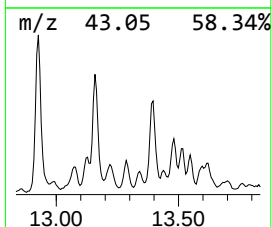
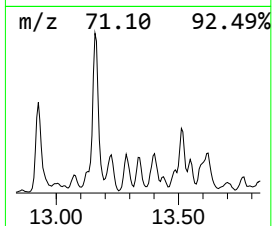
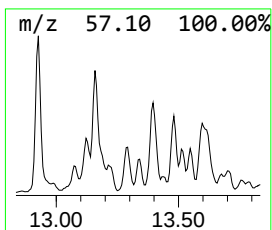
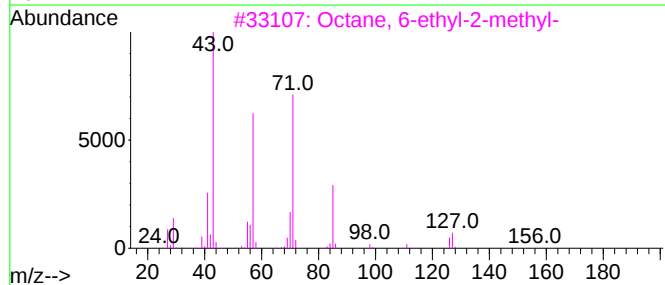
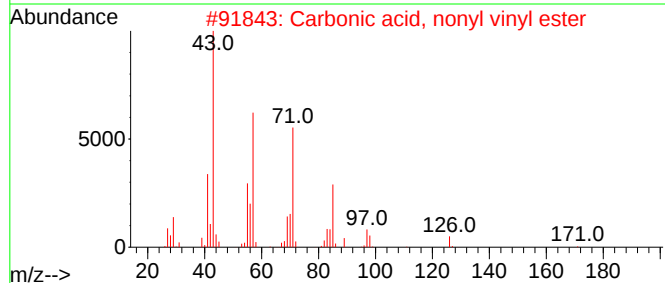
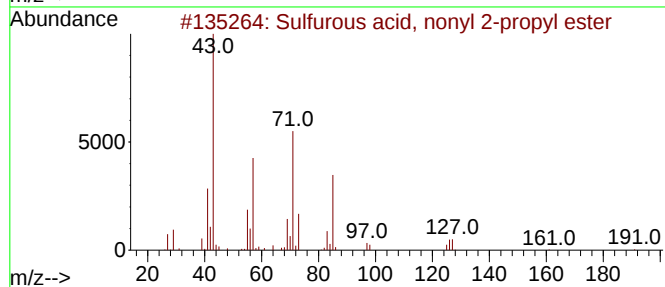
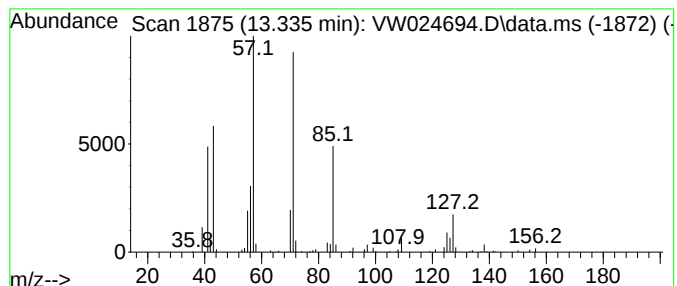
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Quant Title : SFAM01.0

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

Peak Number 24 Sulfurous acid, nonyl 2-pro... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.335	1.31 ug/L	71501	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	78
2			Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	72
3			Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	64
4			Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	59
5			Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

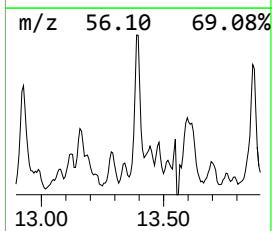
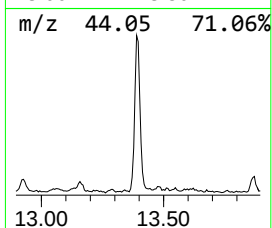
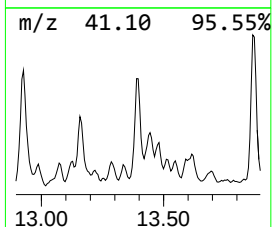
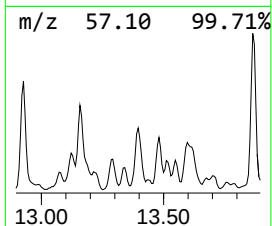
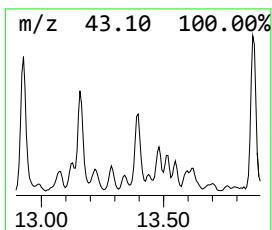
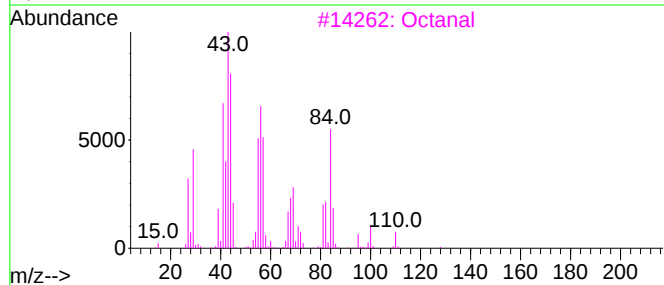
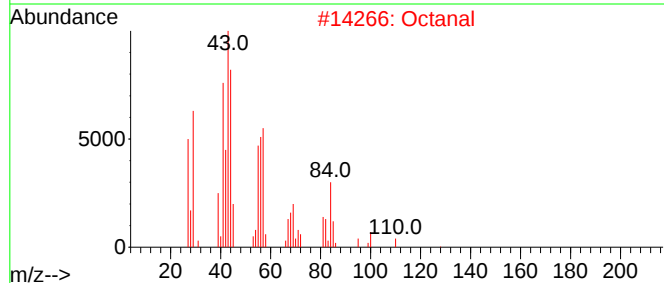
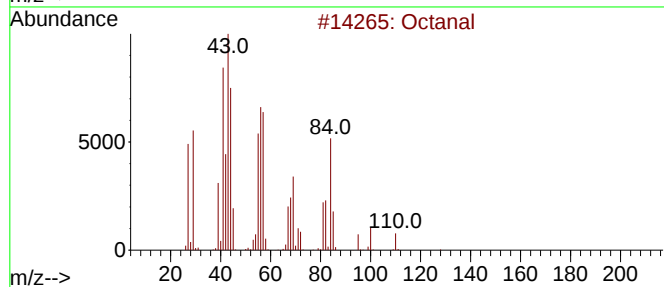
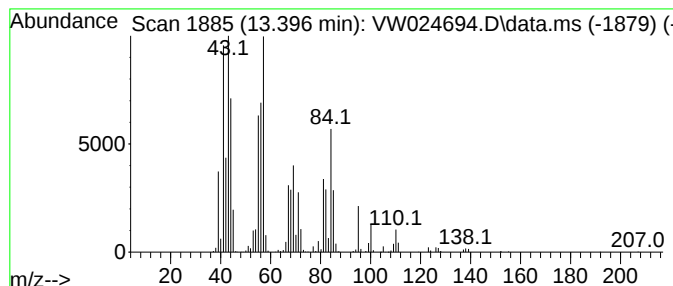
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Quant Title : SFAM01.0

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

Peak Number 25 Octanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.396	13.68 ug/L	747068	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	94
2	Octanal			128	C8H16O	000124-13-0	94
3	Octanal			128	C8H16O	000124-13-0	93
4	Octanal			128	C8H16O	000124-13-0	93
5	Octanal			128	C8H16O	000124-13-0	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

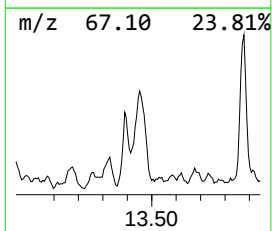
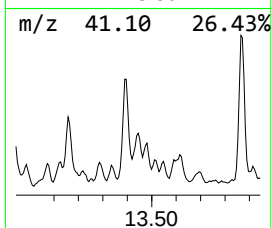
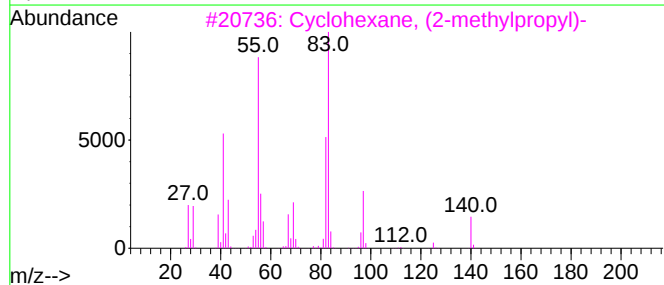
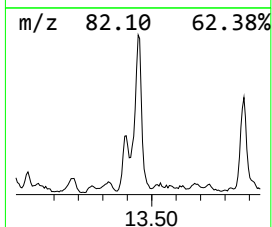
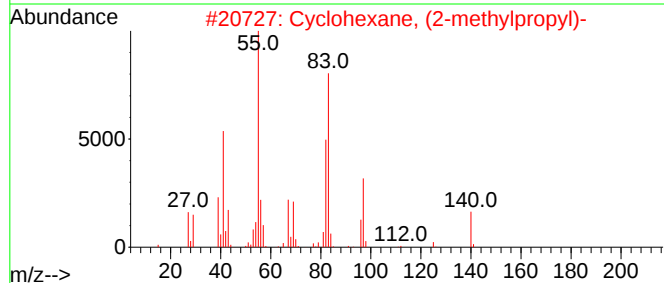
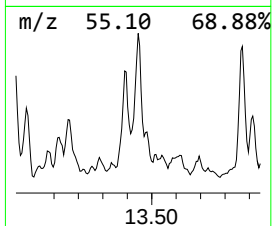
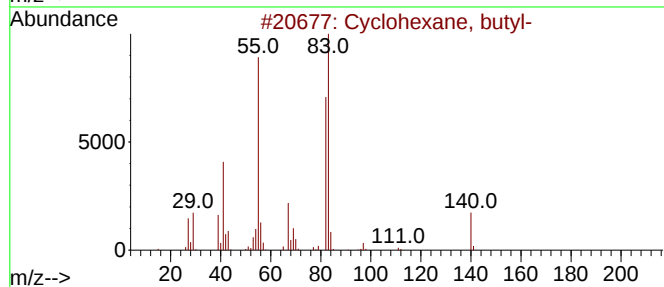
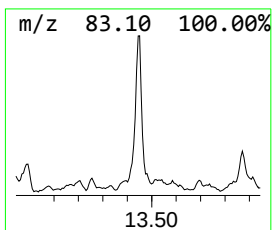
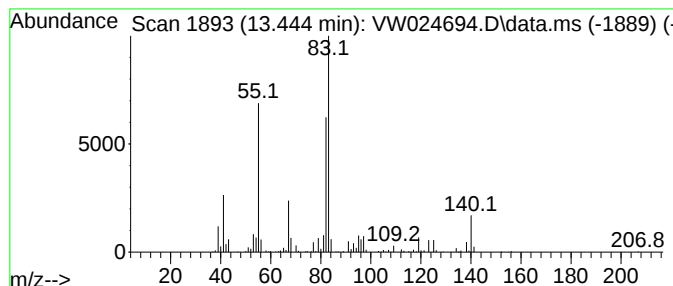
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Quant Title : SFAM01.0

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

Peak Number 26 (DEL) Alkane: Cyclic13.444 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.444	4.66 ug/L	254681	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	72
2			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
3			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
5			3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

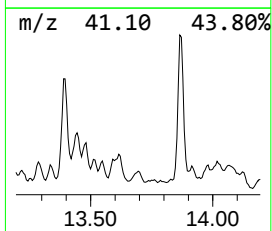
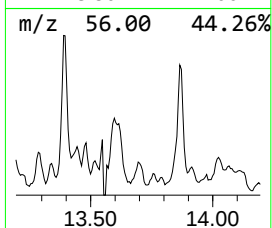
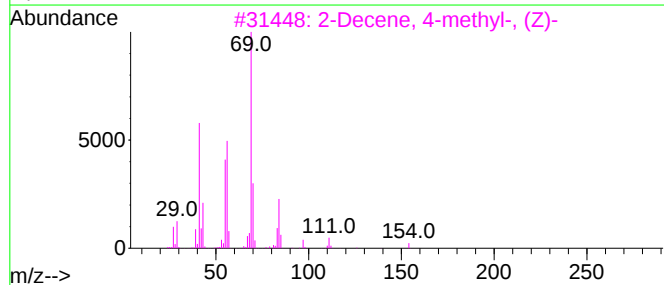
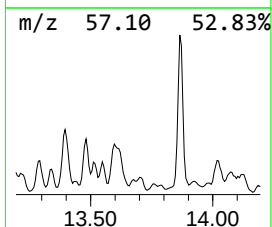
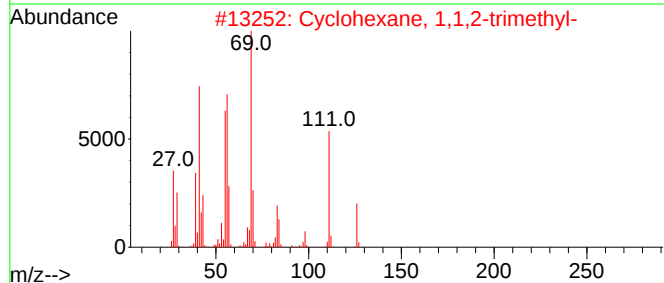
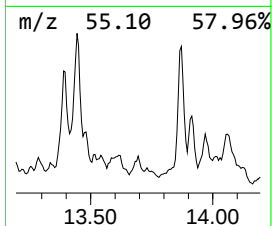
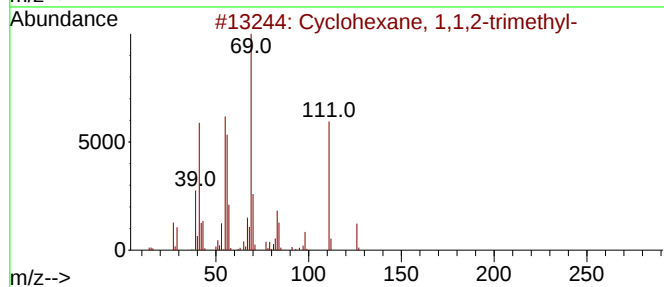
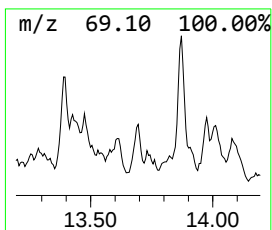
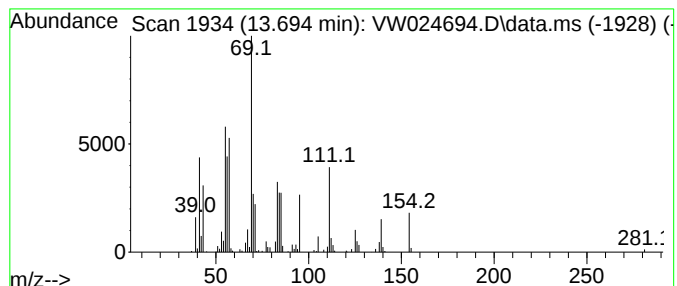
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Quant Title : SFAM01.0

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

Peak Number 27 (DEL) Alkane: Cyclic13.694 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.694	2.36 ug/L	128931	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	58
2		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	52
3		2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	50
4		Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	50
5		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

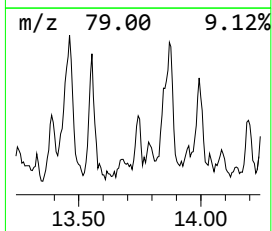
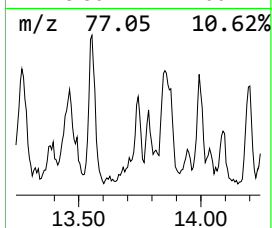
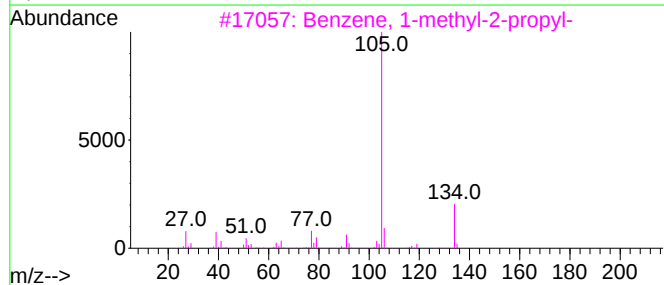
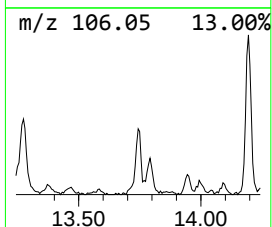
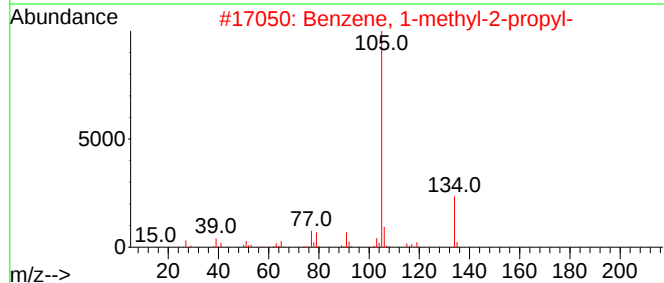
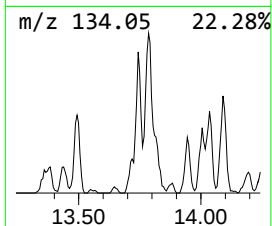
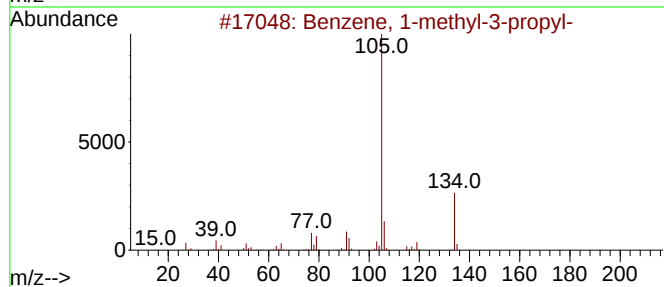
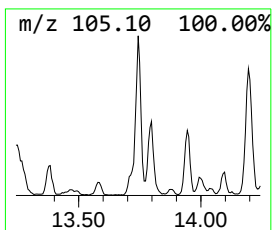
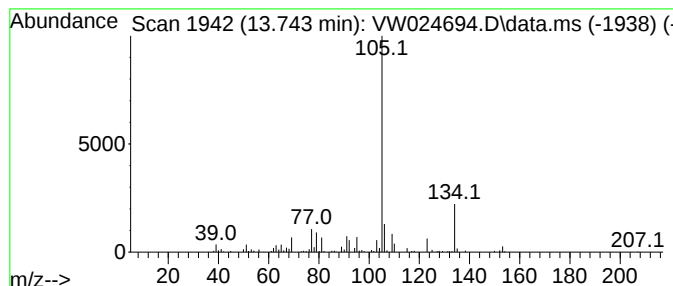
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Quant Title : SFAM01.0

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

Peak Number 28 Benzene, 1-methyl-3-propyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.743	1.56 ug/L	85347	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	76
2			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	76
3			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64
4			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64
5			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

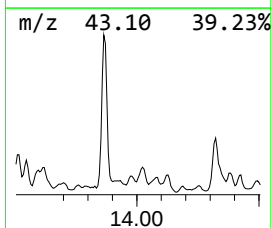
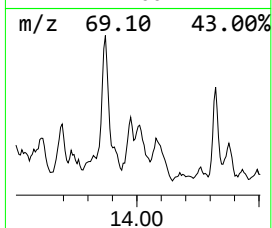
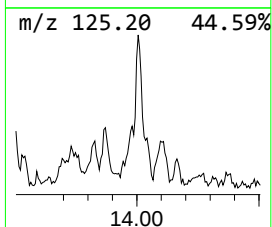
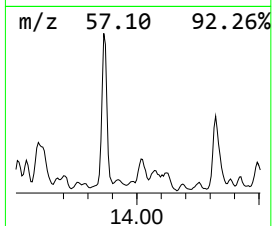
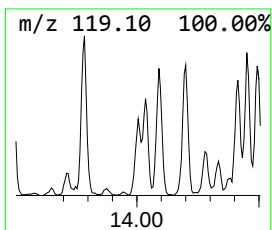
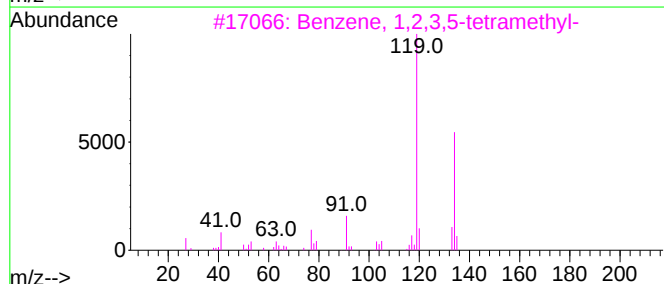
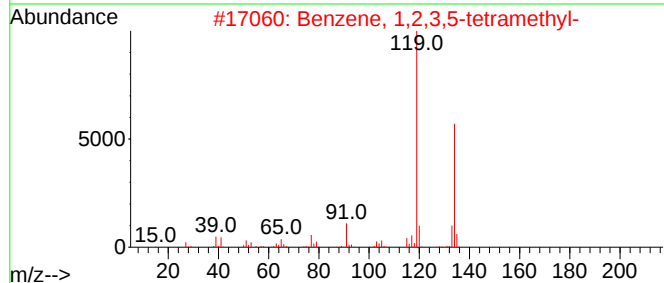
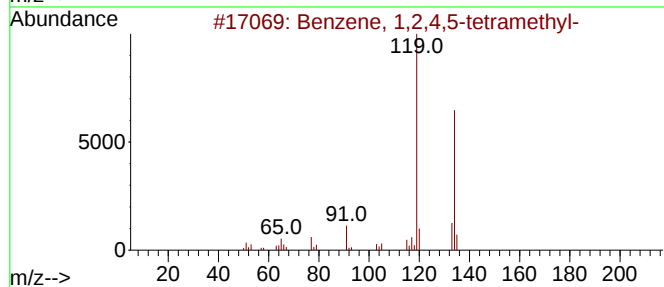
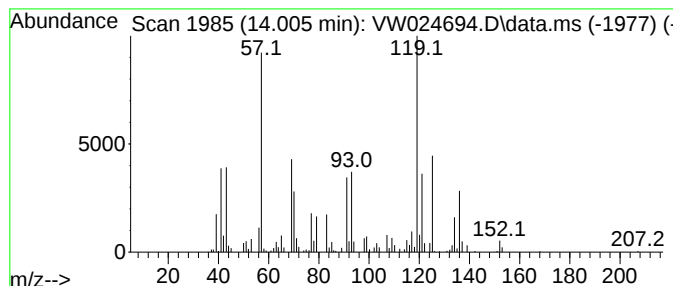
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Quant Title : SFAM01.0

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

Peak Number 29 unknown-04 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.005	5.26 ug/L	287399	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	42
2			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	42
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	42
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	42
5			1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

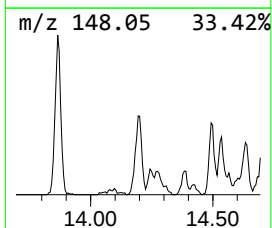
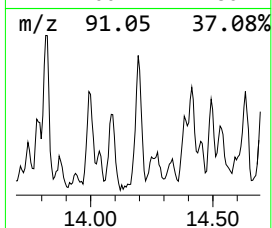
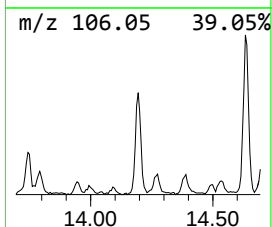
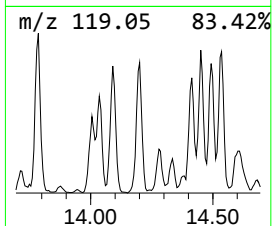
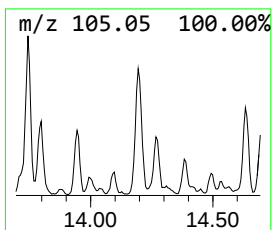
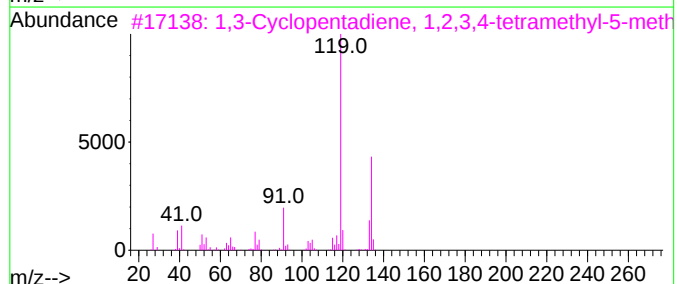
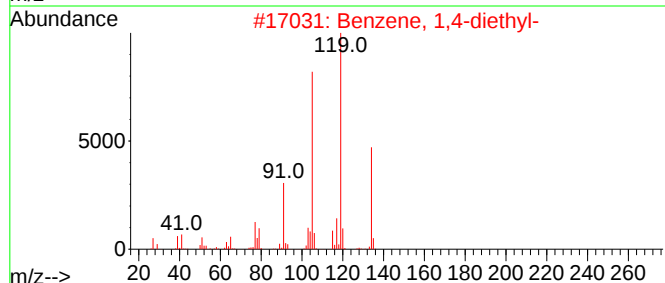
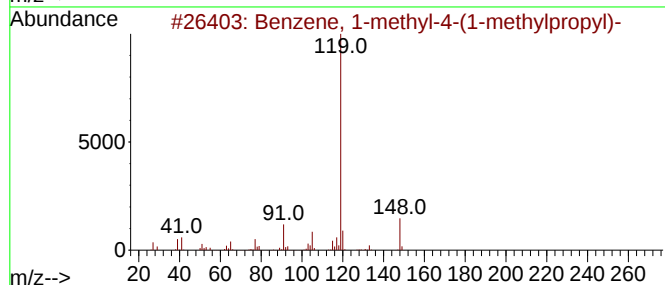
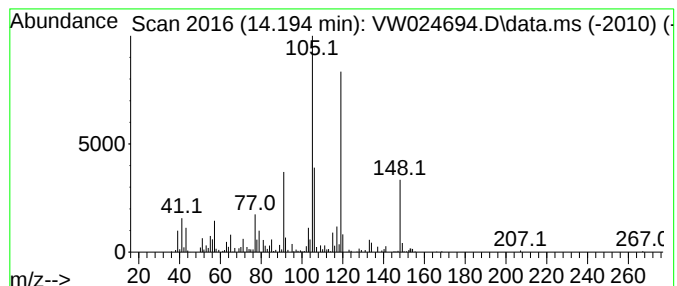
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Quant Title : SFAM01.0

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

Peak Number 30 Benzene, 1-methyl-4-(1-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.194	4.05 ug/L	221103	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	62
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	58
3			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	55
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	53
5			Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

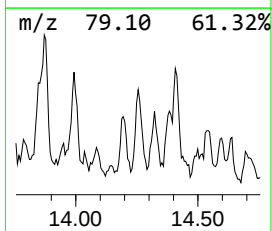
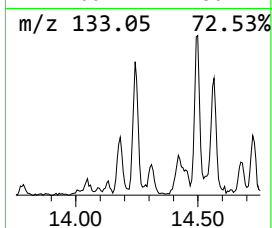
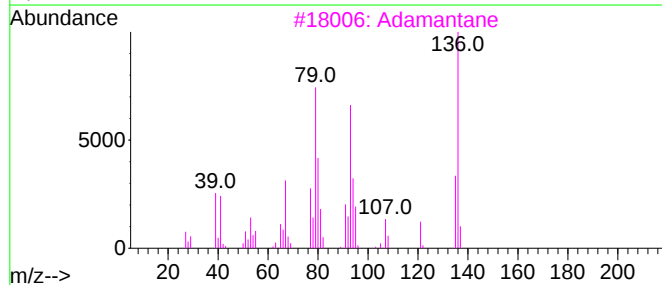
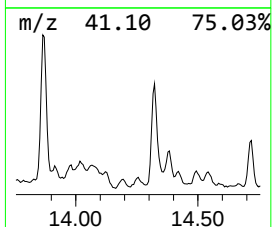
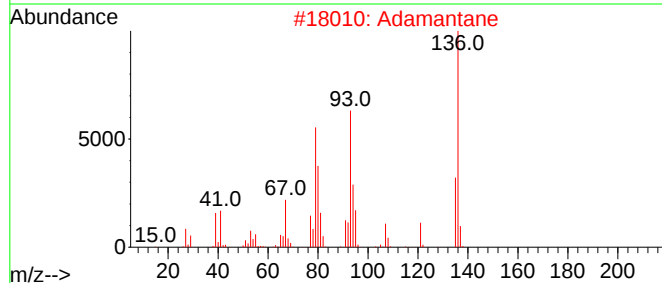
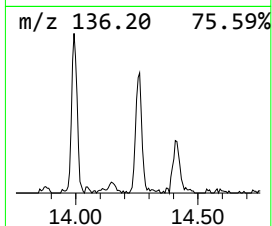
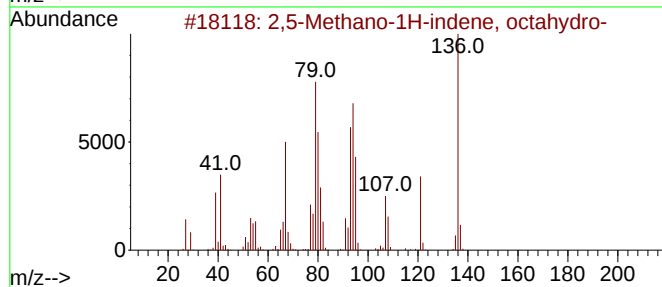
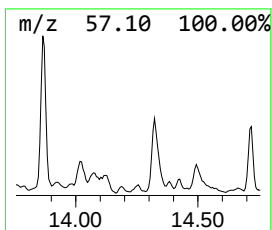
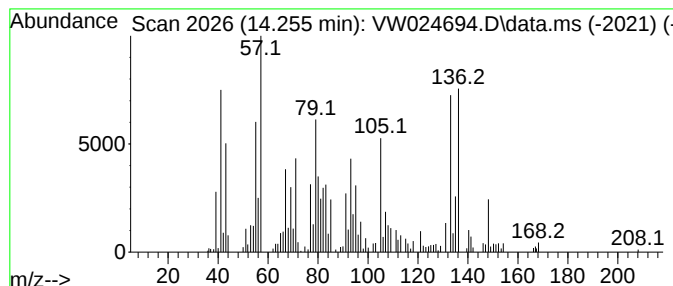
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Quant Title : SFAM01.0

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

Peak Number 31 2,5-Methano-1H-indene, octa... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.255	3.20 ug/L	174792	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,5-Methano-1H-indene, octahydro-	136	C10H16	019026-94-9	90
2		Adamantane	136	C10H16	000281-23-2	60
3		Adamantane	136	C10H16	000281-23-2	60
4		Adamantane	136	C10H16	000281-23-2	46
5		Adamantane	136	C10H16	000281-23-2	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

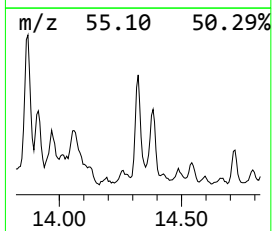
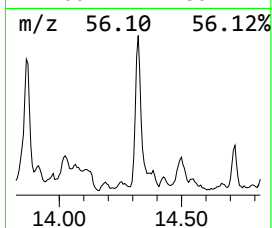
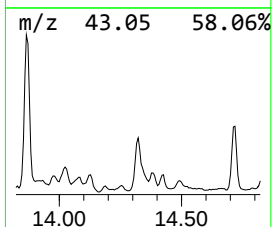
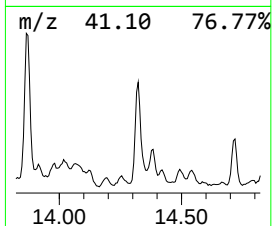
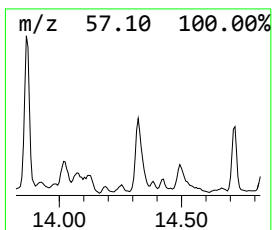
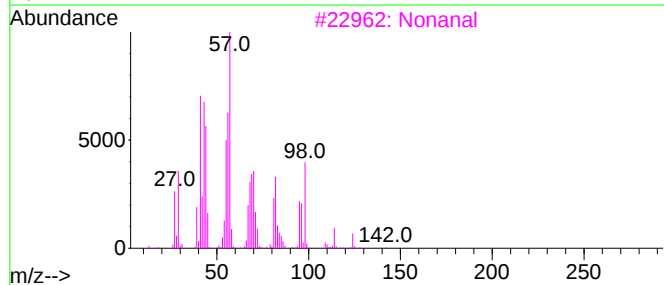
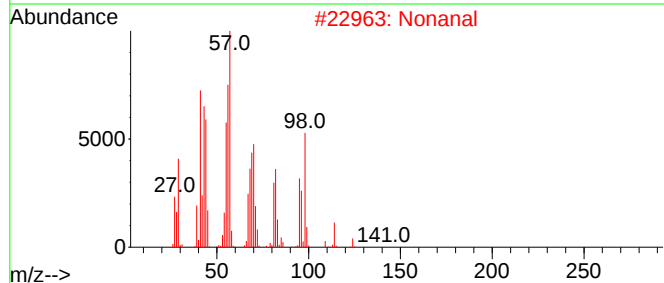
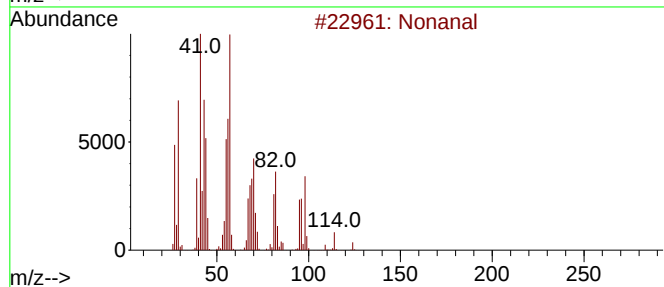
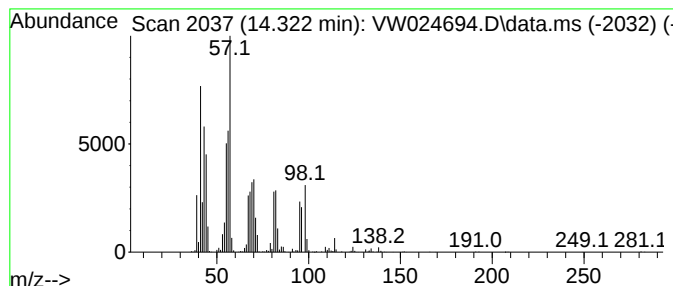
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Quant Title : SFAM01.0

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

Peak Number 32 Nonanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.322	13.65 ug/L	745391	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal			142	C9H18O	000124-19-6	91
2	Nonanal			142	C9H18O	000124-19-6	90
3	Nonanal			142	C9H18O	000124-19-6	86
4	Nonanal			142	C9H18O	000124-19-6	59
5	Cyclopentane, 1,2-dimethyl-			98	C7H14	002452-99-5	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

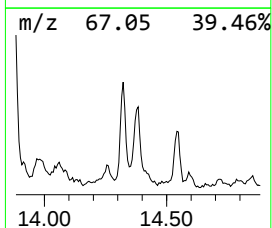
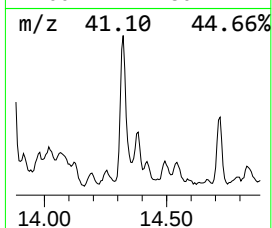
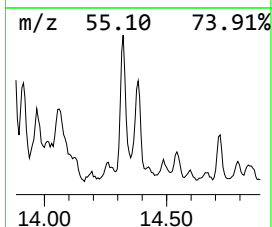
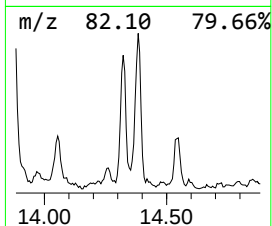
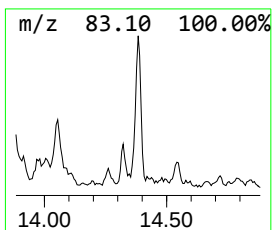
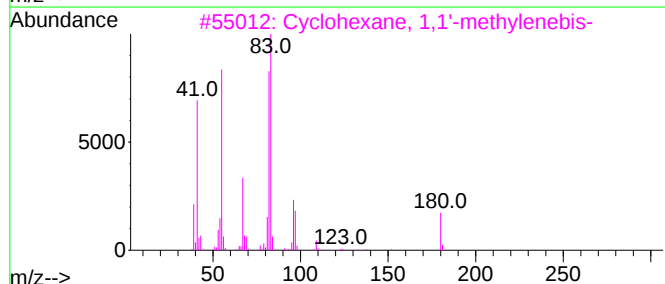
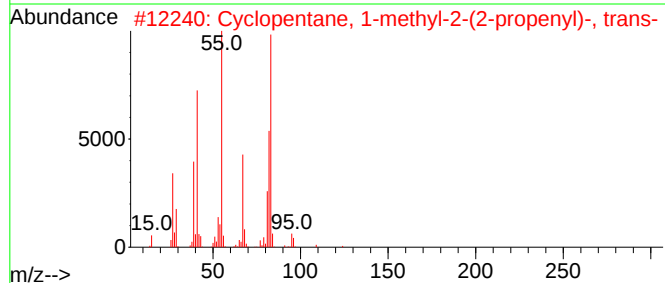
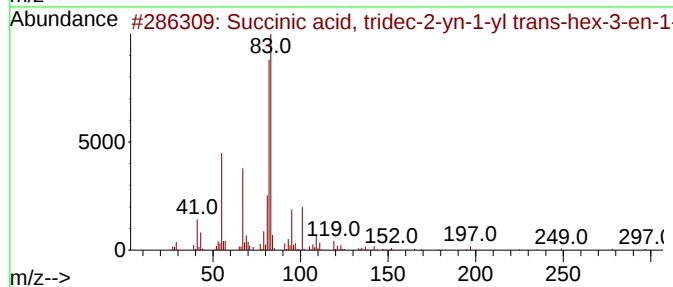
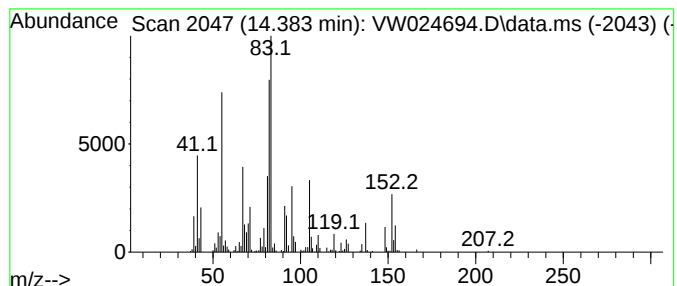
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Quant Title : SFAM01.0

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

Peak Number 33 Succinic acid, tridec-2-yn-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	6.41 ug/L	349859	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Succinic acid, tridec-2-yn-1-yl ...	378	C23H38O4	1000391-12-6	53
2			Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	52
3			Cyclohexane, 1,1'-methylenebis-	180	C13H24	003178-23-2	50
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

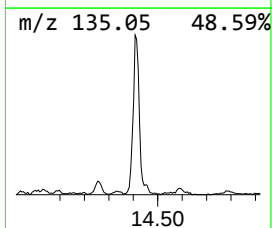
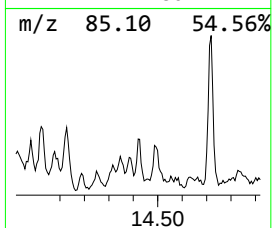
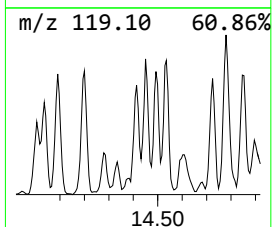
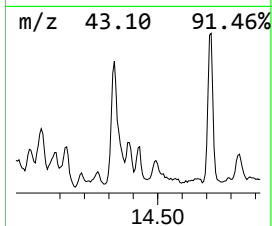
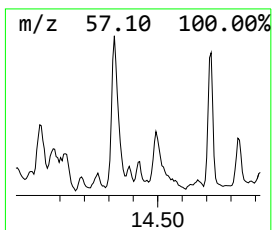
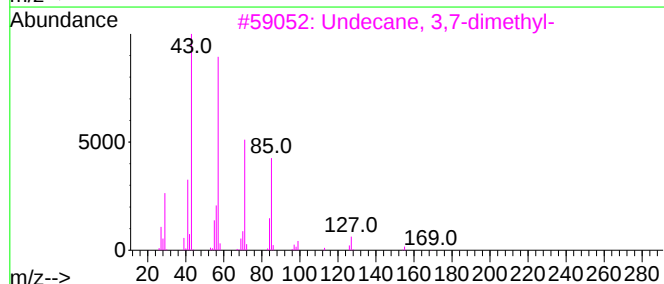
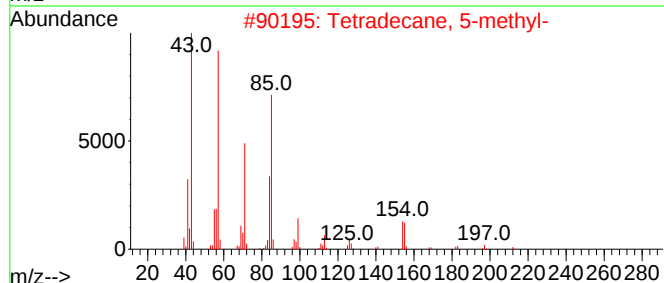
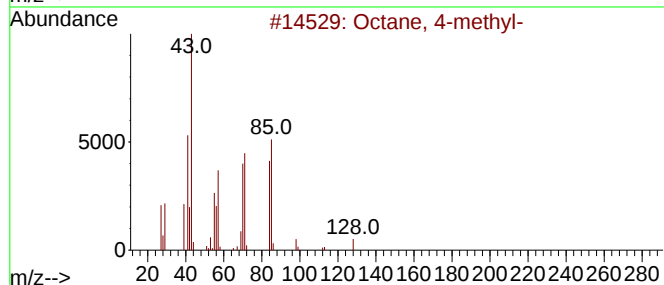
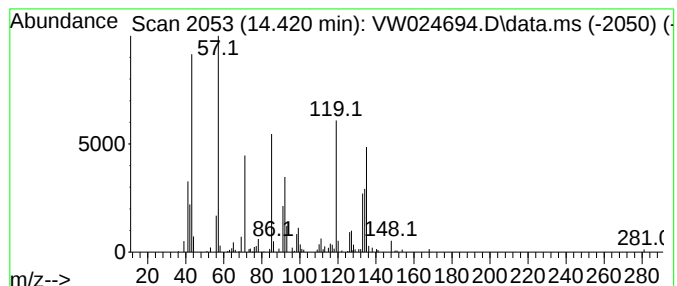
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Quant Title : SFAM01.0

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.420	2.94 ug/L	160348	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 4-methyl-	128	C9H20	002216-34-4	35
2		Tetradecane, 5-methyl-	212	C15H32	025117-32-2	22
3		Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	22
4		Undecane, 2-methyl-	170	C12H26	007045-71-8	22
5		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

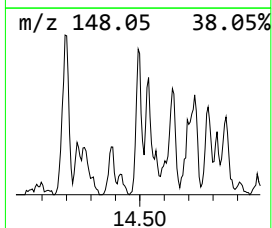
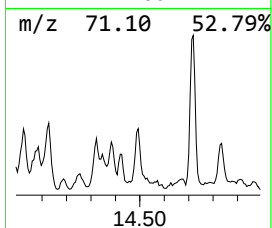
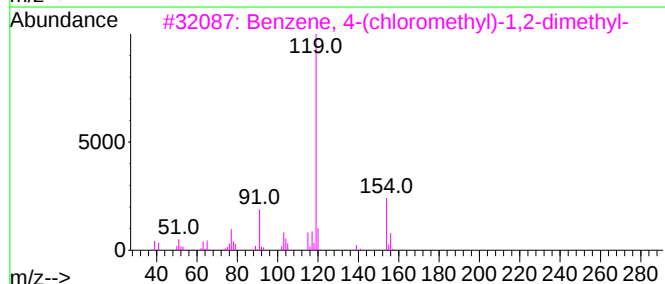
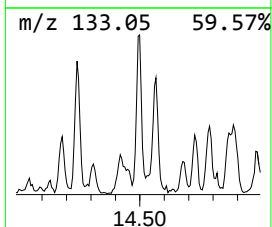
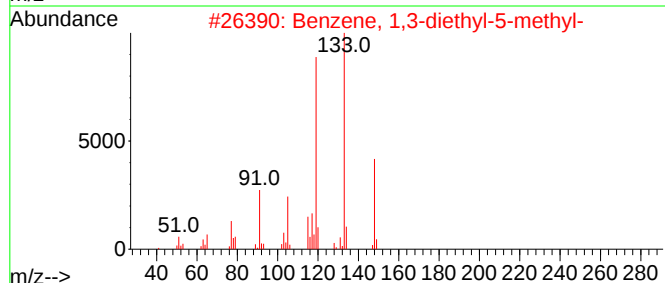
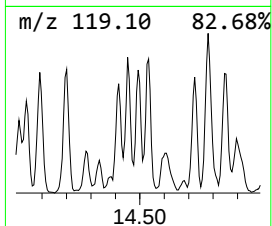
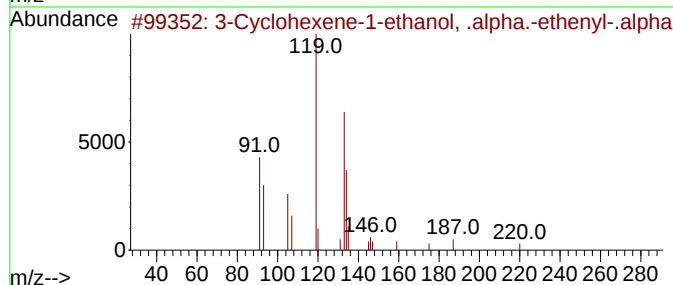
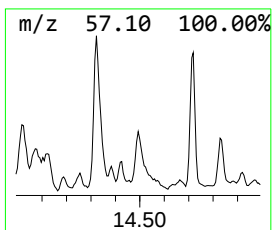
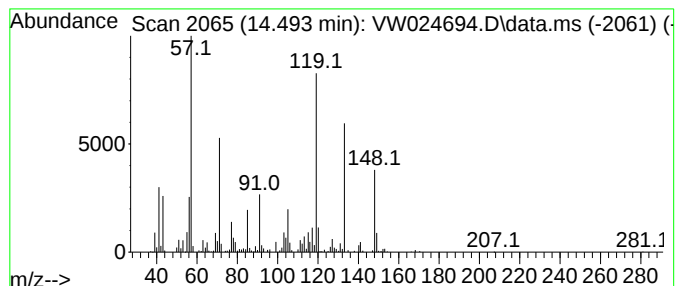
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Quant Title : SFAM01.0

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

Peak Number 35 3-Cyclohexene-1-ethanol, .a... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.493	3.45 ug/L	188591	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Cyclohexene-1-ethanol, .alpha....	220	C15H24O	055780-93-3	53
2			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	46
3			Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	38
4			3,4-Dimethylcumene	148	C11H16	1000370-34-1	38
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

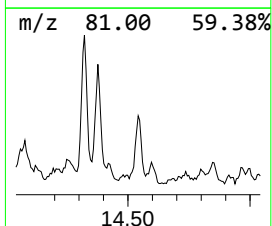
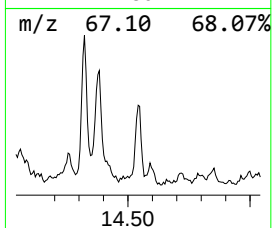
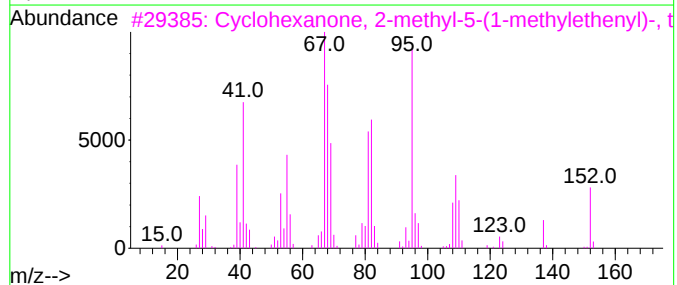
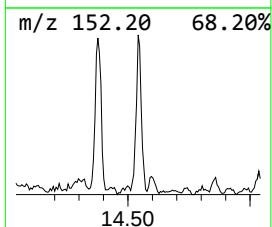
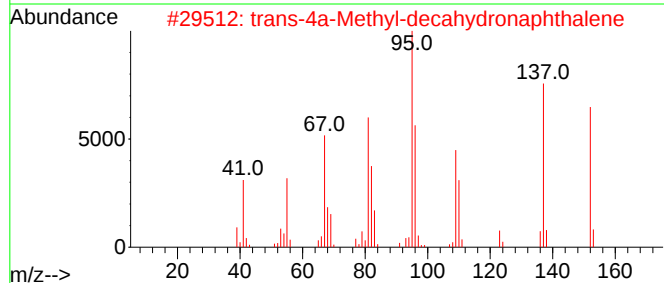
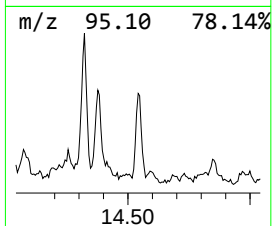
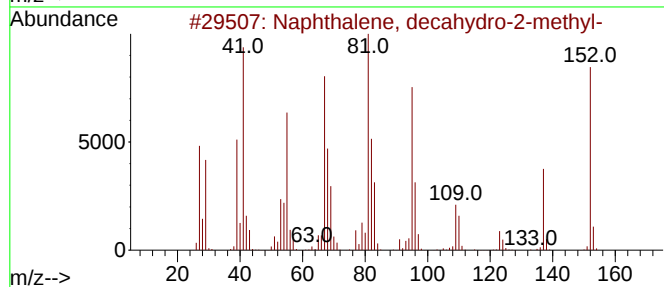
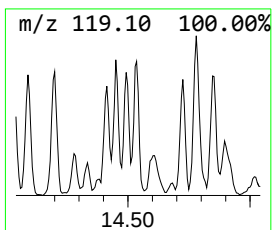
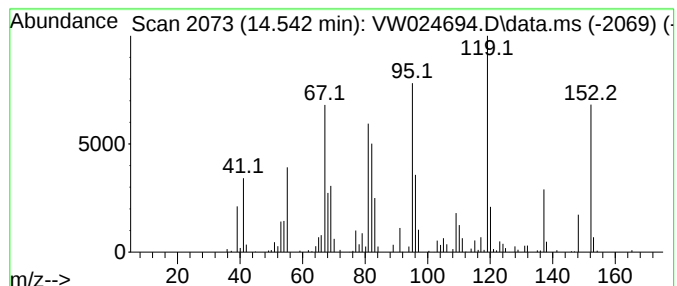
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Quant Title : SFAM01.0

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

Peak Number 36 Naphthalene, decahydro-2-me... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.542	2.91 ug/L	158907	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
2			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	49
3			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	49
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	49
5			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

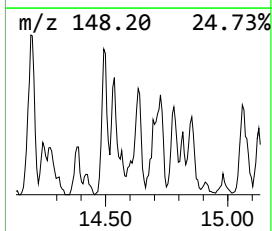
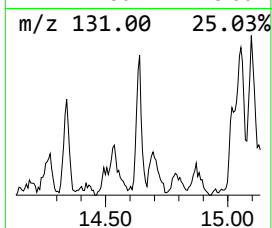
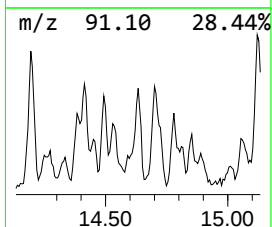
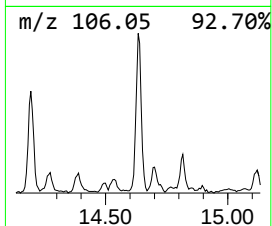
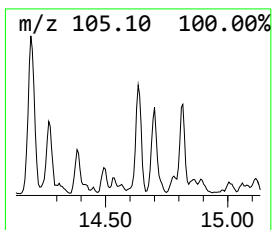
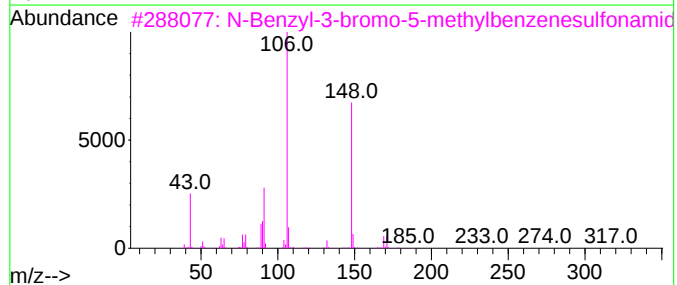
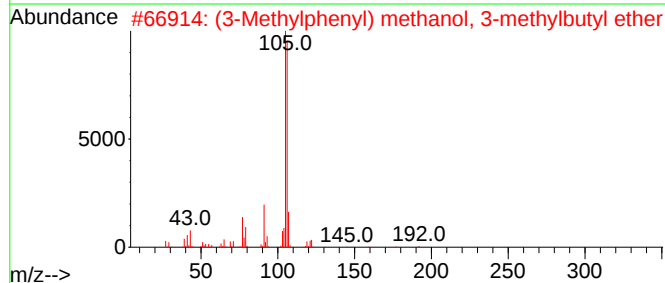
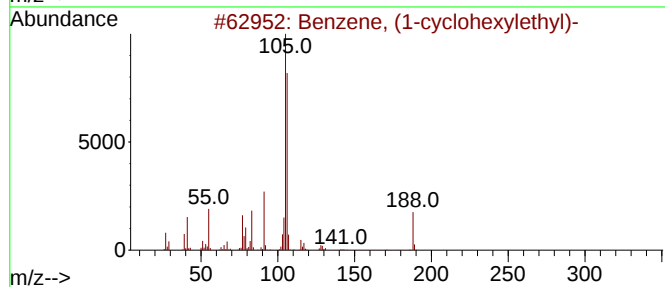
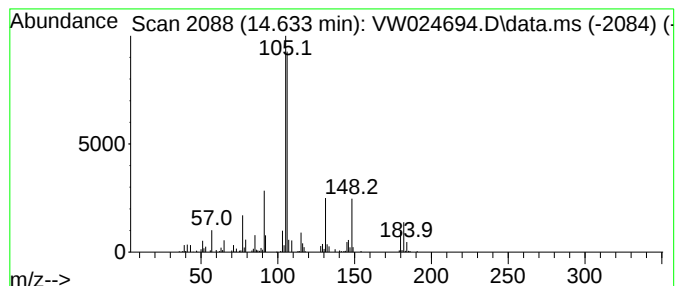
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Quant Title : SFAM01.0

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

Peak Number 37 unknown-05 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.633	1.70 ug/L	93091	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-cyclohexylethyl)-	188	C14H20	004413-16-5	38
2			(3-Methylphenyl) methanol, 3-met...	192	C13H20O	1000374-58-6	38
3			N-Benzyl-3-bromo-5-methylbenzene...	381	C16H16BrNO3S	1000505-09-5	37
4			benzenemethanesulfonyl fluoride,...	189	C7H8FN02S	1010400-19-0	27
5			Benzenamine, N-butyl-	149	C10H15N	001126-78-9	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

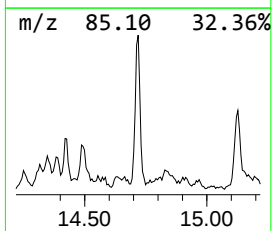
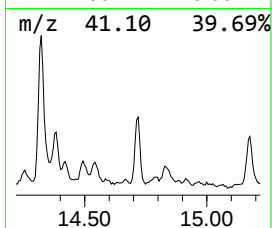
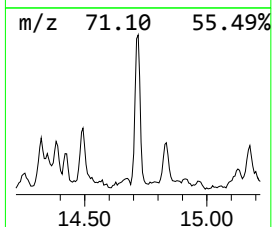
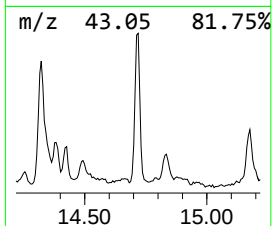
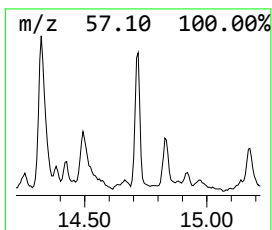
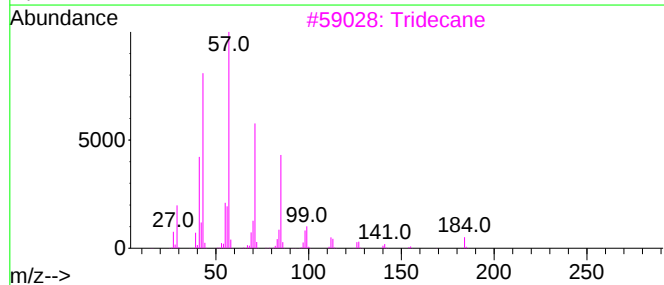
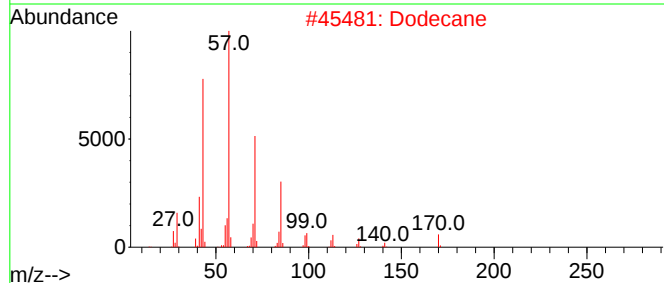
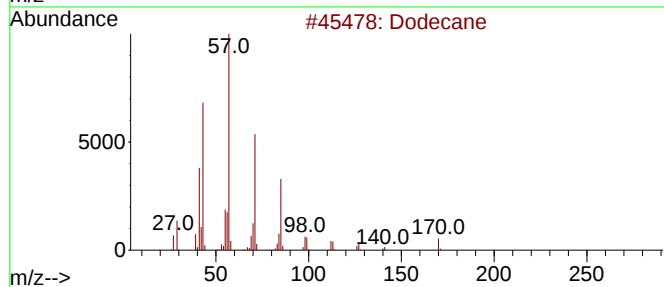
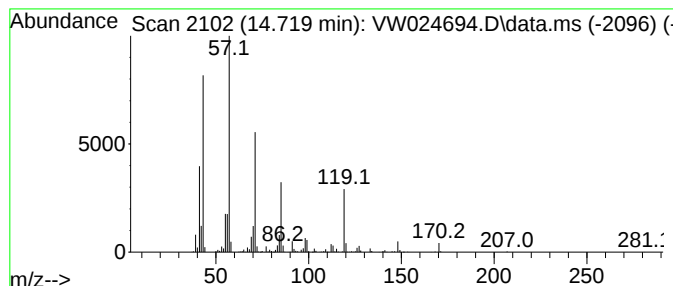
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Quant Title : SFAM01.0

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.719	7.02 ug/L	383139	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	93
2			Dodecane	170	C12H26	000112-40-3	76
3			Tridecane	184	C13H28	000629-50-5	58
4			Tridecane	184	C13H28	000629-50-5	58
5			Hexadecane	226	C16H34	000544-76-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

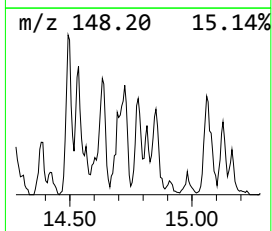
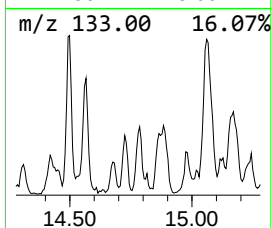
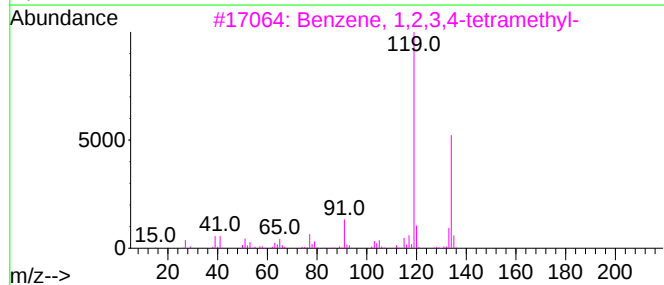
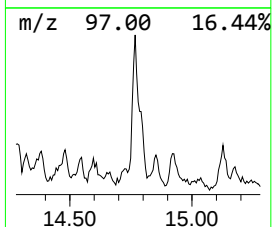
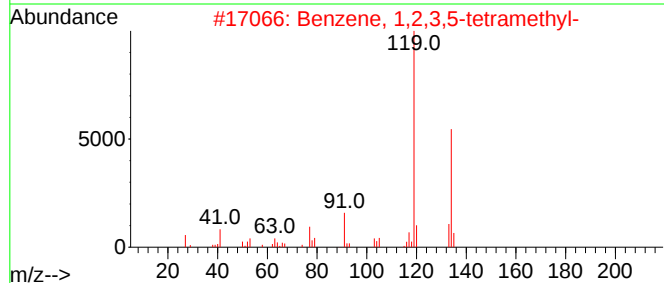
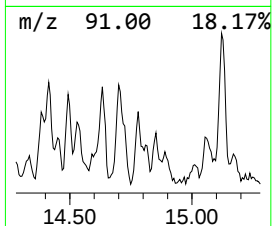
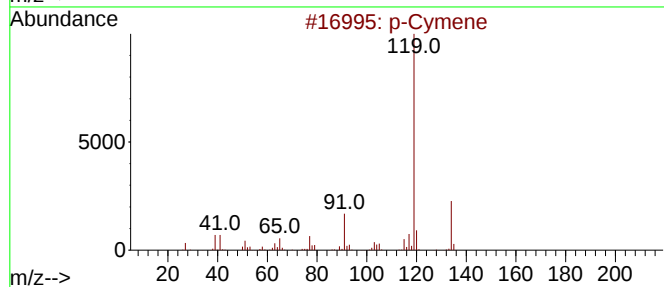
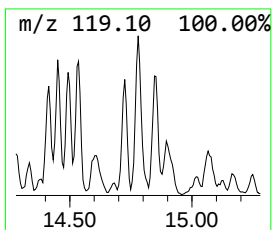
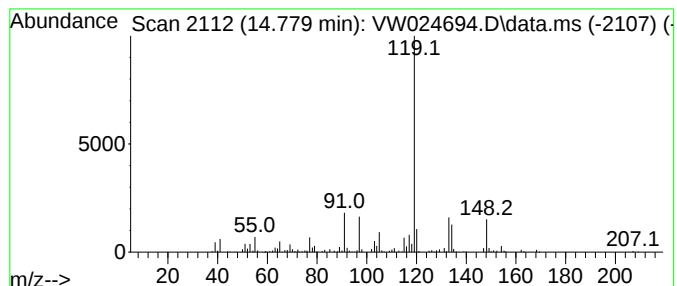
Instrument :
MSVOA_W
ClientSampleId :
BGSF8

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Quant Title : SFAM01.0

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

Peak Number 39 p-Cymene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.780	2.79 ug/L	152433	1,4-Dichlorobenzene-d4			13.554
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	p-Cymene		134	C10H14	000099-87-6	93
2	Benzene, 1,2,3,5-tetramethyl-		134	C10H14	000527-53-7	93
3	Benzene, 1,2,3,4-tetramethyl-		134	C10H14	000488-23-3	90
4	Benzene, 1-ethyl-3,5-dimethyl-		134	C10H14	000934-74-7	81
5	Benzene, 1-methyl-4-(1-methylpro...		148	C11H16	001595-16-0	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

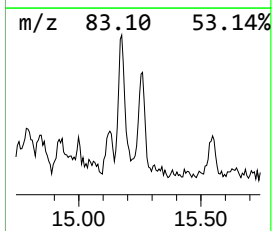
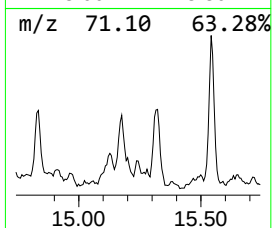
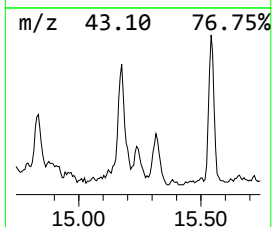
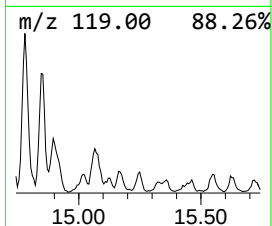
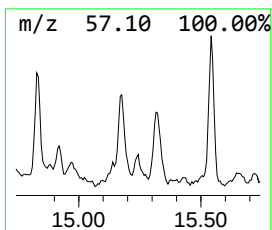
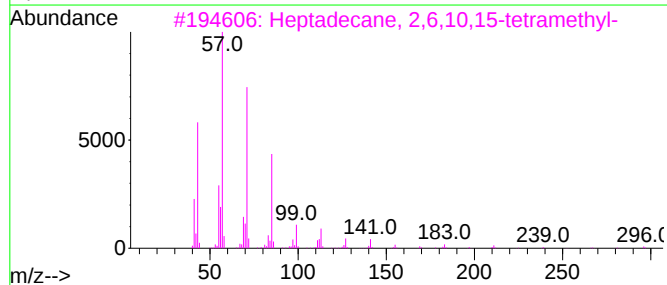
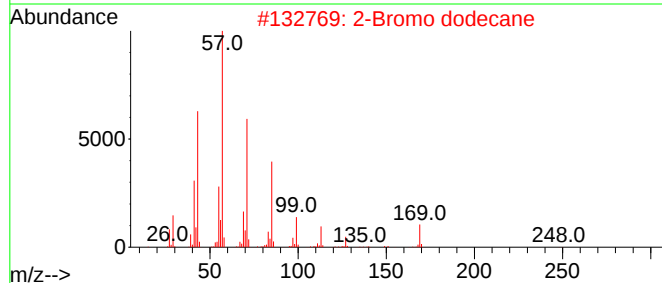
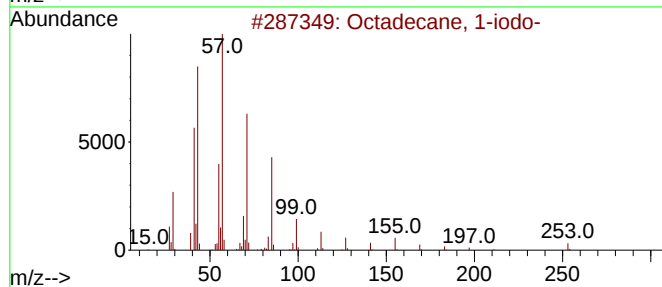
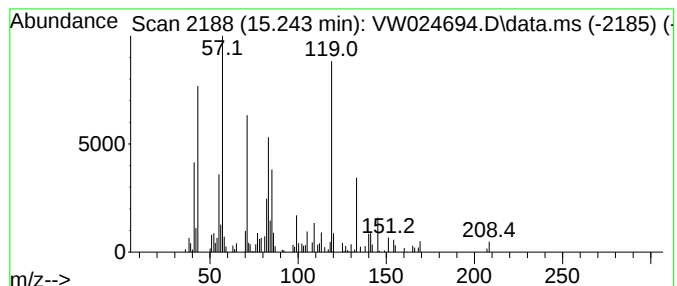
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Quant Title : SFAM01.0

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

Peak Number 40 unknown-06 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.243	1.32 ug/L	72257	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	27
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	22
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	22
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	22
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

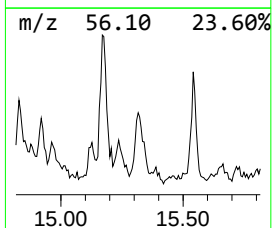
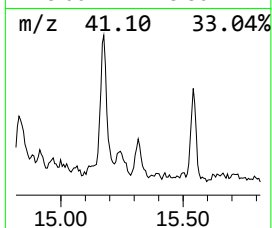
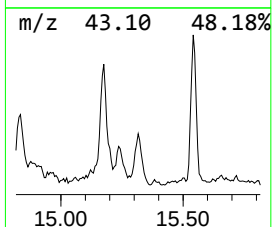
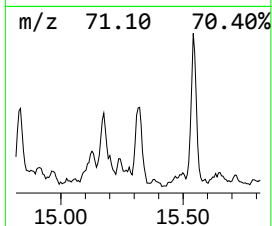
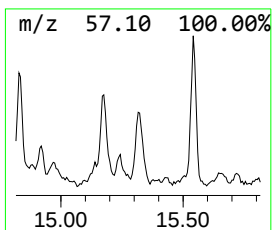
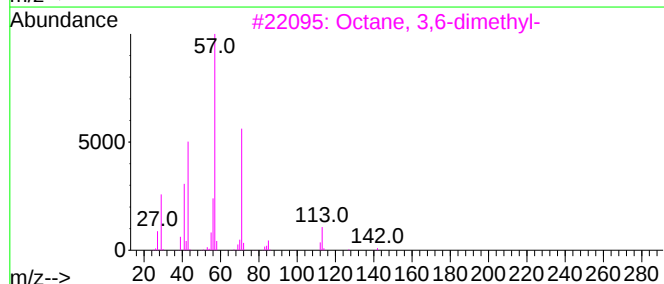
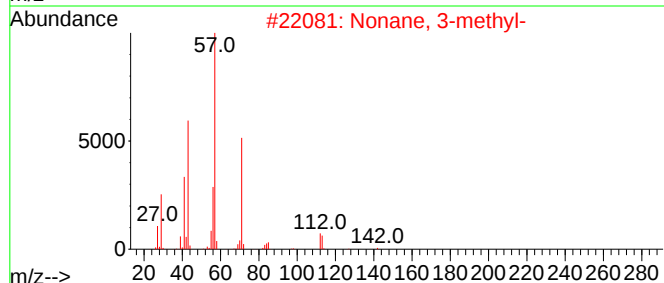
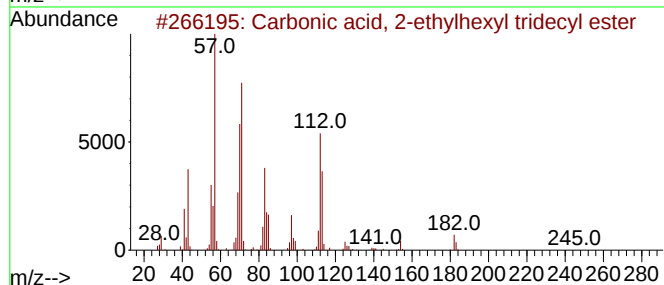
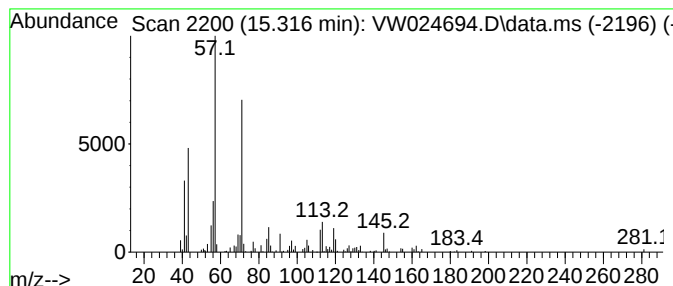
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Quant Title : SFAM01.0

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

Peak Number 41 Carbonic acid, 2-ethylhexyl... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.316	1.54 ug/L	83960	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, 2-ethylhexyl trid...	356	C22H44O3	1000383-14-0	64
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	64
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53
4			Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	47
5			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

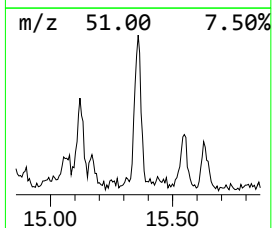
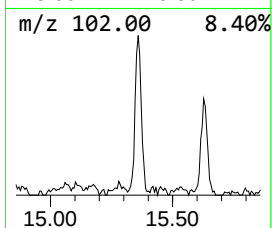
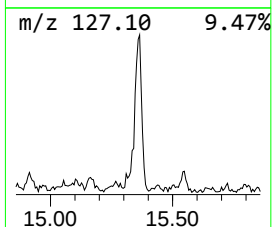
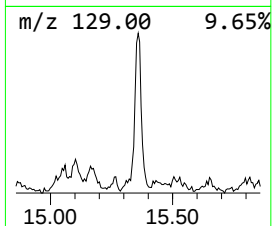
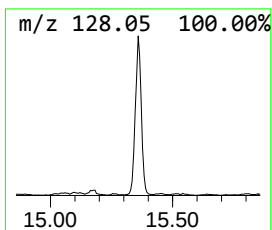
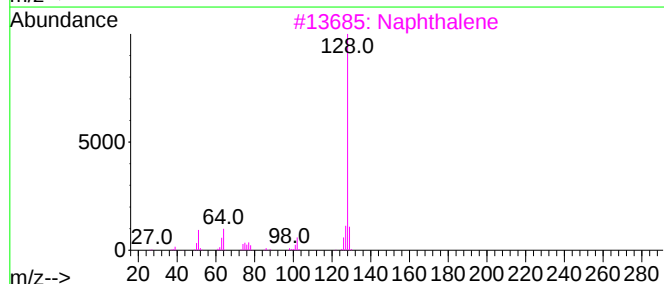
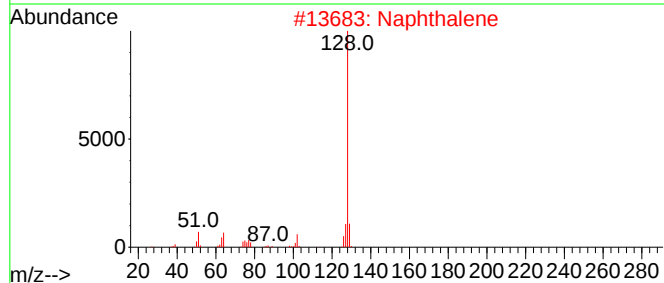
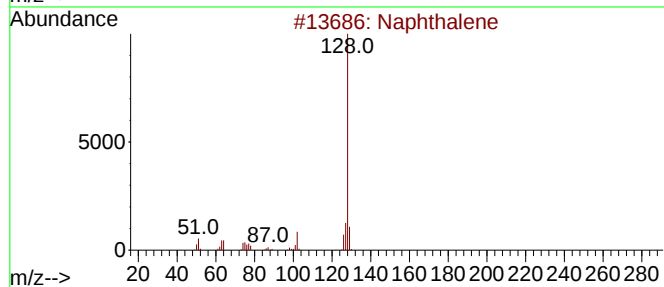
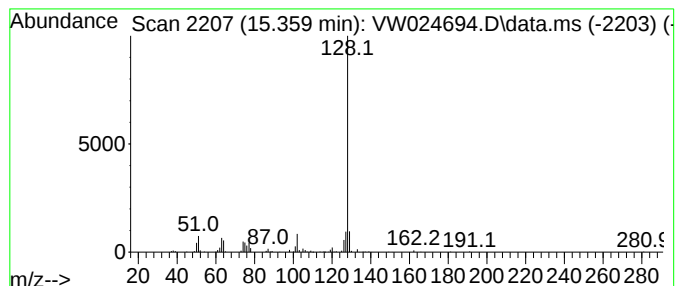
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Quant Title : SFAM01.0

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

Peak Number 42 Azulene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.359	2.64 ug/L	144133	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	94
2			Naphthalene	128	C10H8	000091-20-3	90
3			Naphthalene	128	C10H8	000091-20-3	90
4			Azulene	128	C10H8	000275-51-4	87
5			4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

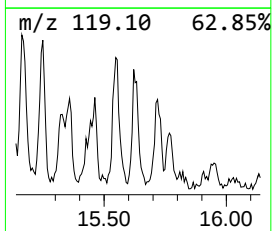
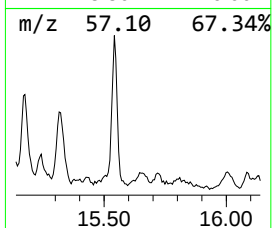
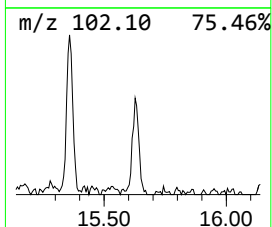
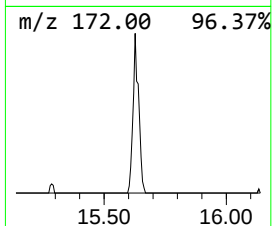
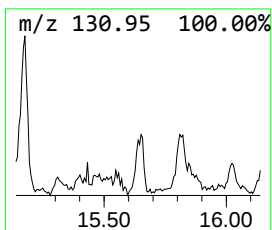
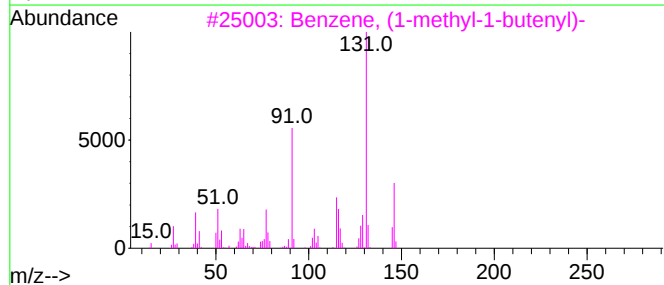
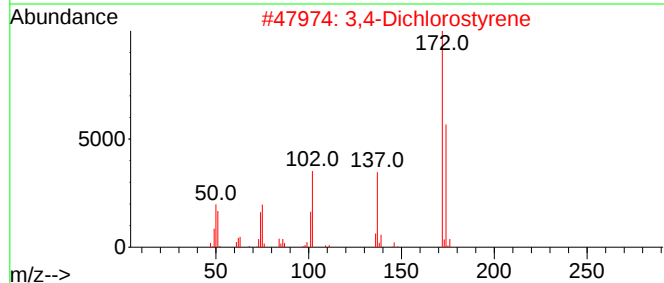
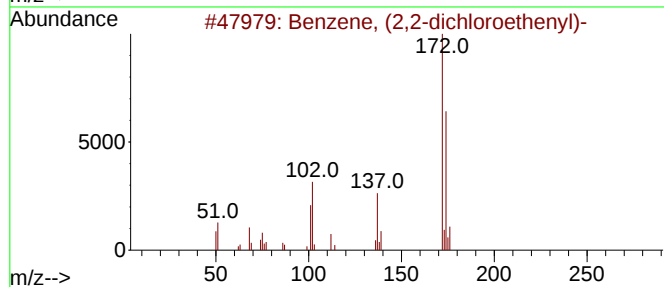
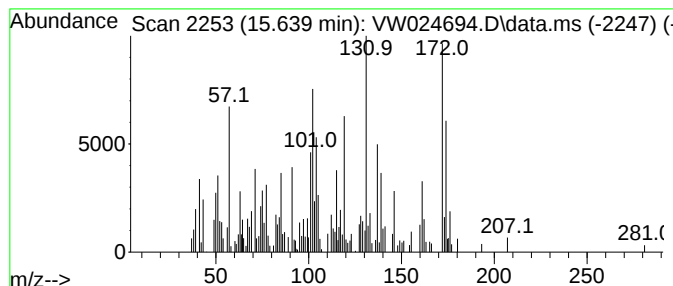
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Quant Title : SFAM01.0

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

Peak Number 43 unknown-07 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.639	1.72 ug/L	93741	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2,2-dichloroethenyl)-	172	C8H6Cl2	000698-88-4	49
2			3,4-Dichlorostyrene	172	C8H6Cl2	002039-83-0	46
3			Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	25
4			2,6-Dichlorostyrene	172	C8H6Cl2	028469-92-3	25
5			Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	15



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
Data File : VW024694.D
Acq On : 30 Sep 2022 12:13
Operator : SY/VA
Sample : N4858-06RE
Misc : 5.38g/10mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

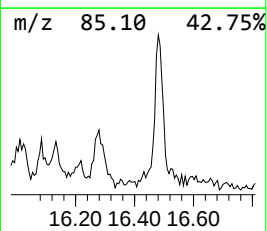
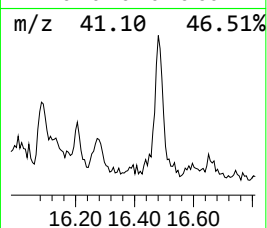
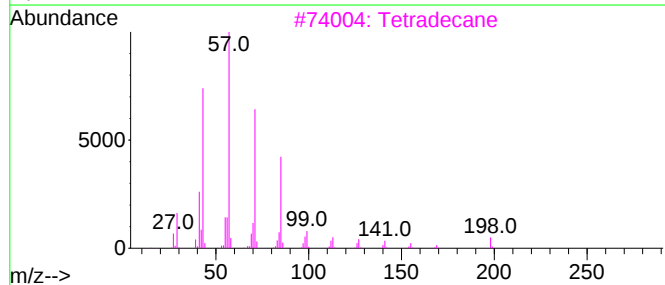
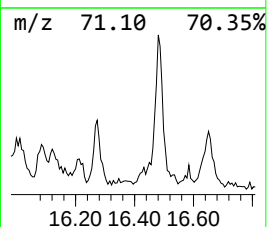
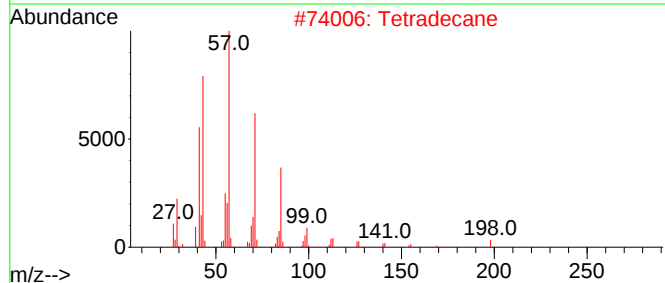
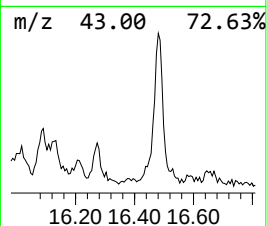
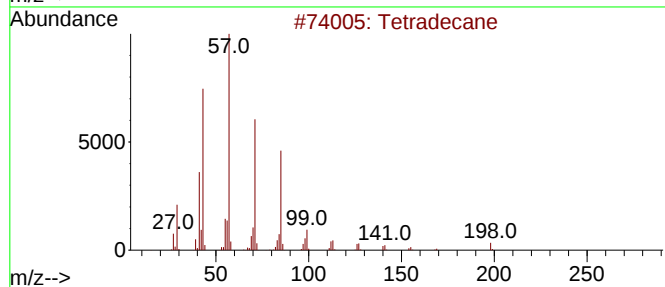
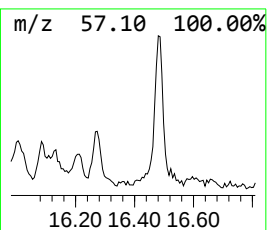
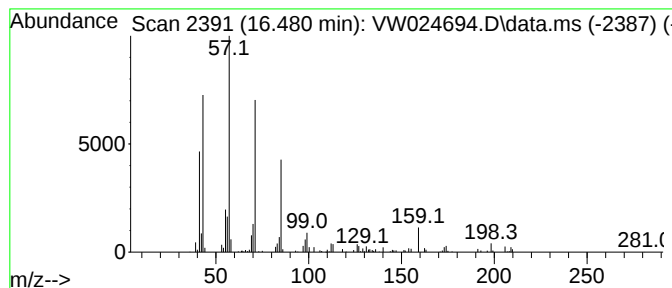
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Quant Title : SFAM01.0

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

Peak Number 44 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.480	1.90 ug/L	103650	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	96
2			Tetradecane	198	C14H30	000629-59-4	91
3			Tetradecane	198	C14H30	000629-59-4	87
4			Tridecane	184	C13H28	000629-50-5	80
5			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093022\
 Data File : VW024694.D
 Acq On : 30 Sep 2022 12:13
 Operator : SY/VA
 Sample : N4858-06RE
 Misc : 5.38g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGSF8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.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
unknown-01	1.989	1.7	ug/L	102943	1	8.842	1515610	25.0
unknown-02	2.501	2.0	ug/L	123872	1	8.842	1515610	25.0
Propanal, 2-met...	5.787	1.7	ug/L	100644	1	8.842	1515610	25.0
Butanal	6.903	2.6	ug/L	158945	1	8.842	1515610	25.0
Pentanal	9.408	3.5	ug/L	213896	1	8.842	1515610	25.0
unknown-03	9.665	2.0	ug/L	121445	1	8.842	1515610	25.0
Hexanal	11.067	7.0	ug/L	469401	2	11.628	1682400	25.0
(DEL) Alkane: S...	11.841	1.5	ug/L	100136	2	11.628	1682400	25.0
(DEL) Alkane: C...	12.134	1.5	ug/L	97728	2	11.628	1682400	25.0
(DEL) Alkane: S...	12.249	1.7	ug/L	116958	2	11.628	1682400	25.0
Heptanal	12.335	11.5	ug/L	772652	2	11.628	1682400	25.0
(DEL) Alkane: S...	12.536	4.9	ug/L	330660	2	11.628	1682400	25.0
(DEL) Alkane: S...	12.567	3.0	ug/L	202037	2	11.628	1682400	25.0
(DEL) Alkane: S...	12.774	3.5	ug/L	188334	3	13.554	1364980	25.0
(DEL) Alkane: C...	12.859	2.6	ug/L	143412	3	13.554	1364980	25.0
(DEL) Alkane: S...	12.926	19.8	ug/L	1079310	3	13.554	1364980	25.0
(DEL) Alkane: S...	12.987	2.5	ug/L	138605	3	13.554	1364980	25.0
(DEL) Alkane: S...	13.079	2.2	ug/L	122212	3	13.554	1364980	25.0
(DEL) Alkane: C...	13.121	3.2	ug/L	173925	3	13.554	1364980	25.0
(DEL) Alkane: S...	13.158	8.7	ug/L	472283	3	13.554	1364980	25.0
(DEL) Alkane: S...	13.286	2.5	ug/L	135280	3	13.554	1364980	25.0
Sulfurous acid,...	13.335	1.3	ug/L	71501	3	13.554	1364980	25.0
Octanal	13.396	13.7	ug/L	747068	3	13.554	1364980	25.0
(DEL) Alkane: C...	13.444	4.7	ug/L	254681	3	13.554	1364980	25.0
(DEL) Alkane: C...	13.694	2.4	ug/L	128931	3	13.554	1364980	25.0
Benzene, 1-meth...	13.743	1.6	ug/L	85347	3	13.554	1364980	25.0
unknown-04	14.005	5.3	ug/L	287399	3	13.554	1364980	25.0
Benzene, 1-meth...	14.194	4.0	ug/L	221103	3	13.554	1364980	25.0
2,5-Methano-1H-...	14.255	3.2	ug/L	174792	3	13.554	1364980	25.0
Nonanal	14.322	13.7	ug/L	745391	3	13.554	1364980	25.0
Succinic acid, ...	14.383	6.4	ug/L	349859	3	13.554	1364980	25.0
(DEL) Alkane: S...	14.420	2.9	ug/L	160348	3	13.554	1364980	25.0
3-Cyclohexene-1...	14.493	3.5	ug/L	188591	3	13.554	1364980	25.0
Naphthalene, de...	14.542	2.9	ug/L	158907	3	13.554	1364980	25.0
unknown-05	14.633	1.7	ug/L	93091	3	13.554	1364980	25.0
(DEL) Alkane: S...	14.719	7.0	ug/L	383139	3	13.554	1364980	25.0
p-Cymene	14.780	2.8	ug/L	152433	3	13.554	1364980	25.0
unknown-06	15.243	1.3	ug/L	72257	3	13.554	1364980	25.0
Carbonic acid, ...	15.316	1.5	ug/L	83960	3	13.554	1364980	25.0
Azulene	15.359	2.6	ug/L	144133	3	13.554	1364980	25.0
unknown-07	15.639	1.7	ug/L	93741	3	13.554	1364980	25.0
(DEL) Alkane: S...	16.480	1.9	ug/L	103650	3	13.554	1364980	25.0