

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
 Data File : VW025950.D
 Acq On : 11 May 2023 12:38
 Operator : SY/MD
 Sample : 02689-23
 Misc : 2.82g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JREQ0

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\SFAMWLM050123SMA.M
 Title : SFAM01.0

Signal : TIC: VW025950.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.162	40	45	52	rBV4	18557	53160	1.90%	0.198%
2	2.363	72	78	94	rVB	143250	372358	13.29%	1.389%
3	2.668	122	128	141	rVB2	32392	99926	3.57%	0.373%
4	2.820	149	153	157	rBV7	2841	5476	0.20%	0.020%
5	2.893	157	165	182	rVB	94320	282790	10.09%	1.055%
6	3.125	201	203	211	rVB9	6223	12710	0.45%	0.047%
7	3.393	240	247	255	rBV2	10047	22539	0.80%	0.084%
8	3.881	317	327	331	rBV10	4461	12730	0.45%	0.047%
9	4.021	338	350	361	rBV	294338	957958	34.19%	3.572%
10	4.125	362	367	373	rVV	52536	140284	5.01%	0.523%
11	4.210	373	381	394	rVB	153394	428868	15.31%	1.599%
12	4.917	486	497	509	rVV4	51257	204485	7.30%	0.763%
13	5.009	510	512	521	rVB3	9506	19500	0.70%	0.073%
14	5.356	565	569	572	rBV5	2672	3596	0.13%	0.013%
15	5.765	631	636	637	rBV5	3026	4880	0.17%	0.018%
16	5.795	637	641	648	rVV10	4538	10350	0.37%	0.039%
17	5.941	656	665	675	rVV4	19465	60236	2.15%	0.225%
18	6.203	703	708	711	rBV5	2698	4983	0.18%	0.019%
19	6.752	795	798	803	rBV7	1924	3818	0.14%	0.014%
20	6.984	834	836	839	rBV4	3410	4961	0.18%	0.018%
21	7.081	844	852	860	rVV	80667	235317	8.40%	0.877%
22	7.173	861	867	878	rVB	55279	156440	5.58%	0.583%
23	7.514	919	923	927	rBV7	3030	5214	0.19%	0.019%
24	7.648	935	945	958	rVV	458336	1115620	39.81%	4.160%
25	7.935	988	992	994	rBV5	2339	4144	0.15%	0.015%
26	8.276	1037	1048	1063	rBV2	967470	2802126	100.00%	10.449%
27	8.545	1086	1092	1093	rBV6	3048	4888	0.17%	0.018%
28	8.697	1109	1117	1118	rBV7	6473	11243	0.40%	0.042%
29	8.843	1132	1141	1151	rBV	977182	1911184	68.20%	7.127%
30	9.081	1172	1180	1181	rBV8	4081	9477	0.34%	0.035%
31	9.276	1202	1212	1225	rBV	658267	1356554	48.41%	5.059%
32	9.892	1309	1313	1317	rVB7	2789	4409	0.16%	0.016%
33	10.032	1329	1336	1346	rBV	282207	514050	18.34%	1.917%
34	10.130	1348	1352	1358	rVB4	8924	15390	0.55%	0.057%
35	10.209	1358	1365	1370	rBV3	10263	24934	0.89%	0.093%
36	10.325	1375	1384	1389	rVV	1105760	1967625	70.22%	7.337%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
 Title : SFAM01.0

37	10.386	1389	1394	1405	rVV	1574102	2735099	97.61%	10.199%
38	10.502	1409	1413	1419	rVV4	19816	36103	1.29%	0.135%
39	10.575	1419	1425	1436	rVV	177945	321218	11.46%	1.198%
40	10.703	1439	1446	1451	rVV2	18353	39742	1.42%	0.148%
41	10.758	1451	1455	1461	rVB9	8715	16023	0.57%	0.060%
42	10.855	1467	1471	1475	rBV7	6420	11165	0.40%	0.042%
43	10.922	1475	1482	1495	rBV	303825	547044	19.52%	2.040%
44	11.227	1527	1532	1538	rVB8	7816	15928	0.57%	0.059%
45	11.337	1544	1550	1553	rBV8	3417	6542	0.23%	0.024%
46	11.440	1553	1567	1572	rBV10	8857	31210	1.11%	0.116%
47	11.514	1574	1579	1582	rBV2	7070	9120	0.33%	0.034%
48	11.629	1590	1598	1609	rBV	1015389	1674364	59.75%	6.244%
49	11.727	1609	1614	1618	rBV	16779	31159	1.11%	0.116%
50	11.831	1624	1631	1636	rBV	48340	111641	3.98%	0.416%
51	11.910	1642	1644	1650	rVB5	9739	16338	0.58%	0.061%
52	11.971	1650	1654	1657	rBV6	7892	13197	0.47%	0.049%
53	12.013	1657	1661	1666	rVV6	10824	16326	0.58%	0.061%
54	12.141	1672	1682	1683	rBV4	36666	76321	2.72%	0.285%
55	12.245	1693	1699	1704	rVB3	22938	47005	1.68%	0.175%
56	12.361	1704	1718	1725	rBV6	49665	188213	6.72%	0.702%
57	12.465	1729	1735	1740	rBV3	62155	117664	4.20%	0.439%
58	12.605	1753	1758	1763	rBV2	37336	59809	2.13%	0.223%
59	12.690	1766	1772	1782	rVV	375799	679626	24.25%	2.534%
60	12.775	1782	1786	1794	rVB5	54710	110243	3.93%	0.411%
61	12.861	1794	1800	1804	rBV3	56034	107475	3.84%	0.401%
62	12.922	1804	1810	1823	rVB4	118450	353712	12.62%	1.319%
63	13.025	1823	1827	1831	rVB3	30337	43457	1.55%	0.162%
64	13.074	1831	1835	1838	rBV5	16947	29548	1.05%	0.110%
65	13.160	1845	1849	1858	rBV4	43249	77972	2.78%	0.291%
66	13.245	1859	1863	1869	rBV	58304	103485	3.69%	0.386%
67	13.373	1882	1884	1888	rBV5	7737	8275	0.30%	0.031%
68	13.446	1890	1896	1899	rVV	239018	384262	13.71%	1.433%
69	13.495	1899	1904	1909	rVV	760068	1176518	41.99%	4.387%
70	13.556	1909	1914	1922	rVB	548791	905402	32.31%	3.376%
71	13.623	1922	1925	1926	rBV2	18827	20181	0.72%	0.075%
72	13.751	1942	1946	1949	rBV4	15636	27090	0.97%	0.101%
73	13.848	1955	1962	1971	rBV2	424405	875520	31.24%	3.265%
74	14.025	1986	1991	1992	rBV4	16001	28156	1.00%	0.105%
75	14.062	1994	1997	2005	rVB2	65166	127158	4.54%	0.474%
76	14.129	2005	2008	2014	rVB7	28640	48896	1.74%	0.182%

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 Title : SFAM01.0

77	14.220	2014	2023	2034	rBV3	259640	546782	19.51%	2.039%
78	14.342	2036	2043	2046	rBV5	25610	68590	2.45%	0.256%
79	14.385	2046	2050	2053	rVV4	53044	85318	3.04%	0.318%
80	14.422	2053	2056	2060	rVV3	39360	63413	2.26%	0.236%
81	14.489	2064	2067	2071	rBV2	31604	45394	1.62%	0.169%
82	14.543	2073	2076	2080	rVB5	22091	33629	1.20%	0.125%
83	14.714	2096	2104	2112	rBV	115185	190715	6.81%	0.711%
84	14.793	2112	2117	2120	rBV5	36656	74896	2.67%	0.279%
85	14.836	2120	2124	2131	rVB4	73084	160466	5.73%	0.598%
86	14.958	2139	2144	2149	rVB7	21688	46793	1.67%	0.174%
87	15.056	2155	2160	2165	rBV8	20584	34958	1.25%	0.130%
88	15.238	2187	2190	2198	rVB5	42889	80580	2.88%	0.300%
89	15.318	2198	2203	2209	rBV	86103	141390	5.05%	0.527%
90	15.427	2217	2221	2225	rVB2	36333	53886	1.92%	0.201%
91	15.476	2227	2229	2235	rVV	17746	33032	1.18%	0.123%
92	15.543	2235	2240	2249	rVB	167700	281588	10.05%	1.050%
93	15.653	2249	2258	2262	rBV7	32326	91477	3.26%	0.341%
94	15.720	2266	2269	2275	rVB5	32507	53028	1.89%	0.198%
95	16.080	2324	2328	2331	rBV5	22240	35258	1.26%	0.131%
96	16.129	2333	2336	2340	rBV2	24278	39228	1.40%	0.146%
97	16.214	2346	2350	2355	rVB3	39077	67320	2.40%	0.251%
98	16.275	2355	2360	2367	rVB2	72230	134589	4.80%	0.502%
99	16.482	2389	2394	2400	rBV	192429	347351	12.40%	1.295%
100	16.598	2410	2413	2419	rBV8	18578	35072	1.25%	0.131%

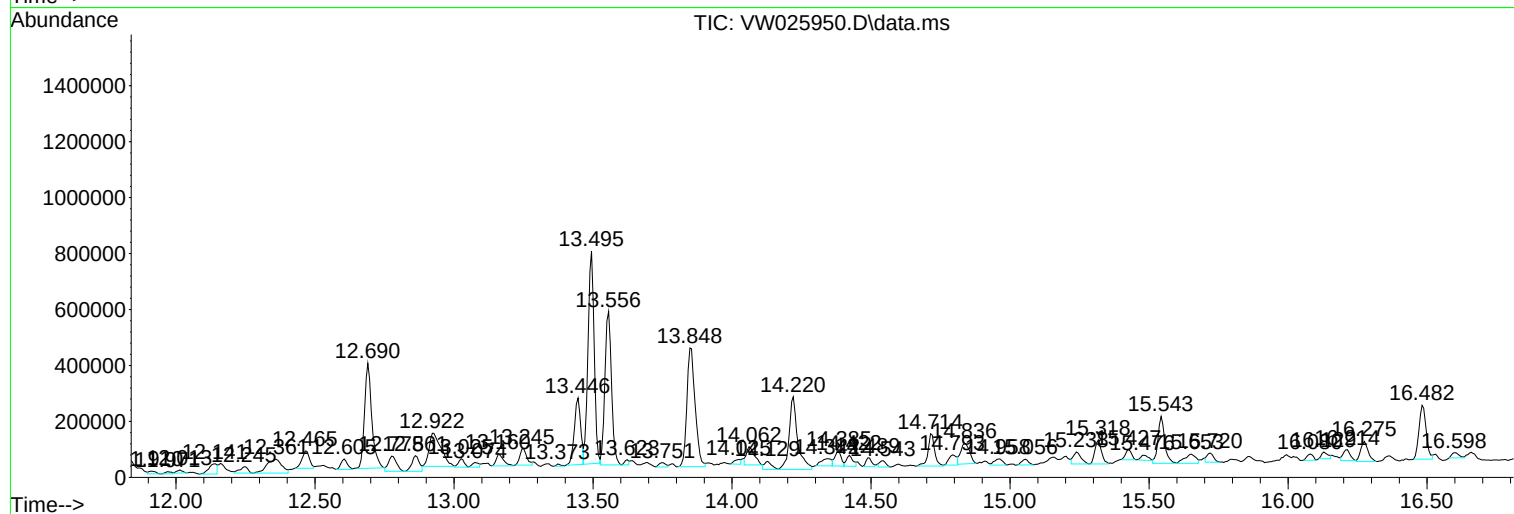
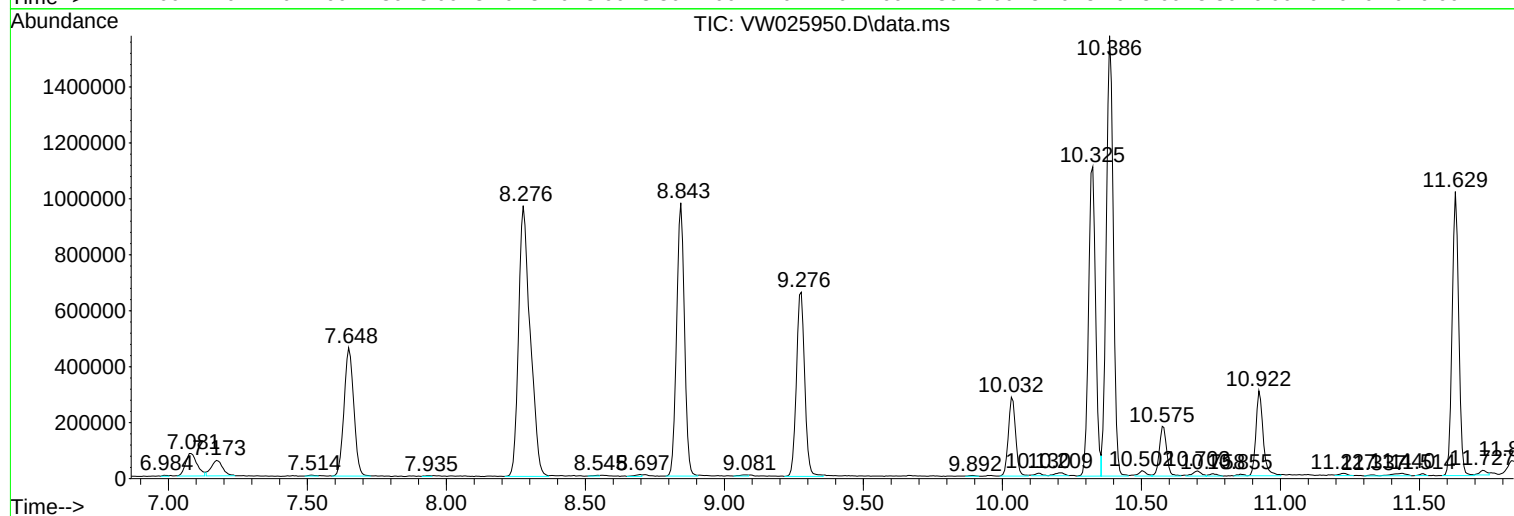
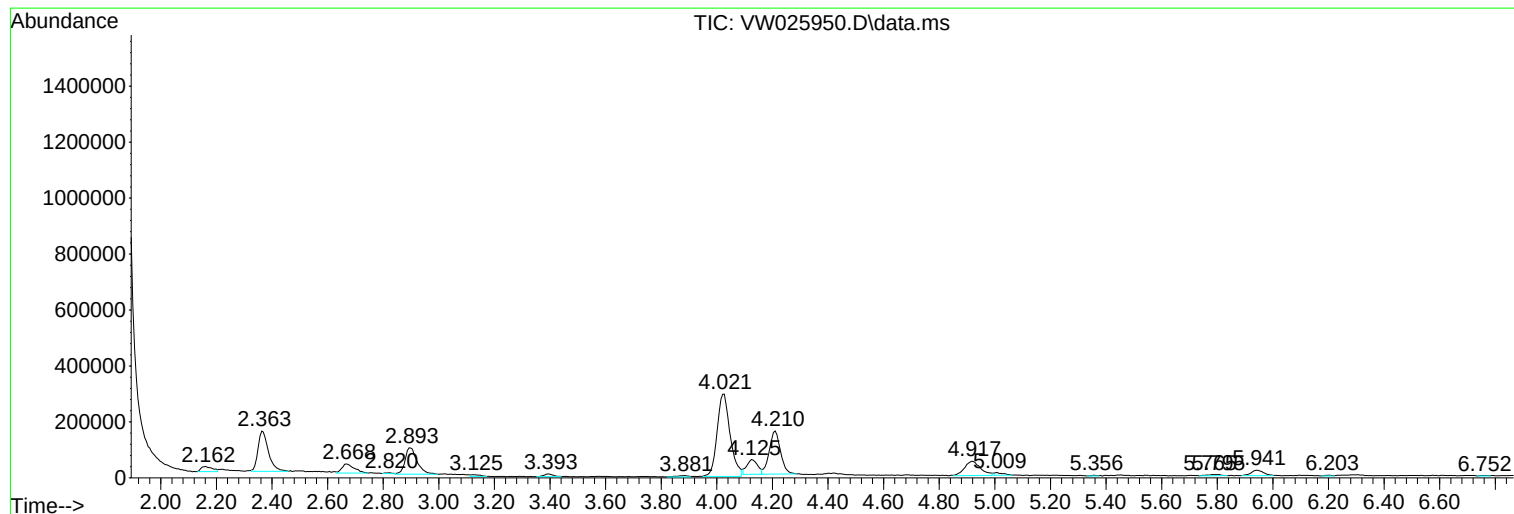
Sum of corrected areas: 26817183

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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



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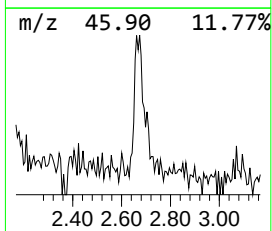
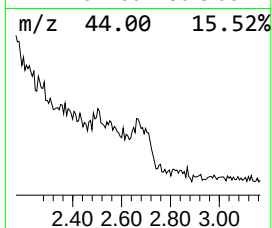
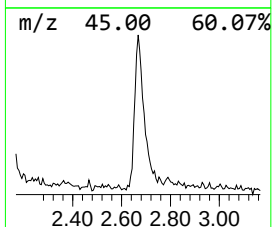
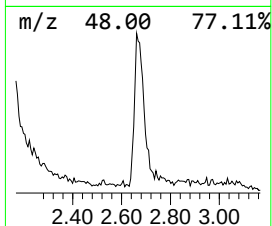
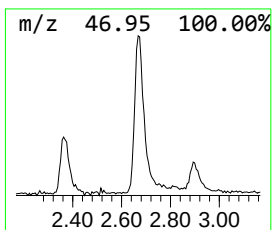
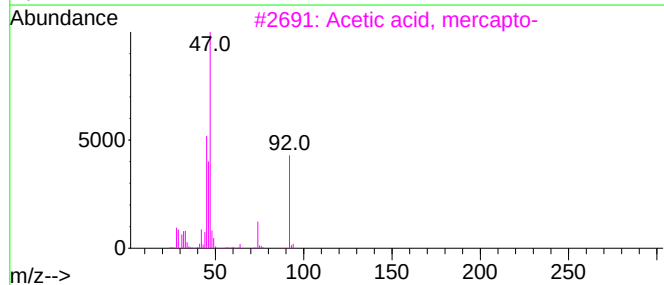
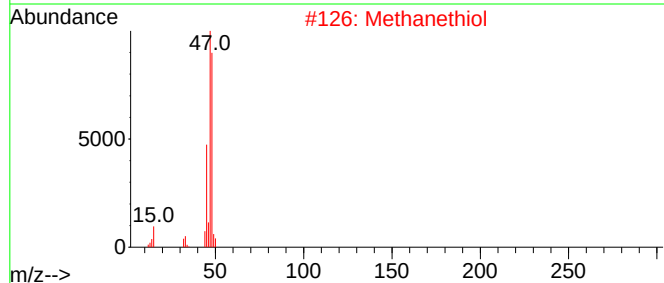
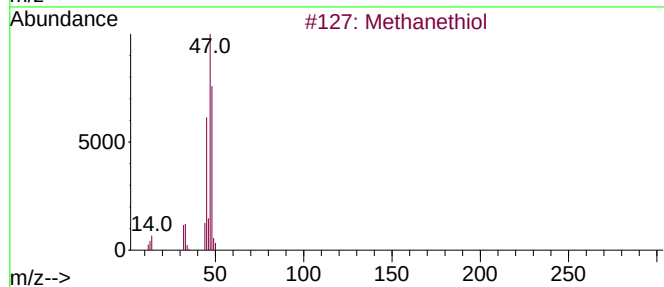
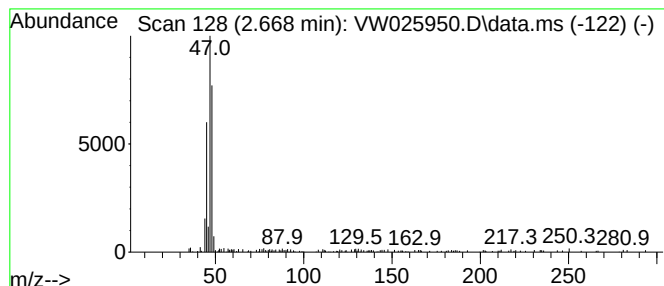
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Methanethiol Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.668	1.31 ug/L	99926	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methanethiol	48	CH4S	000074-93-1	90
2			Methanethiol	48	CH4S	000074-93-1	90
3			Acetic acid, mercapto-	92	C2H4O2S	000068-11-1	25
4			Propanamide, 2-hydroxy-	89	C3H7NO2	002043-43-8	9
5			Butane, 1-methoxy-	88	C5H12O	000628-28-4	9



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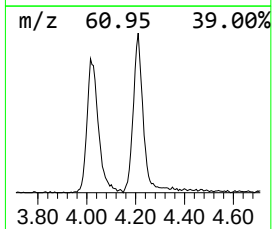
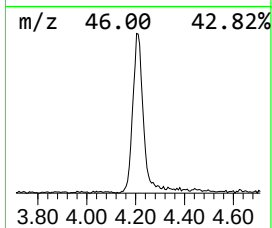
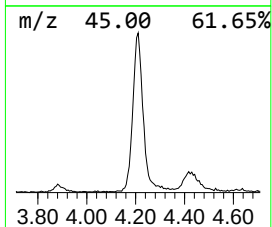
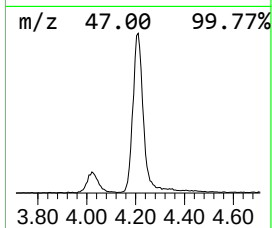
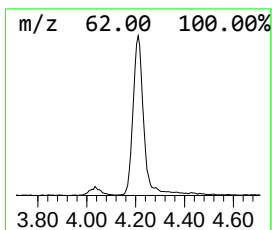
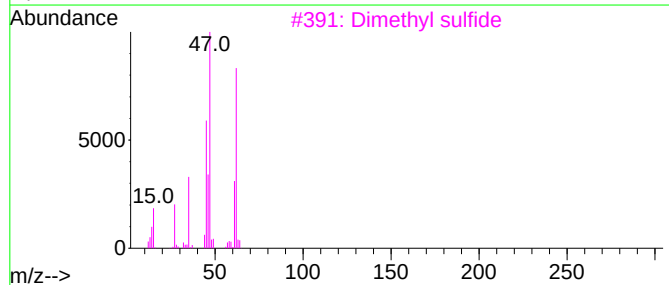
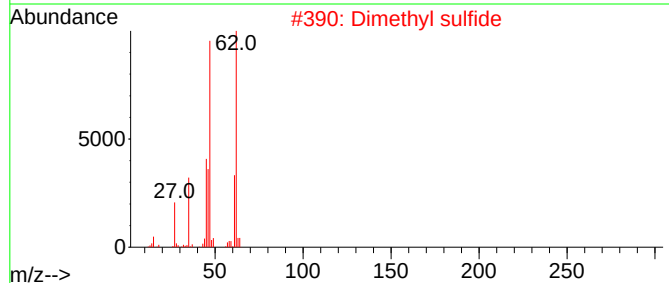
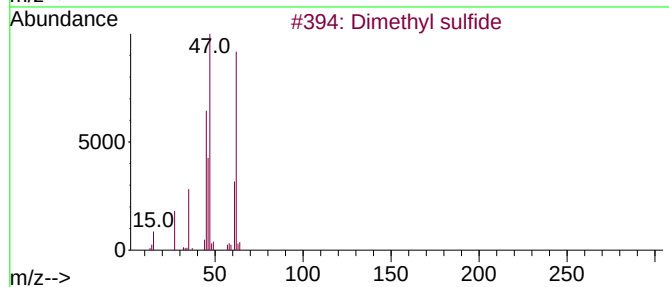
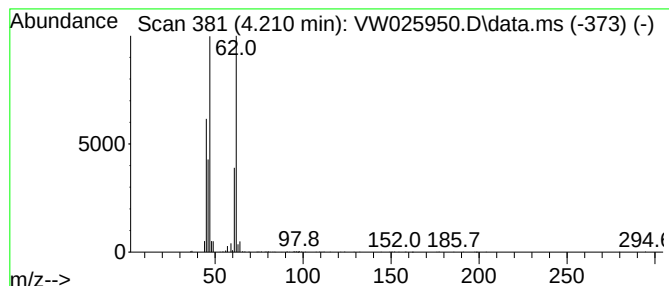
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 Dimethyl sulfide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.210	5.61 ug/L	428868	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl sulfide	62	C2H6S	000075-18-3	94
2			Dimethyl sulfide	62	C2H6S	000075-18-3	91
3			Dimethyl sulfide	62	C2H6S	000075-18-3	91
4			Dimethyl sulfide	62	C2H6S	000075-18-3	91
5			Dimethyl sulfide	62	C2H6S	000075-18-3	91



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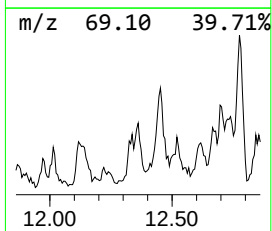
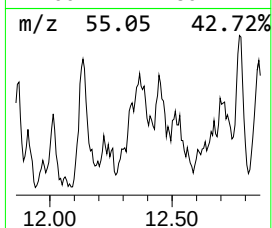
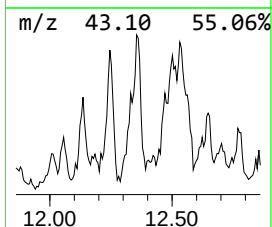
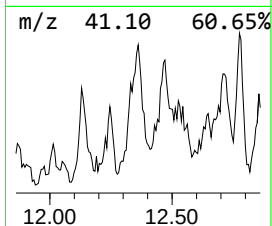
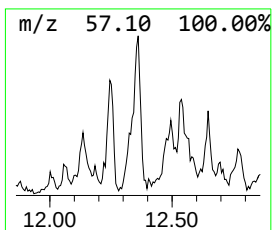
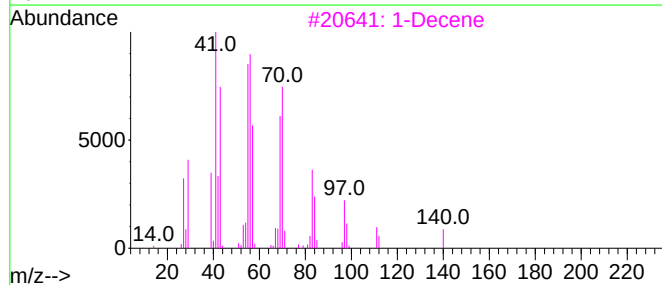
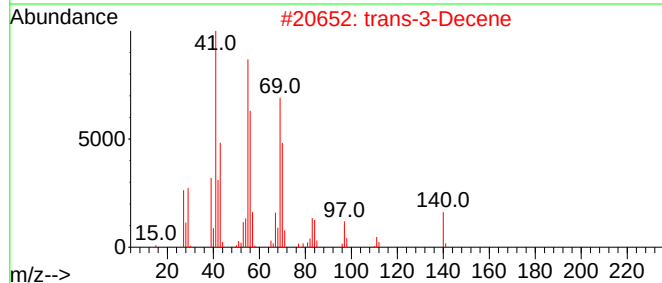
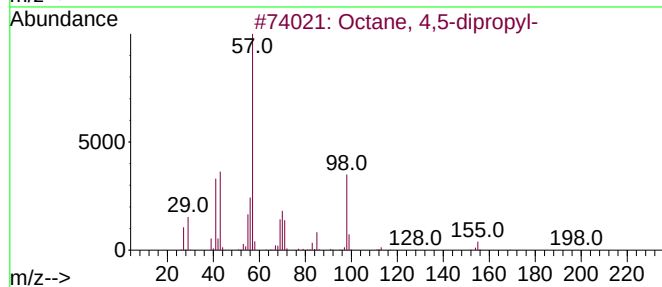
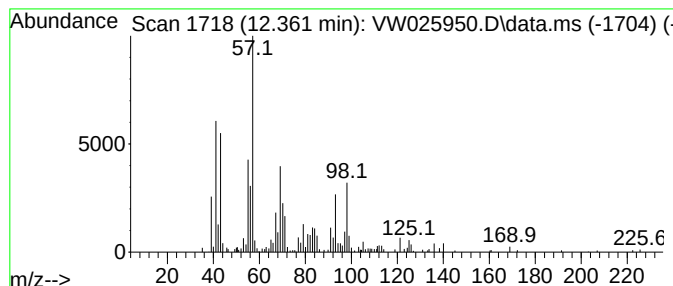
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	2.81 ug/L	188213	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4,5-dipropyl-			198	C14H30	020905-05-9	47
2	trans-3-Decene			140	C10H20	019150-21-1	46
3	1-Decene			140	C10H20	000872-05-9	45
4	Oxalic acid, allyl hexadecyl ester			354	C21H38O4	1000309-24-4	43
5	Trichloroacetic acid, tetradecyl...			358	C16H29Cl3O2	074339-52-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025950.D
Acq On : 11 May 2023 12:38
Operator : SY/MD
Sample : 02689-23
Misc : 2.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREQ0

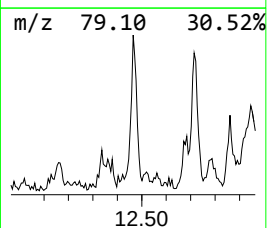
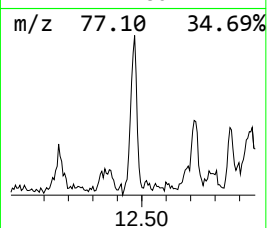
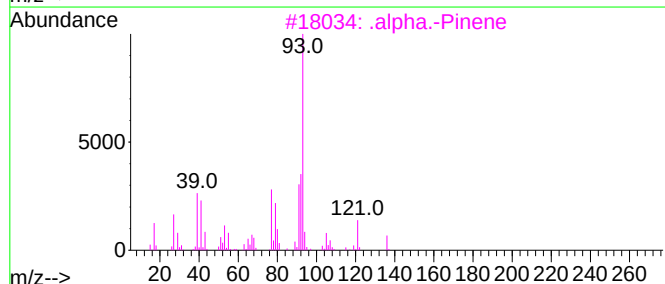
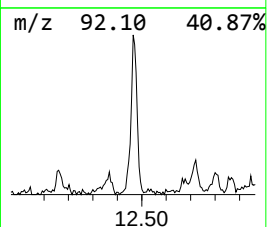
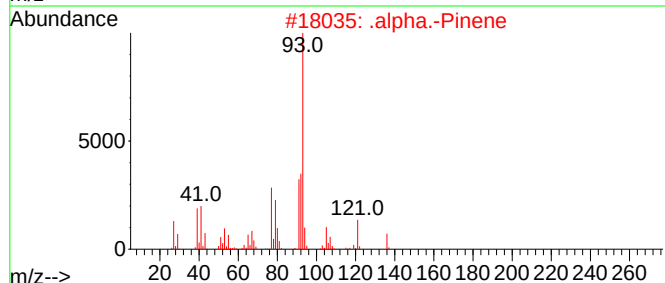
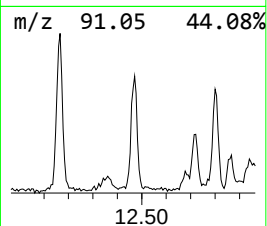
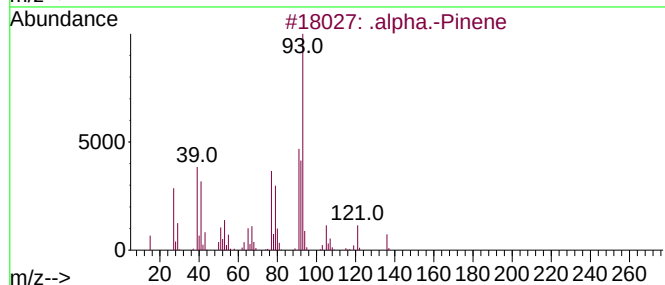
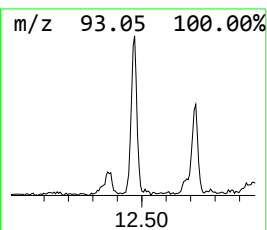
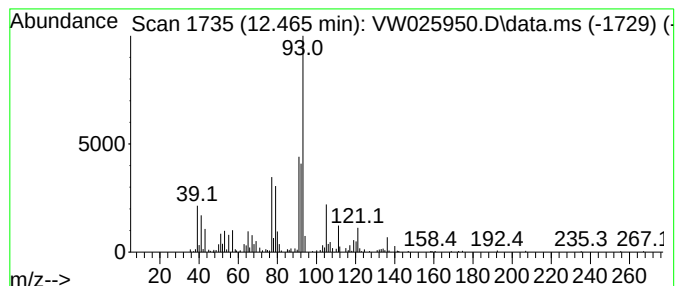
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Quant Title : SFAM01.0

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

Peak Number 5 .alpha.-Pinene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.465	1.76 ug/L	117664	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.alpha.-Pinene	136	C10H16	000080-56-8	93
2			.alpha.-Pinene	136	C10H16	000080-56-8	87
3			.alpha.-Pinene	136	C10H16	000080-56-8	74
4			(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	68
5			Bicyclo[3.1.0]hex-2-ene, 4-methy...	136	C10H16	028634-89-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025950.D
Acq On : 11 May 2023 12:38
Operator : SY/MD
Sample : 02689-23
Misc : 2.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

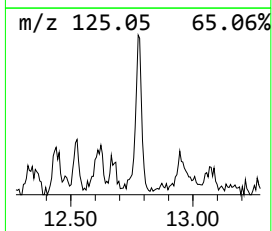
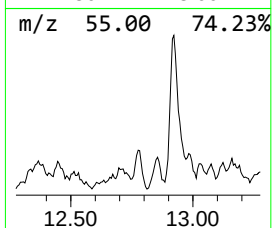
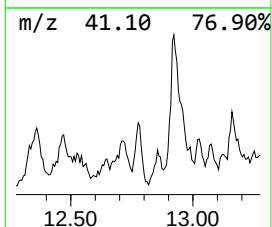
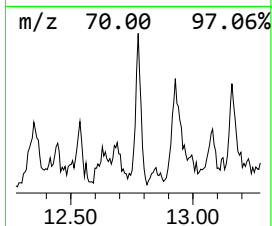
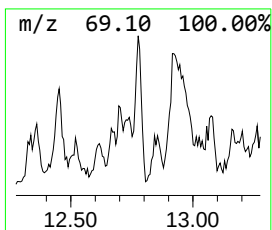
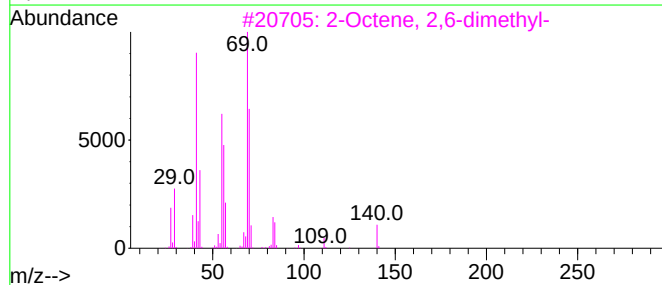
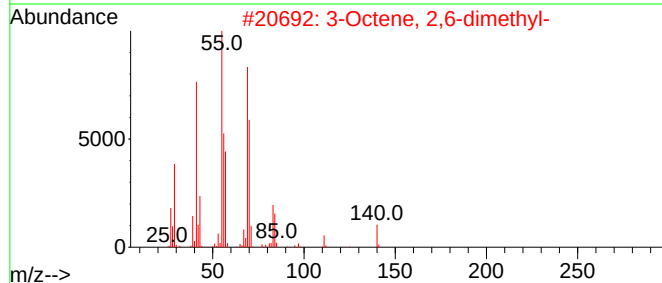
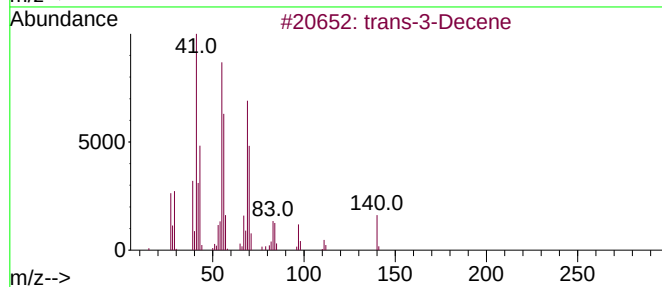
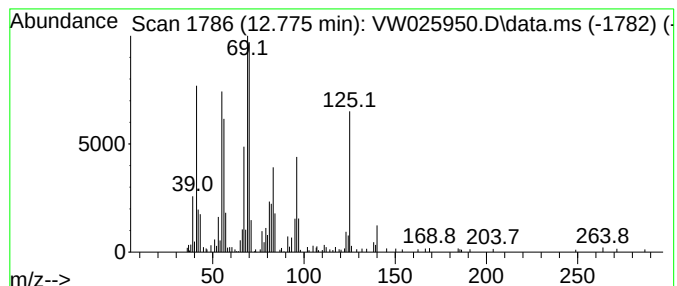
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MSVOA_W
ClientSampleId :
JREQ0

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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 13

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.775	3.04 ug/L	110243	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	trans-3-Decene		140	C10H20	019150-21-1	50
2	3-Octene, 2,6-dimethyl-		140	C10H20	006874-28-8	49
3	2-Octene, 2,6-dimethyl-		140	C10H20	004057-42-5	46
4	Cyclohexane, 1,1,2,3-tetramethyl-		140	C10H20	006783-92-2	43
5	cis-1-Butyl-2-methylcyclopropane		112	C8H16	038851-69-3	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025950.D
Acq On : 11 May 2023 12:38
Operator : SY/MD
Sample : 02689-23
Misc : 2.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREQ0

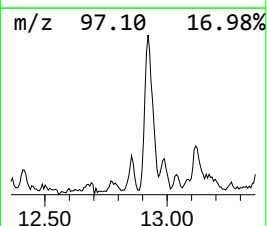
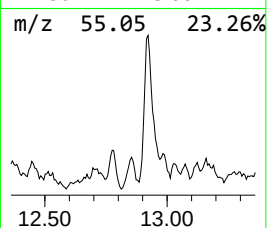
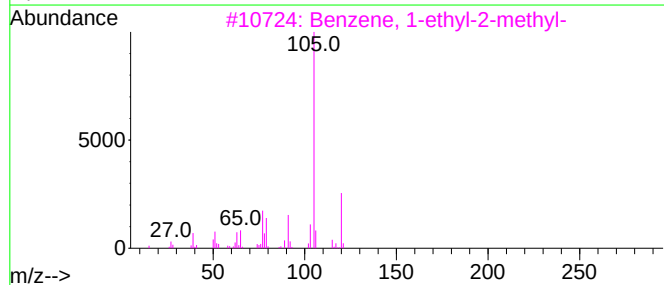
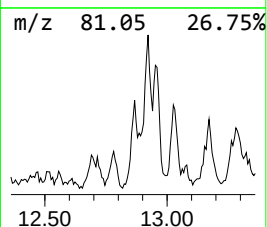
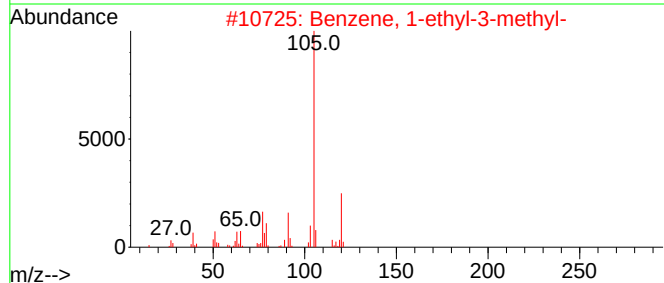
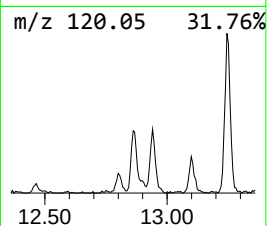
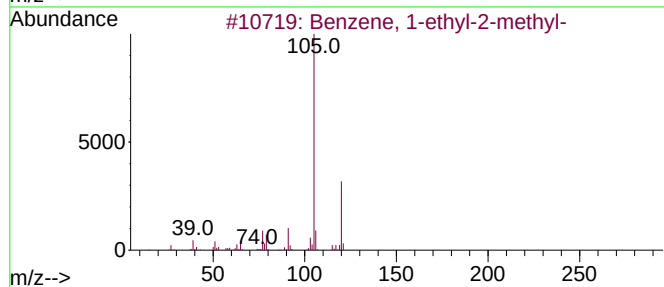
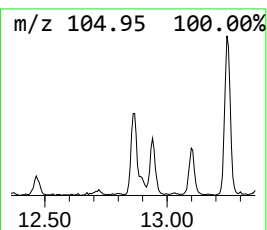
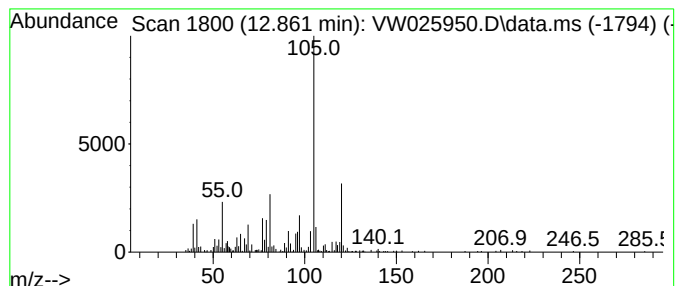
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Quant Title : SFAM01.0

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

Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.861	2.97 ug/L	107475	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	70
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	70
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	64
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	64
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025950.D
Acq On : 11 May 2023 12:38
Operator : SY/MD
Sample : 02689-23
Misc : 2.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

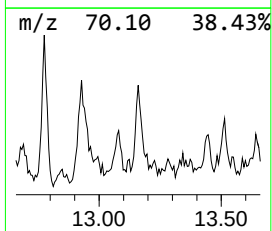
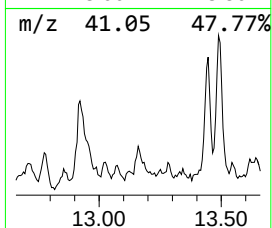
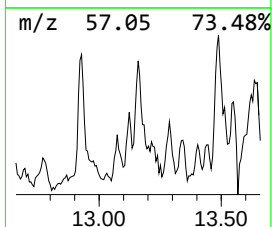
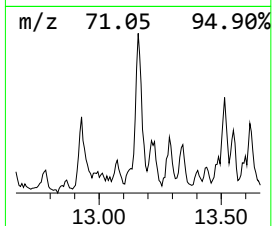
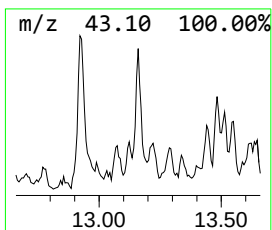
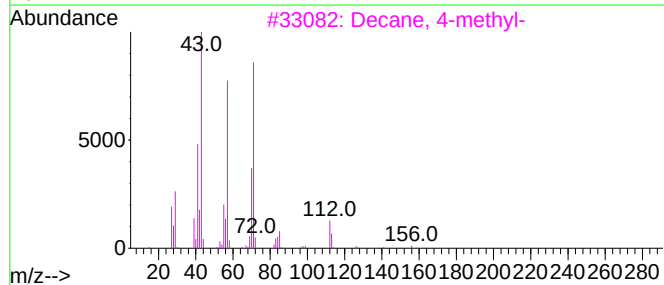
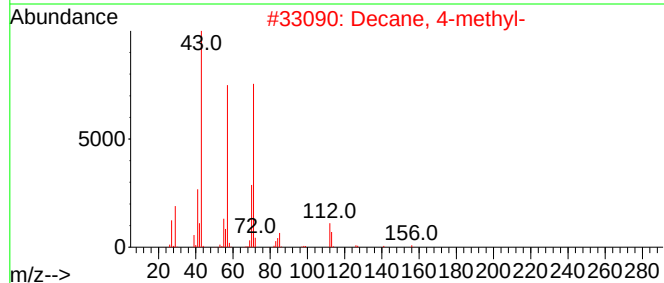
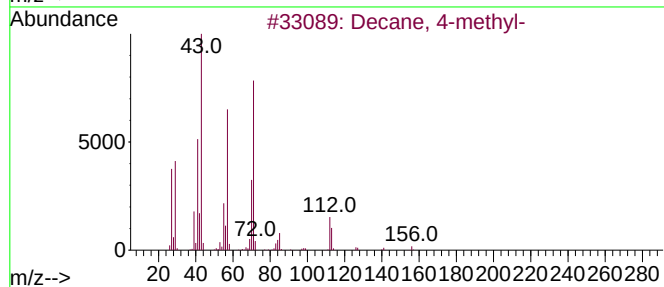
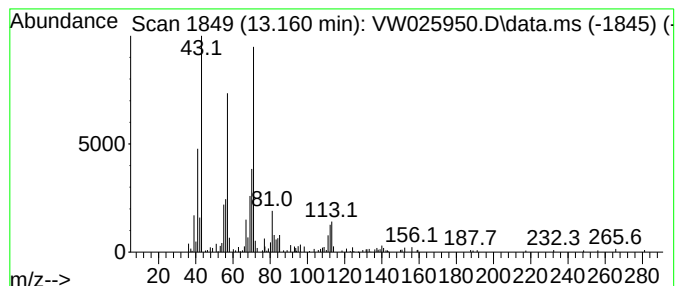
Instrument :
MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.160	2.15 ug/L	77972	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-		156	C11H24	002847-72-5	93
2	Decane, 4-methyl-		156	C11H24	002847-72-5	87
3	Decane, 4-methyl-		156	C11H24	002847-72-5	87
4	Octane, 3,3-dimethyl-		142	C10H22	004110-44-5	64
5	4-Methyl-3-heptanol, chlorodiflu...		242	C10H17ClF2O2	1000447-28-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025950.D
Acq On : 11 May 2023 12:38
Operator : SY/MD
Sample : 02689-23
Misc : 2.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREQ0

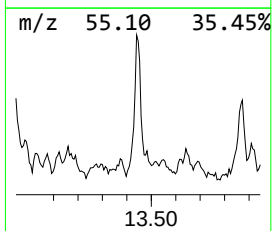
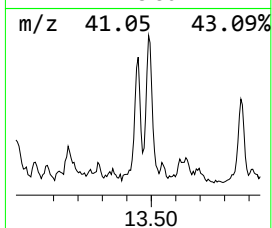
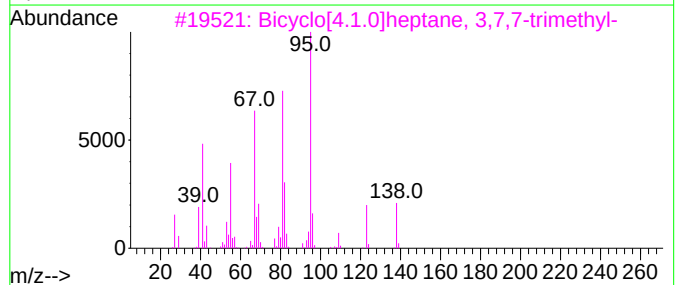
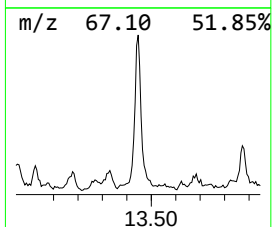
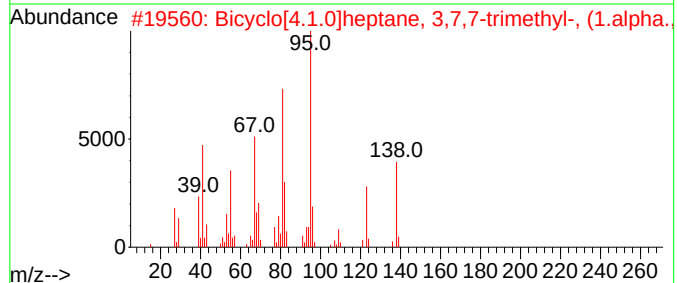
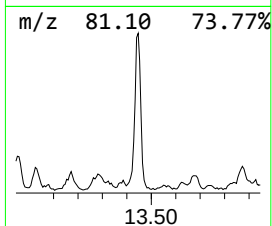
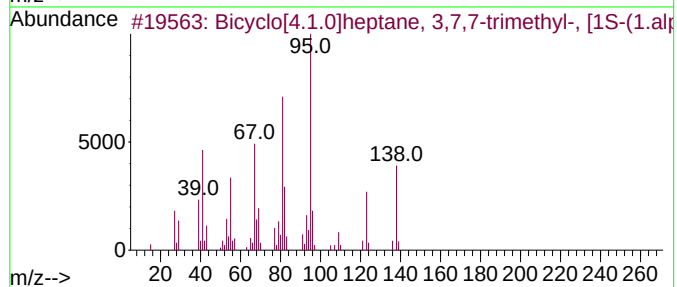
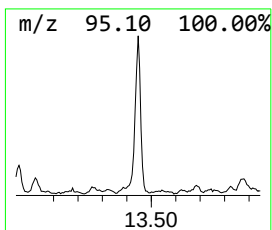
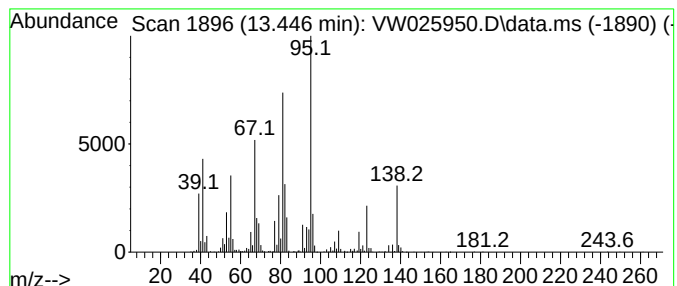
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Quant Title : SFAM01.0

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

Peak Number 10 Bicyclo[4.1.0]heptane, 3,7,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.446	10.61 ug/L	384262	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	002778-68-9	96
2			Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	95
3			Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	94
4			Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	94
5			Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025950.D
Acq On : 11 May 2023 12:38
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Sample : 02689-23
Misc : 2.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

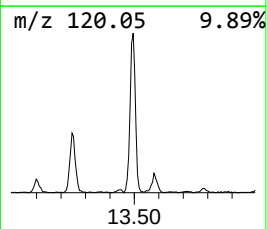
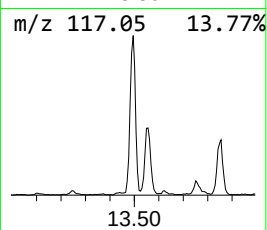
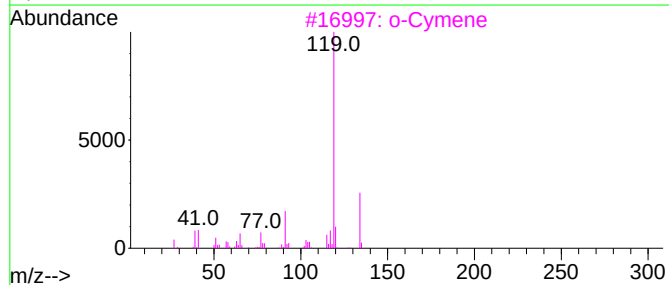
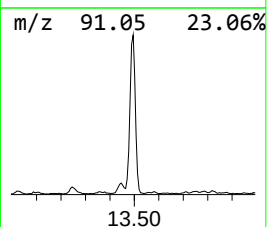
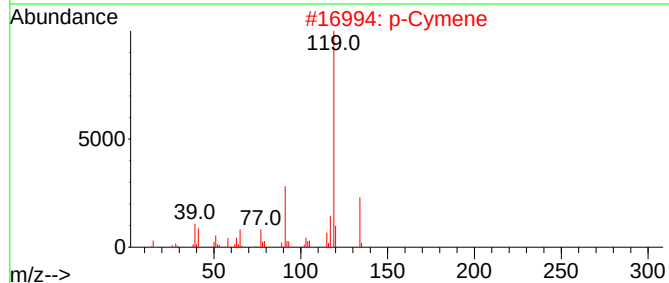
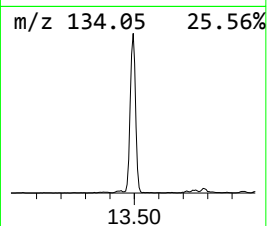
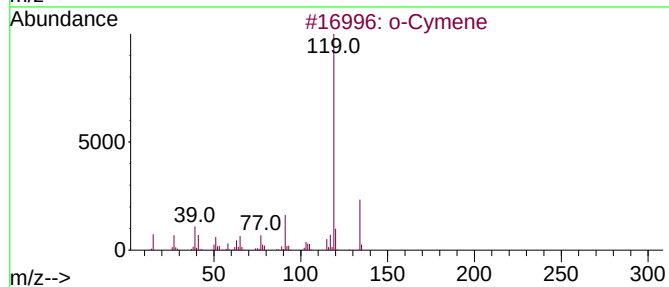
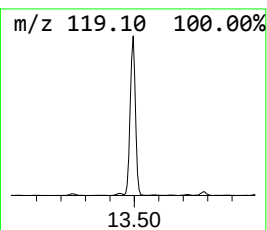
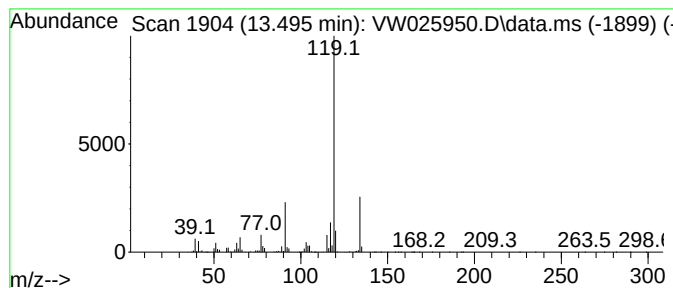
Instrument :
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ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 11 o-Cymene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.495	32.49 ug/L	1176520	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	o-Cymene		134	C10H14	000527-84-4	97
2	p-Cymene		134	C10H14	000099-87-6	97
3	o-Cymene		134	C10H14	000527-84-4	97
4	Benzene, 1-methyl-3-(1-methyleth...		134	C10H14	000535-77-3	95
5	p-Cymene		134	C10H14	000099-87-6	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025950.D
Acq On : 11 May 2023 12:38
Operator : SY/MD
Sample : 02689-23
Misc : 2.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREQ0

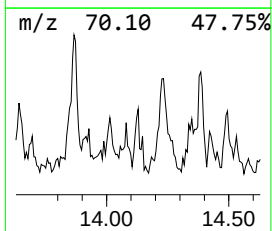
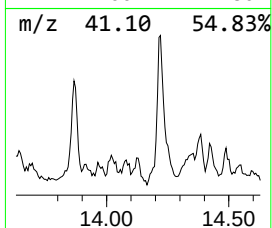
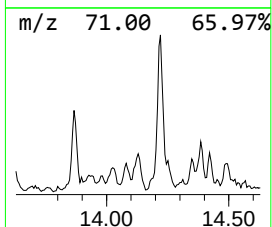
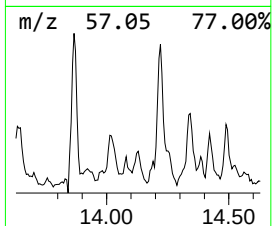
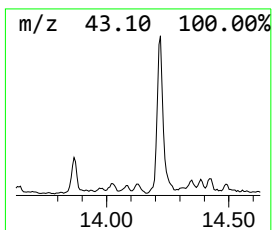
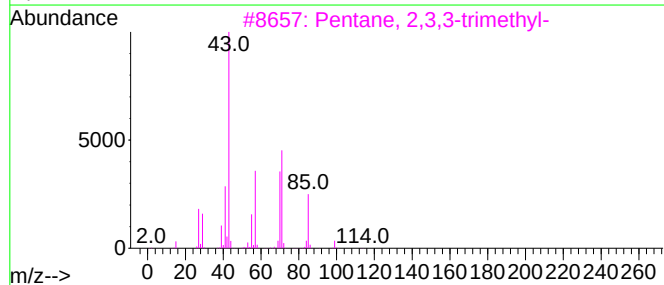
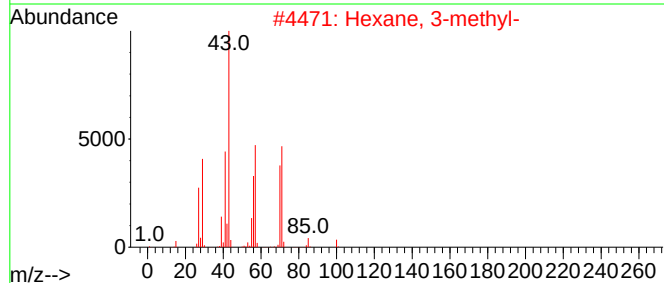
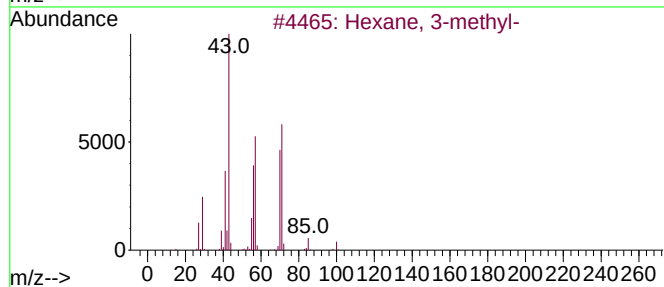
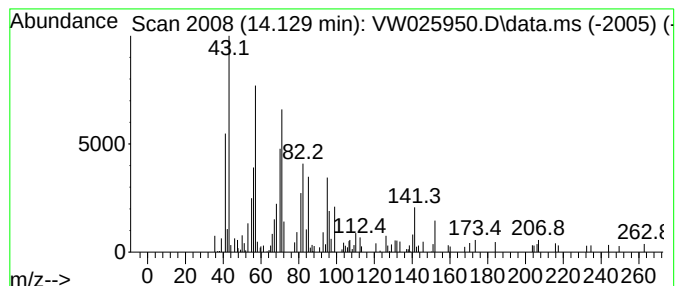
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.129	1.35 ug/L	48896	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3-methyl-	100	C7H16	000589-34-4	35
2			Hexane, 3-methyl-	100	C7H16	000589-34-4	35
3			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	27
4			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	27
5			iso-Amyl levulinate	186	C10H18O3	071172-75-3	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025950.D
Acq On : 11 May 2023 12:38
Operator : SY/MD
Sample : 02689-23
Misc : 2.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREQ0

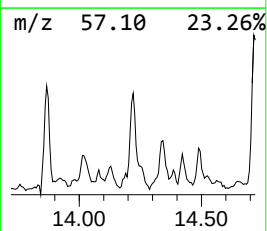
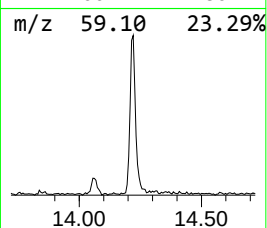
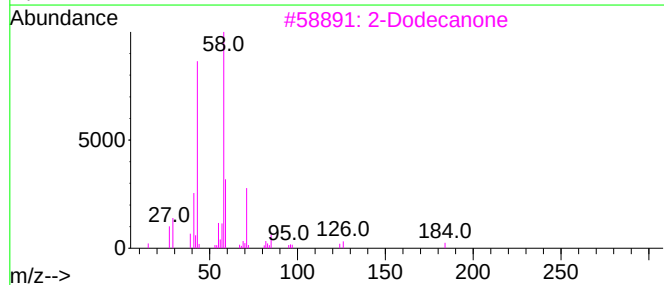
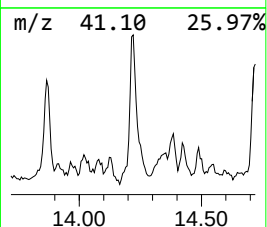
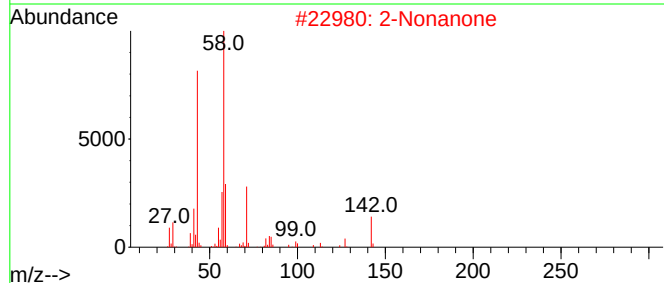
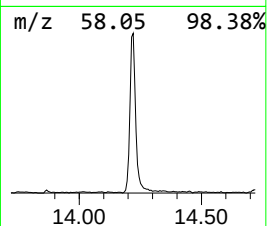
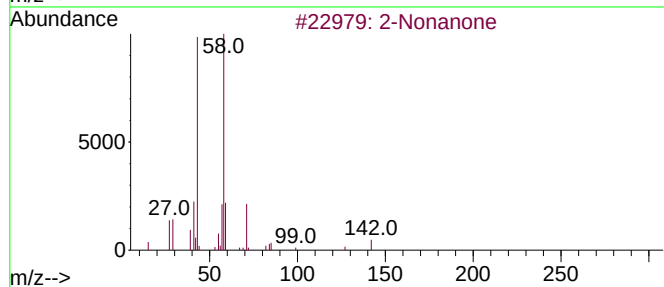
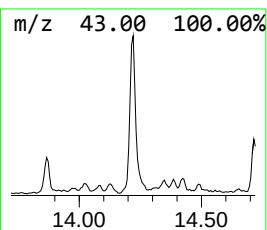
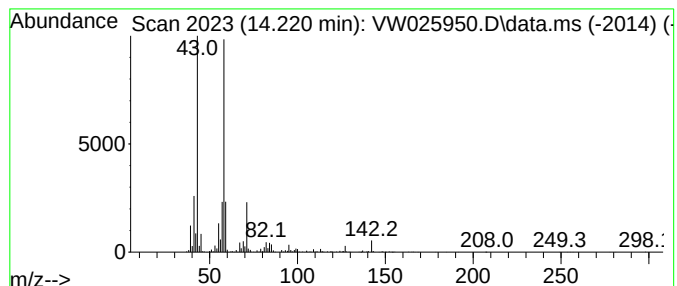
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Quant Title : SFAM01.0

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

Peak Number 14 2-Nonanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.220	15.10 ug/L	546782	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonanone			142	C9H18O	000821-55-6	94
2	2-Nonanone			142	C9H18O	000821-55-6	90
3	2-Dodecanone			184	C12H24O	006175-49-1	78
4	2-Octanone			128	C8H16O	000111-13-7	72
5	2,4(3H,5H)-Furandione, 5-hexyl-5...			198	C11H18O3	054852-79-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025950.D
Acq On : 11 May 2023 12:38
Operator : SY/MD
Sample : 02689-23
Misc : 2.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

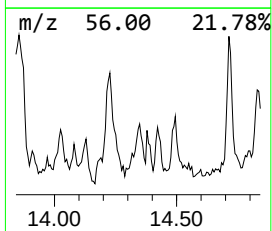
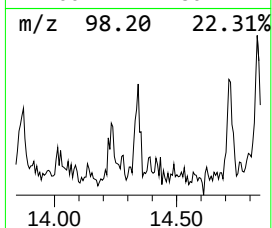
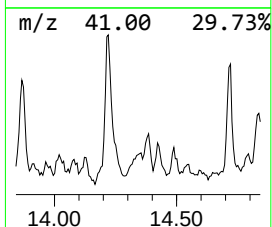
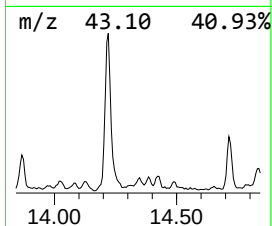
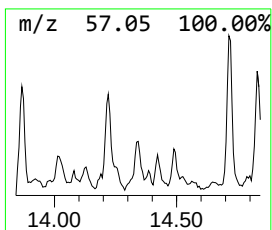
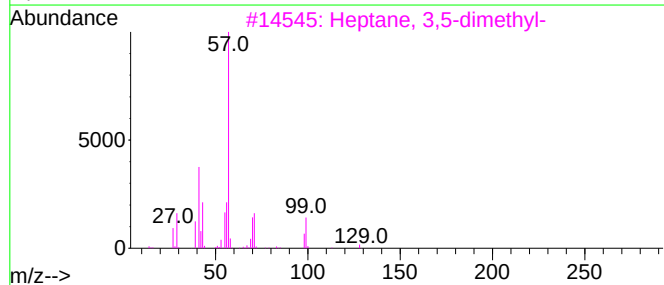
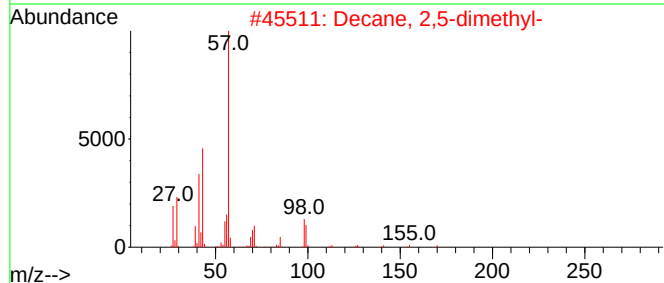
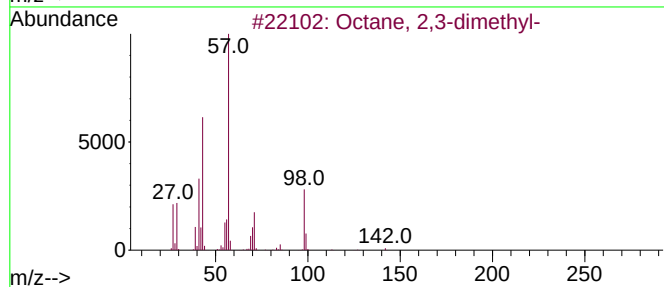
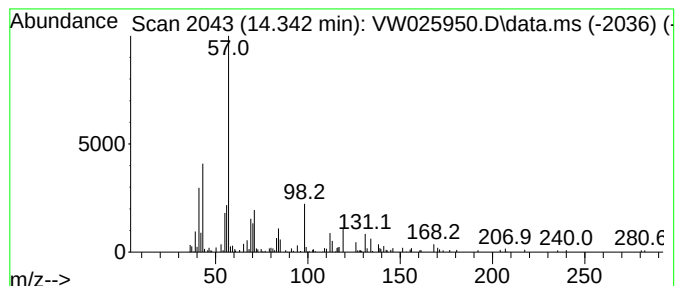
Instrument :
MSVOA_W
ClientSampleId :
JREQ0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.342	1.89 ug/L	68590	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 2,3-dimethyl-		142	C10H22	007146-60-3	47
2	Decane, 2,5-dimethyl-		170	C12H26	017312-50-4	47
3	Heptane, 3,5-dimethyl-		128	C9H20	000926-82-9	46
4	3-Undecene, 6-methyl-, (E)-		168	C12H24	074630-52-7	38
5	1-Octanol, 2-methyl-		144	C9H20O	000818-81-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025950.D
Acq On : 11 May 2023 12:38
Operator : SY/MD
Sample : 02689-23
Misc : 2.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREQ0

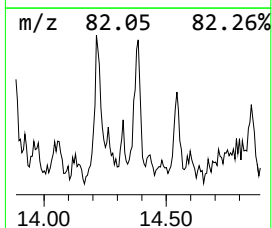
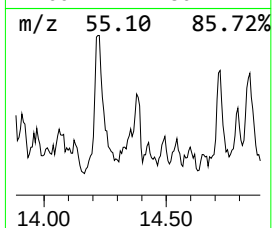
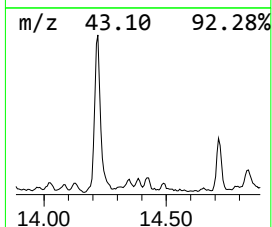
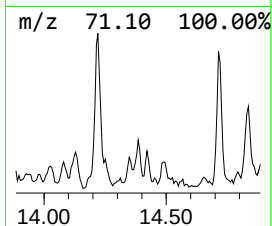
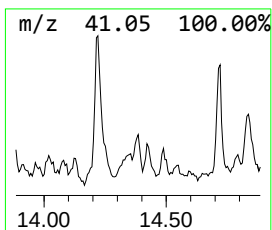
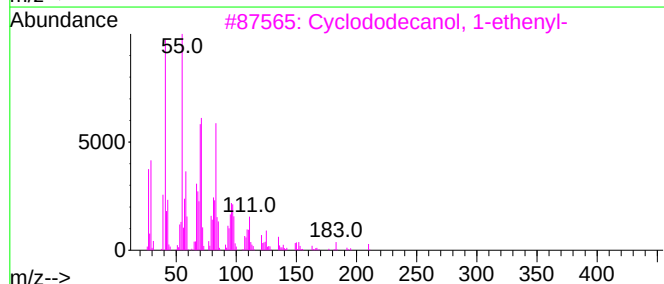
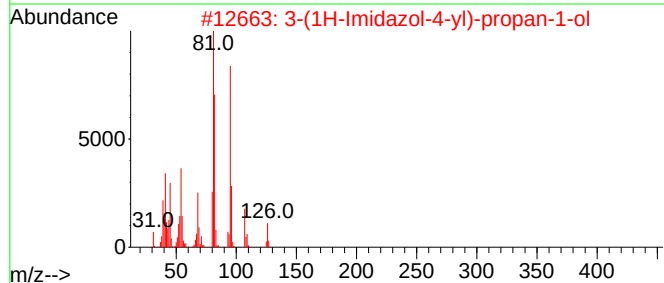
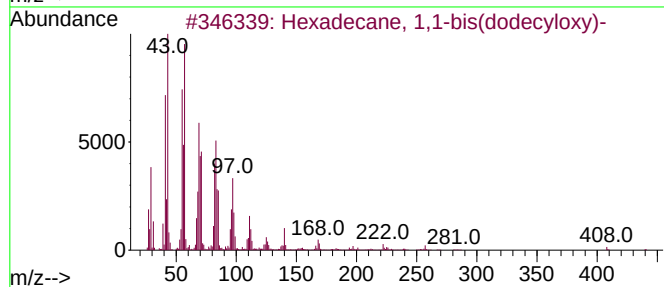
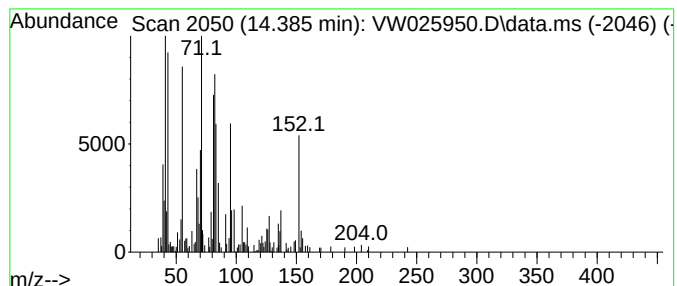
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Quant Title : SFAM01.0

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

Peak Number 16 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.385	2.36 ug/L	85318	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 1,1-bis(dodecyloxy)-	595	C40H82O2	056554-64-4	35
2			3-(1H-Imidazol-4-yl)-propan-1-ol	126	C6H10N2O	049549-75-9	25
3			Cyclododecanol, 1-ethenyl-	210	C14H26O	006244-49-1	25
4			Cyclododecyl methyl ether	198	C13H26O	002986-54-1	25
5			2-Propylcyclohexanol	142	C9H18O	090676-25-8	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025950.D
Acq On : 11 May 2023 12:38
Operator : SY/MD
Sample : 02689-23
Misc : 2.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREQ0

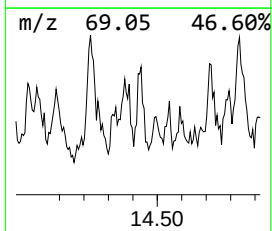
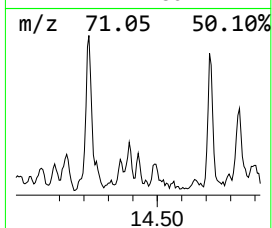
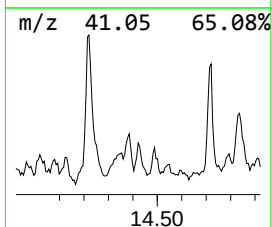
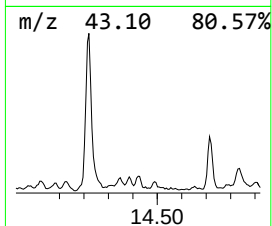
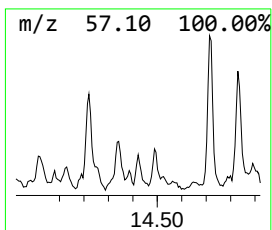
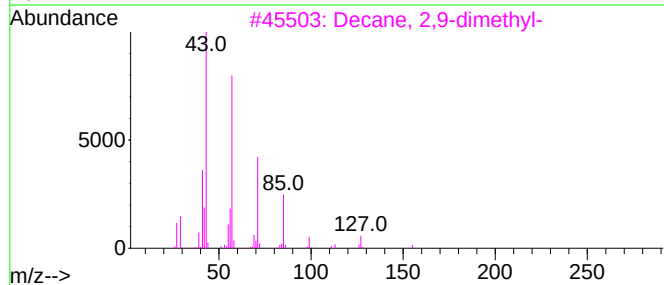
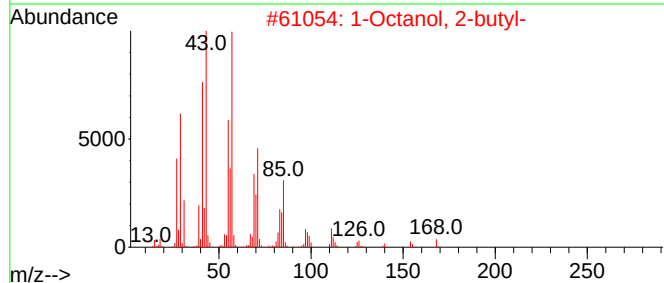
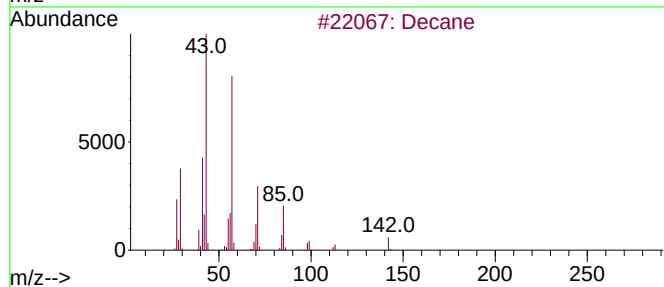
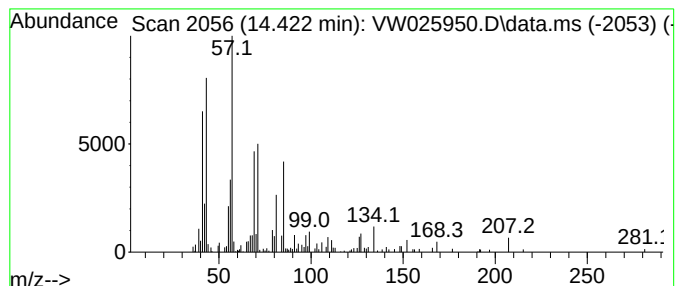
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.422	1.75 ug/L	63413	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	64
2			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	59
3			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	59
4			Undecane, 3-methyl-	170	C12H26	001002-43-3	59
5			Heptacosane	380	C27H56	000593-49-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025950.D
Acq On : 11 May 2023 12:38
Operator : SY/MD
Sample : 02689-23
Misc : 2.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREQ0

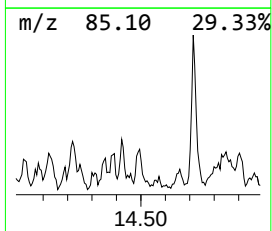
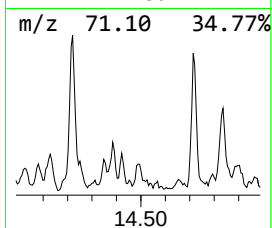
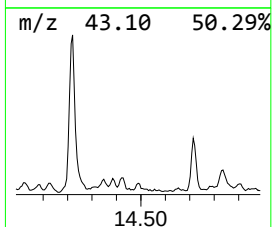
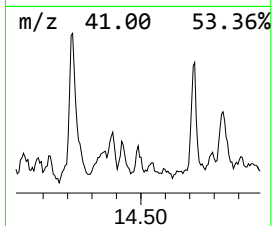
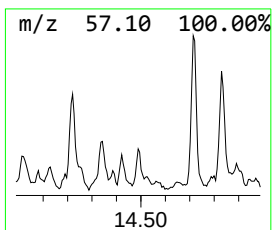
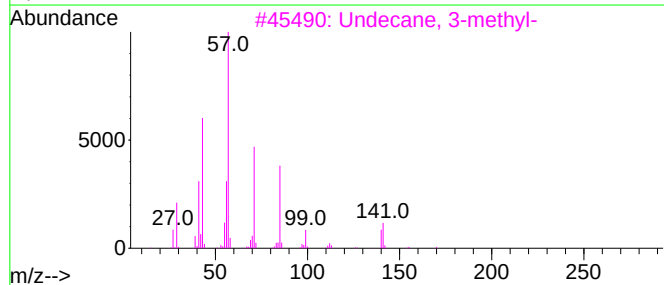
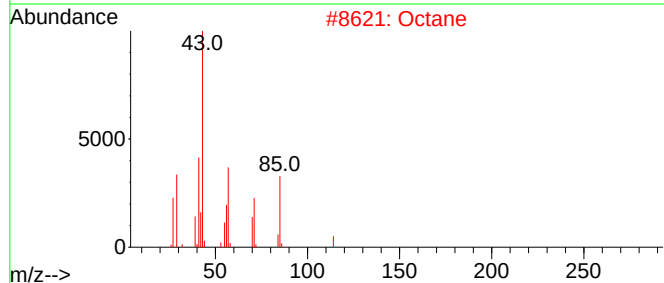
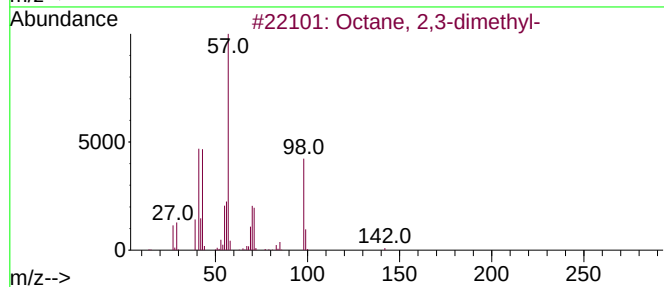
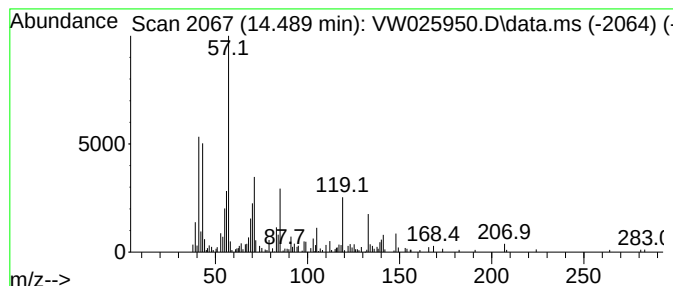
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.489	1.25 ug/L	45394	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3-dimethyl-			142	C10H22	007146-60-3	49
2	Octane			114	C8H18	000111-65-9	47
3	Undecane, 3-methyl-			170	C12H26	001002-43-3	43
4	Ether, heptyl hexyl			200	C13H28O	007289-40-9	43
5	Oxalic acid, butyl 2-ethylhexyl ...			258	C14H26O4	1000309-38-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025950.D
Acq On : 11 May 2023 12:38
Operator : SY/MD
Sample : 02689-23
Misc : 2.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREQ0

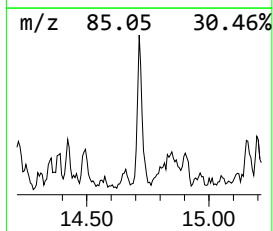
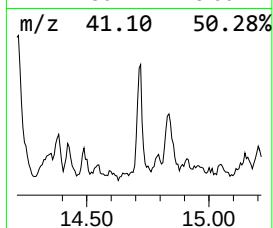
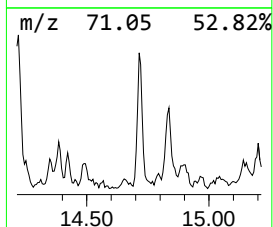
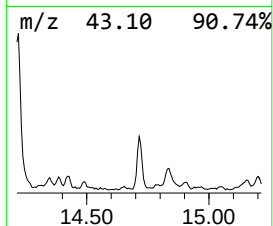
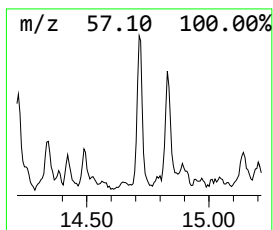
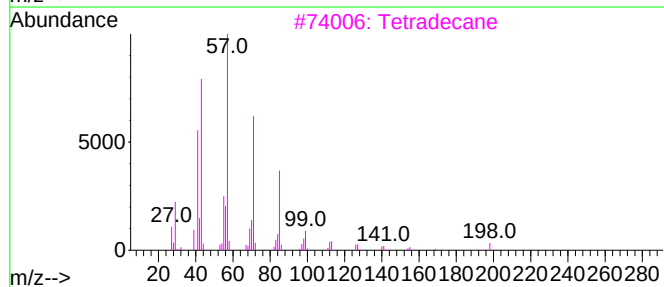
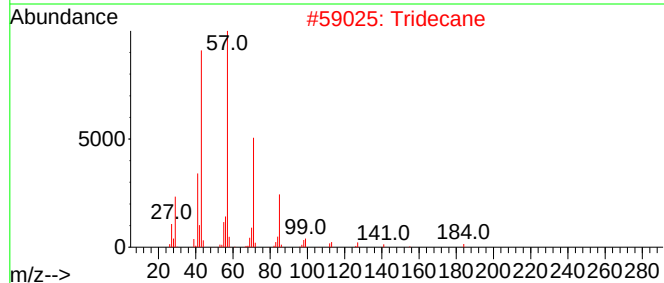
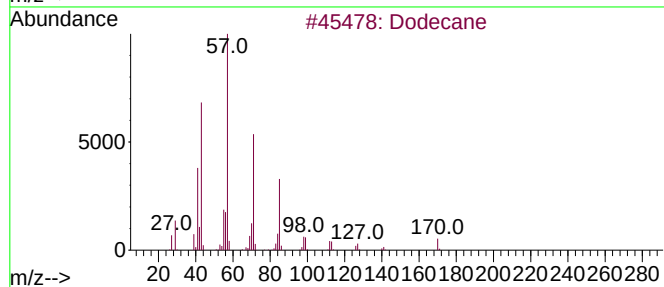
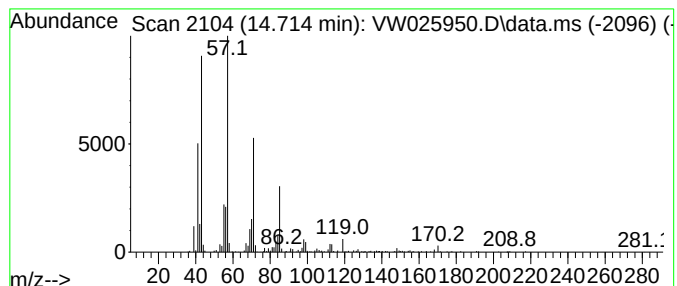
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.714	5.27 ug/L	190715	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane	170	C12H26	000112-40-3	91
2		Tridecane	184	C13H28	000629-50-5	90
3		Tetradecane	198	C14H30	000629-59-4	86
4		Undecane	156	C11H24	001120-21-4	83
5		Dodecane	170	C12H26	000112-40-3	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025950.D
Acq On : 11 May 2023 12:38
Operator : SY/MD
Sample : 02689-23
Misc : 2.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREQ0

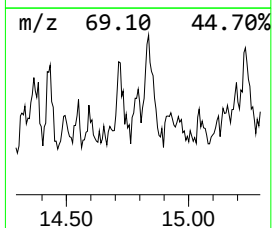
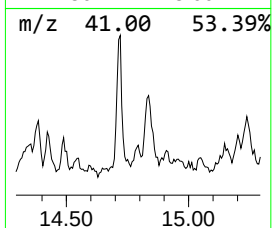
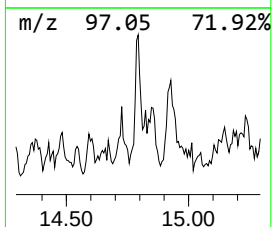
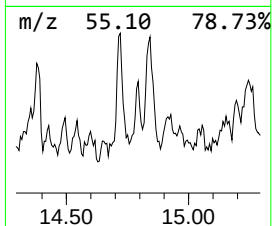
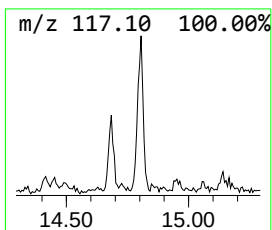
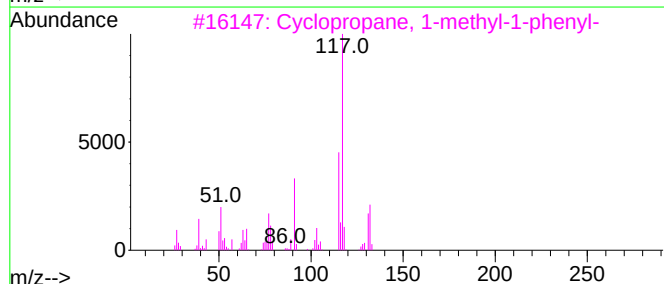
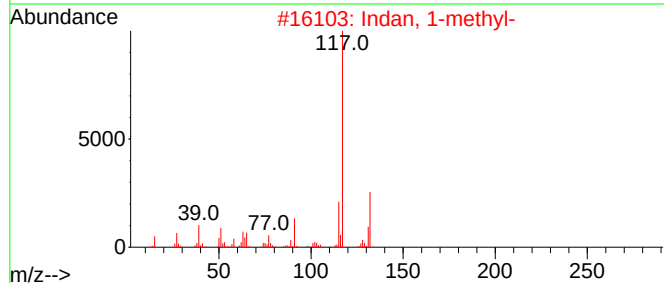
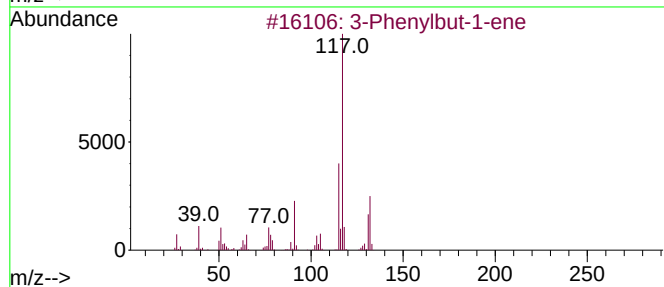
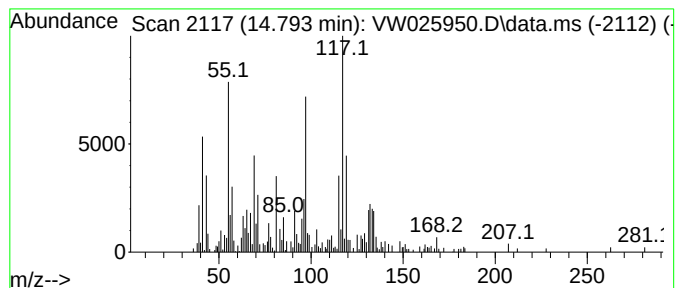
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Quant Title : SFAM01.0

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

Peak Number 20 3-Phenylbut-1-ene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.793	2.07 ug/L	74896	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Phenylbut-1-ene	132	C10H12	000934-10-1	46
2		Indan, 1-methyl-	132	C10H12	000767-58-8	38
3		Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	38
4		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	38
5		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025950.D
Acq On : 11 May 2023 12:38
Operator : SY/MD
Sample : 02689-23
Misc : 2.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREQ0

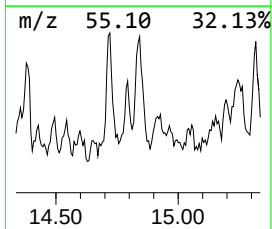
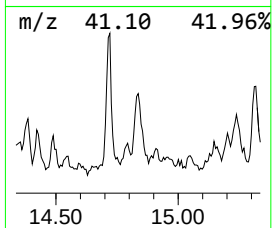
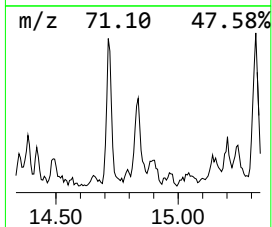
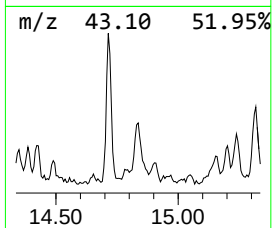
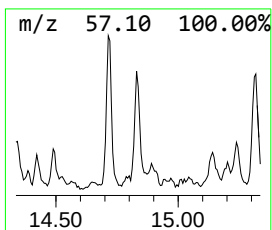
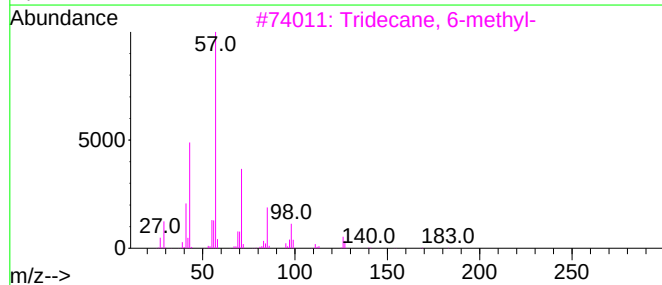
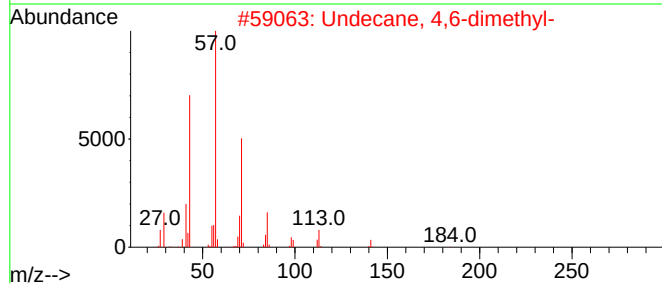
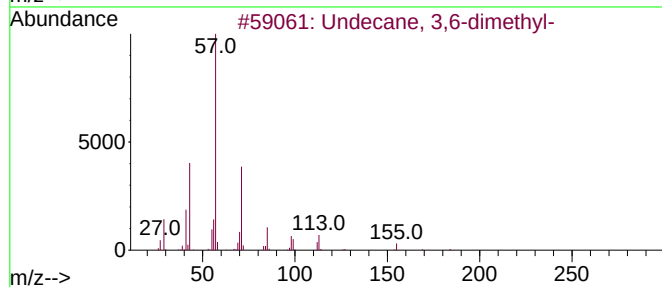
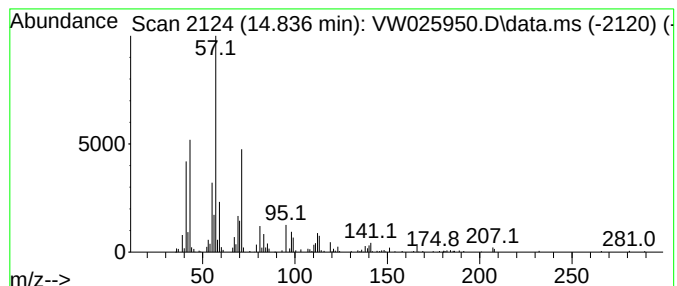
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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.836	4.43 ug/L	160466	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	60
2			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	50
3			Tridecane, 6-methyl-	198	C14H30	013287-21-3	47
4			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	43
5			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025950.D
Acq On : 11 May 2023 12:38
Operator : SY/MD
Sample : 02689-23
Misc : 2.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREQ0

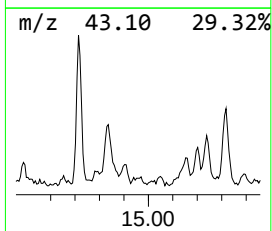
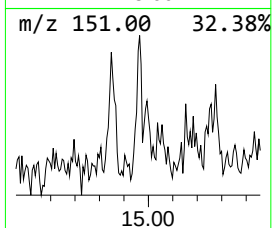
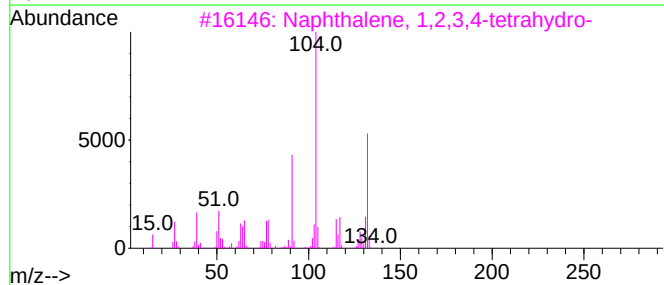
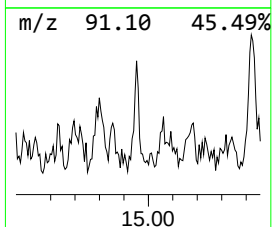
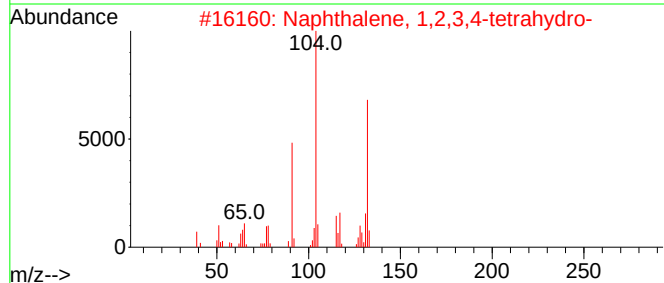
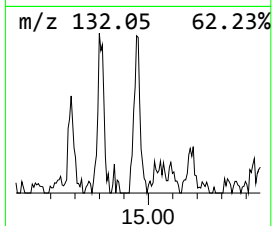
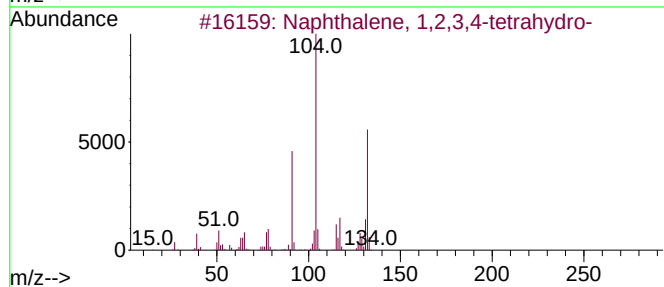
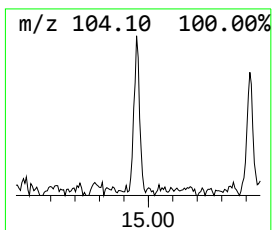
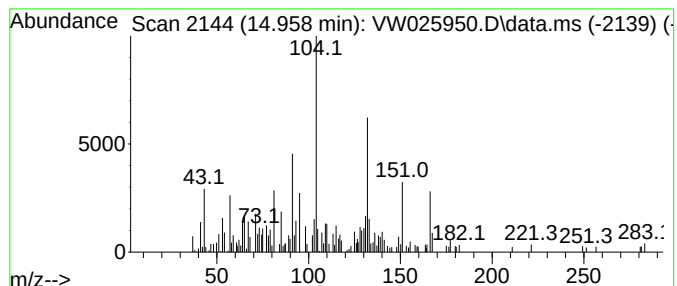
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Quant Title : SFAM01.0

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

Peak Number 22 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.958	1.29 ug/L	46793	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	60
2			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	60
3			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	60
4			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	53
5			3H-2-Benzopyran-3-one, 1,4-dihydro-	148	C9H8O2	004385-35-7	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025950.D
Acq On : 11 May 2023 12:38
Operator : SY/MD
Sample : 02689-23
Misc : 2.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREQ0

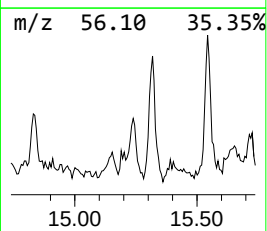
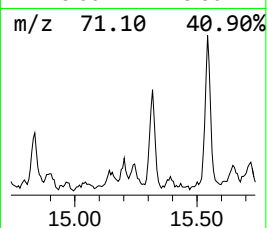
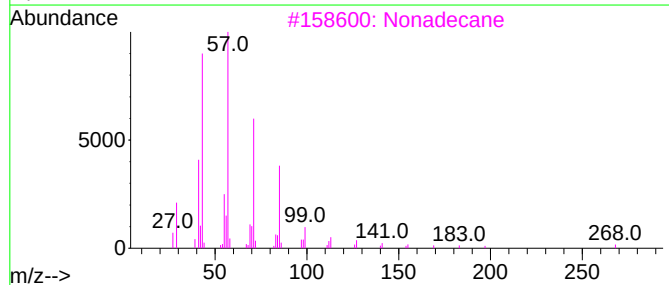
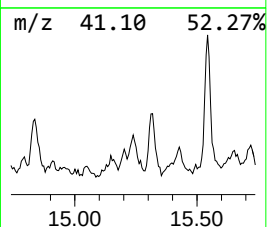
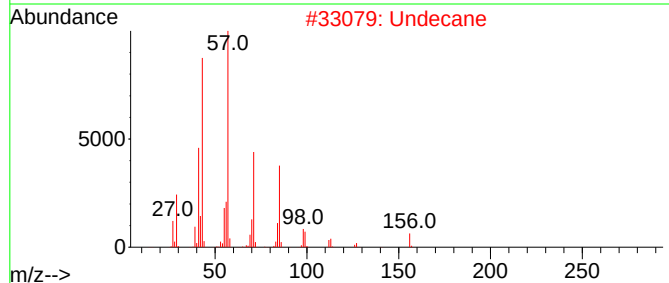
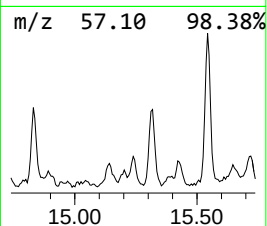
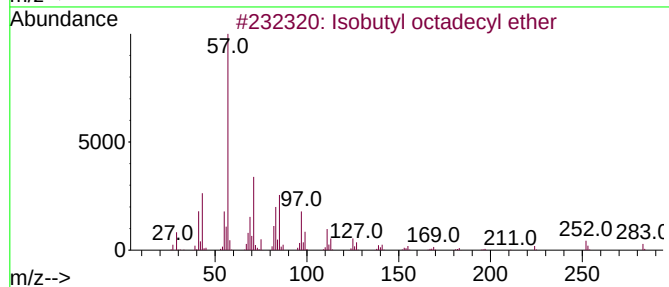
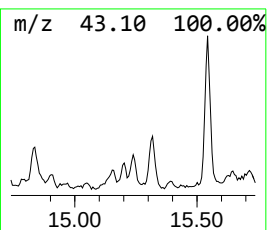
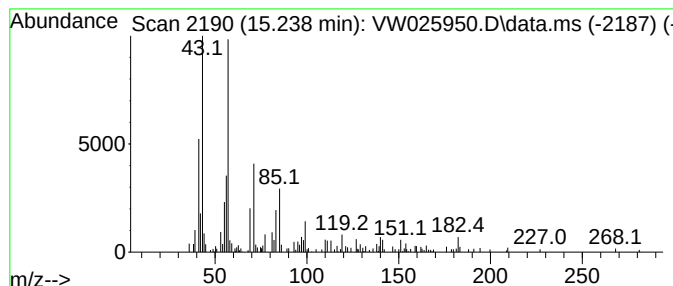
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Quant Title : SFAM01.0

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

Peak Number 23 Isobutyl octadecyl ether Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.239	2.22 ug/L	80580	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isobutyl octadecyl ether	326	C22H46O	1000406-32-9	72
2			Undecane	156	C11H24	001120-21-4	64
3			Nonadecane	268	C19H40	000629-92-5	62
4			Hexadecane, 3-methyl-	240	C17H36	006418-43-5	59
5			Eicosane, 3-methyl-	296	C21H44	006418-46-8	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025950.D
Acq On : 11 May 2023 12:38
Operator : SY/MD
Sample : 02689-23
Misc : 2.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREQ0

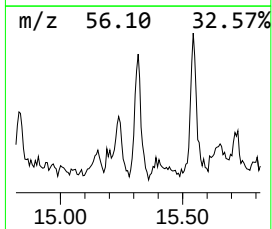
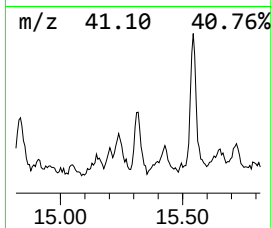
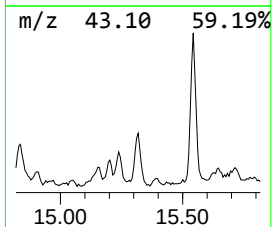
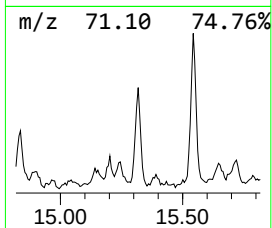
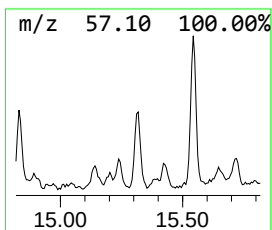
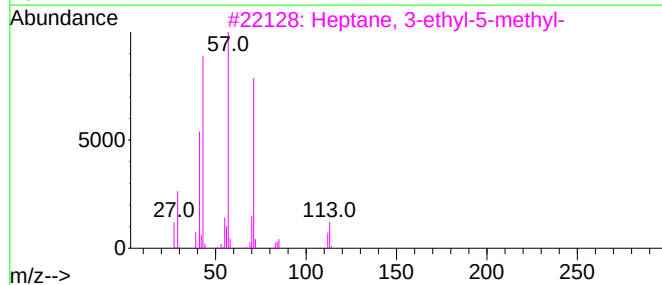
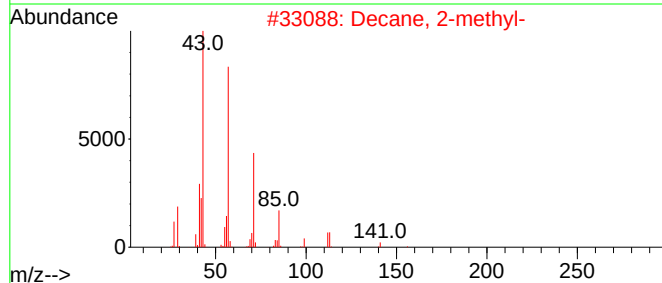
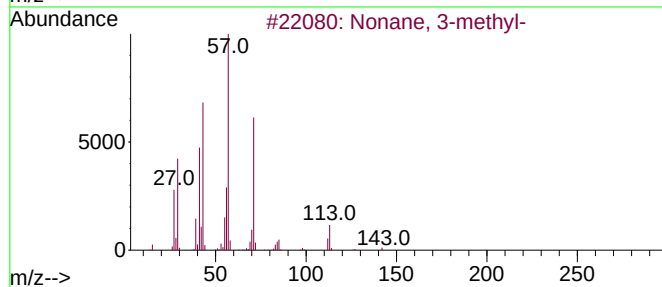
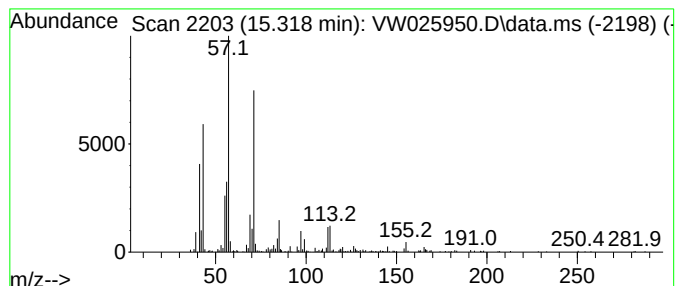
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Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	3.90 ug/L	141390	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3-methyl-	142	C10H22	005911-04-6	87
2		Decane, 2-methyl-	156	C11H24	006975-98-0	72
3		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	64
4		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64
5		Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025950.D
Acq On : 11 May 2023 12:38
Operator : SY/MD
Sample : 02689-23
Misc : 2.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREQ0

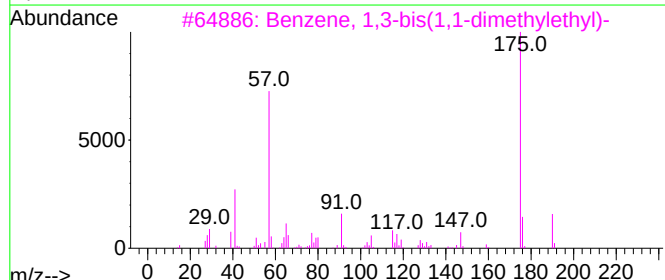
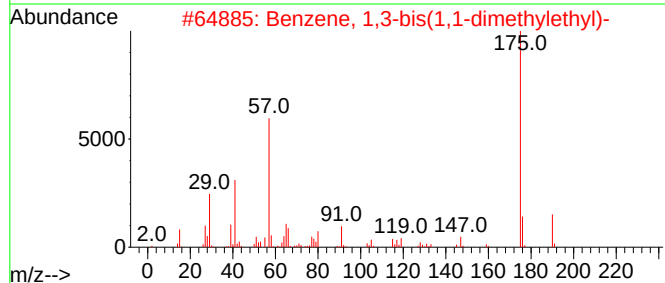
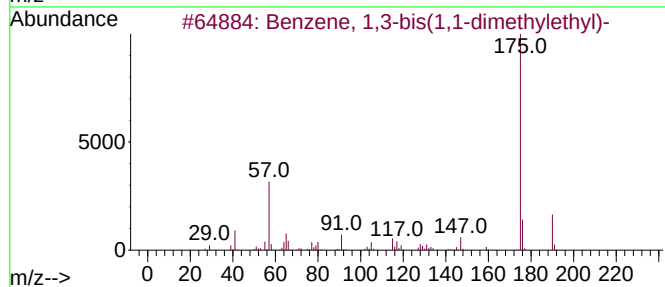
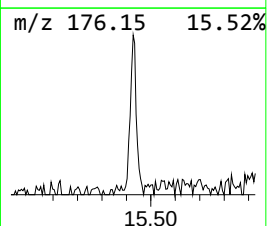
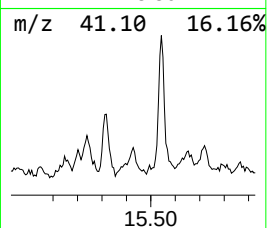
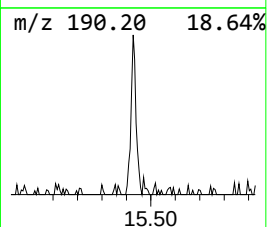
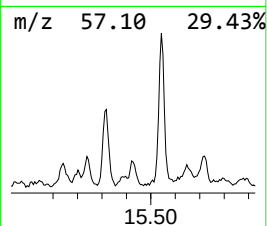
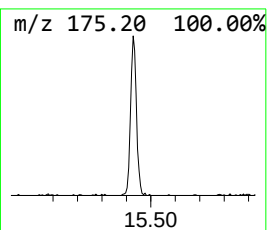
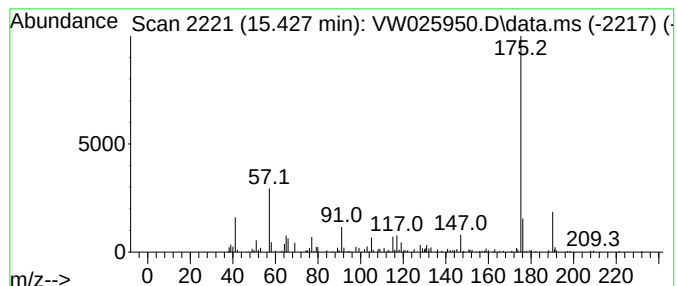
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Quant Title : SFAM01.0

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

Peak Number 25 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.428	1.49 ug/L	53886	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	93
2			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	91
3			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	91
4			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	91
5			Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025950.D
Acq On : 11 May 2023 12:38
Operator : SY/MD
Sample : 02689-23
Misc : 2.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREQ0

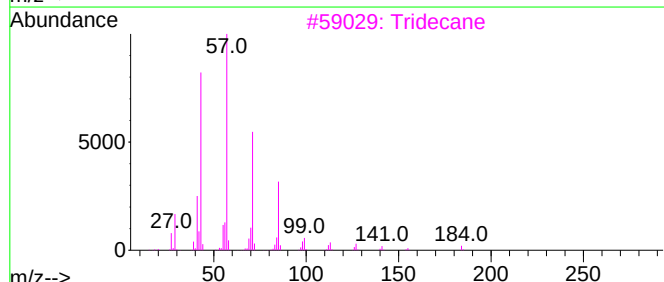
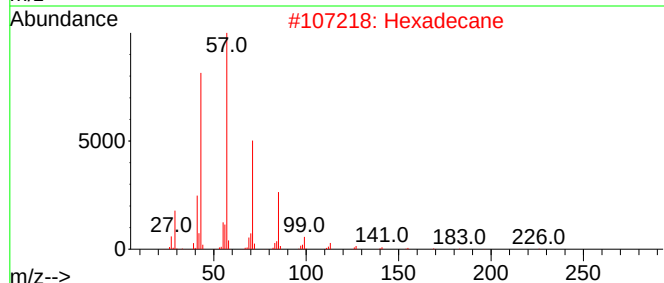
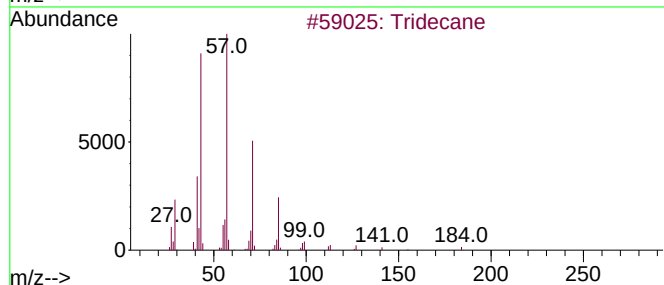
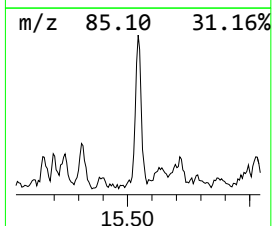
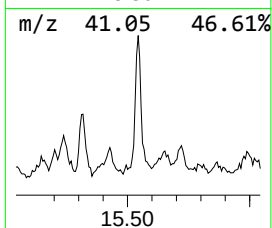
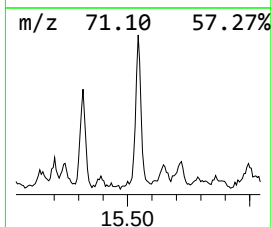
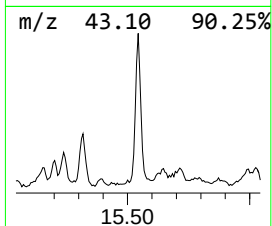
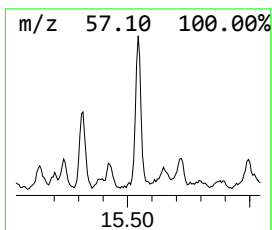
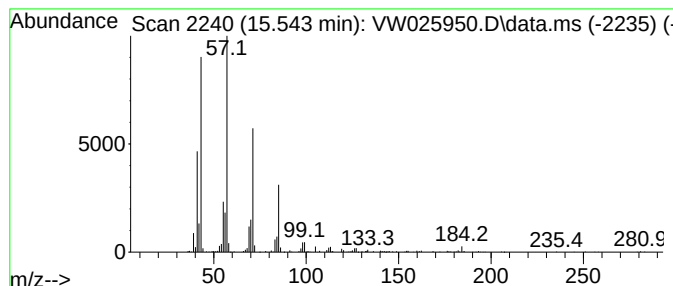
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Quant Title : SFAM01.0

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.543	7.78 ug/L	281588	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	94
2			Hexadecane	226	C16H34	000544-76-3	86
3			Tridecane	184	C13H28	000629-50-5	83
4			Tetradecane	198	C14H30	000629-59-4	83
5			Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025950.D
Acq On : 11 May 2023 12:38
Operator : SY/MD
Sample : 02689-23
Misc : 2.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREQ0

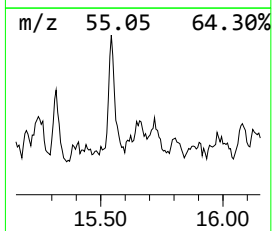
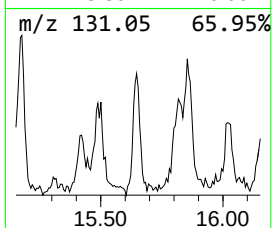
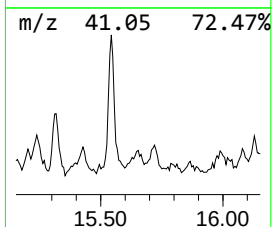
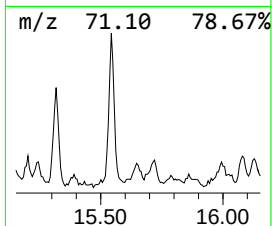
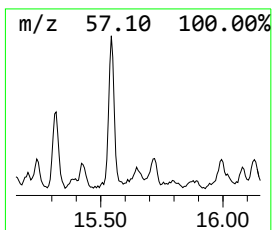
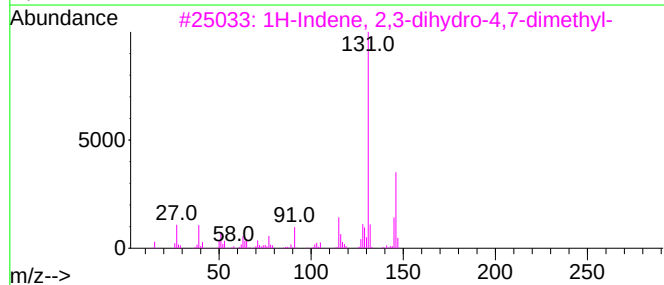
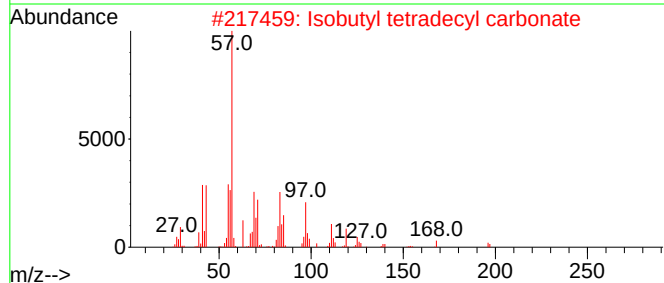
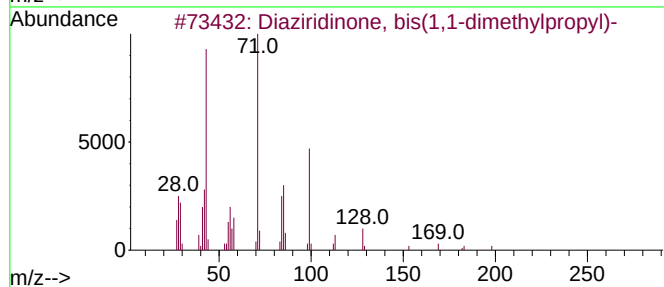
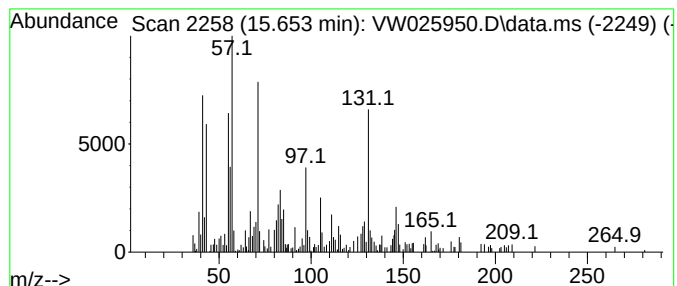
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Quant Title : SFAM01.0

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

Peak Number 27 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.653	2.53 ug/L	91477	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diaziridinone, bis(1,1-dimethylp...	198	C11H22N2O	019656-75-8	42
2			Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	25
3			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	25
4			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	25
5			4-Heptanone, 3-methyl-	128	C8H16O	015726-15-5	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025950.D
Acq On : 11 May 2023 12:38
Operator : SY/MD
Sample : 02689-23
Misc : 2.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREQ0

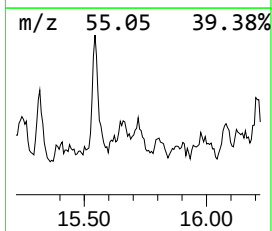
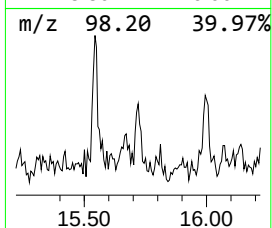
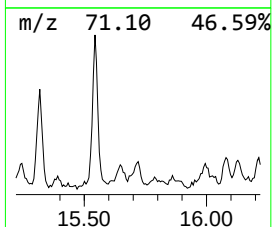
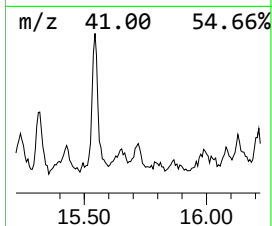
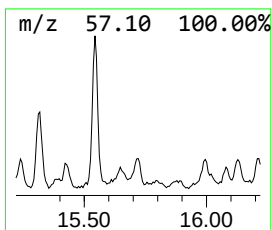
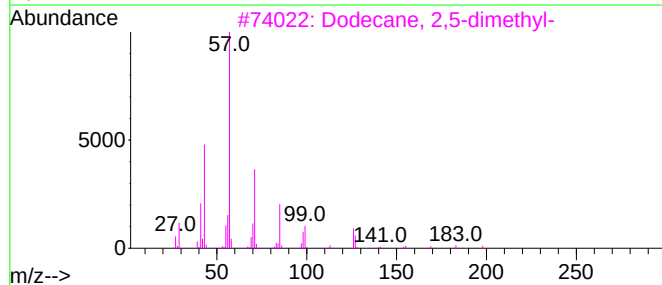
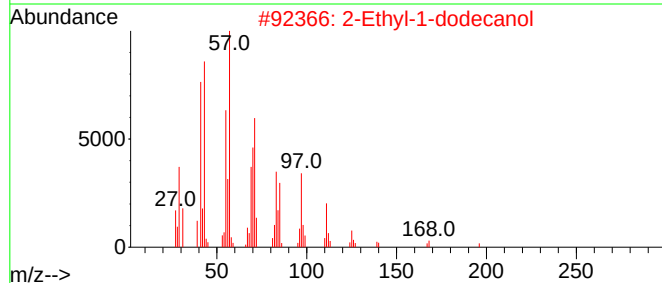
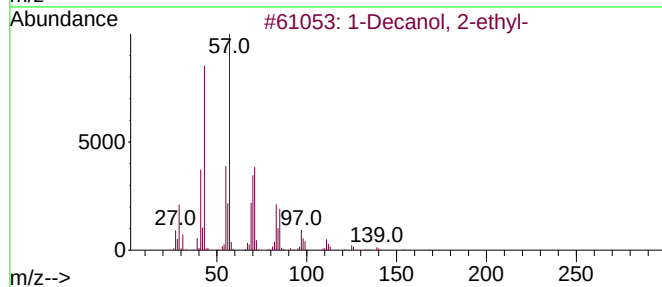
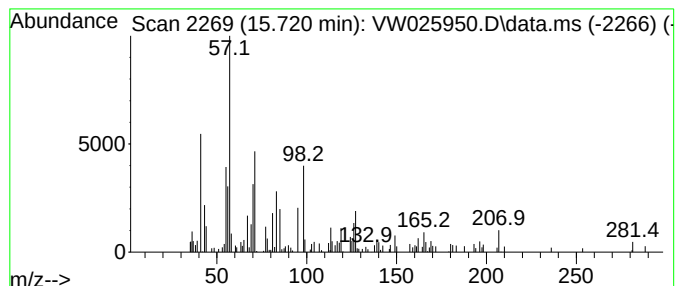
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Quant Title : SFAM01.0

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

Peak Number 28 unknown-03 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.720	1.46 ug/L	53028	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	27
2		2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	27
3		Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	27
4		Tetradecane	198	C14H30	000629-59-4	27
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025950.D
Acq On : 11 May 2023 12:38
Operator : SY/MD
Sample : 02689-23
Misc : 2.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREQ0

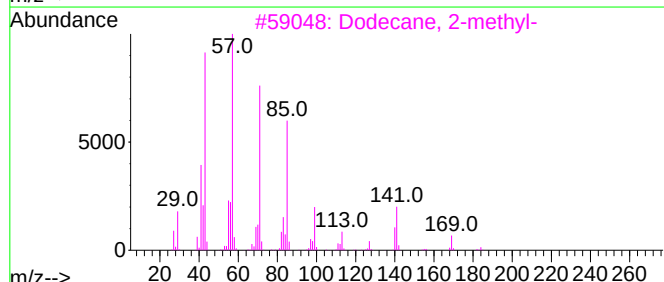
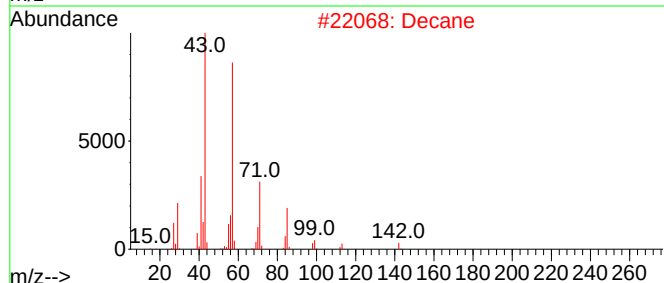
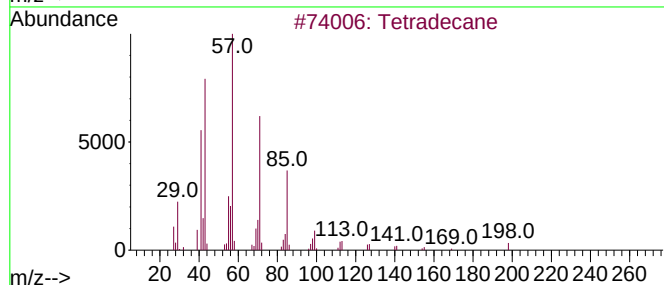
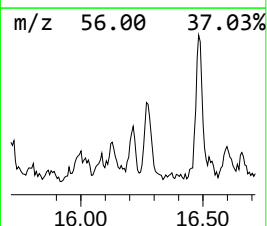
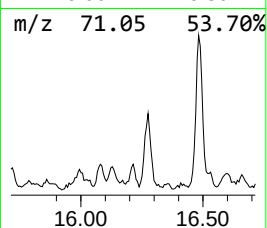
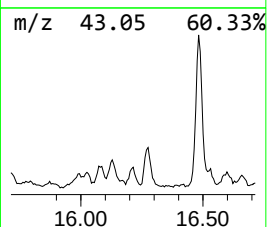
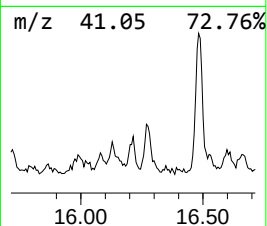
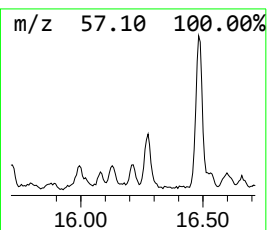
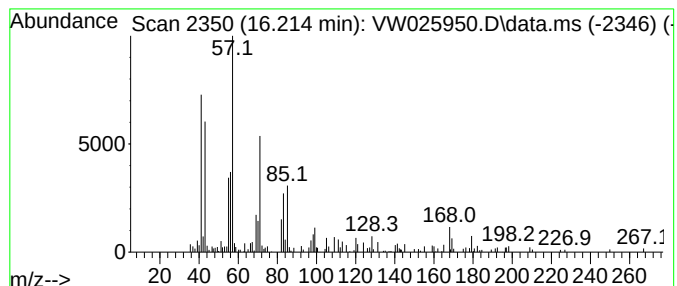
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Quant Title : SFAM01.0

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.214	1.86 ug/L	67320	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	64
2			Decane	142	C10H22	000124-18-5	64
3			Dodecane, 2-methyl-	184	C13H28	001560-97-0	60
4			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	53
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025950.D
Acq On : 11 May 2023 12:38
Operator : SY/MD
Sample : 02689-23
Misc : 2.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREQ0

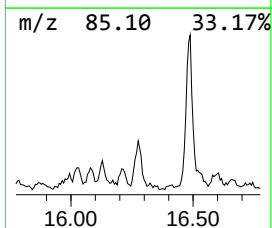
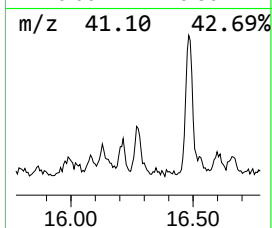
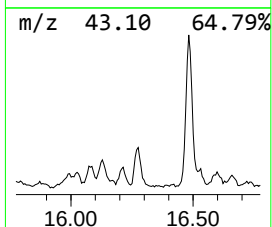
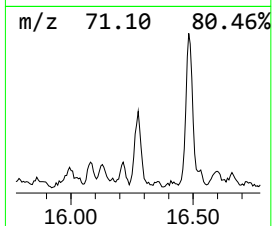
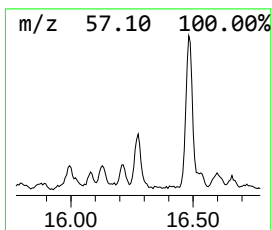
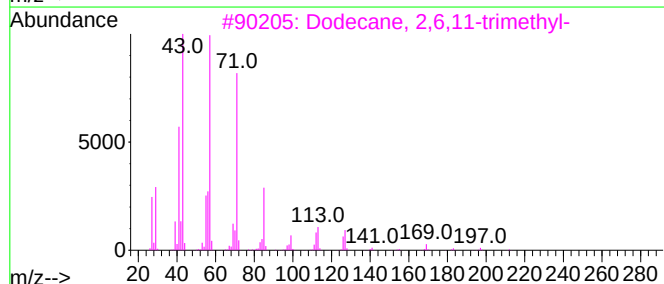
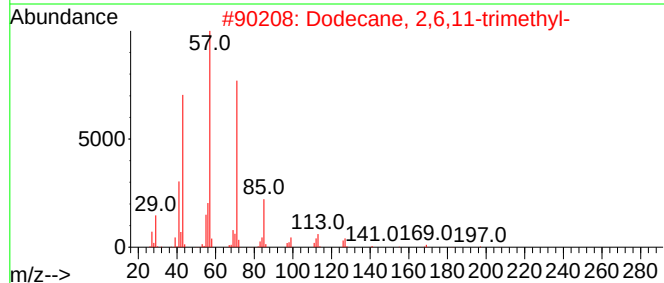
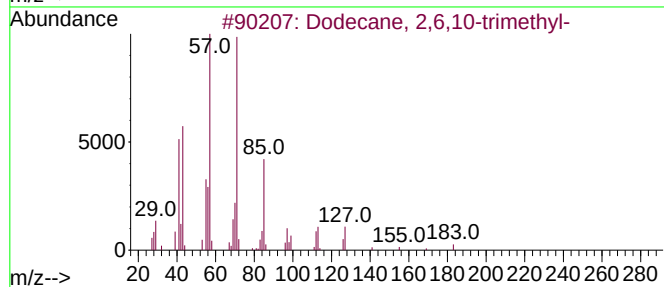
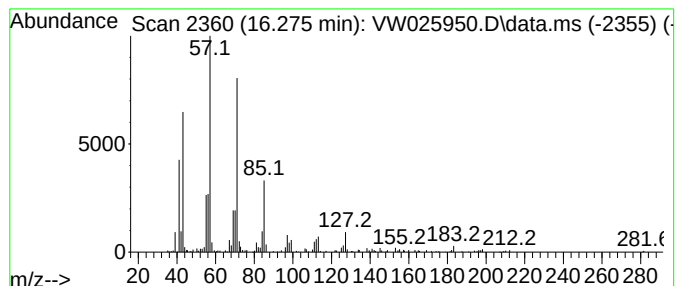
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Quant Title : SFAM01.0

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	3.72 ug/L	134589	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	87
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
5		Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
Data File : VW025950.D
Acq On : 11 May 2023 12:38
Operator : SY/MD
Sample : 02689-23
Misc : 2.82g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JREQ0

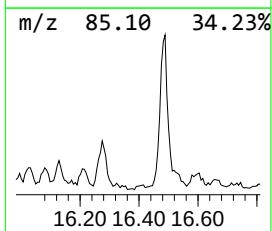
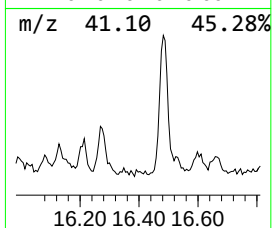
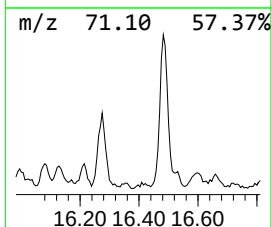
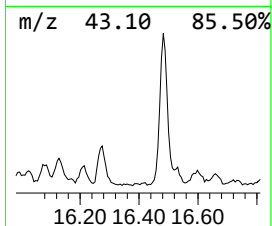
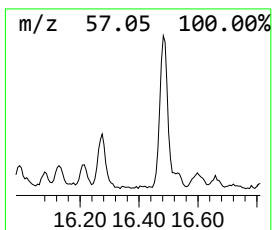
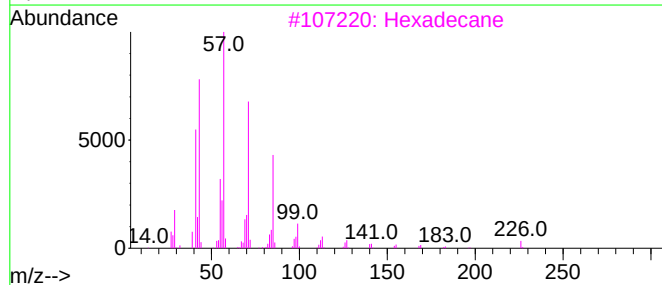
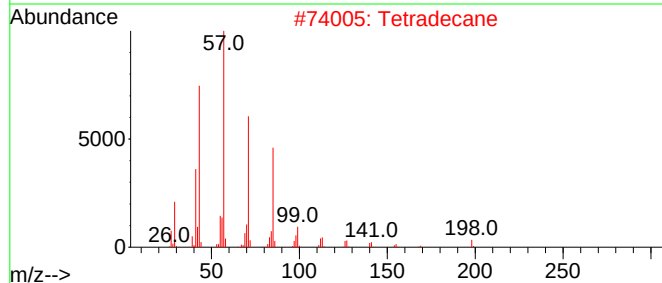
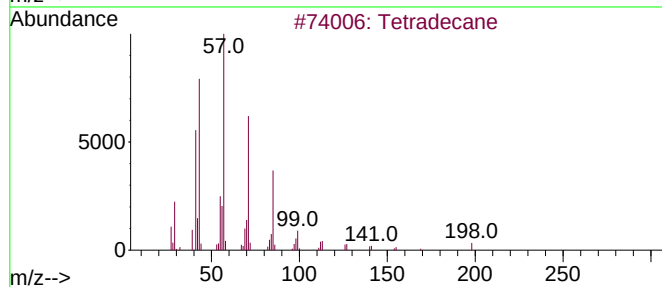
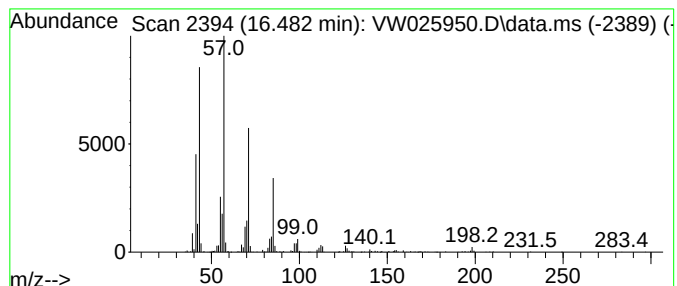
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Quant Title : SFAM01.0

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.482	9.59 ug/L	347351	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	96
2		Tetradecane	198	C14H30	000629-59-4	94
3		Hexadecane	226	C16H34	000544-76-3	90
4		Tetradecane	198	C14H30	000629-59-4	87
5		Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051123\
 Data File : VW025950.D
 Acq On : 11 May 2023 12:38
 Operator : SY/MD
 Sample : 02689-23
 Misc : 2.82g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JREQ0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.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
Methanethiol	2.668	1.3	ug/L	99926	1	8.843	1911180	25.0
Dimethyl sulfide	4.210	5.6	ug/L	428868	1	8.843	1911180	25.0
(DEL) Alkane: S...	12.361	2.8	ug/L	188213	2	11.629	1674360	25.0
.alpha.-Pinene	12.465	1.8	ug/L	117664	2	11.629	1674360	25.0
(DEL) Alkane: S...	12.775	3.0	ug/L	110243	3	13.556	905402	25.0
Benzene, 1-ethy...	12.861	3.0	ug/L	107475	3	13.556	905402	25.0
(DEL) Alkane: S...	13.160	2.1	ug/L	77972	3	13.556	905402	25.0
Bicyclo[4.1.0]h...	13.446	10.6	ug/L	384262	3	13.556	905402	25.0
o-Cymene	13.495	32.5	ug/L	1176520	3	13.556	905402	25.0
(DEL) Alkane: S...	14.129	1.4	ug/L	48896	3	13.556	905402	25.0
2-Nonanone	14.220	15.1	ug/L	546782	3	13.556	905402	25.0
(DEL) Alkane: S...	14.342	1.9	ug/L	68590	3	13.556	905402	25.0
unknown-01	14.385	2.4	ug/L	85318	3	13.556	905402	25.0
(DEL) Alkane: S...	14.422	1.8	ug/L	63413	3	13.556	905402	25.0
(DEL) Alkane: S...	14.489	1.3	ug/L	45394	3	13.556	905402	25.0
(DEL) Alkane: S...	14.714	5.3	ug/L	190715	3	13.556	905402	25.0
3-Phenylbut-1-ene	14.793	2.1	ug/L	74896	3	13.556	905402	25.0
(DEL) Alkane: S...	14.836	4.4	ug/L	160466	3	13.556	905402	25.0
Naphthalene, 1,...	14.958	1.3	ug/L	46793	3	13.556	905402	25.0
Isobutyl octade...	15.239	2.2	ug/L	80580	3	13.556	905402	25.0
(DEL) Alkane: S...	15.318	3.9	ug/L	141390	3	13.556	905402	25.0
Benzene, 1,3-bi...	15.428	1.5	ug/L	53886	3	13.556	905402	25.0
(DEL) Alkane: S...	15.543	7.8	ug/L	281588	3	13.556	905402	25.0
unknown-02	15.653	2.5	ug/L	91477	3	13.556	905402	25.0
unknown-03	15.720	1.5	ug/L	53028	3	13.556	905402	25.0
(DEL) Alkane: S...	16.214	1.9	ug/L	67320	3	13.556	905402	25.0
(DEL) Alkane: S...	16.275	3.7	ug/L	134589	3	13.556	905402	25.0
(DEL) Alkane: S...	16.482	9.6	ug/L	347351	3	13.556	905402	25.0