

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
 Data File : VW024683.D
 Acq On : 29 Sep 2022 17:41
 Operator : SY/VA
 Sample : N4858-06
 Misc : 5.65g/10mL/MSVOA_W/SOIL
 ALS Vial : 16 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: VW024683.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	11	14	32	rVB	38755	105503	5.46%	0.430%
2	2.355	69	74	82	rVB	105728	178532	9.24%	0.727%
3	2.501	93	98	104	rBV2	8322	18395	0.95%	0.075%
4	2.666	121	125	128	rBV5	3022	5876	0.30%	0.024%
5	2.885	154	161	172	rVB	55979	118629	6.14%	0.483%
6	3.385	238	243	252	rVB3	5724	14409	0.75%	0.059%
7	4.019	336	347	359	rBV2	145042	456572	23.62%	1.860%
8	4.135	359	366	380	rVB	16454	50853	2.63%	0.207%
9	4.397	395	409	410	rBV3	4139	10374	0.54%	0.042%
10	4.916	481	494	510	rBV	52075	187283	9.69%	0.763%
11	5.787	625	637	649	rVB5	7213	27434	1.42%	0.112%
12	5.940	653	662	674	rVB3	17582	52718	2.73%	0.215%
13	6.299	714	721	725	rBV8	1598	4171	0.22%	0.017%
14	6.903	812	820	831	rBV4	10258	32108	1.66%	0.131%
15	7.080	841	849	854	rBV	88289	234874	12.15%	0.957%
16	7.153	854	861	875	rVB2	102982	377815	19.55%	1.539%
17	7.653	932	943	959	rBV	336490	839633	43.44%	3.420%
18	7.897	977	983	987	rBV8	1407	3405	0.18%	0.014%
19	8.275	1030	1045	1062	rBV3	591688	1932892	100.00%	7.873%
20	8.549	1086	1090	1101	rVB10	4413	10654	0.55%	0.043%
21	8.695	1108	1114	1124	rVB6	4252	11099	0.57%	0.045%
22	8.842	1129	1138	1148	rBV	726009	1413411	73.12%	5.757%
23	9.092	1165	1179	1187	rBV3	22970	54921	2.84%	0.224%
24	9.275	1200	1209	1224	rVV	455067	931096	48.17%	3.793%
25	9.409	1224	1231	1240	rVV2	21661	45691	2.36%	0.186%
26	9.665	1265	1273	1280	rBV2	17475	37721	1.95%	0.154%
27	10.037	1317	1334	1343	rBV	241323	450635	23.31%	1.836%
28	10.213	1358	1363	1368	rBV2	4988	9286	0.48%	0.038%
29	10.323	1372	1381	1388	rBV	646247	1149351	59.46%	4.682%
30	10.384	1388	1391	1401	rVB2	11242	22448	1.16%	0.091%
31	10.500	1401	1410	1416	rVB3	11602	23998	1.24%	0.098%
32	10.579	1416	1423	1437	rBV	151878	282511	14.62%	1.151%
33	10.701	1437	1443	1450	rVV	31370	57319	2.97%	0.233%
34	10.860	1460	1469	1474	rBV	180375	313318	16.21%	1.276%
35	10.921	1474	1479	1494	rVB	336188	565180	29.24%	2.302%
36	11.067	1494	1503	1516	rBV2	73927	139985	7.24%	0.570%

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

37	11.171	1516	1520	1525	rVB4	4786	6883	0.36%	0.028%
38	11.232	1526	1530	1534	rVB5	2827	3710	0.19%	0.015%
39	11.341	1543	1548	1552	rBV6	2544	4392	0.23%	0.018%
40	11.433	1555	1563	1569	rVB3	19804	45470	2.35%	0.185%
41	11.500	1569	1574	1580	rBV3	13556	27116	1.40%	0.110%
42	11.628	1583	1595	1608	rBV	884672	1498312	77.52%	6.103%
43	11.725	1608	1611	1614	rVV5	4169	6439	0.33%	0.026%
44	11.841	1621	1630	1633	rVV2	37671	78925	4.08%	0.321%
45	11.872	1633	1635	1639	rVV2	26980	36727	1.90%	0.150%
46	11.914	1639	1642	1648	rVB3	10969	17815	0.92%	0.073%
47	12.012	1653	1658	1661	rBV4	8475	14688	0.76%	0.060%
48	12.061	1661	1666	1670	rVB4	11122	17379	0.90%	0.071%
49	12.134	1671	1678	1683	rBV5	49134	100950	5.22%	0.411%
50	12.250	1690	1697	1701	rVB	56263	92690	4.80%	0.378%
51	12.335	1701	1711	1717	rBV4	101081	317005	16.40%	1.291%
52	12.475	1728	1734	1735	rBV4	22487	38850	2.01%	0.158%
53	12.536	1736	1744	1747	rVV5	61746	125918	6.51%	0.513%
54	12.603	1752	1755	1758	rVV2	19947	31871	1.65%	0.130%
55	12.646	1758	1762	1764	rVV2	71183	92941	4.81%	0.379%
56	12.689	1764	1769	1776	rVB	410263	656646	33.97%	2.675%
57	12.774	1779	1783	1790	rVB3	106311	216110	11.18%	0.880%
58	12.859	1790	1797	1801	rBV6	67121	158051	8.18%	0.644%
59	12.926	1801	1808	1815	rBV2	416488	910052	47.08%	3.707%
60	12.987	1815	1818	1822	rVB2	93177	130714	6.76%	0.532%
61	13.036	1822	1826	1828	rBV4	22045	31168	1.61%	0.127%
62	13.073	1828	1832	1836	rVB3	80016	108260	5.60%	0.441%
63	13.121	1836	1840	1842	rBV2	100493	146728	7.59%	0.598%
64	13.158	1842	1846	1854	rVB2	278284	456177	23.60%	1.858%
65	13.256	1859	1862	1863	rBV2	20935	21669	1.12%	0.088%
66	13.286	1863	1867	1871	rVB	81303	110328	5.71%	0.449%
67	13.335	1872	1875	1878	rBV3	49841	66035	3.42%	0.269%
68	13.396	1878	1885	1888	rBV5	97412	223999	11.59%	0.912%
69	13.445	1888	1893	1896	rBV2	199695	324845	16.81%	1.323%
70	13.554	1906	1911	1918	rVB	671660	1053598	54.51%	4.291%
71	13.615	1919	1921	1927	rVB3	104995	146146	7.56%	0.595%
72	13.695	1928	1934	1938	rBV7	59121	138614	7.17%	0.565%
73	13.743	1938	1942	1946	rBV	66273	96356	4.99%	0.392%
74	13.786	1946	1949	1953	rBV2	39045	46491	2.41%	0.189%
75	13.865	1953	1962	1968	rBV3	754269	1802997	93.28%	7.344%
76	13.993	1977	1983	1987	rBV8	92074	231696	11.99%	0.944%

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

77	14.194	2010	2016	2021	rBV3	141827	247226	12.79%	1.007%
78	14.255	2021	2026	2032	rVV7	85672	187322	9.69%	0.763%
79	14.322	2032	2037	2042	rVV3	110351	239619	12.40%	0.976%
80	14.383	2042	2047	2050	rVV3	192054	329755	17.06%	1.343%
81	14.414	2050	2052	2056	rVB2	81443	107563	5.56%	0.438%
82	14.493	2061	2065	2068	rBV2	131073	192552	9.96%	0.784%
83	14.536	2068	2072	2078	rVB5	99211	169962	8.79%	0.692%
84	14.633	2084	2088	2092	rVB2	66740	92119	4.77%	0.375%
85	14.719	2096	2102	2107	rVB3	176916	293963	15.21%	1.197%
86	14.780	2107	2112	2116	rBV3	79198	157528	8.15%	0.642%
87	14.969	2139	2143	2144	rBV4	14389	17865	0.92%	0.073%
88	15.060	2154	2158	2162	rBV5	32375	51774	2.68%	0.211%
89	15.127	2162	2169	2174	rBV	790588	1346484	69.66%	5.484%
90	15.243	2184	2188	2195	rVB5	29632	68344	3.54%	0.278%
91	15.322	2195	2201	2204	rBV2	52985	100758	5.21%	0.410%
92	15.432	2216	2219	2220	rBV3	10172	10725	0.55%	0.044%
93	15.548	2232	2238	2246	rVB	424935	798242	41.30%	3.251%
94	15.633	2246	2252	2262	rBV	26636	93810	4.85%	0.382%
95	15.719	2263	2266	2271	rVB5	13528	20844	1.08%	0.085%
96	16.151	2331	2337	2342	rVB9	10401	26373	1.36%	0.107%
97	16.206	2342	2346	2352	rVV6	13085	21929	1.13%	0.089%
98	16.273	2353	2357	2366	rVB3	19445	40405	2.09%	0.165%
99	16.481	2378	2391	2397	rBV7	32661	103315	5.35%	0.421%
100	16.566	2400	2405	2409	rBV5	11811	27548	1.43%	0.112%

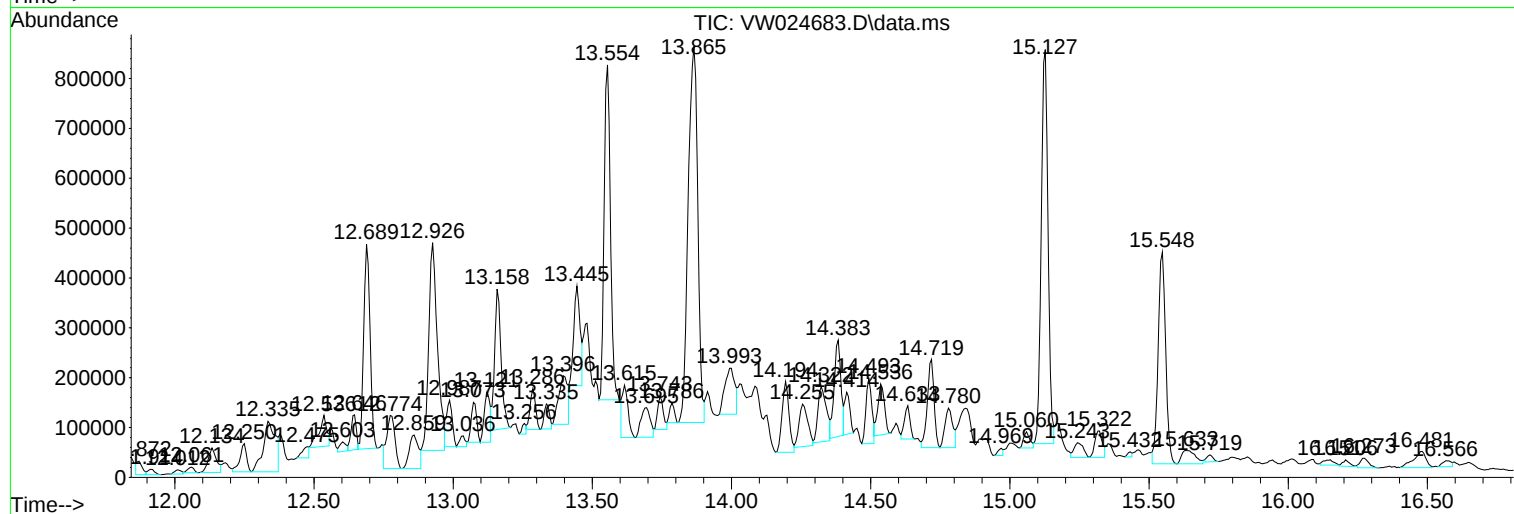
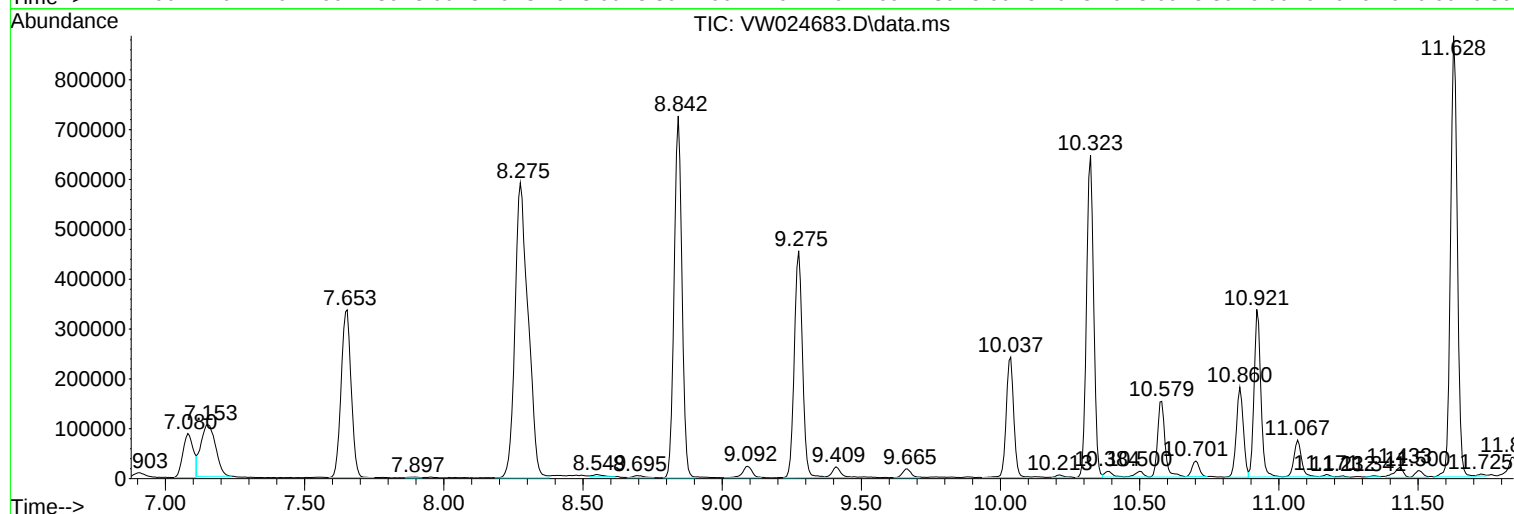
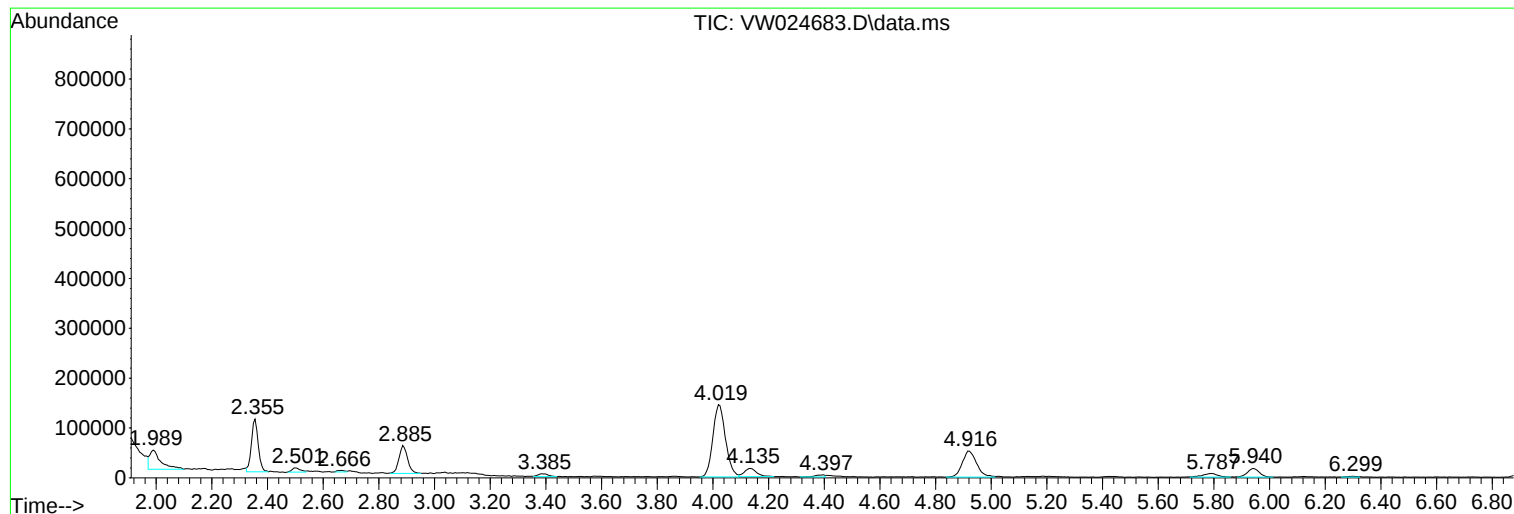
Sum of corrected areas: 24550886

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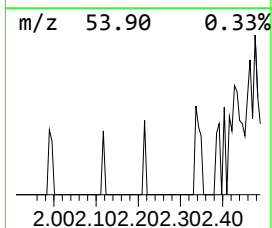
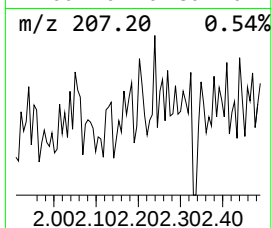
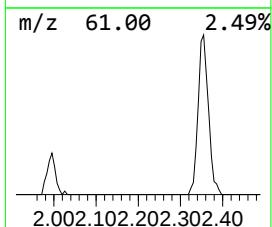
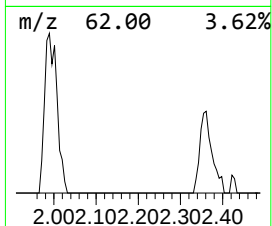
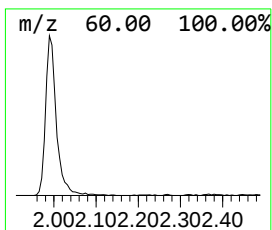
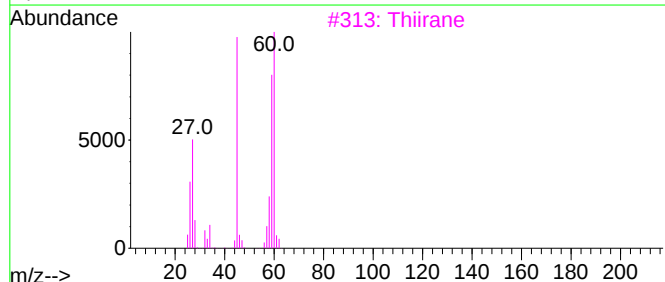
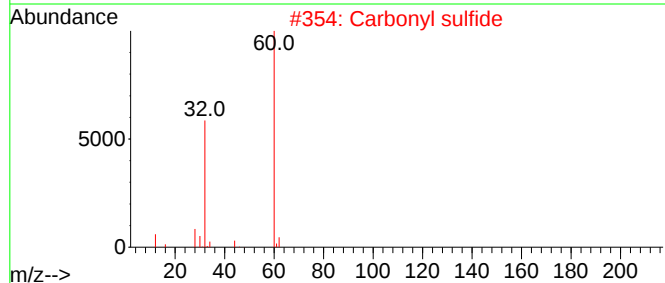
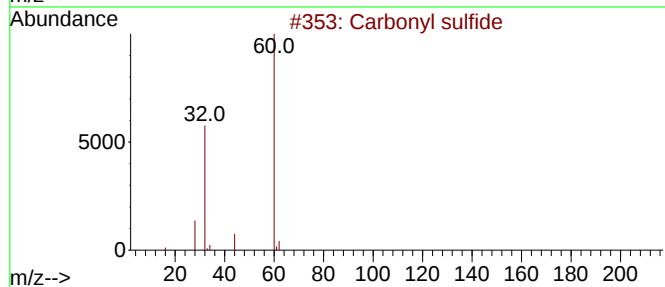
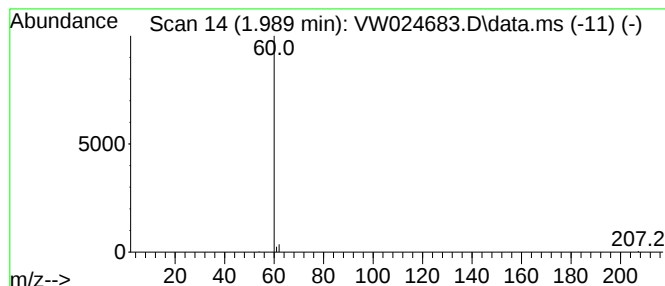
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 unknown-01 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.989	1.87 ug/L	105503	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			Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	4
5			Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	4



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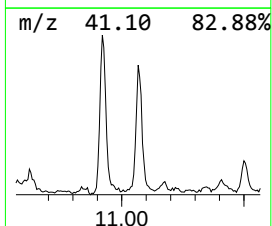
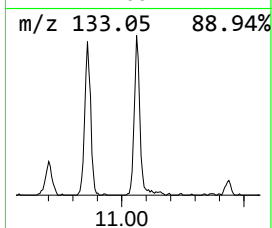
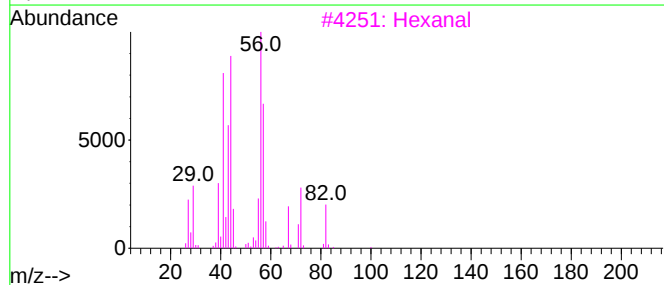
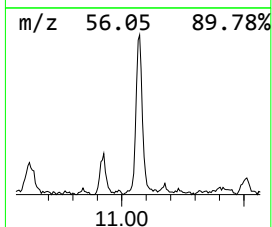
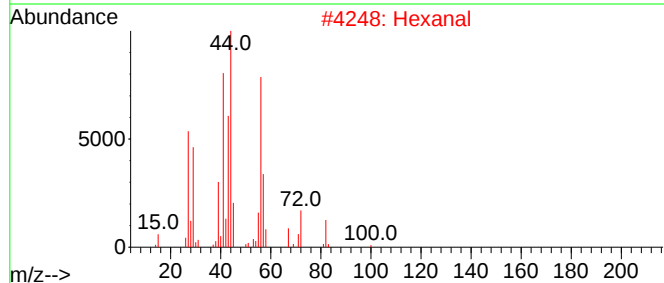
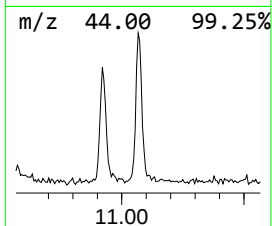
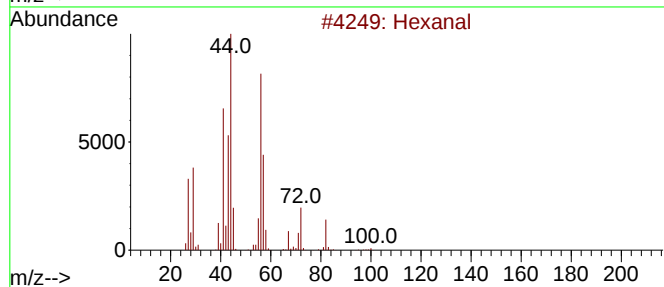
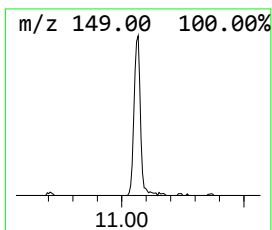
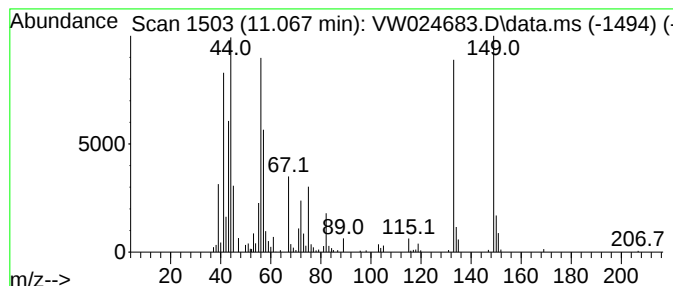
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 unknown-02 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.067	2.34 ug/L	139985	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanal	100	C6H12O	000066-25-1	35
2			Hexanal	100	C6H12O	000066-25-1	35
3			Hexanal	100	C6H12O	000066-25-1	35
4			Hexanal	100	C6H12O	000066-25-1	35
5			Cyclobutanol, 2-ethyl-	100	C6H12O	035301-43-0	27



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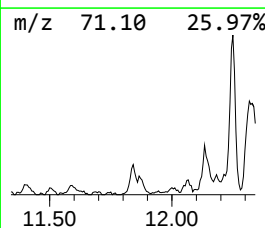
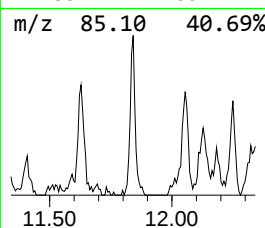
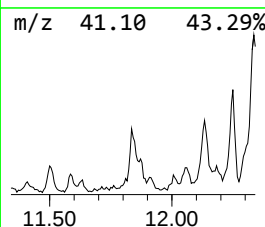
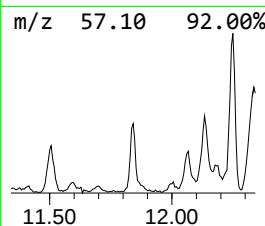
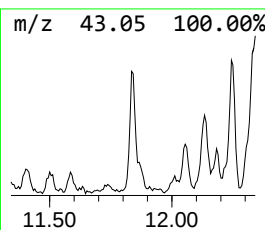
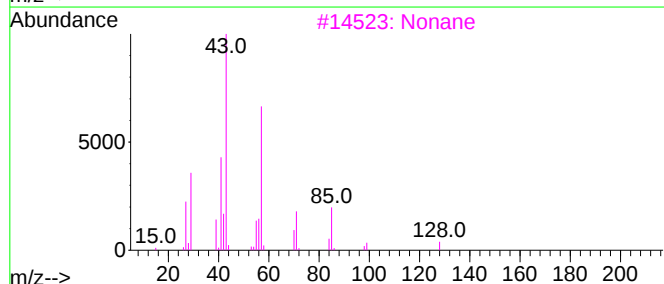
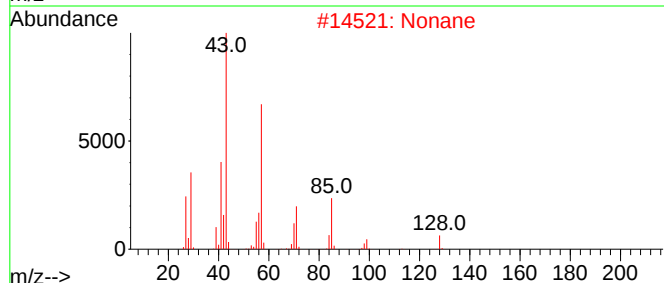
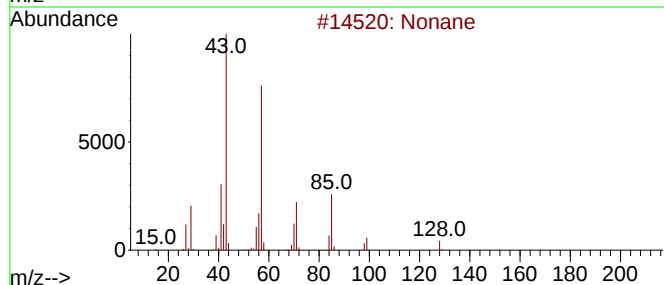
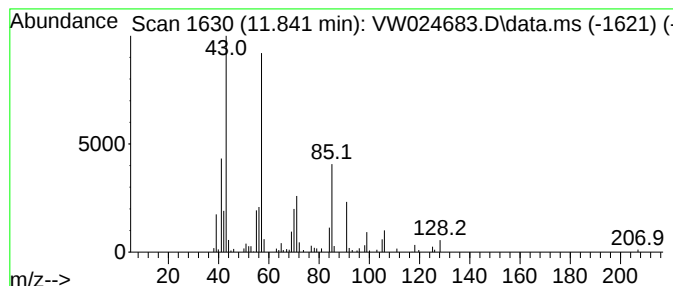
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.841	1.32 ug/L	78925	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane	128	C9H20	000111-84-2	91
2			Nonane	128	C9H20	000111-84-2	87
3			Nonane	128	C9H20	000111-84-2	87
4			Octane	114	C8H18	000111-65-9	59
5			Octane	114	C8H18	000111-65-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
Data File : VW024683.D
Acq On : 29 Sep 2022 17:41
Operator : SY/VA
Sample : N4858-06
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

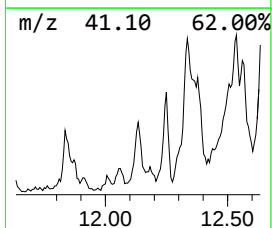
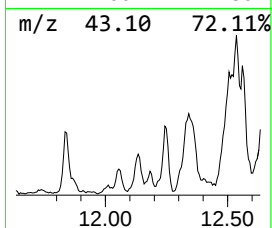
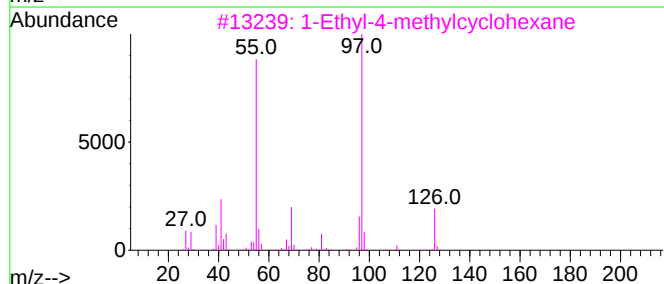
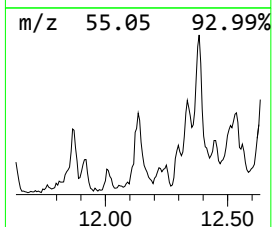
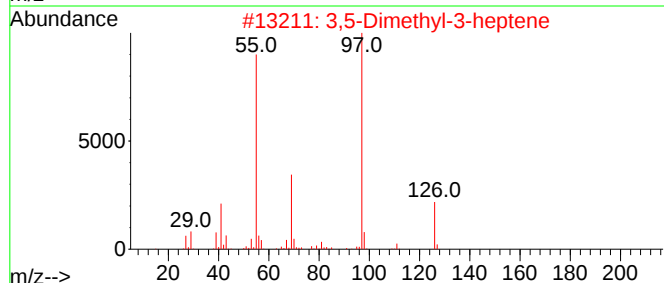
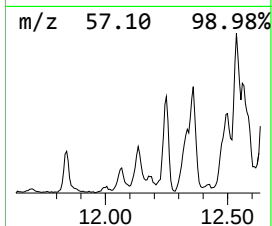
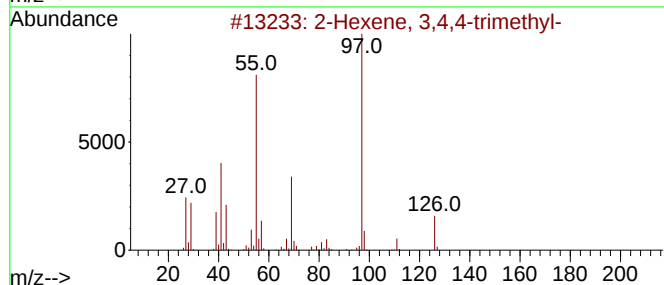
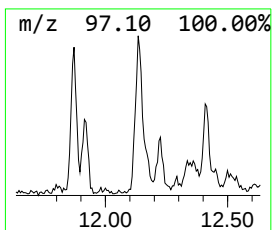
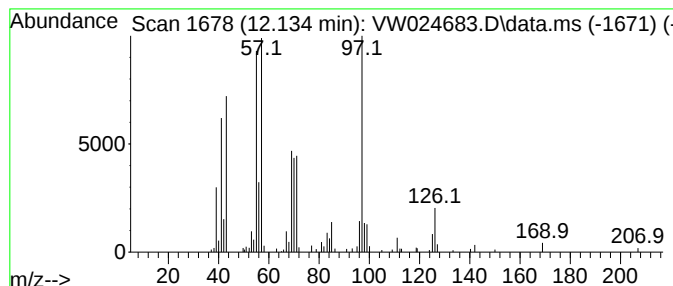
Instrument :
MSVOA_W
ClientSampleId :
BGSF8

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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.134	1.68 ug/L	100950	Chlorobenzene-d5	11.628	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	43
2	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	43
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	43
4	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	38
5	4-Ethyl-2-hydroxycyclopent-2-en-...	126	C7H10O2	028017-62-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
Data File : VW024683.D
Acq On : 29 Sep 2022 17:41
Operator : SY/VA
Sample : N4858-06
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

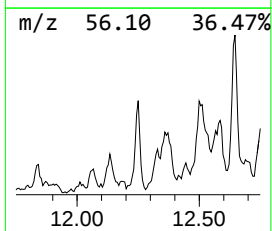
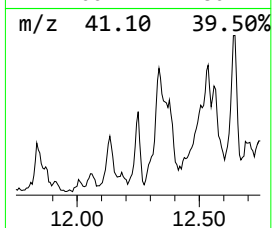
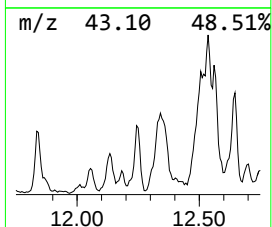
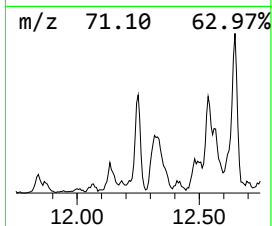
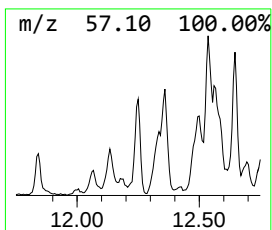
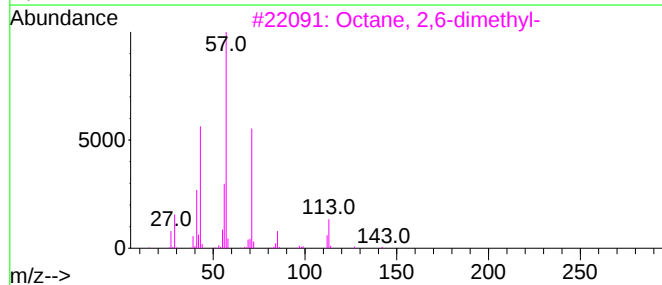
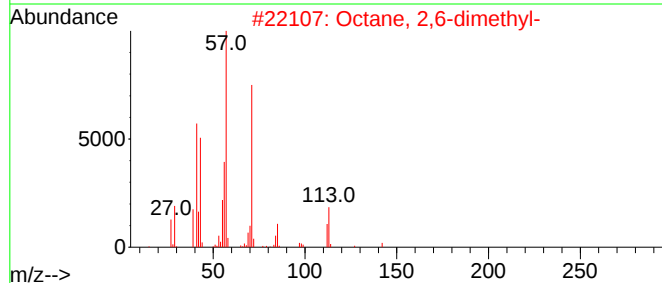
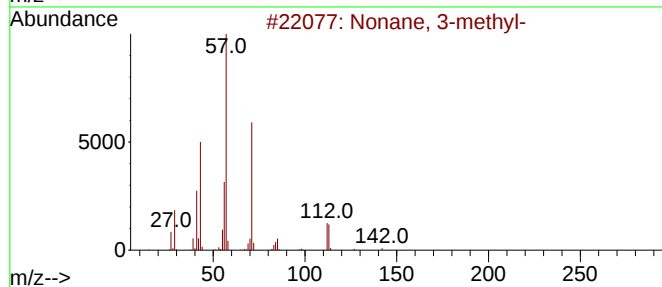
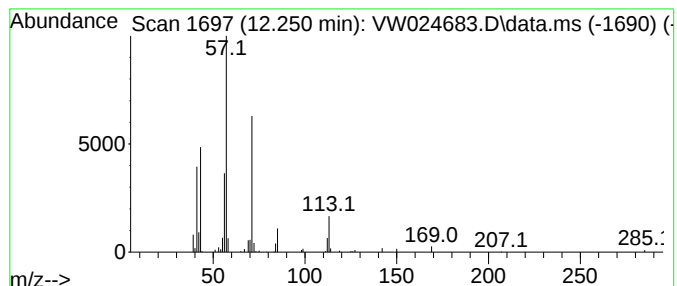
Instrument :
MSVOA_W
ClientSampleId :
BGSF8

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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.250	1.55 ug/L	92690	Chlorobenzene-d5		11.628	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-		142	C10H22	005911-04-6	91
2	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	86
3	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	86
4	Nonane, 3-methyl-		142	C10H22	005911-04-6	83
5	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
Data File : VW024683.D
Acq On : 29 Sep 2022 17:41
Operator : SY/VA
Sample : N4858-06
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

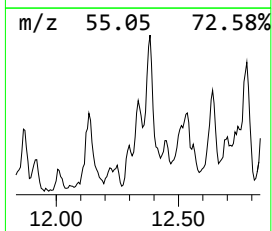
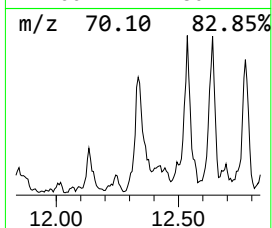
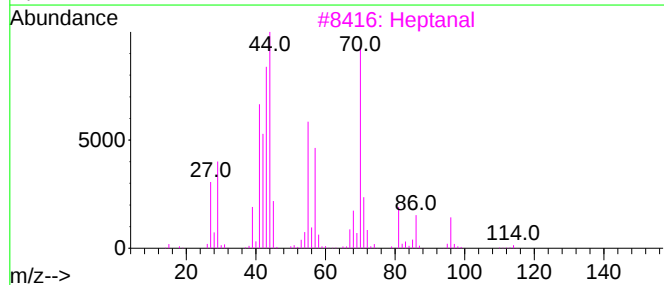
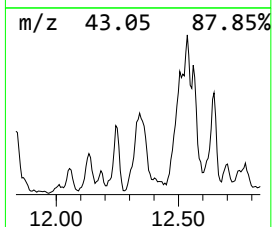
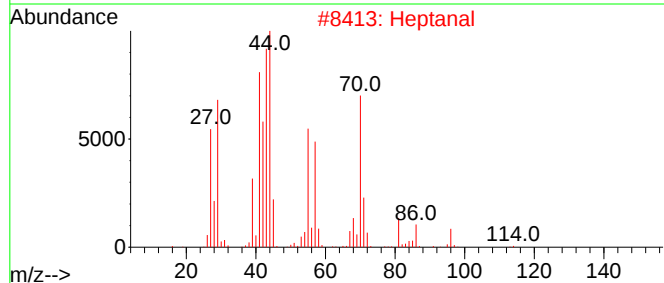
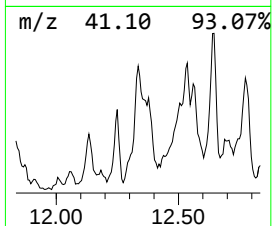
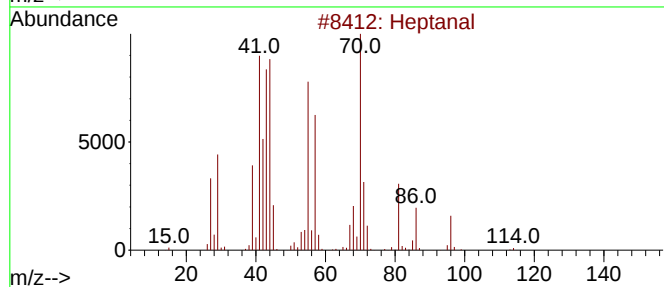
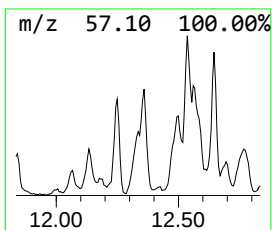
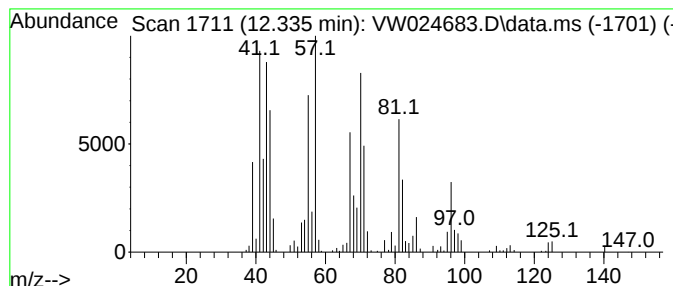
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MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 8 Heptanal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.335	5.29 ug/L	317005	Chlorobenzene-d5		11.628	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptanal		114	C7H14O	000111-71-7	64
2	Heptanal		114	C7H14O	000111-71-7	50
3	Heptanal		114	C7H14O	000111-71-7	49
4	Heptanal		114	C7H14O	000111-71-7	47
5	Heptanal		114	C7H14O	000111-71-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
Data File : VW024683.D
Acq On : 29 Sep 2022 17:41
Operator : SY/VA
Sample : N4858-06
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

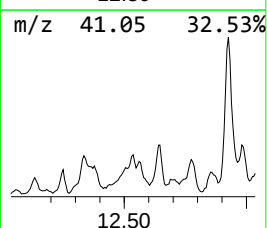
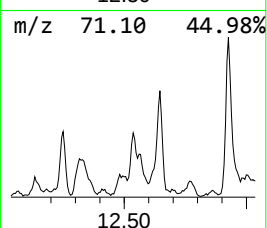
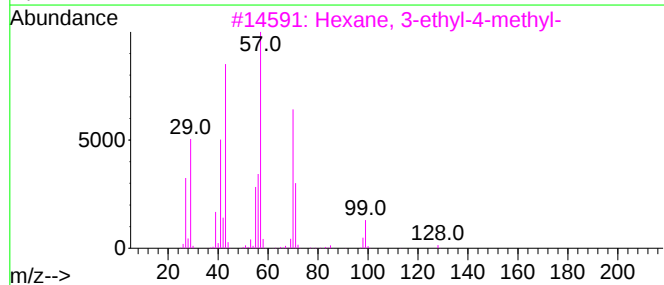
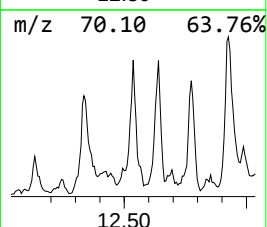
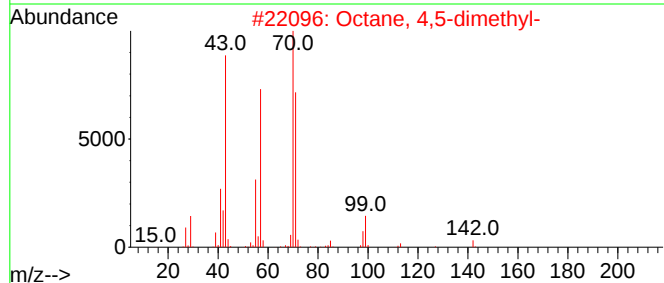
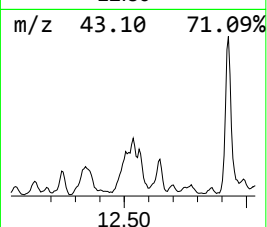
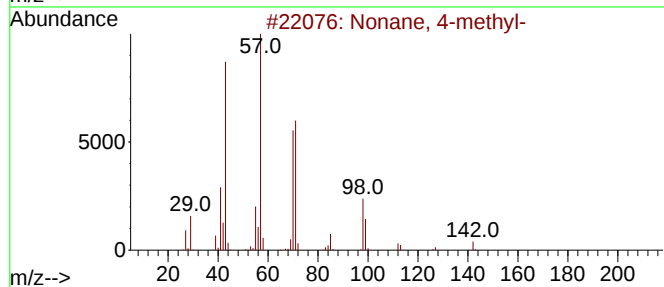
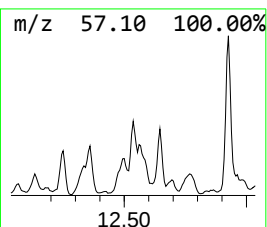
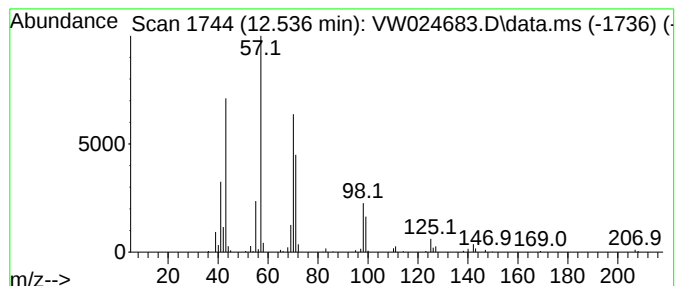
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.536	2.10 ug/L	125918	Chlorobenzene-d5	11.628

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4-methyl-	142	C10H22	017301-94-9	72
2			Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	64
3			Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	64
4			Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	58
5			1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
Data File : VW024683.D
Acq On : 29 Sep 2022 17:41
Operator : SY/VA
Sample : N4858-06
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

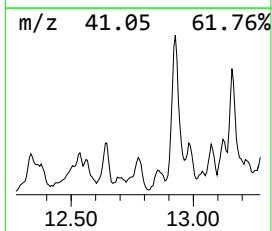
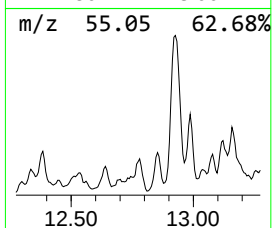
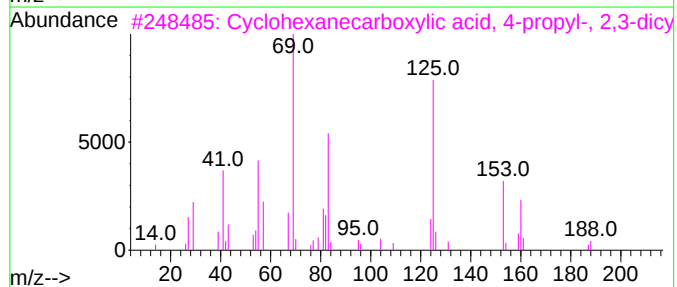
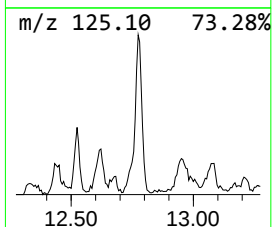
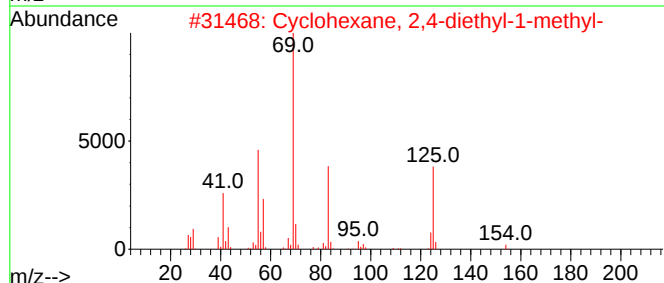
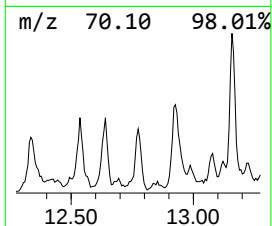
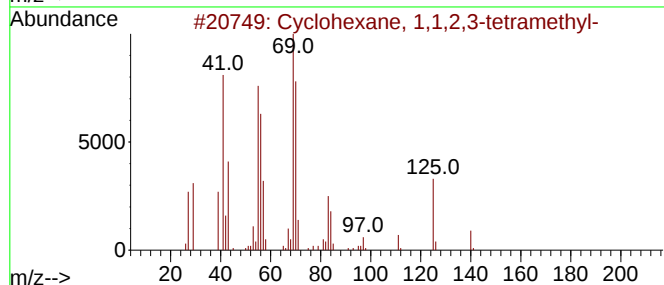
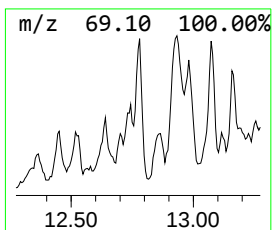
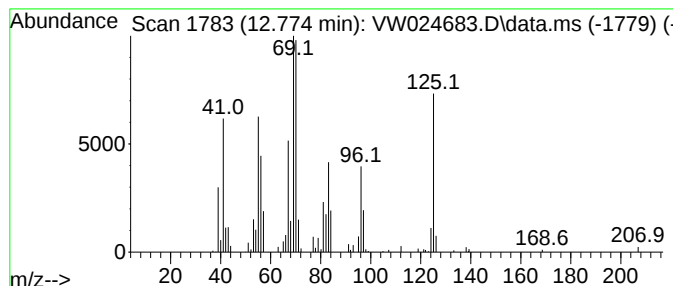
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Quant Title : SFAM01.0

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

Peak Number 10 (DEL) Alkane: Cyclic12.774 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.774	5.13 ug/L	216110	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	50
2			Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	38
3			Cyclohexanecarboxylic acid, 4-pr...	340	C20H24N2O3	133856-82-3	38
4			Cyclohexane, 2-propyl-1,1,3-trim...	168	C12H24	081983-70-2	38
5			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
Data File : VW024683.D
Acq On : 29 Sep 2022 17:41
Operator : SY/VA
Sample : N4858-06
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

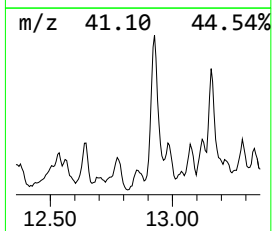
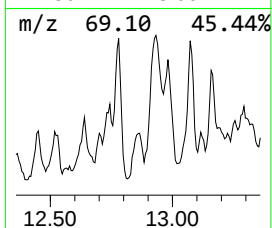
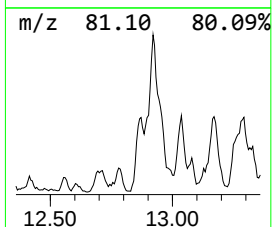
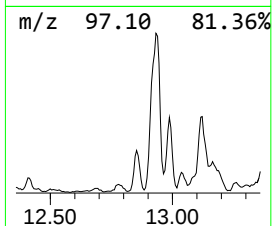
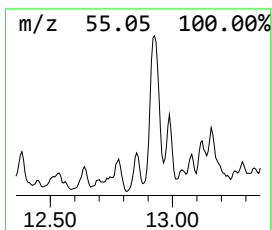
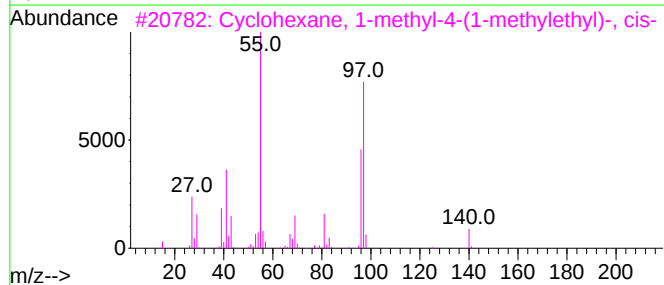
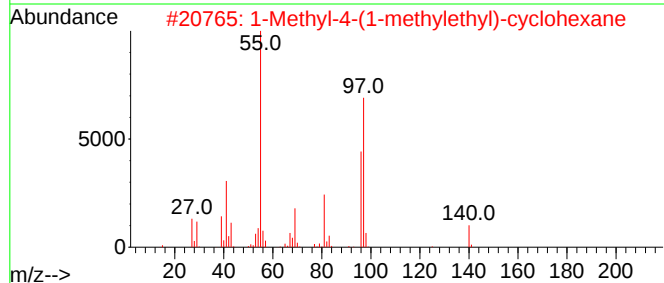
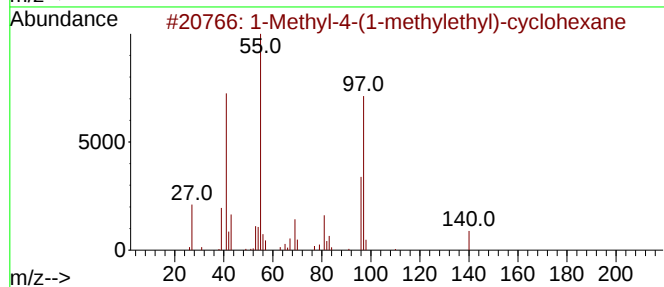
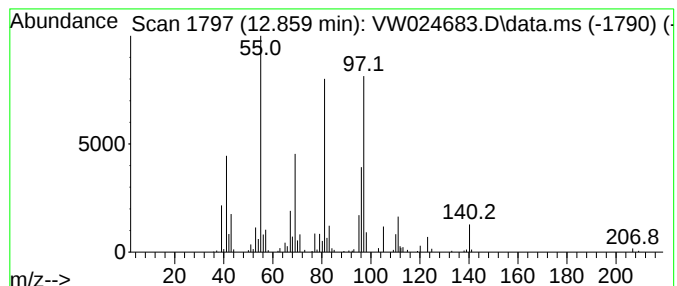
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Cyclic12.859 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.859	3.75 ug/L	158051	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	60
2			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	53
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	53
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	53
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
Data File : VW024683.D
Acq On : 29 Sep 2022 17:41
Operator : SY/VA
Sample : N4858-06
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

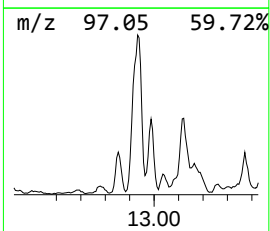
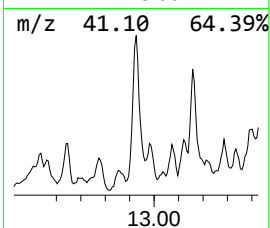
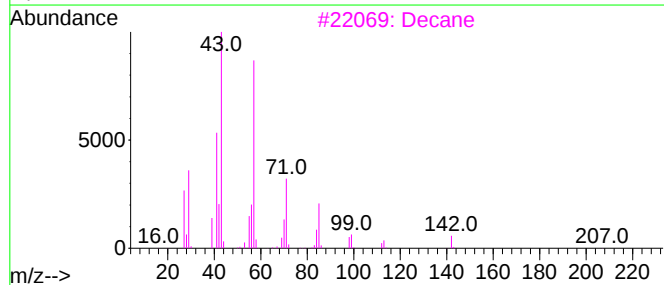
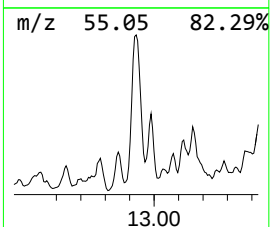
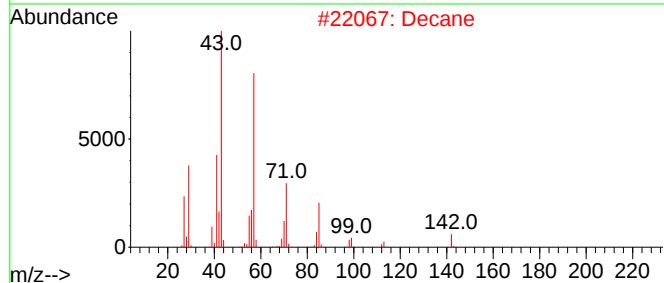
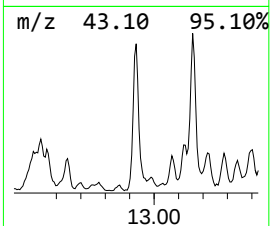
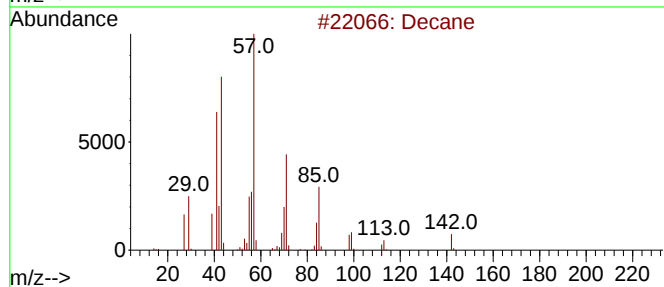
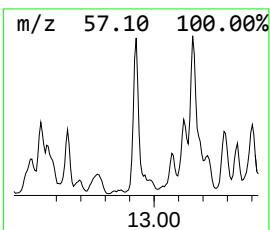
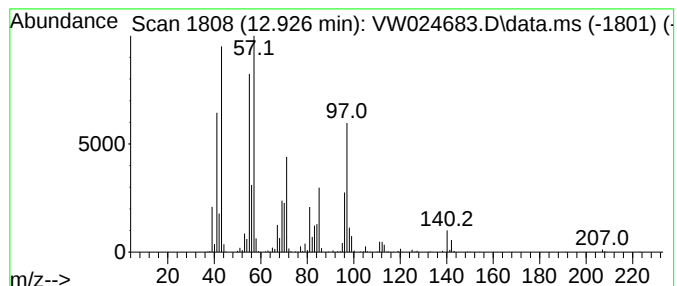
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.926	21.59 ug/L	910052	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	91
2			Decane	142	C10H22	000124-18-5	64
3			Decane	142	C10H22	000124-18-5	64
4			Decane	142	C10H22	000124-18-5	43
5			Cycloheptane, methyl-	112	C8H16	004126-78-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
Data File : VW024683.D
Acq On : 29 Sep 2022 17:41
Operator : SY/VA
Sample : N4858-06
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

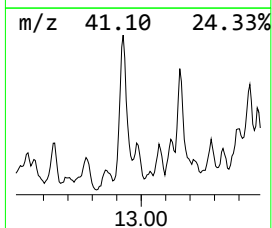
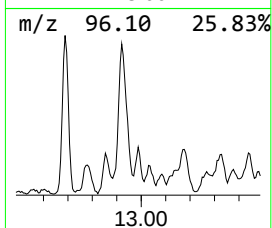
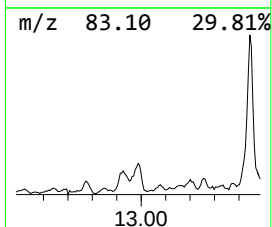
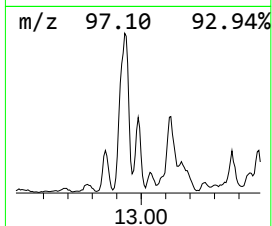
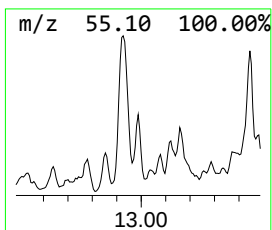
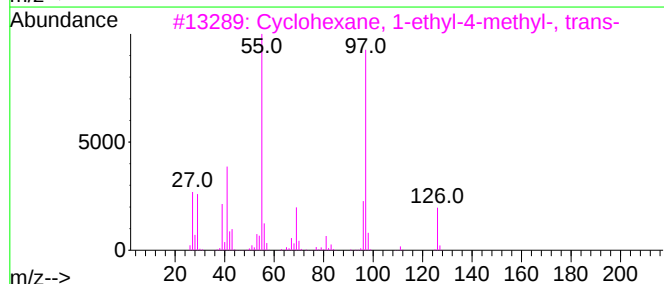
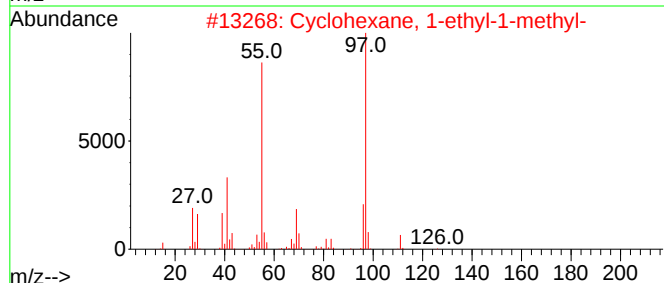
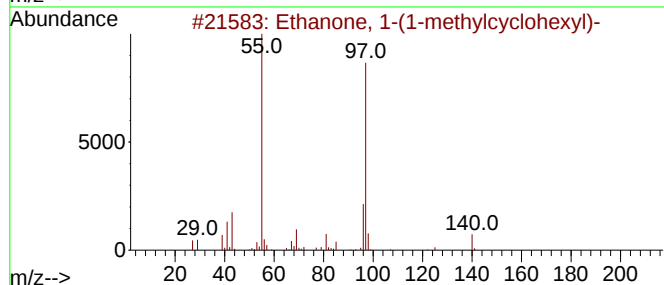
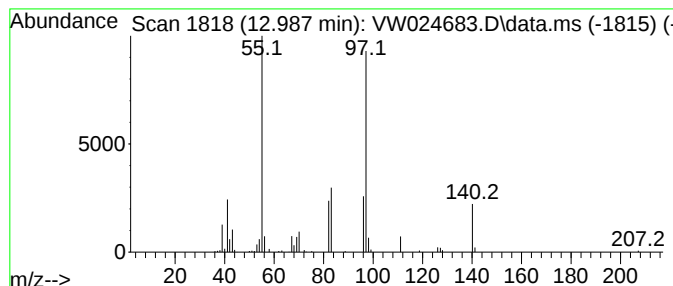
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Quant Title : SFAM01.0

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

Peak Number 13 Ethanone, 1-(1-methylcyclohexyl) Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.987	3.10 ug/L	130714	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	53
2			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	50
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	50
4			Sulfurous acid, cyclohexylmethyl...	206	C9H18O3S	1000309-21-2	50
5			Cyclohexane, 1-methyl-4-(1-methyl...	140	C10H20	001678-82-6	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
Data File : VW024683.D
Acq On : 29 Sep 2022 17:41
Operator : SY/VA
Sample : N4858-06
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

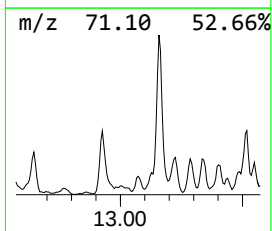
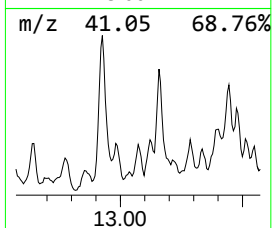
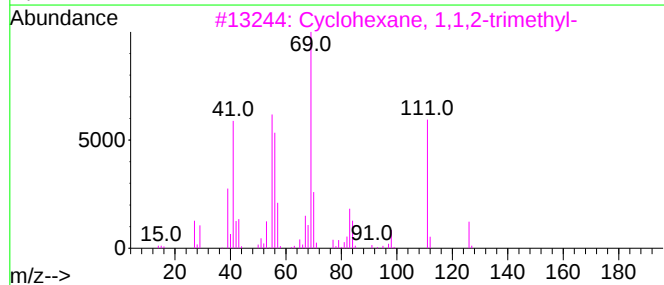
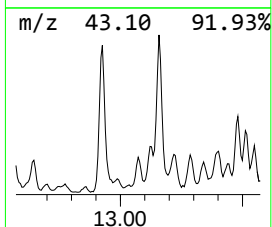
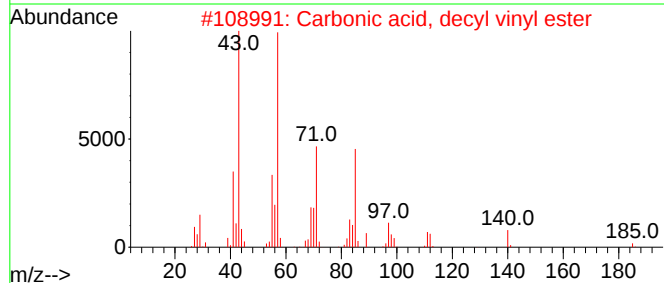
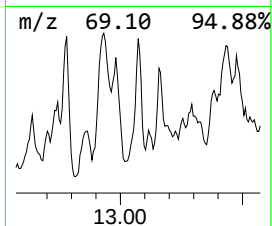
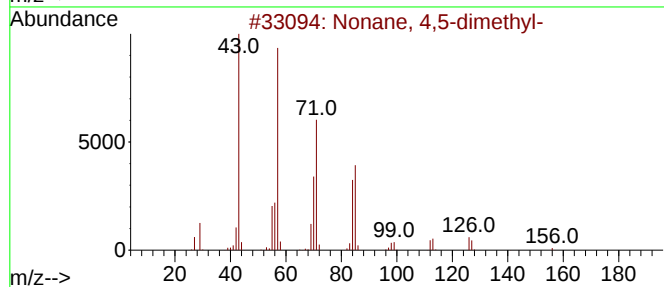
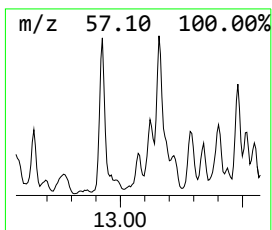
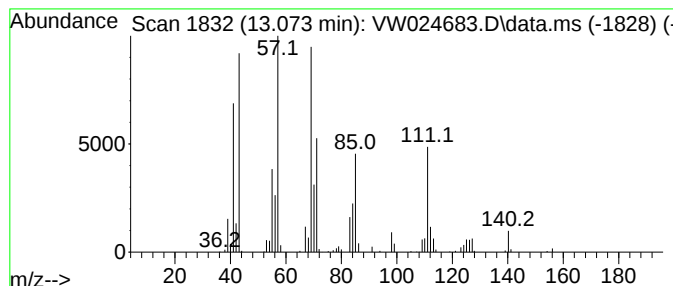
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.073	2.57 ug/L	108260	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	62
2			Carbonic acid, decyl vinyl ester	228	C13H24O3	1000383-25-7	46
3			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	45
4			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	43
5			Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
Data File : VW024683.D
Acq On : 29 Sep 2022 17:41
Operator : SY/VA
Sample : N4858-06
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

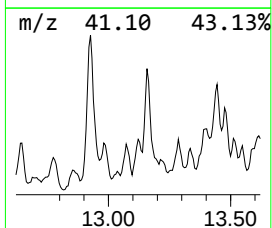
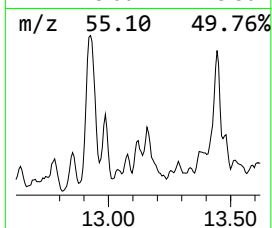
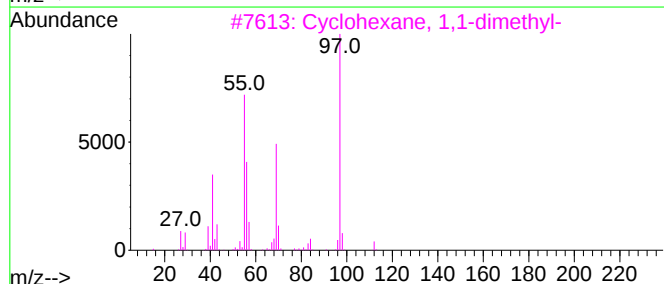
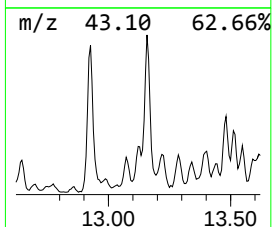
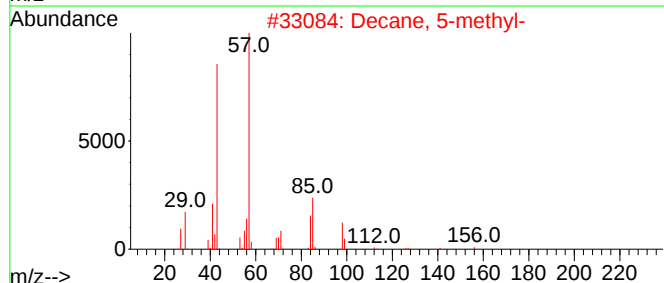
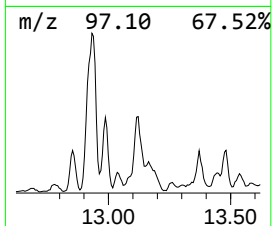
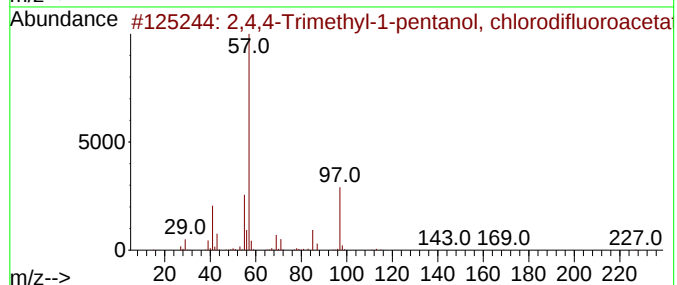
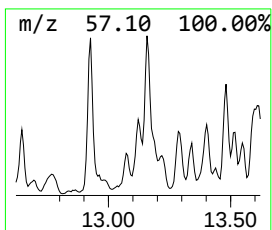
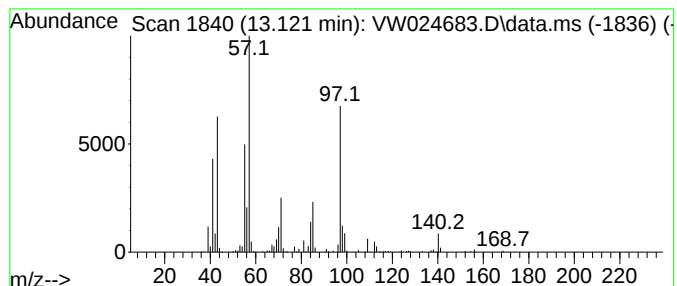
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Quant Title : SFAM01.0

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

Peak Number 15 unknown-03 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.121	3.48 ug/L	146728	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4-Trimethyl-1-pentanol, chlo...	242	C10H17ClF2O2	1000447-27-2	47		
2	Decane, 5-methyl-	156	C11H24	013151-35-4	43		
3	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	43		
4	Decane, 5-methyl-	156	C11H24	013151-35-4	38		
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	38		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
Data File : VW024683.D
Acq On : 29 Sep 2022 17:41
Operator : SY/VA
Sample : N4858-06
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

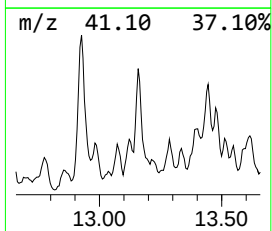
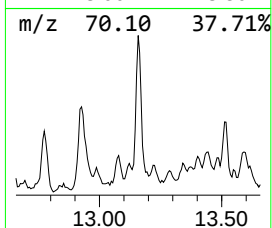
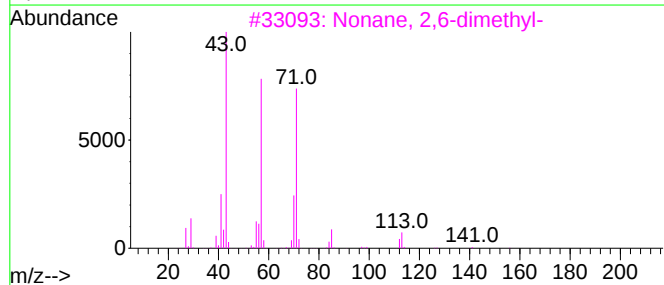
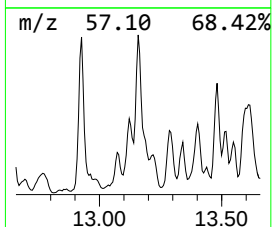
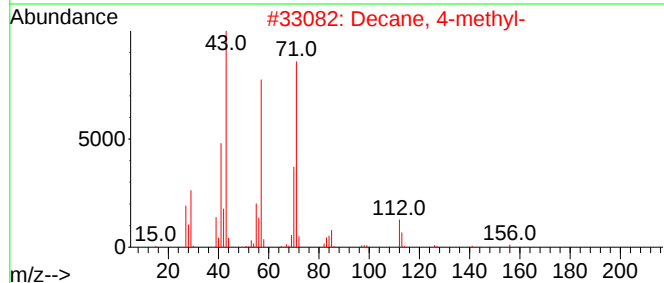
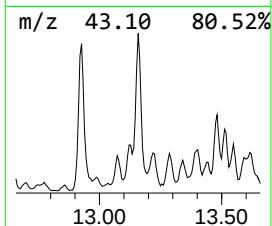
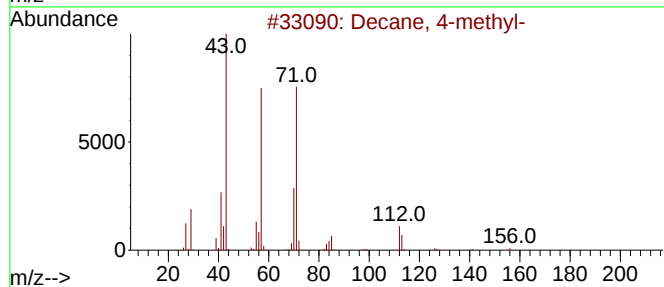
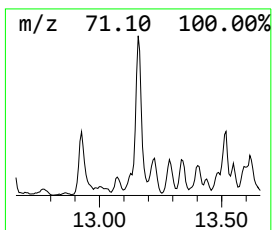
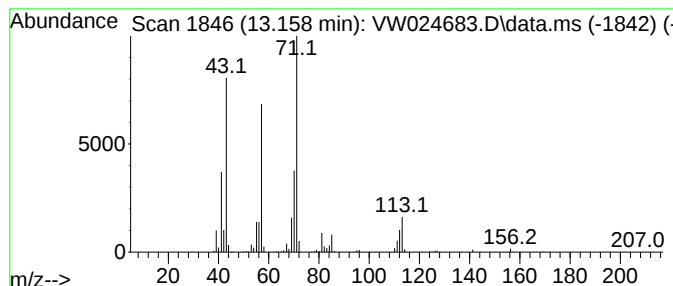
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.158	10.82 ug/L	456177	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	83
2			Decane, 4-methyl-	156	C11H24	002847-72-5	83
3			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	80
4			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	72
5			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
Data File : VW024683.D
Acq On : 29 Sep 2022 17:41
Operator : SY/VA
Sample : N4858-06
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

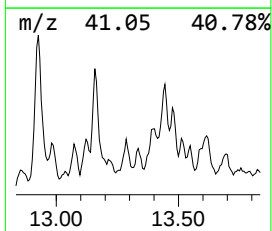
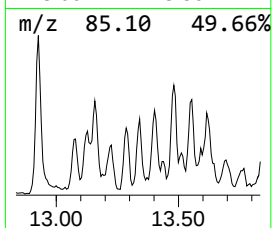
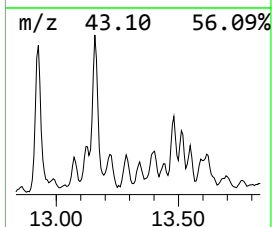
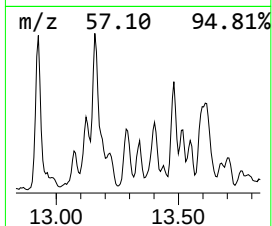
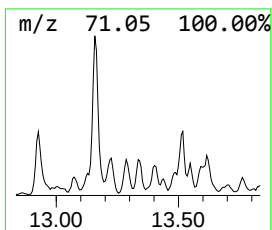
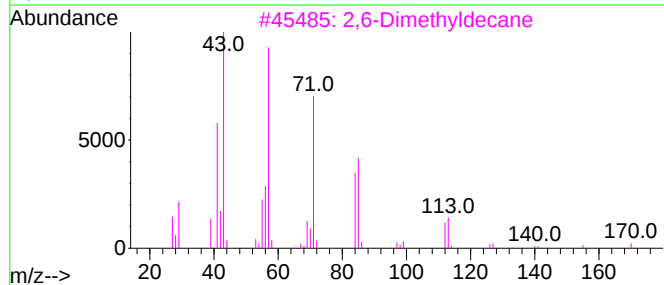
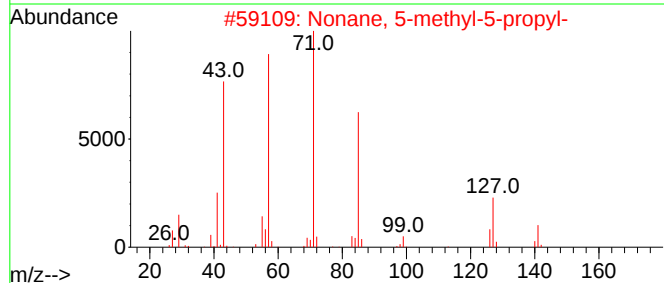
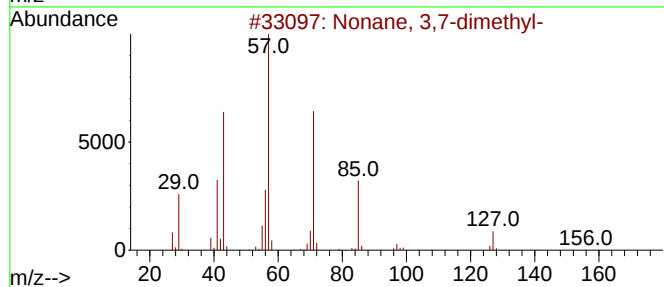
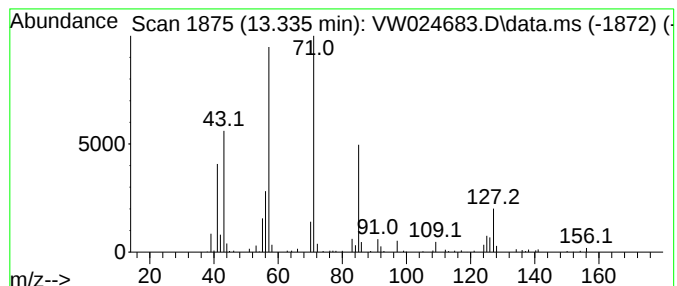
Instrument :
MSVOA_W
ClientSampleId :
BGSF8

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 17 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.335	1.57 ug/L	66035	1,4-Dichlorobenzene-d4	13.554	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	78
2	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	72
3	2,6-Dimethyldecane	170	C12H26	013150-81-7	64
4	Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	64
5	Nonane, 1-iodo-	254	C9H19I	004282-42-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
Data File : VW024683.D
Acq On : 29 Sep 2022 17:41
Operator : SY/VA
Sample : N4858-06
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

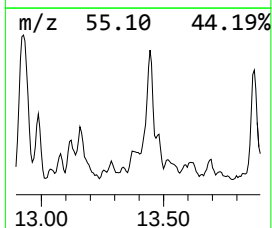
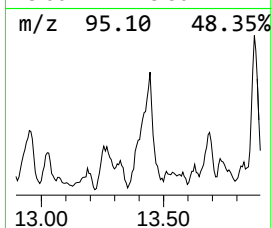
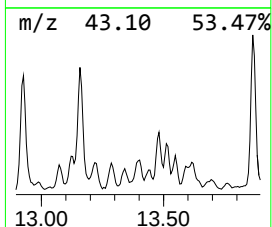
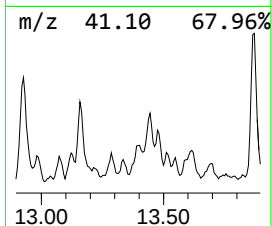
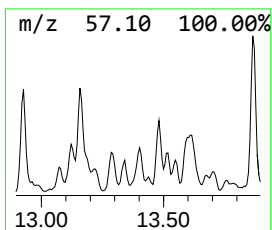
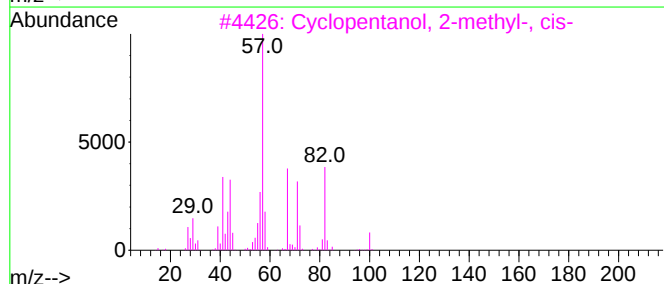
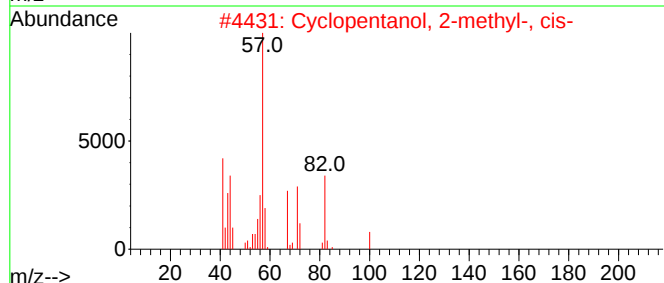
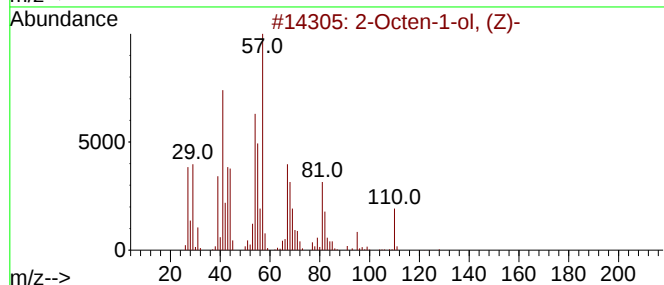
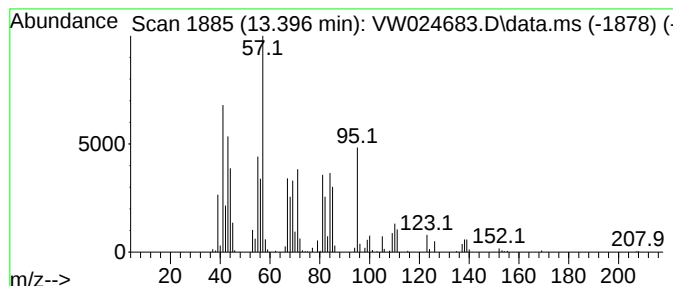
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Quant Title : SFAM01.0

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

Peak Number 18 unknown-04 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.396	5.32 ug/L	223999	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Octen-1-ol, (Z)-	128	C8H16O	026001-58-1	35
2		Cyclopentanol, 2-methyl-, cis-	100	C6H12O	025144-05-2	30
3		Cyclopentanol, 2-methyl-, cis-	100	C6H12O	025144-05-2	30
4		Cyclopentanol, 2-methyl-	100	C6H12O	024070-77-7	30
5		Octanal	128	C8H16O	000124-13-0	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
Data File : VW024683.D
Acq On : 29 Sep 2022 17:41
Operator : SY/VA
Sample : N4858-06
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

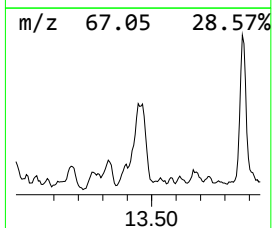
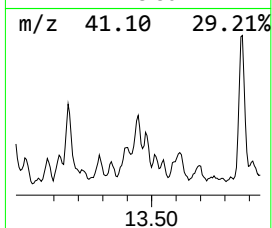
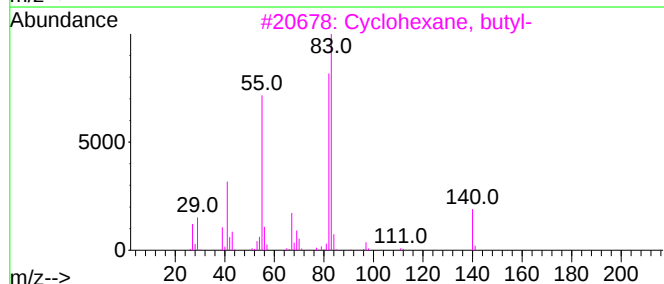
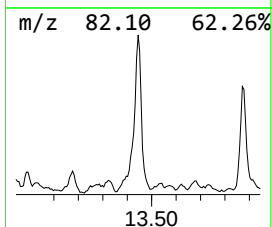
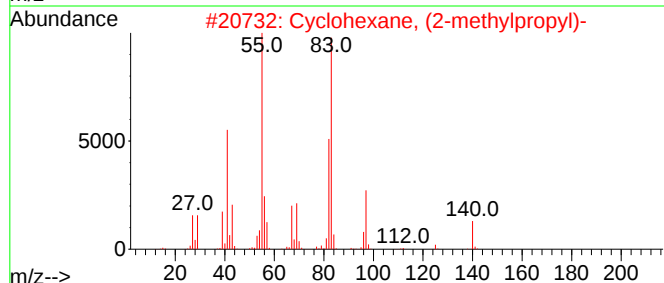
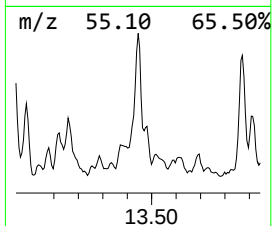
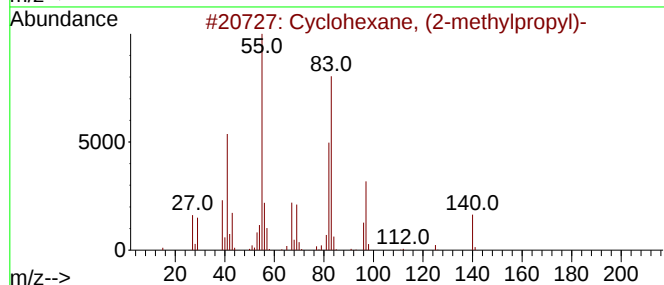
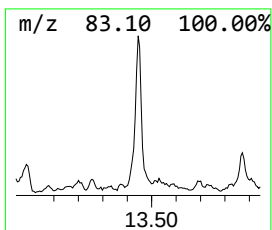
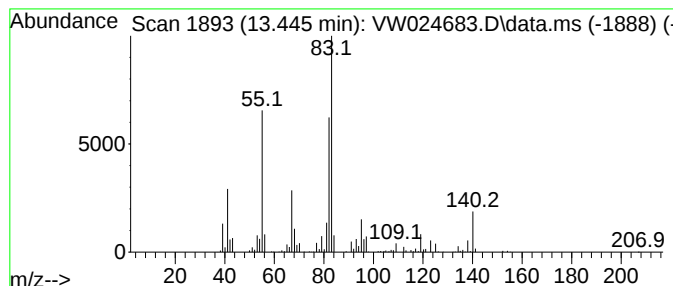
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Cyclic13.445 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.445	7.71 ug/L	324845	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
2			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	68
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	68
5			Cyclohexane, butyl-	140	C10H20	001678-93-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
Data File : VW024683.D
Acq On : 29 Sep 2022 17:41
Operator : SY/VA
Sample : N4858-06
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

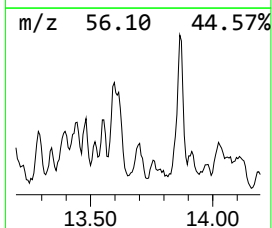
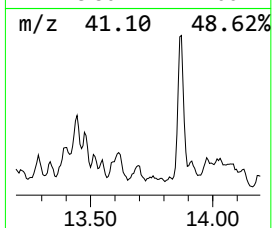
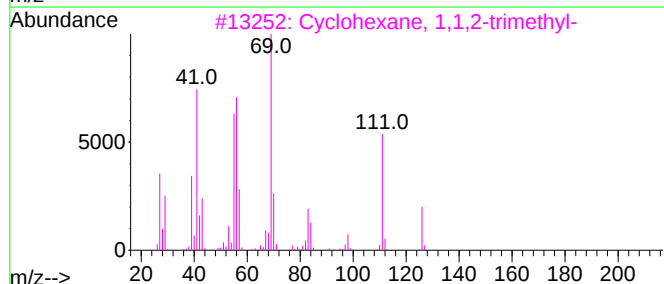
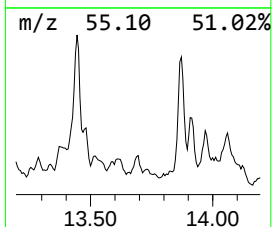
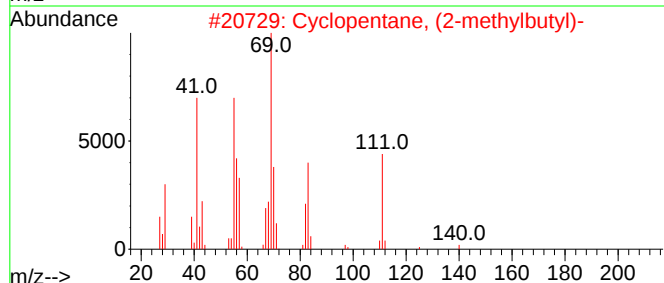
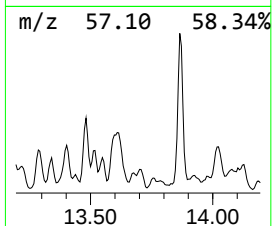
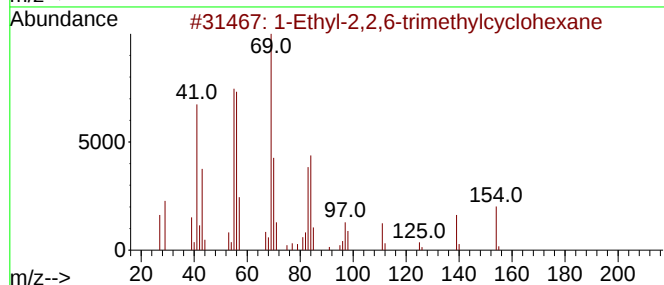
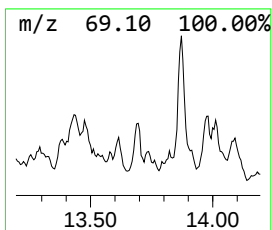
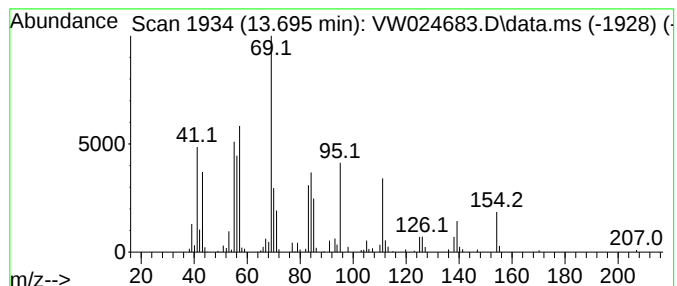
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Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Cyclic13.695 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.695	3.29 ug/L	138614	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	62
2		Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	60
3		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	49
4		2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	47
5		2-Dodecene, 4-methyl-	182	C13H26	056851-45-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
Data File : VW024683.D
Acq On : 29 Sep 2022 17:41
Operator : SY/VA
Sample : N4858-06
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

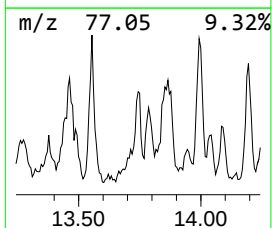
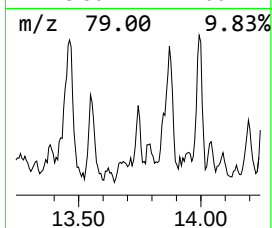
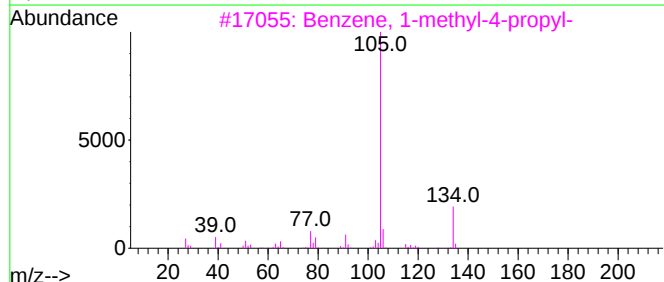
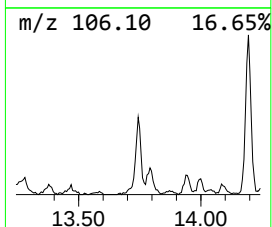
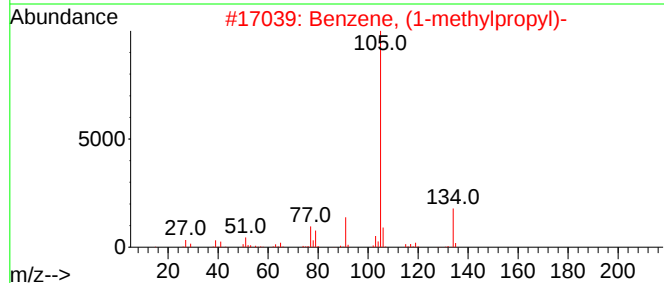
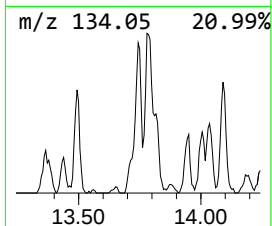
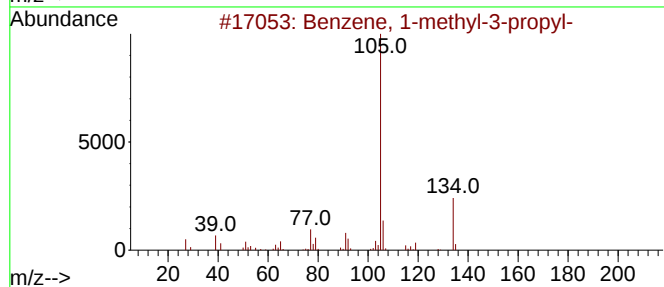
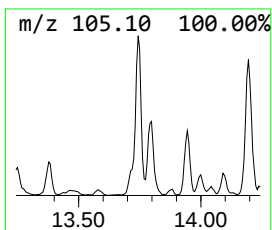
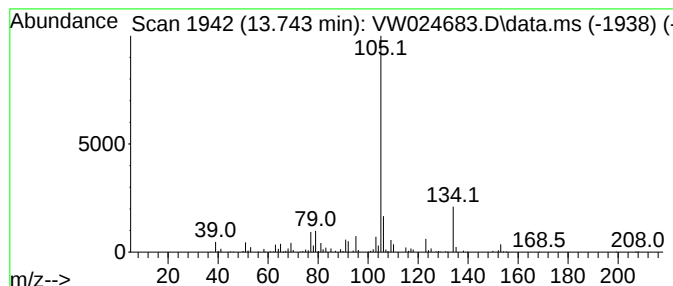
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Quant Title : SFAM01.0

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

Peak Number 21 Benzene, 1-methyl-3-propyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.743	2.29 ug/L	96356	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	70
2			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	64
3			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64
4			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64
5			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
Data File : VW024683.D
Acq On : 29 Sep 2022 17:41
Operator : SY/VA
Sample : N4858-06
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

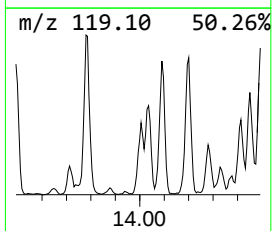
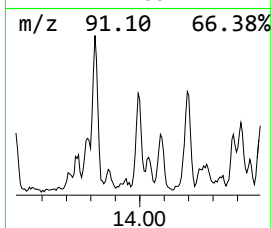
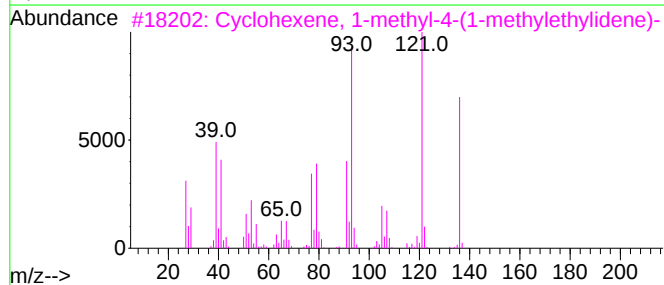
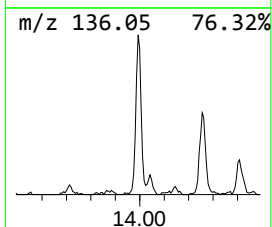
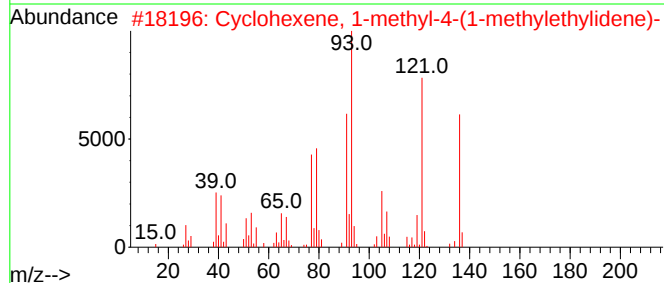
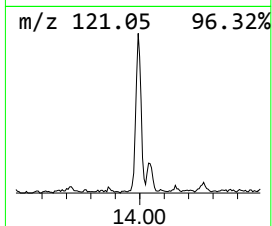
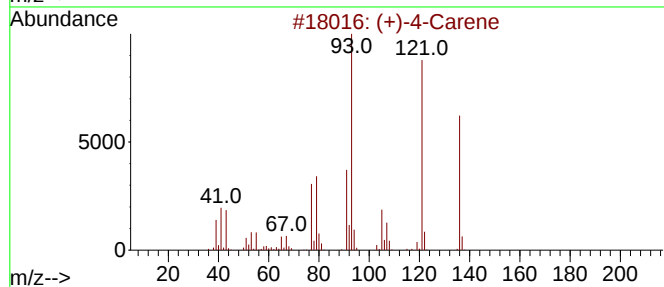
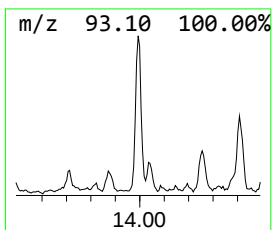
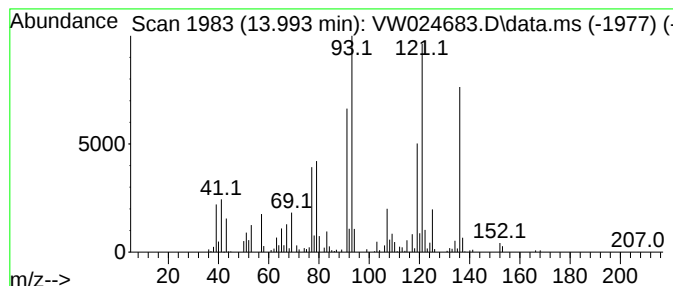
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Quant Title : SFAM01.0

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

Peak Number 22 (+)-4-Carene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.993	5.50 ug/L	231696	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(+)-4-Carene	136	C10H16	029050-33-7	91
2			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	91
3			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	91
4			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	91
5			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
Data File : VW024683.D
Acq On : 29 Sep 2022 17:41
Operator : SY/VA
Sample : N4858-06
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

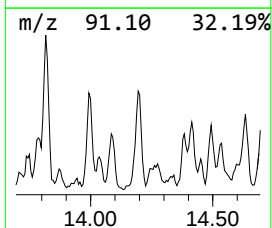
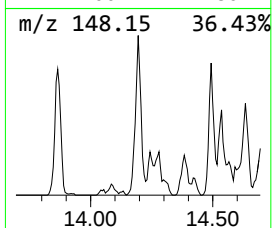
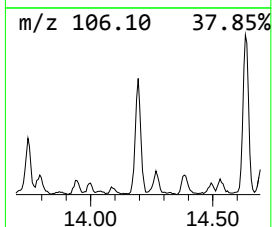
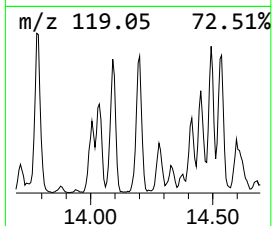
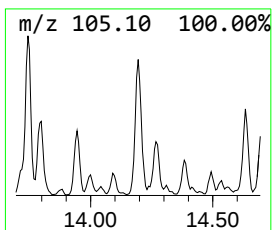
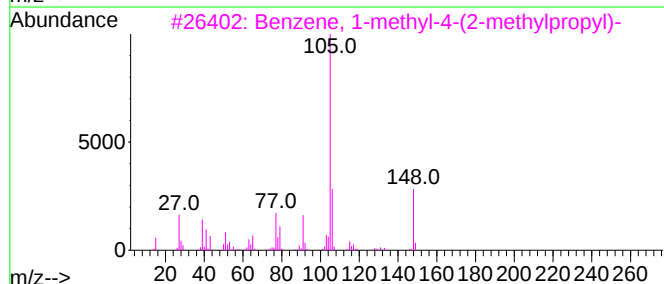
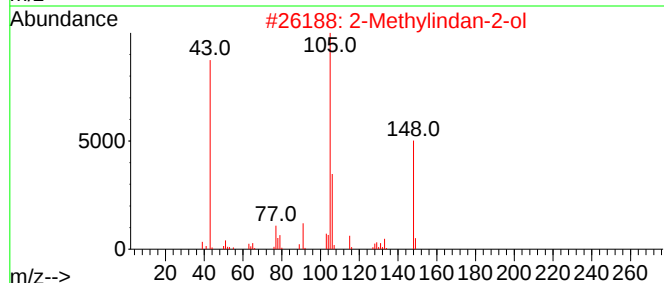
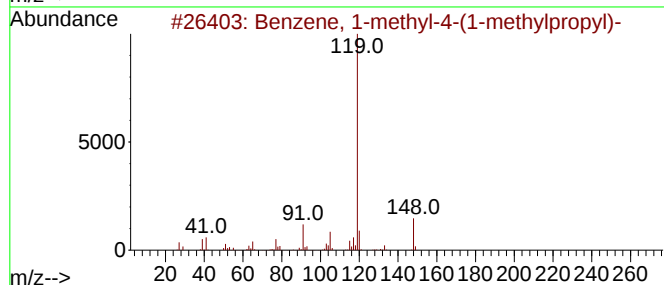
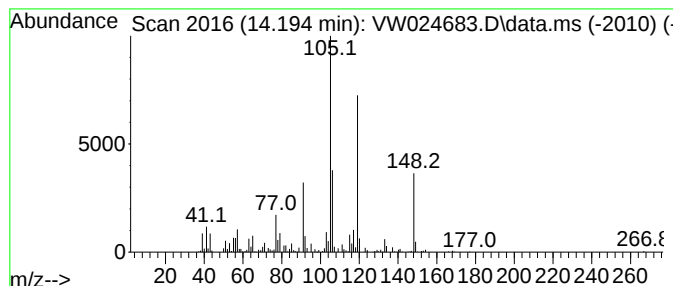
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Quant Title : SFAM01.0

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

Peak Number 23 Benzene, 1-methyl-4-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.194	5.87 ug/L	247226	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	68
2			2-Methylindan-2-ol	148	C10H12O	033223-84-6	55
3			Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	49
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	46
5			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
Data File : VW024683.D
Acq On : 29 Sep 2022 17:41
Operator : SY/VA
Sample : N4858-06
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

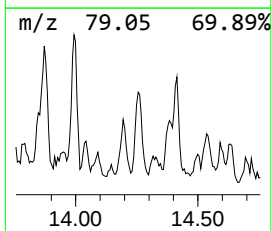
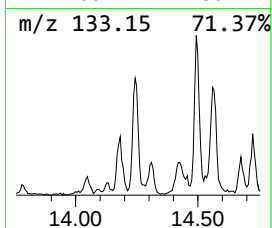
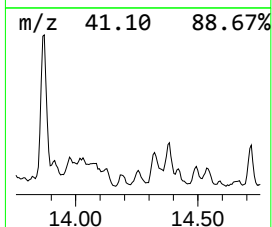
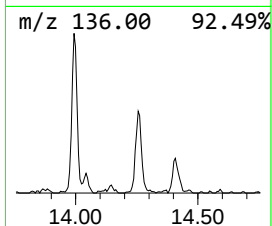
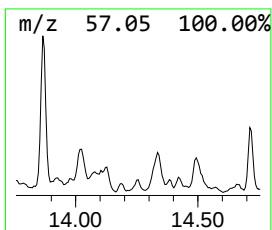
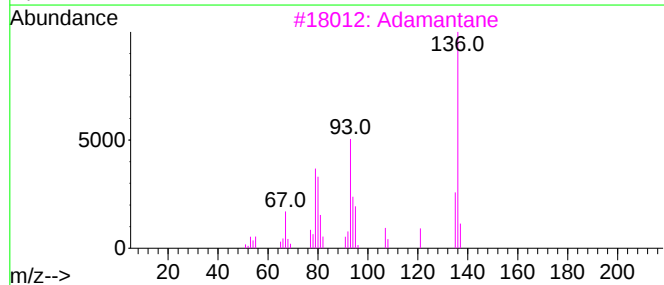
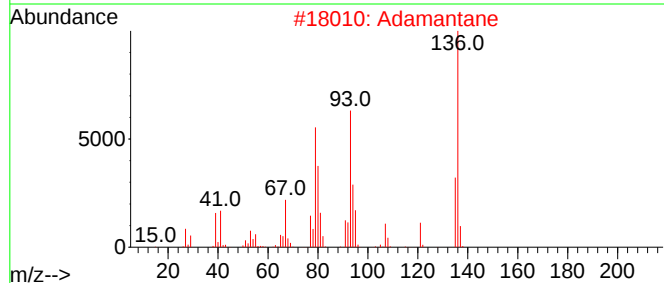
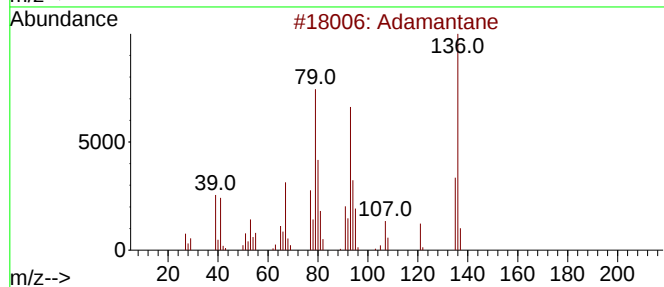
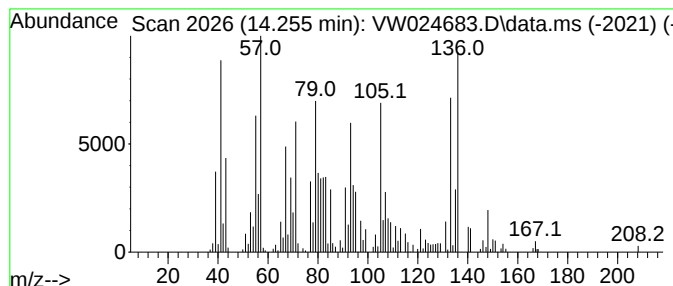
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Quant Title : SFAM01.0

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

Peak Number 24 Adamantane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.255	4.44 ug/L	187322	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane			136	C10H16	000281-23-2	91
2	Adamantane			136	C10H16	000281-23-2	64
3	Adamantane			136	C10H16	000281-23-2	64
4	Adamantane			136	C10H16	000281-23-2	52
5	Adamantane			136	C10H16	000281-23-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
Data File : VW024683.D
Acq On : 29 Sep 2022 17:41
Operator : SY/VA
Sample : N4858-06
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

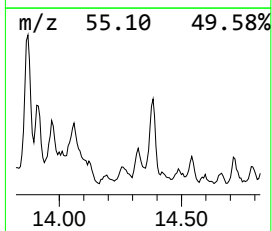
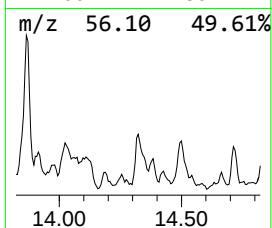
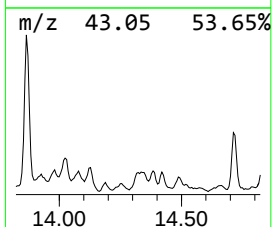
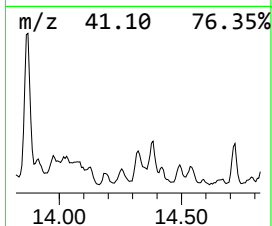
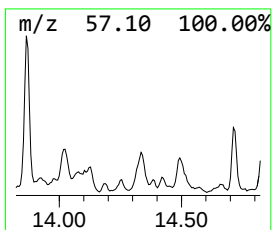
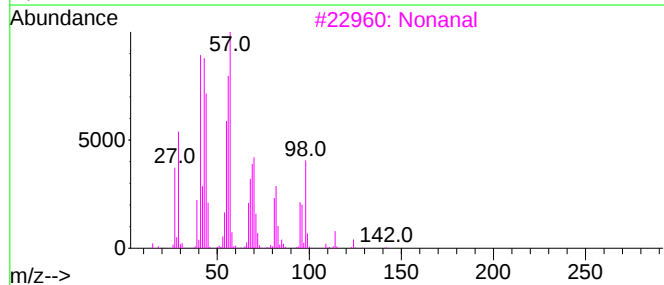
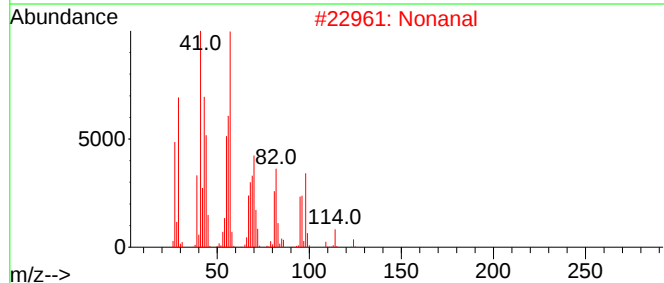
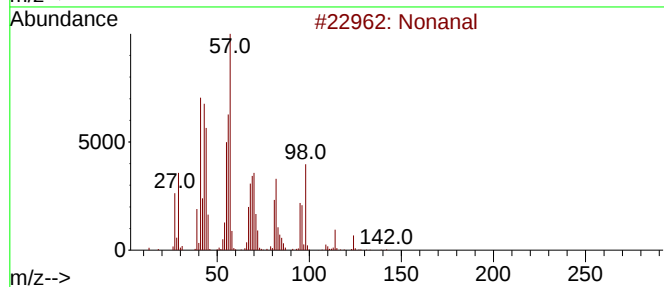
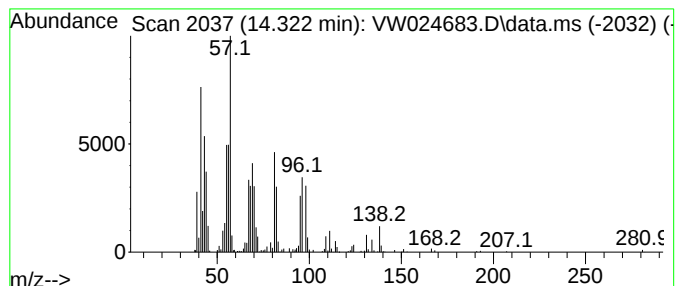
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Quant Title : SFAM01.0

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

Peak Number 25 Nonanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.322	5.69 ug/L	239619	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonanal	142	C9H18O	000124-19-6	59
2			Nonanal	142	C9H18O	000124-19-6	59
3			Nonanal	142	C9H18O	000124-19-6	50
4			Oxirane, tetradecyl-	240	C16H32O	007320-37-8	27
5			3-Heptene	98	C7H14	000592-78-9	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
Data File : VW024683.D
Acq On : 29 Sep 2022 17:41
Operator : SY/VA
Sample : N4858-06
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

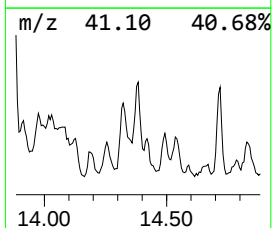
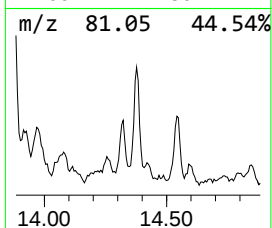
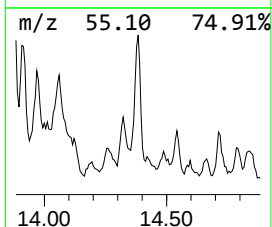
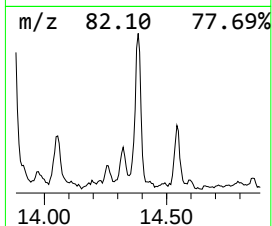
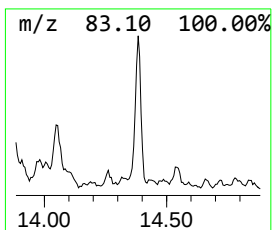
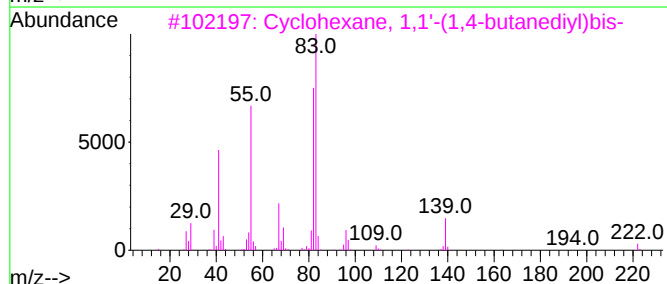
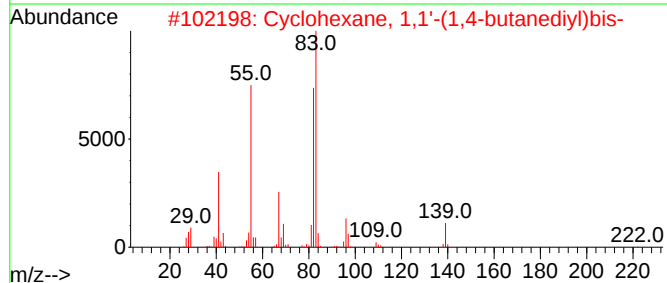
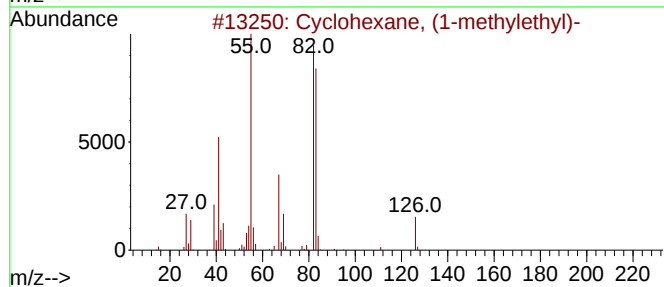
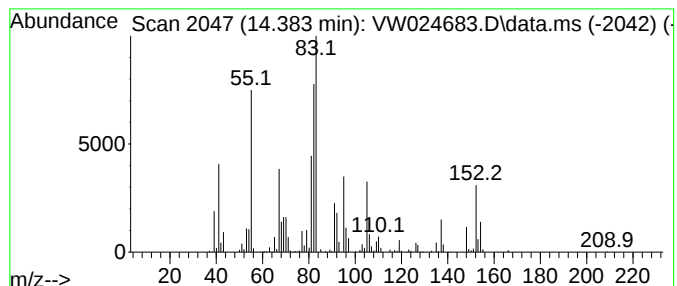
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Quant Title : SFAM01.0

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

Peak Number 26 (DEL) Alkane: Cyclic14.383 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.383	7.82 ug/L	329755	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	52
2			Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	50
3			Cyclohexane, 1,1'-(1,4-butanediyl)-	222	C16H30	006165-44-2	50
4			Cyclohexane, 1,1'-(1,3-propanediyl)-	208	C15H28	003178-24-3	50
5			1-Methylbicyclo[3.3.0]octane-3,7...	152	C9H12O2	021170-08-1	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
Data File : VW024683.D
Acq On : 29 Sep 2022 17:41
Operator : SY/VA
Sample : N4858-06
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

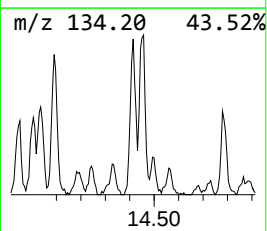
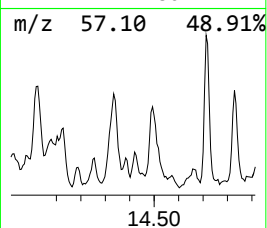
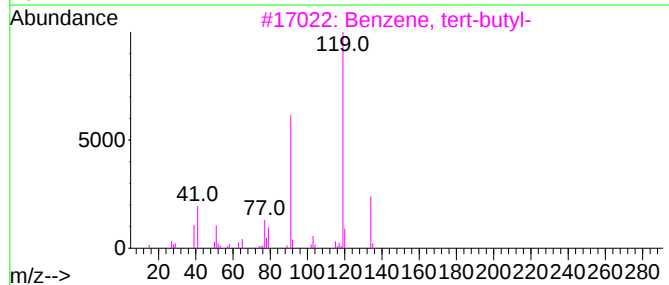
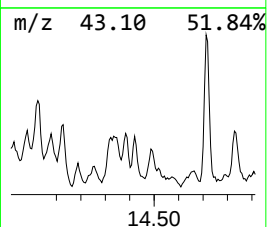
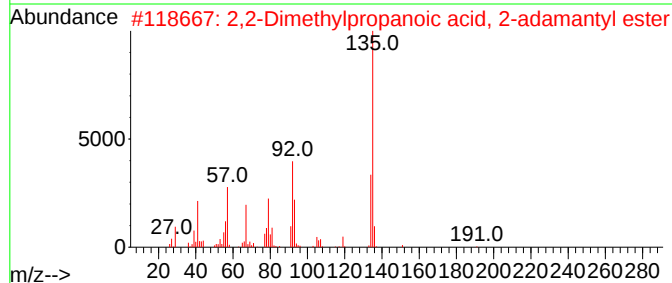
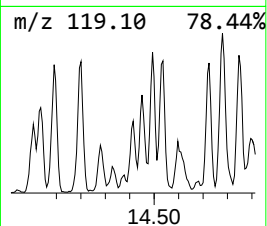
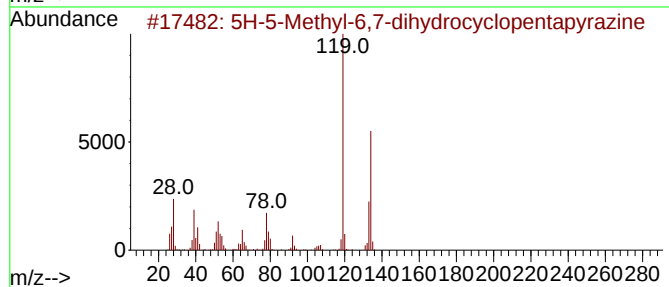
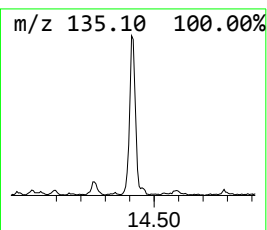
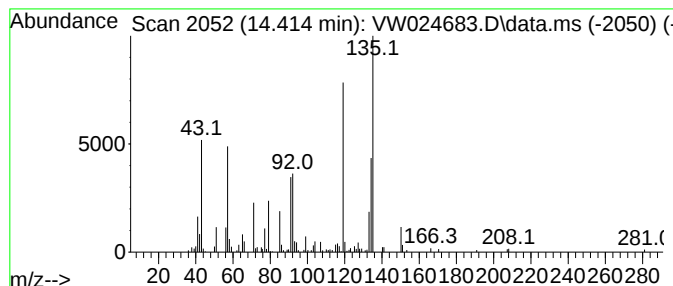
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Quant Title : SFAM01.0

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

Peak Number 27 unknown-05 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.414	2.55 ug/L	107563	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-5-Methyl-6,7-dihydrocyclopent...	134	C8H10N2	023747-48-0	38		
2	2,2-Dimethylpropanoic acid, 2-ad...	236	C15H24O2	1000282-85-0	37		
3	Benzene, tert-butyl-	134	C10H14	000098-06-6	35		
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	25		
5	1H-Pyrazolo[3,4-b]pyridine	119	C6H5N3	000271-73-8	22		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
Data File : VW024683.D
Acq On : 29 Sep 2022 17:41
Operator : SY/VA
Sample : N4858-06
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

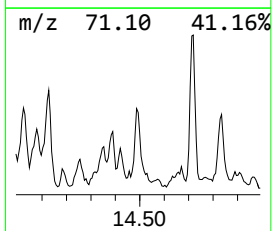
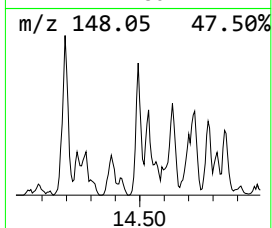
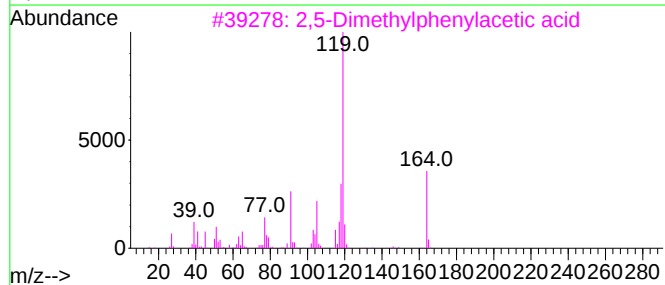
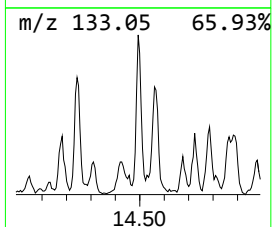
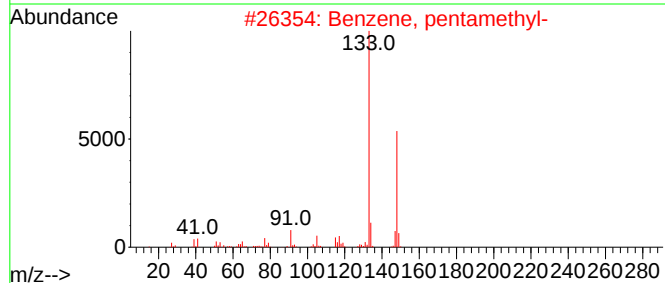
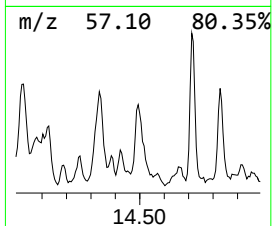
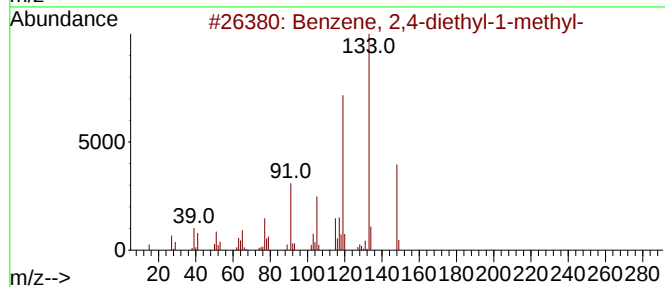
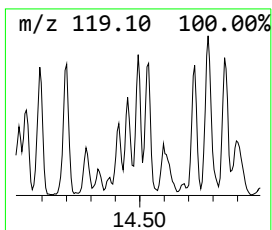
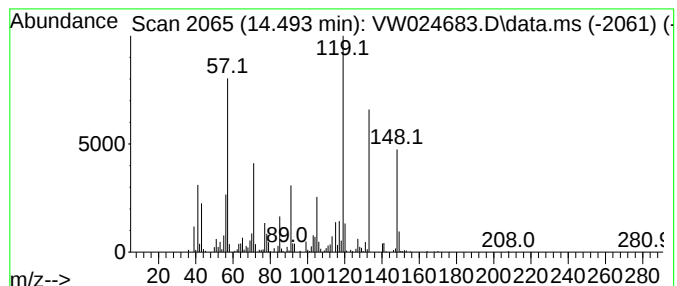
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Quant Title : SFAM01.0

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

Peak Number 28 unknown-06 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.493	4.57 ug/L	192552	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	49
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	46
3			2,5-Dimethylphenylacetic acid	164	C10H12O2	1000342-65-5	38
4			4'-Methylpropiophenone	148	C10H12O	005337-93-9	38
5			Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
Data File : VW024683.D
Acq On : 29 Sep 2022 17:41
Operator : SY/VA
Sample : N4858-06
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

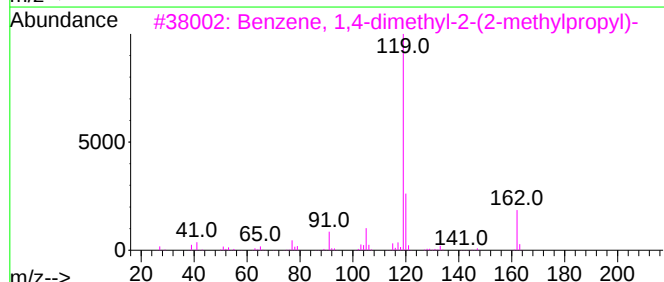
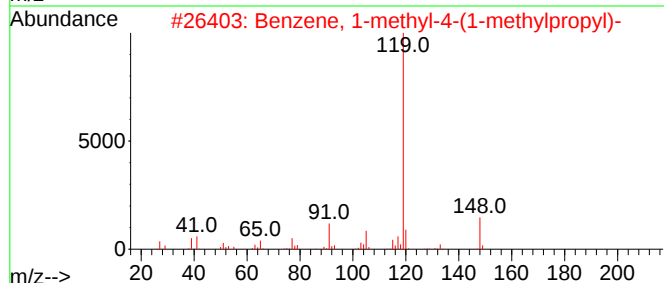
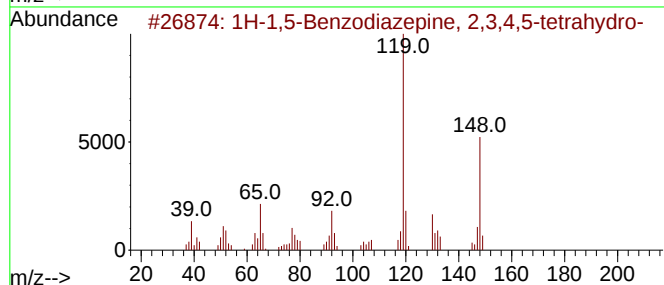
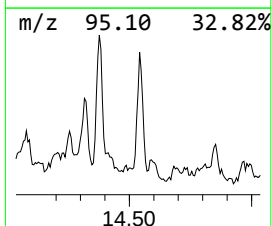
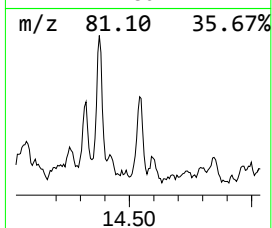
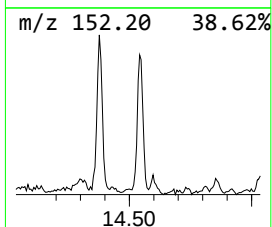
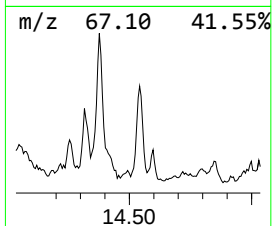
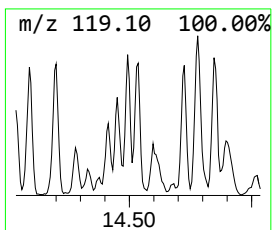
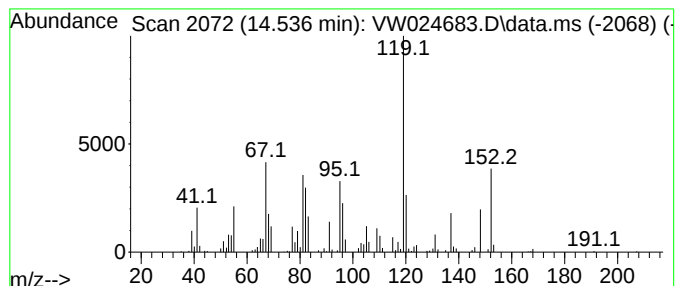
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Quant Title : SFAM01.0

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

Peak Number 29 unknown-07 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.536	4.03 ug/L	169962	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-1,5-Benzodiazepine, 2,3,4,5-t...	148	C9H12N2	006516-89-8	27		
2	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	25		
3	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	22		
4	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	22		
5	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	22		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
Data File : VW024683.D
Acq On : 29 Sep 2022 17:41
Operator : SY/VA
Sample : N4858-06
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

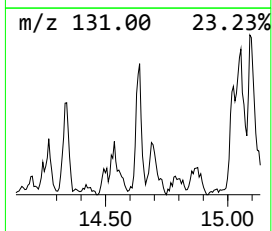
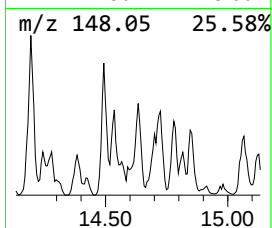
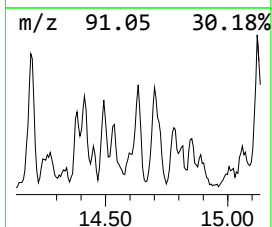
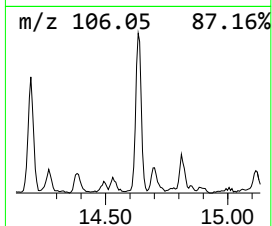
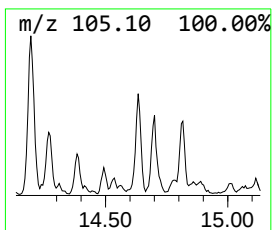
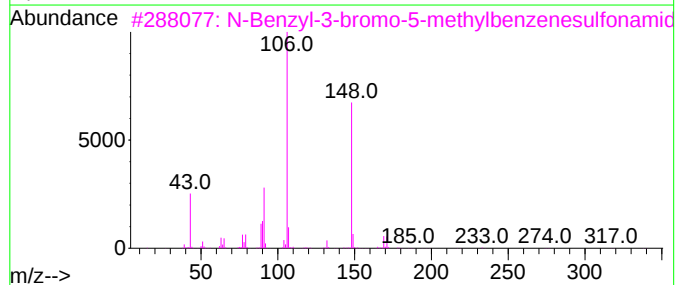
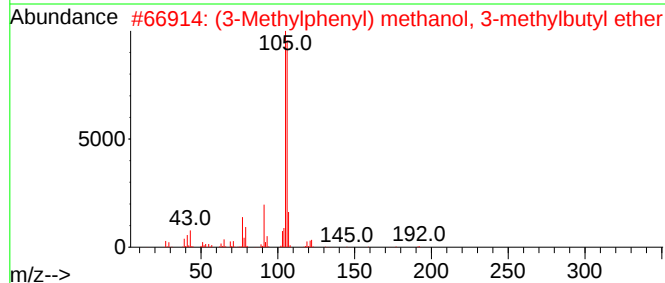
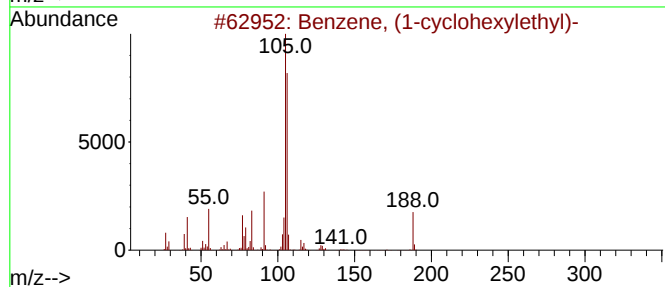
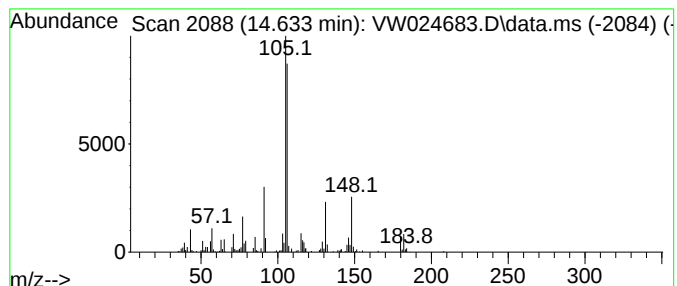
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Quant Title : SFAM01.0

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

Peak Number 30 unknown-08 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.633	2.19 ug/L	92119	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-cyclohexylethyl)-	188	C14H20	004413-16-5	47
2			(3-Methylphenyl) methanol, 3-met...	192	C13H20O	1000374-58-6	47
3			N-Benzyl-3-bromo-5-methylbenzene...	381	C16H16BrNO3S	1000505-09-5	40
4			(1H)Pyrrole-3-carbonitrile, 2-me...	106	C6H6N2	026187-27-9	38
5			Hexane, 2-phenyl-3-propyl-	204	C15H24	1000161-01-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
Data File : VW024683.D
Acq On : 29 Sep 2022 17:41
Operator : SY/VA
Sample : N4858-06
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

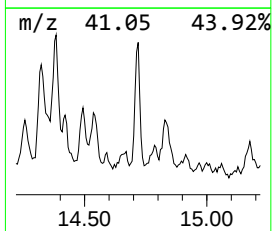
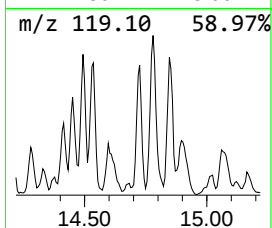
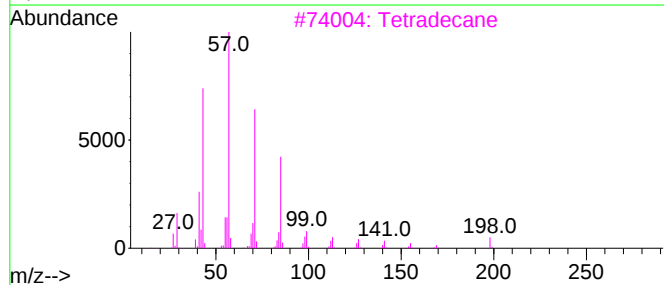
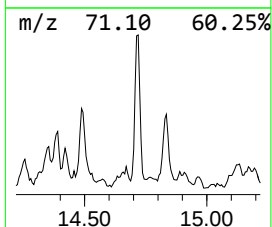
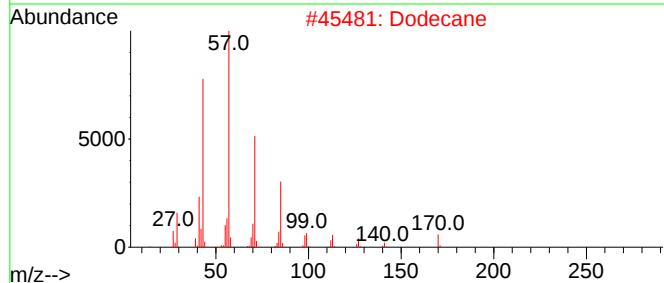
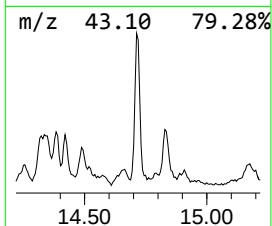
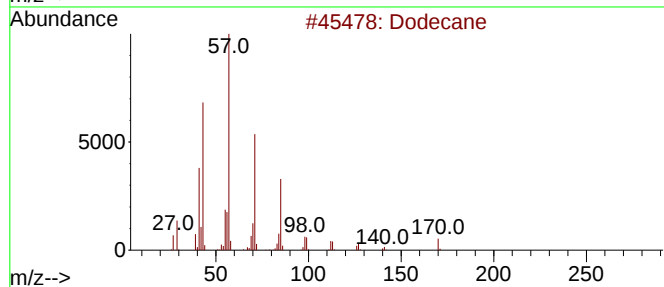
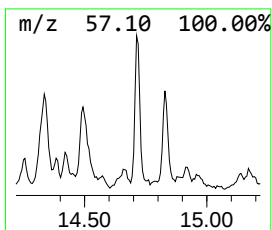
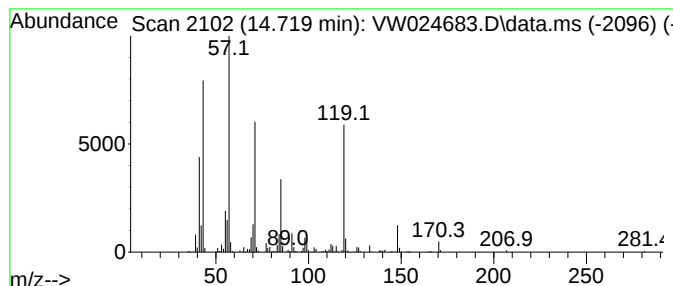
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Quant Title : SFAM01.0

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.719	6.98 ug/L	293963	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane	170	C12H26	000112-40-3	92
2		Dodecane	170	C12H26	000112-40-3	83
3		Tetradecane	198	C14H30	000629-59-4	49
4		Tetradecane	198	C14H30	000629-59-4	49
5		Hexadecane	226	C16H34	000544-76-3	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
Data File : VW024683.D
Acq On : 29 Sep 2022 17:41
Operator : SY/VA
Sample : N4858-06
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

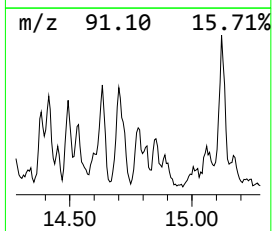
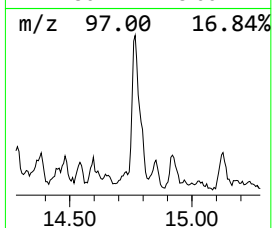
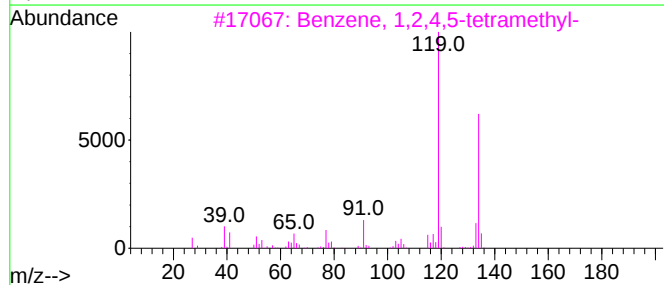
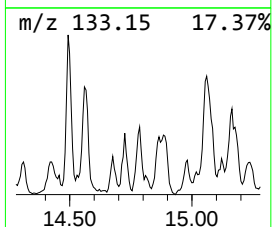
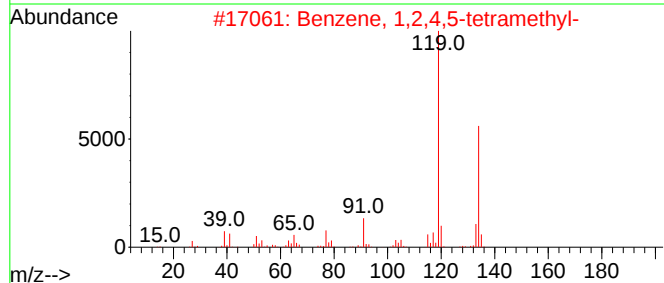
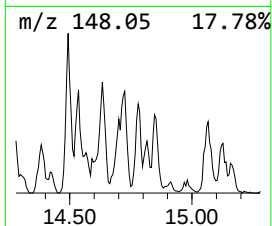
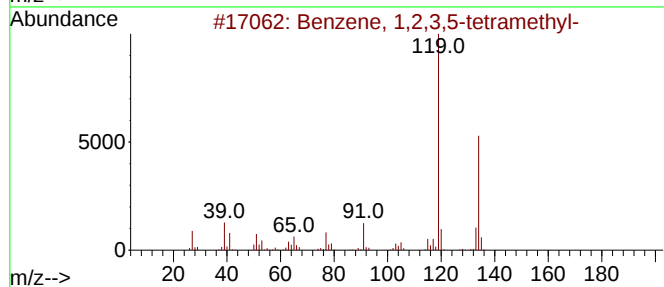
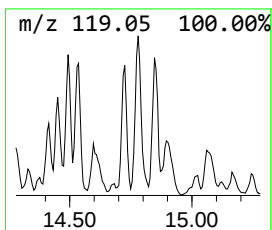
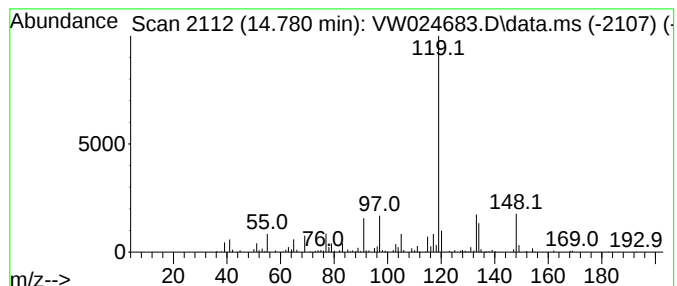
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Quant Title : SFAM01.0

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

Peak Number 32 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.780	3.74 ug/L	157528	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	81
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
4			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	81
5			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
Data File : VW024683.D
Acq On : 29 Sep 2022 17:41
Operator : SY/VA
Sample : N4858-06
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

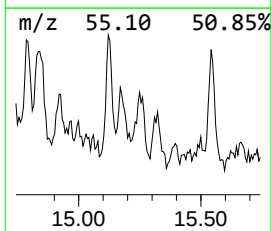
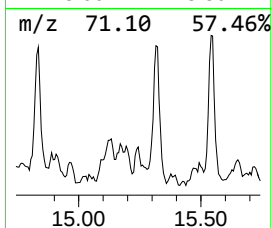
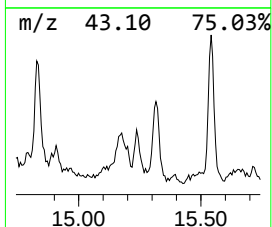
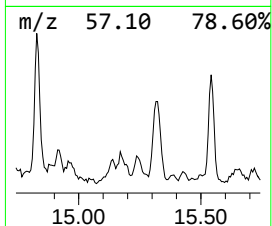
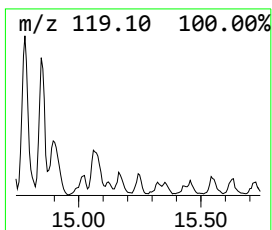
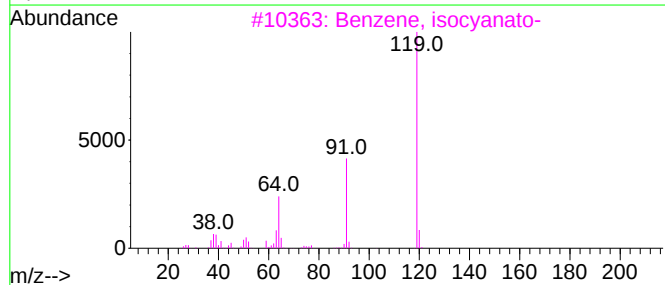
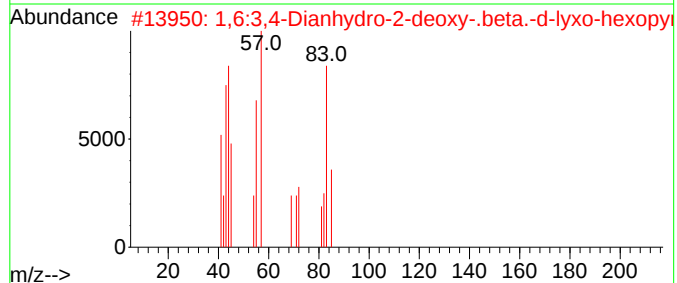
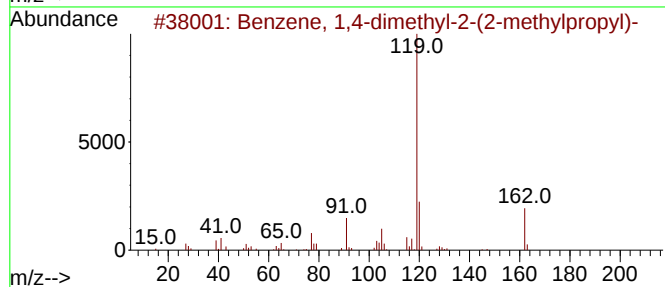
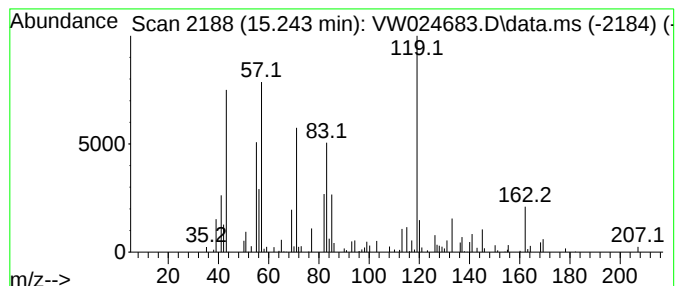
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Quant Title : SFAM01.0

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

Peak Number 33 unknown-09 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.243	1.62 ug/L	68344	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	25
2			1,6:3,4-Dianhydro-2-deoxy-.beta....	128	C6H8O3	050767-53-8	14
3			Benzene, isocyanato-	119	C7H5NO	000103-71-9	14
4			Benzene, isocyanato-	119	C7H5NO	000103-71-9	14
5			Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	11



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
Data File : VW024683.D
Acq On : 29 Sep 2022 17:41
Operator : SY/VA
Sample : N4858-06
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

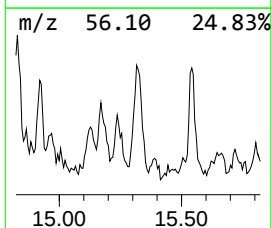
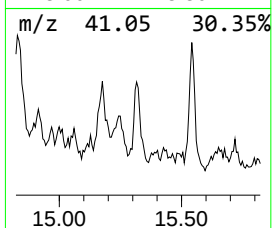
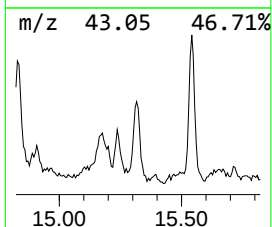
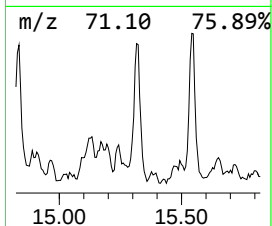
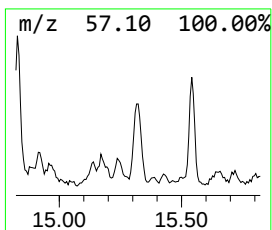
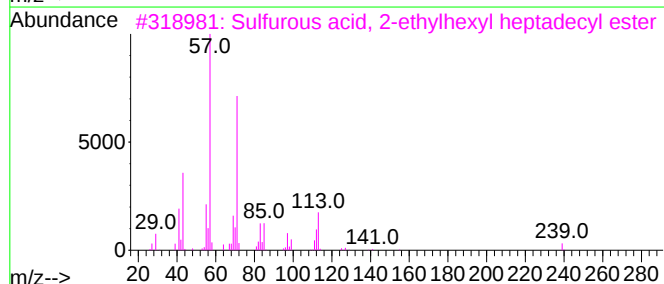
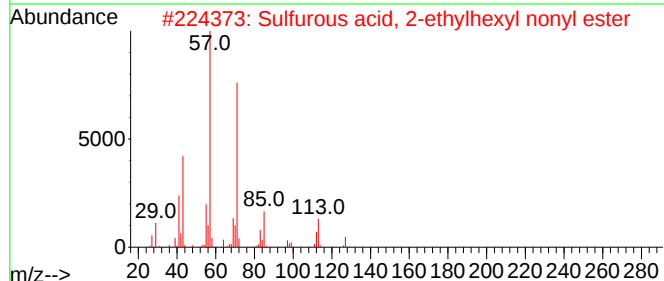
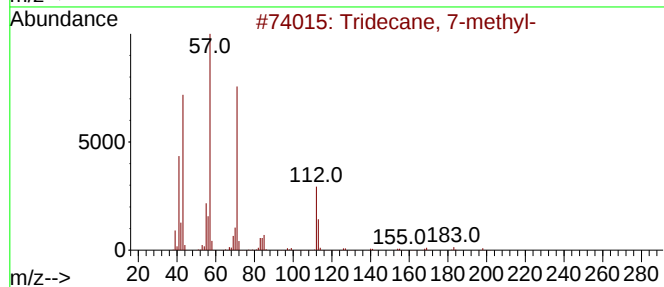
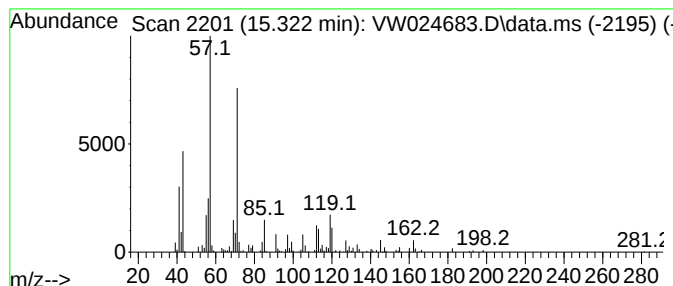
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Quant Title : SFAM01.0

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

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.322	2.39 ug/L	100758	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-methyl-	198	C14H30	026730-14-3	70
2			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	64
3			Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	64
4			Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	59
5			Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
Data File : VW024683.D
Acq On : 29 Sep 2022 17:41
Operator : SY/VA
Sample : N4858-06
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

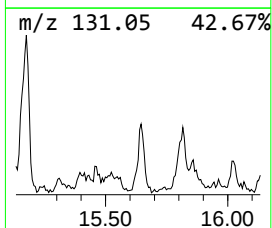
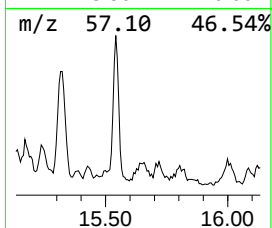
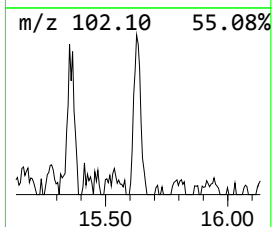
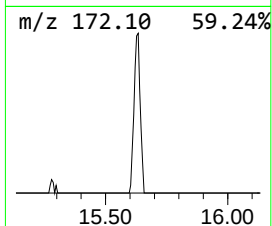
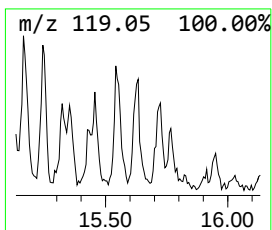
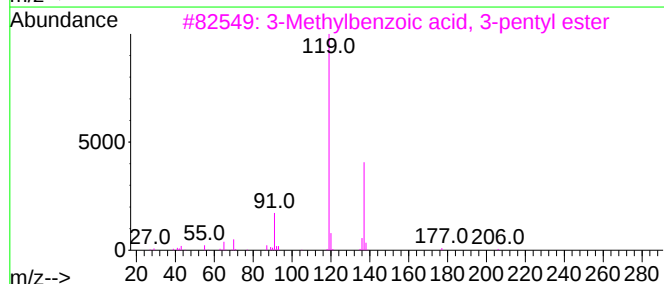
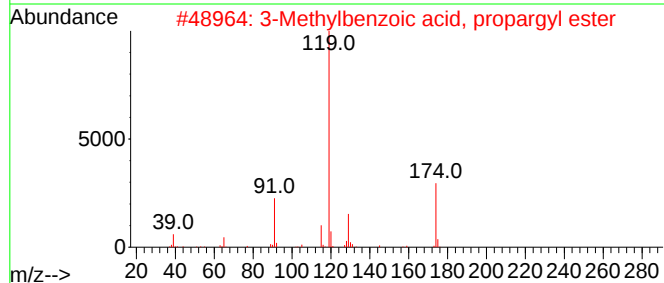
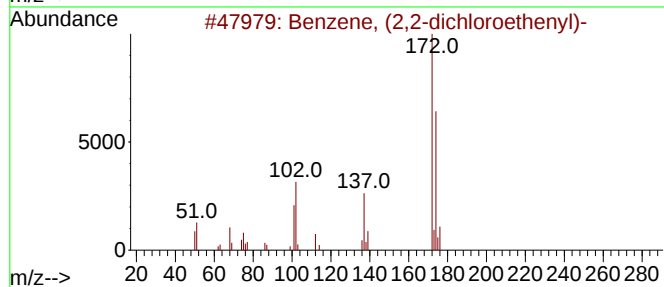
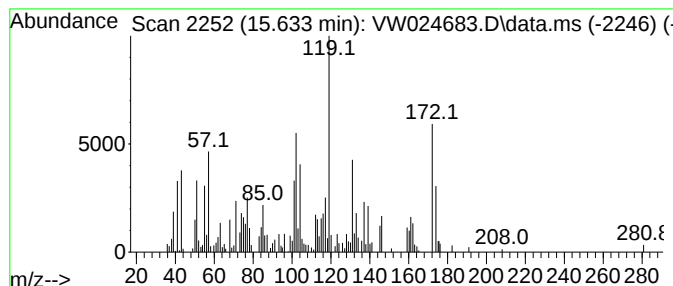
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Quant Title : SFAM01.0

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

Peak Number 35 unknown-10 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.633	2.23 ug/L	93810	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	42
2			3-Methylbenzoic acid, propargyl ...	174	C11H10O2	1000325-71-0	14
3			3-Methylbenzoic acid, 3-pentyl e...	206	C13H18O2	1000325-71-1	14
4			p-Toluic acid, 5-tridecyl ester	318	C21H34O2	1000299-80-5	14
5			2-Methylimidazo[1,2-a]pyridin-3-...	175	C10H13N3	1010508-70-2	11



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
Data File : VW024683.D
Acq On : 29 Sep 2022 17:41
Operator : SY/VA
Sample : N4858-06
Misc : 5.65g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGSF8

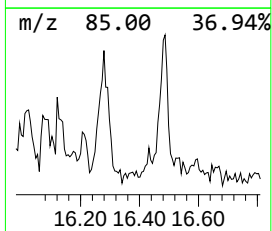
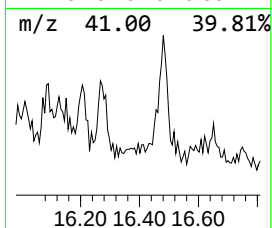
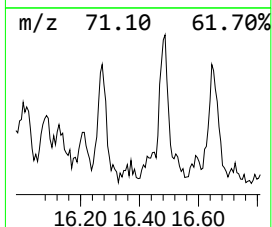
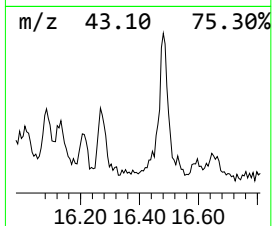
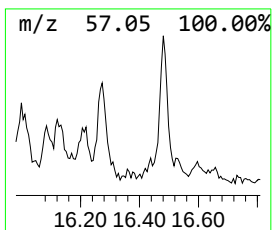
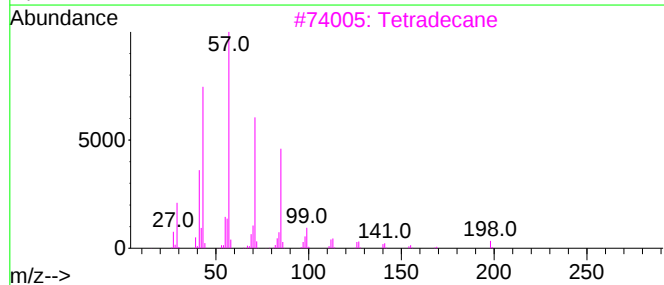
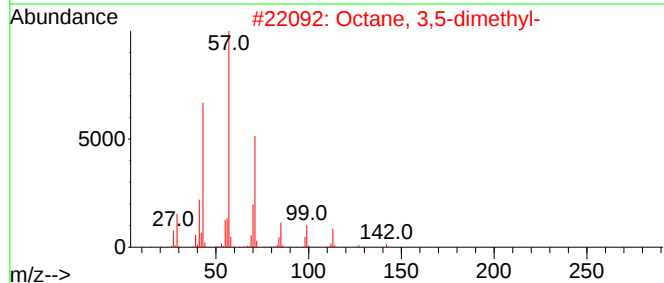
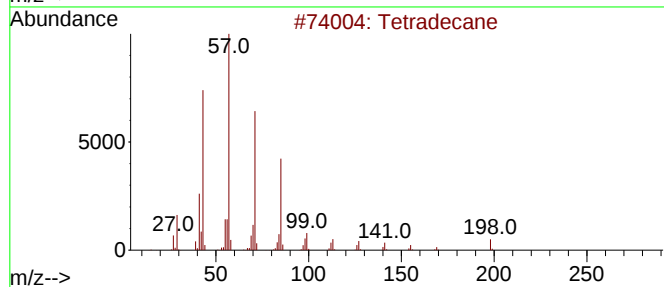
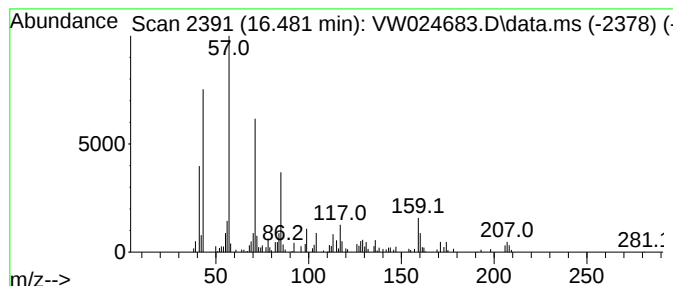
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Quant Title : SFAM01.0

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.481	2.45 ug/L	103315	1,4-Dichlorobenzene-d4	13.554

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	70
2		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
3		Tetradecane	198	C14H30	000629-59-4	58
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	58
5		Hexadecane	226	C16H34	000544-76-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
 Data File : VW024683.D
 Acq On : 29 Sep 2022 17:41
 Operator : SY/VA
 Sample : N4858-06
 Misc : 5.65g/10mL/MSVOA_W/SOIL
 ALS Vial : 16 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	1.9	ug/L	105503	1	8.842	1413410	25.0
unknown-02	11.067	2.3	ug/L	139985	2	11.628	1498310	25.0
(DEL) Alkane: S...	11.841	1.3	ug/L	78925	2	11.628	1498310	25.0
(DEL) Alkane: S...	12.134	1.7	ug/L	100950	2	11.628	1498310	25.0
(DEL) Alkane: S...	12.250	1.6	ug/L	92690	2	11.628	1498310	25.0
Heptanal	12.335	5.3	ug/L	317005	2	11.628	1498310	25.0
(DEL) Alkane: S...	12.536	2.1	ug/L	125918	2	11.628	1498310	25.0
(DEL) Alkane: C...	12.774	5.1	ug/L	216110	3	13.554	1053600	25.0
(DEL) Alkane: C...	12.859	3.8	ug/L	158051	3	13.554	1053600	25.0
(DEL) Alkane: S...	12.926	21.6	ug/L	910052	3	13.554	1053600	25.0
Ethanone, 1-(1-...	12.987	3.1	ug/L	130714	3	13.554	1053600	25.0
(DEL) Alkane: S...	13.073	2.6	ug/L	108260	3	13.554	1053600	25.0
unknown-03	13.121	3.5	ug/L	146728	3	13.554	1053600	25.0
(DEL) Alkane: S...	13.158	10.8	ug/L	456177	3	13.554	1053600	25.0
(DEL) Alkane: S...	13.335	1.6	ug/L	66035	3	13.554	1053600	25.0
unknown-04	13.396	5.3	ug/L	223999	3	13.554	1053600	25.0
(DEL) Alkane: C...	13.445	7.7	ug/L	324845	3	13.554	1053600	25.0
(DEL) Alkane: C...	13.695	3.3	ug/L	138614	3	13.554	1053600	25.0
Benzene, 1-meth...	13.743	2.3	ug/L	96356	3	13.554	1053600	25.0
(+)-4-Carene	13.993	5.5	ug/L	231696	3	13.554	1053600	25.0
Benzene, 1-meth...	14.194	5.9	ug/L	247226	3	13.554	1053600	25.0
Adamantane	14.255	4.4	ug/L	187322	3	13.554	1053600	25.0
Nonanal	14.322	5.7	ug/L	239619	3	13.554	1053600	25.0
(DEL) Alkane: C...	14.383	7.8	ug/L	329755	3	13.554	1053600	25.0
unknown-05	14.414	2.5	ug/L	107563	3	13.554	1053600	25.0
unknown-06	14.493	4.6	ug/L	192552	3	13.554	1053600	25.0
unknown-07	14.536	4.0	ug/L	169962	3	13.554	1053600	25.0
unknown-08	14.633	2.2	ug/L	92119	3	13.554	1053600	25.0
(DEL) Alkane: S...	14.719	7.0	ug/L	293963	3	13.554	1053600	25.0
Benzene, 1,2,3,...	14.780	3.7	ug/L	157528	3	13.554	1053600	25.0
unknown-09	15.243	1.6	ug/L	68344	3	13.554	1053600	25.0
(DEL) Alkane: S...	15.322	2.4	ug/L	100758	3	13.554	1053600	25.0
unknown-10	15.633	2.2	ug/L	93810	3	13.554	1053600	25.0
(DEL) Alkane: S...	16.481	2.5	ug/L	103315	3	13.554	1053600	25.0