

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
 Data File : VW026147.D
 Acq On : 08 Jun 2023 21:30
 Operator : SY/MD
 Sample : 03101-11
 Misc : 8.68g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZEN0

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\SFAMWLM053023SMA.M
 Title : SFAM01.0

Signal : TIC: VW026147.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.362	71	78	93	rVB	154267	366033	12.46%	1.478%
2	2.637	118	123	131	rBV	11278	26601	0.91%	0.107%
3	2.899	157	166	179	rBV	132728	385999	13.14%	1.558%
4	3.192	213	214	216	rVB2	1650	1204	0.04%	0.005%
5	3.387	241	246	255	rVB2	6002	15387	0.52%	0.062%
6	3.460	255	258	259	rBV3	1174	1339	0.05%	0.005%
7	3.533	266	270	271	rBV4	1640	1716	0.06%	0.007%
8	3.600	280	281	287	rVB6	1387	2033	0.07%	0.008%
9	3.752	303	306	310	rBV5	1338	2001	0.07%	0.008%
10	3.795	311	313	314	rVB2	2262	1471	0.05%	0.006%
11	3.844	316	321	322	rBV5	2464	3448	0.12%	0.014%
12	3.887	324	328	333	rVB8	2753	4661	0.16%	0.019%
13	4.021	337	350	360	rBV	307914	937610	31.92%	3.785%
14	4.118	360	366	377	rVB	77810	206735	7.04%	0.835%
15	4.338	400	402	404	rBV3	1337	1391	0.05%	0.006%
16	4.374	404	408	409	rBV4	2386	3453	0.12%	0.014%
17	4.405	411	413	417	rVB4	2285	2902	0.10%	0.012%
18	4.527	430	433	440	rBV6	1102	2109	0.07%	0.009%
19	4.618	445	448	454	rBV8	1865	4458	0.15%	0.018%
20	4.685	457	459	463	rVB5	2385	2778	0.09%	0.011%
21	4.722	463	465	468	rBV4	1218	1327	0.05%	0.005%
22	4.764	470	472	475	rVB4	1561	1769	0.06%	0.007%
23	4.807	477	479	482	rVB4	1544	1631	0.06%	0.007%
24	4.923	484	498	509	rBV5	16899	72275	2.46%	0.292%
25	5.057	518	520	522	rBV3	1491	1282	0.04%	0.005%
26	5.112	525	529	530	rBV4	1006	1247	0.04%	0.005%
27	5.155	533	536	537	rBV3	1356	1656	0.06%	0.007%
28	5.240	546	550	553	rVB6	1934	2612	0.09%	0.011%
29	5.283	555	557	558	rVV2	1887	1407	0.05%	0.006%
30	5.307	558	561	565	rVV6	2229	3104	0.11%	0.013%
31	5.350	565	568	569	rVV3	1291	1149	0.04%	0.005%
32	5.368	569	571	572	rVV2	1793	1266	0.04%	0.005%
33	5.386	572	574	575	rVV2	1413	1181	0.04%	0.005%
34	5.423	575	580	582	rVV6	1956	3729	0.13%	0.015%
35	5.447	582	584	587	rVV4	1940	2696	0.09%	0.011%
36	5.490	590	591	593	rVB2	2207	1205	0.04%	0.005%

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 Title : SFAM01.0

37	5.533	593	598	600	rBV6	2489	3334	0.11%	0.013%
38	5.618	607	612	614	rBV6	1418	2131	0.07%	0.009%
39	5.728	626	630	632	rBV5	2397	2737	0.09%	0.011%
40	5.746	632	633	635	rVV2	2019	1829	0.06%	0.007%
41	5.770	635	637	639	rVV3	2145	2193	0.07%	0.009%
42	5.795	639	641	643	rVV3	1746	1972	0.07%	0.008%
43	5.819	643	645	648	rVB4	1861	1642	0.06%	0.007%
44	5.941	656	665	673	rBV4	7574	22091	0.75%	0.089%
45	6.002	673	675	678	rVB4	1500	1166	0.04%	0.005%
46	6.081	687	688	690	rBV2	1329	1383	0.05%	0.006%
47	6.124	693	695	701	rVB7	1677	1749	0.06%	0.007%
48	6.185	701	705	707	rBV5	1739	1841	0.06%	0.007%
49	6.234	711	713	716	rVB4	2352	2579	0.09%	0.010%
50	6.270	716	719	722	rBV5	1994	3013	0.10%	0.012%
51	6.319	725	727	729	rBV3	1503	1435	0.05%	0.006%
52	6.349	729	732	736	rVB6	2089	3015	0.10%	0.012%
53	6.392	736	739	744	rBV7	2190	4386	0.15%	0.018%
54	6.441	744	747	750	rVB5	1037	1451	0.05%	0.006%
55	6.496	754	756	759	rVB4	1326	1210	0.04%	0.005%
56	6.618	775	776	780	rBV4	873	1191	0.04%	0.005%
57	6.697	788	789	794	rBV4	782	1186	0.04%	0.005%
58	6.770	796	801	802	rBV5	1456	1967	0.07%	0.008%
59	6.910	823	824	828	rVB4	1559	1524	0.05%	0.006%
60	6.947	828	830	832	rBV3	1385	1547	0.05%	0.006%
61	6.977	832	835	837	rBV4	2443	3496	0.12%	0.014%
62	7.075	841	851	861	rBV	108603	343287	11.69%	1.386%
63	7.173	862	867	878	rVV	33324	95445	3.25%	0.385%
64	7.264	881	882	884	rVB2	2533	1617	0.06%	0.007%
65	7.301	886	888	891	rVB4	1590	1577	0.05%	0.006%
66	7.410	904	906	909	rBV4	956	1175	0.04%	0.005%
67	7.648	934	945	957	rBV	503196	1190453	40.52%	4.806%
68	7.788	966	968	974	rVB7	1733	2257	0.08%	0.009%
69	7.959	991	996	1000	rVB7	3134	6166	0.21%	0.025%
70	8.032	1003	1008	1011	rBV7	3494	5894	0.20%	0.024%
71	8.136	1023	1025	1027	rBV3	1472	1435	0.05%	0.006%
72	8.160	1027	1029	1034	rVB6	1916	3180	0.11%	0.013%
73	8.276	1037	1048	1064	rBV2	1006259	2937588	100.00%	11.860%
74	8.380	1064	1065	1067	rBV2	2203	1358	0.05%	0.005%
75	8.477	1075	1081	1086	rBV	8069	16655	0.57%	0.067%
76	8.630	1104	1106	1109	rBV4	2342	2440	0.08%	0.010%

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77	8.697	1112	1117	1122	rBV8	4870	13405	0.46%	0.054%
78	8.782	1129	1131	1132	rBV2	1895	1513	0.05%	0.006%
79	8.843	1132	1141	1156	rVV	1083119	2186421	74.43%	8.827%
80	9.270	1201	1211	1228	rBV	686096	1460599	49.72%	5.897%
81	9.660	1272	1275	1282	rBV5	6768	14045	0.48%	0.057%
82	9.751	1287	1290	1295	rVB2	11301	20388	0.69%	0.082%
83	10.032	1329	1336	1344	rBV	290084	540441	18.40%	2.182%
84	10.318	1377	1383	1392	rBV	1244757	2205514	75.08%	8.904%
85	10.574	1419	1425	1433	rBV	182786	323178	11.00%	1.305%
86	10.922	1476	1482	1492	rBV	397274	773501	26.33%	3.123%
87	11.336	1534	1550	1552	rBV2	244214	949160	32.31%	3.832%
88	11.629	1591	1598	1605	rBV	1340045	2217269	75.48%	8.952%
89	12.586	1750	1755	1761	rBV	238184	377910	12.86%	1.526%
90	12.690	1766	1772	1777	rBV	536009	929707	31.65%	3.754%
91	12.757	1779	1783	1792	rVB3	79313	197065	6.71%	0.796%
92	13.190	1851	1854	1859	rVB2	141009	190803	6.50%	0.770%
93	13.403	1885	1889	1906	rVB4	371674	974412	33.17%	3.934%
94	13.556	1909	1914	1918	rVV	923681	1477367	50.29%	5.965%
95	13.598	1918	1921	1932	rVB	260017	502384	17.10%	2.028%
96	13.848	1956	1962	1969	rBV	732942	1391287	47.36%	5.617%
97	15.317	2199	2203	2209	rVB	231864	349572	11.90%	1.411%
98	15.616	2242	2252	2257	rVB7	77161	271810	9.25%	1.097%
99	16.275	2354	2360	2369	rVB	283050	513840	17.49%	2.075%
100	16.531	2398	2402	2407	rVB2	75918	131622	4.48%	0.531%

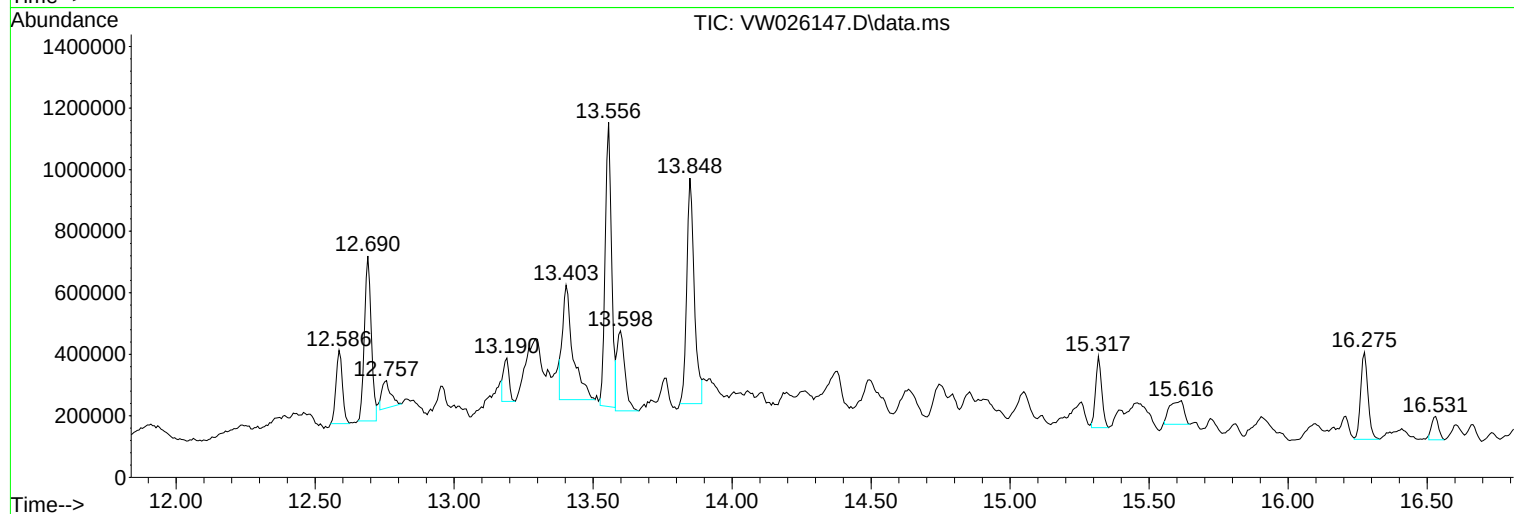
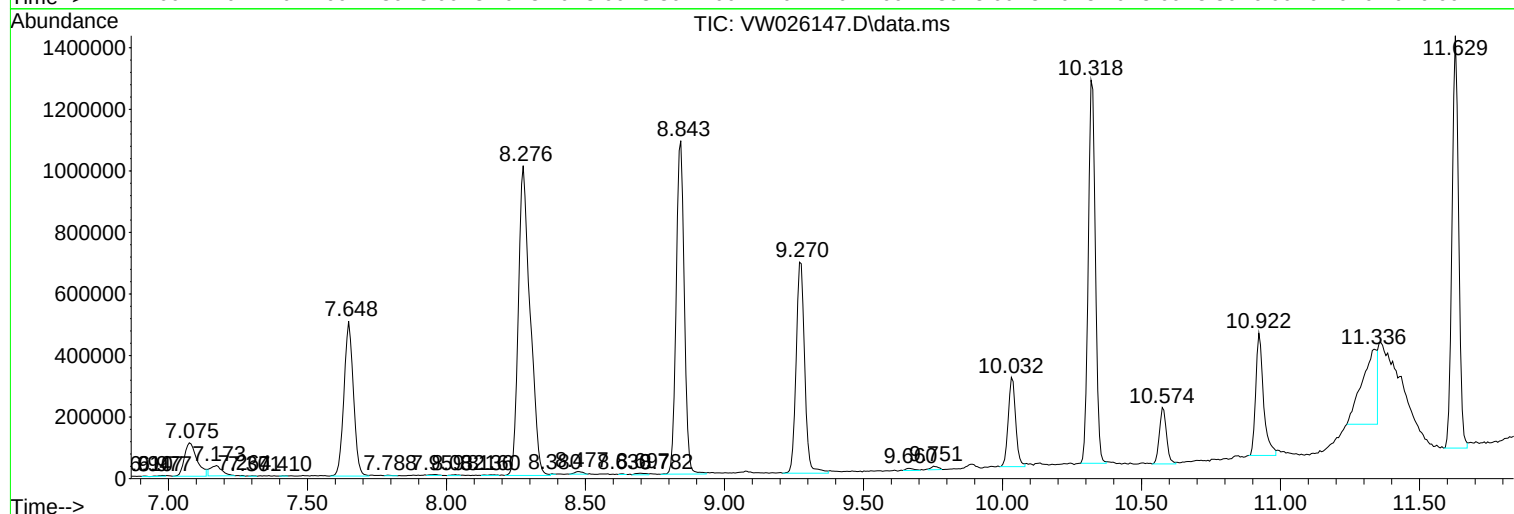
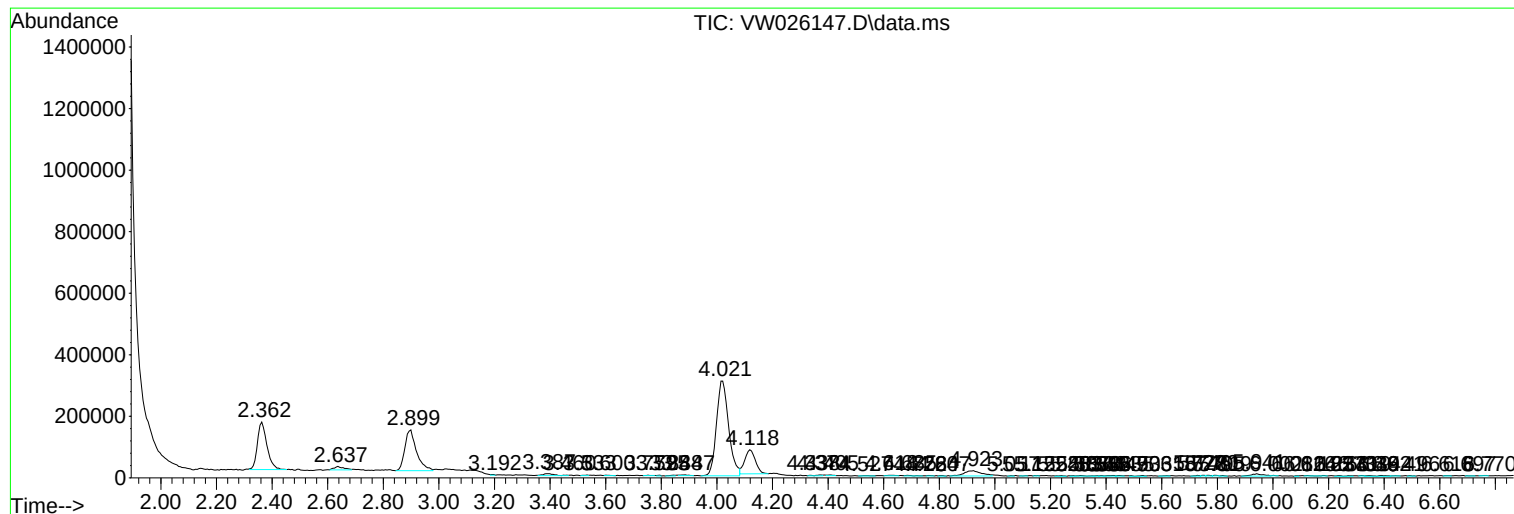
Sum of corrected areas: 24768673

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0

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



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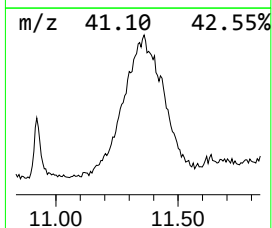
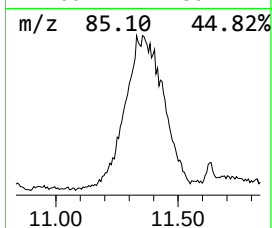
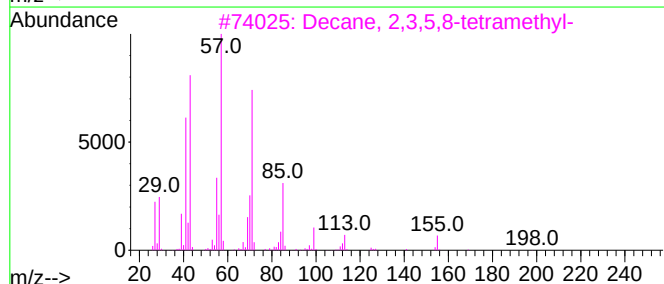
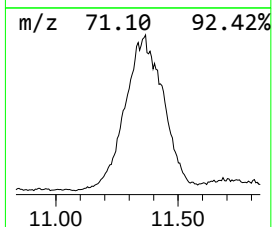
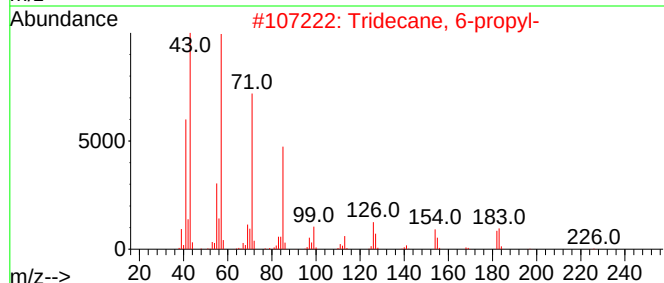
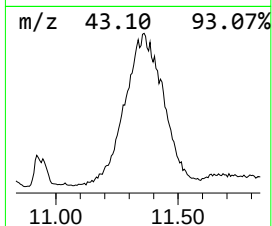
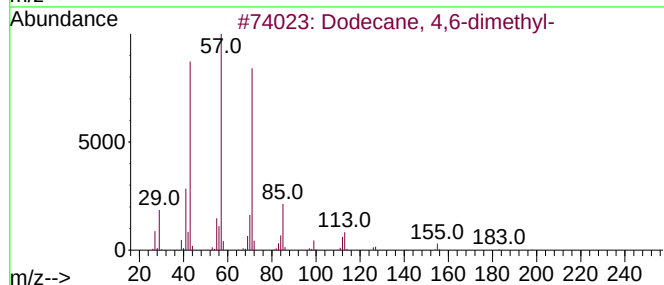
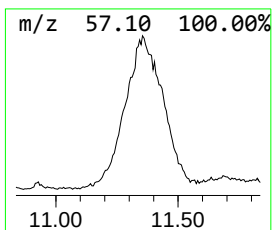
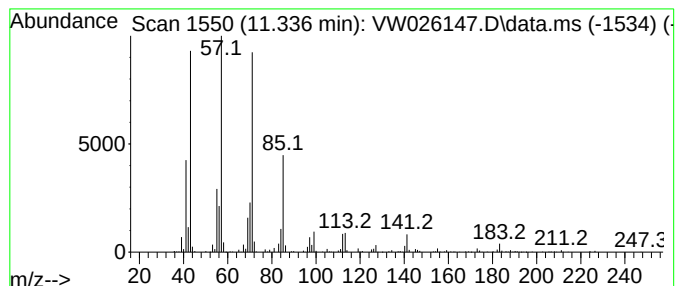
Instrument :
MSVOA_W
ClientSampleId :
EZENO

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.336	10.70 ug/L	949160	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-		198	C14H30	061141-72-8	81
2	Tridecane, 6-propyl-		226	C16H34	055045-10-8	81
3	Decane, 2,3,5,8-tetramethyl-		198	C14H30	192823-15-7	80
4	Decane, 5-propyl-		184	C13H28	017312-62-8	76
5	Hexadecane		226	C16H34	000544-76-3	74



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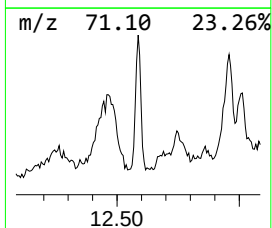
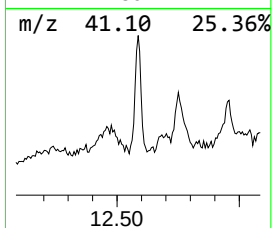
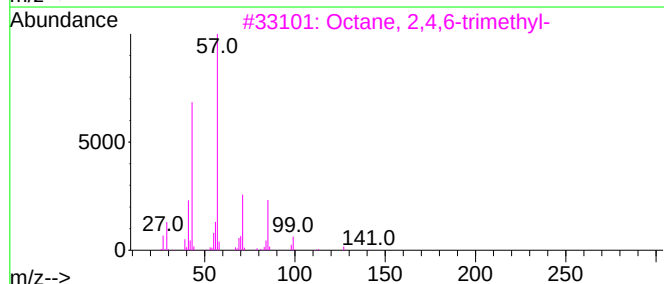
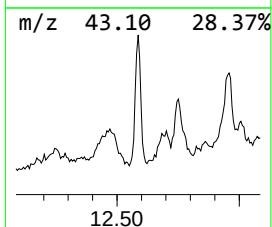
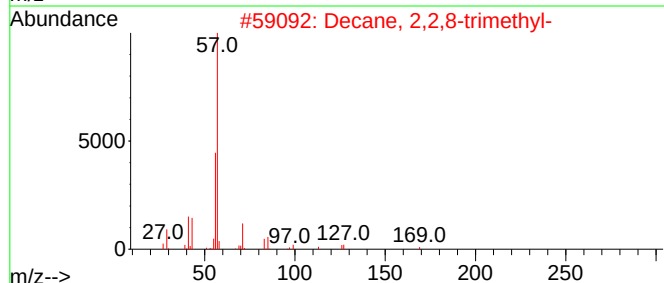
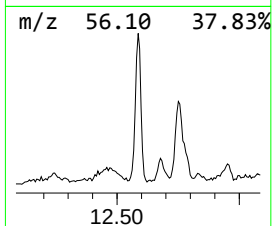
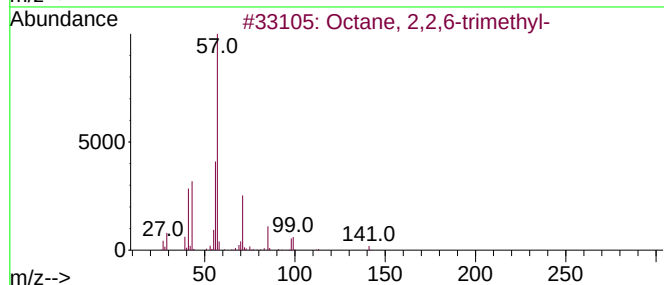
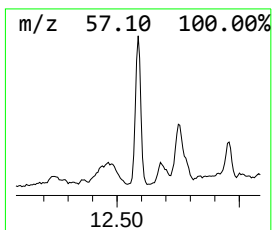
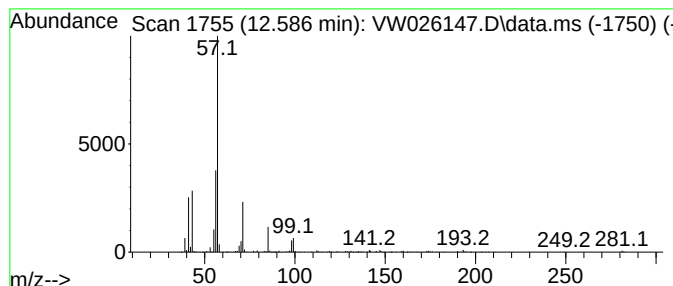
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.586	4.26 ug/L	377910	Chlorobenzene-d5	11.629

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	72
2		Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	64
3		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
4		Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	50
5		Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	50



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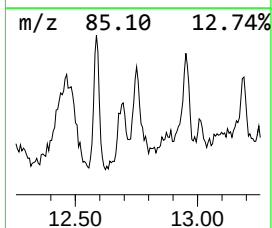
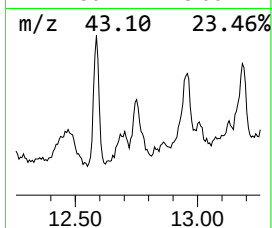
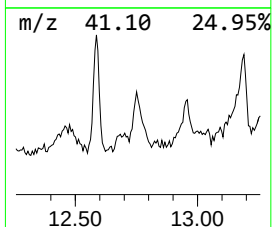
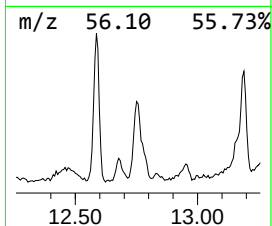
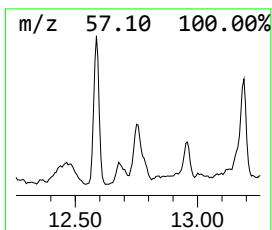
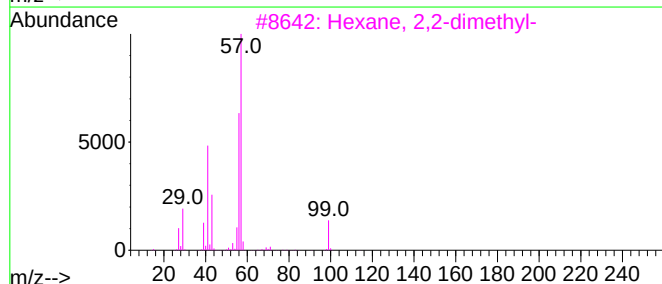
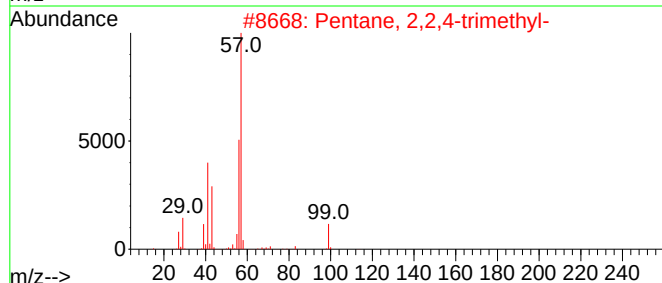
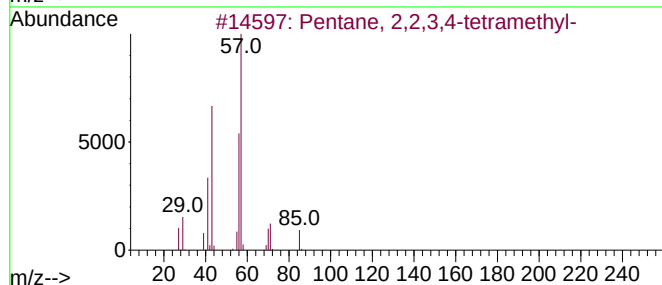
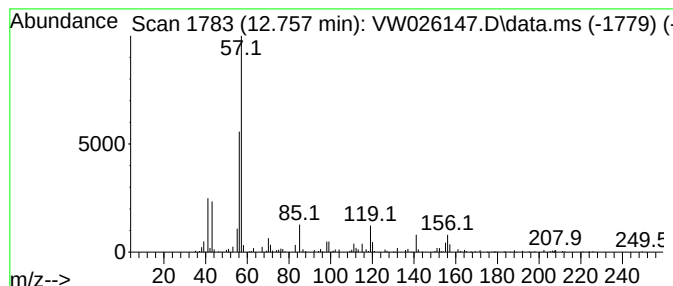
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.757	3.33 ug/L	197065	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	47
2			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	43
3			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	43
4			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	38
5			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
Data File : VW026147.D
Acq On : 08 Jun 2023 21:30
Operator : SY/MD
Sample : 03101-11
Misc : 8.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZENO

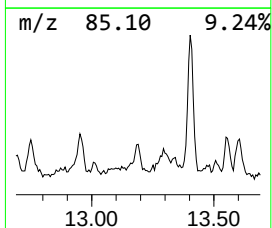
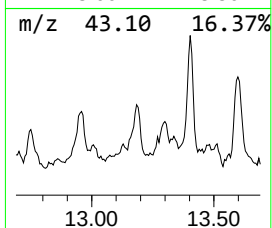
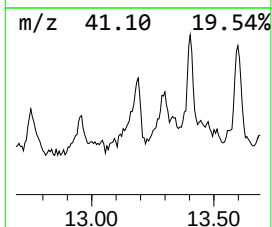
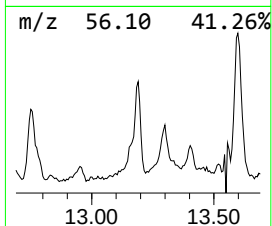
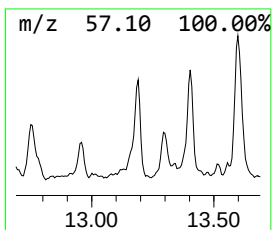
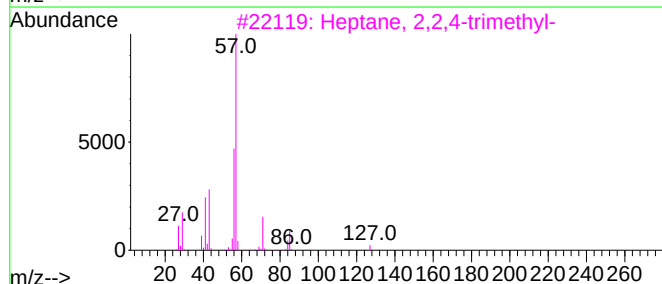
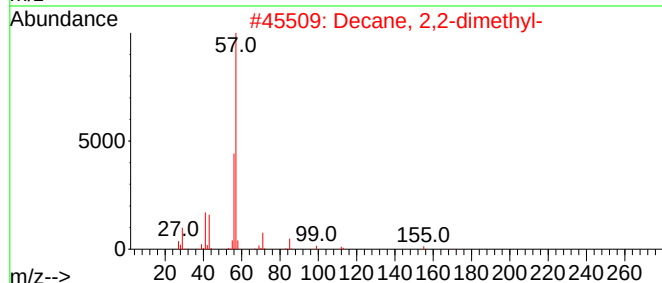
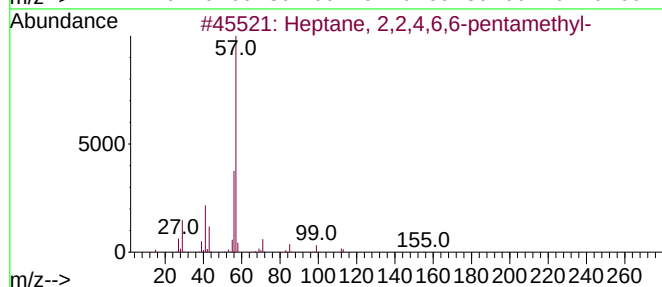
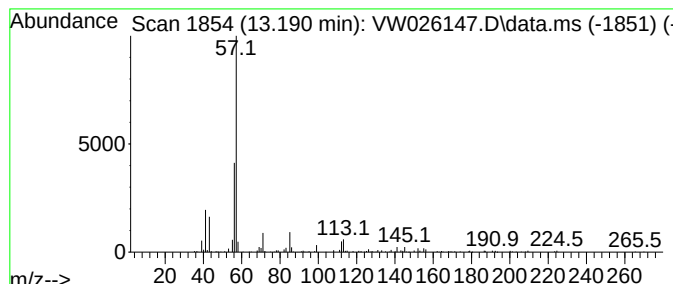
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.190	3.23 ug/L	190803	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	72
2			Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	64
3			Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	59
4			Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	59
5			Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
Data File : VW026147.D
Acq On : 08 Jun 2023 21:30
Operator : SY/MD
Sample : 03101-11
Misc : 8.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZENO

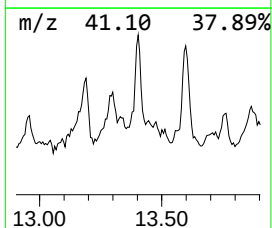
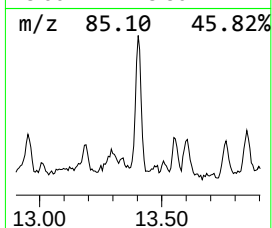
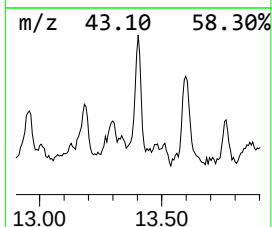
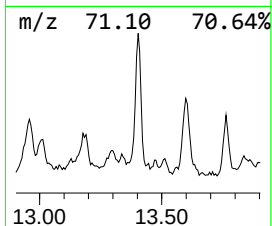
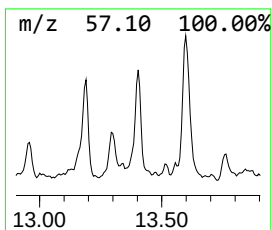
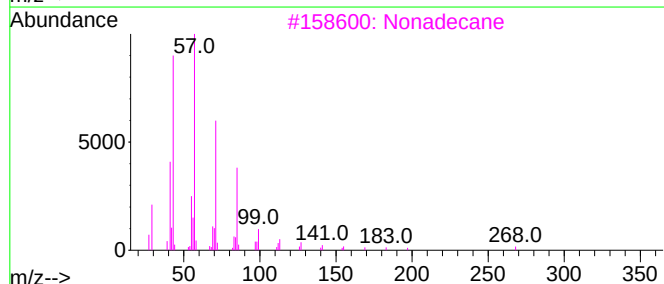
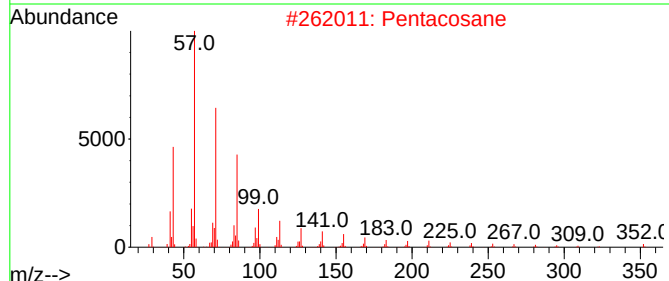
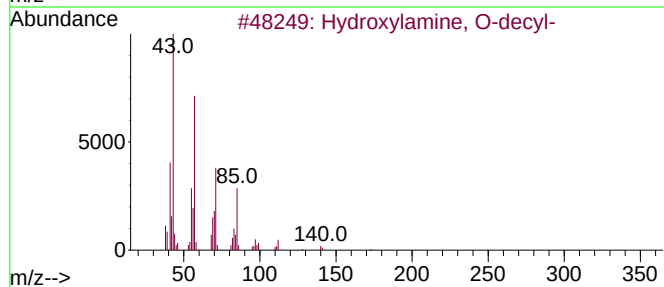
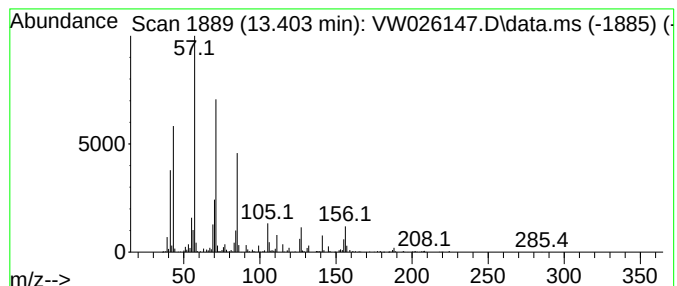
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Quant Title : SFAM01.0

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

Peak Number 6 Hydroxylamine, O-decyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.403	16.49 ug/L	974412	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	64
2			Pentacosane	352	C25H52	000629-99-2	64
3			Nonadecane	268	C19H40	000629-92-5	59
4			Hexacosane	366	C26H54	000630-01-3	59
5			Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
Data File : VW026147.D
Acq On : 08 Jun 2023 21:30
Operator : SY/MD
Sample : 03101-11
Misc : 8.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZENO

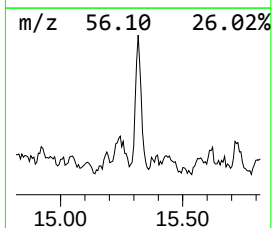
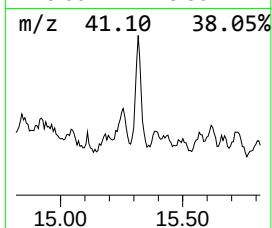
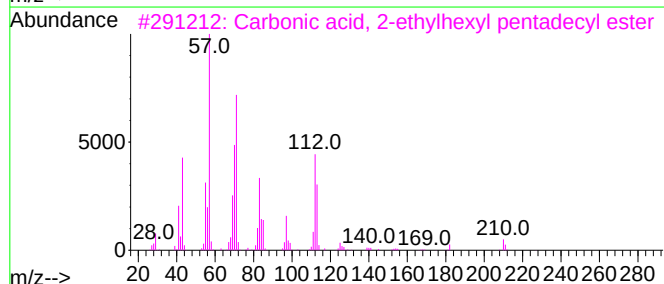
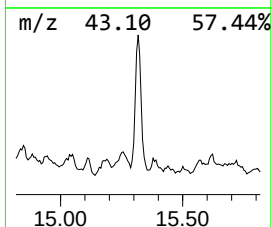
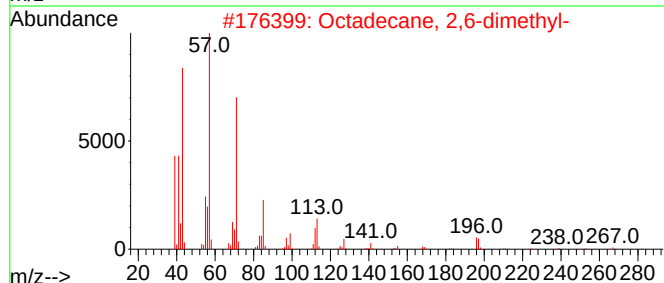
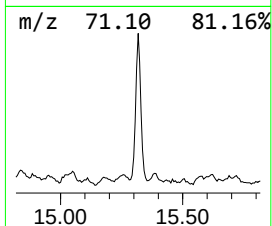
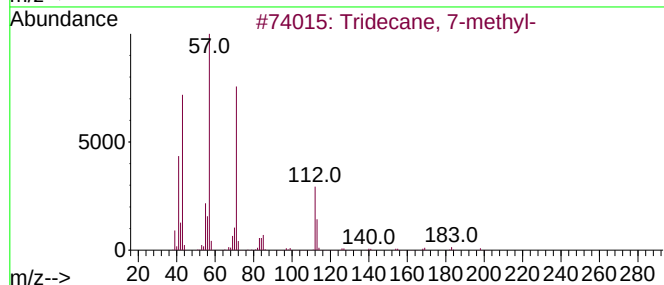
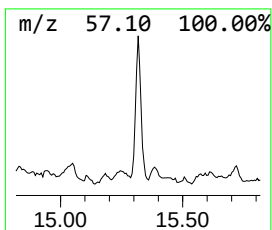
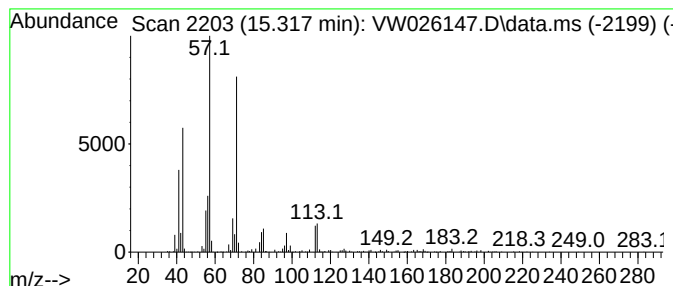
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.317	5.92 ug/L	349572	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-methyl-	198	C14H30	026730-14-3	83
2			Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	83
3			Carbonic acid, 2-ethylhexyl pent...	384	C24H48O3	1000383-14-2	83
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
5			Isooctyl mercaptoacetate	204	C10H20O2S	025103-09-7	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
Data File : VW026147.D
Acq On : 08 Jun 2023 21:30
Operator : SY/MD
Sample : 03101-11
Misc : 8.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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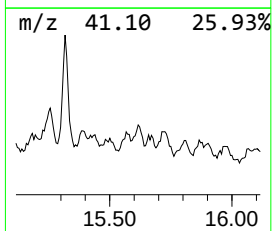
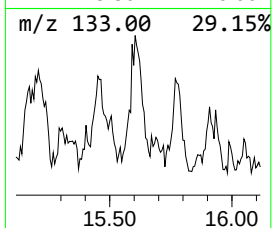
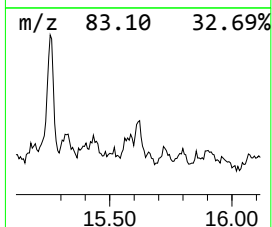
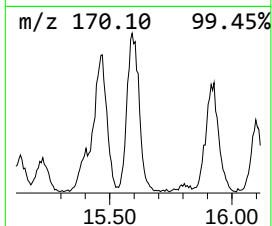
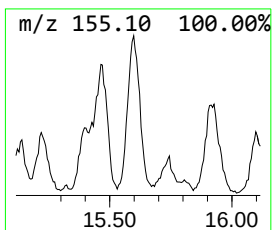
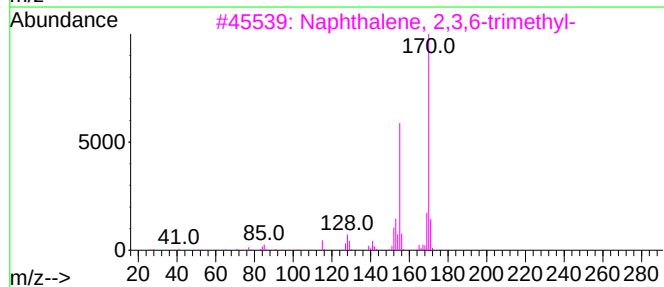
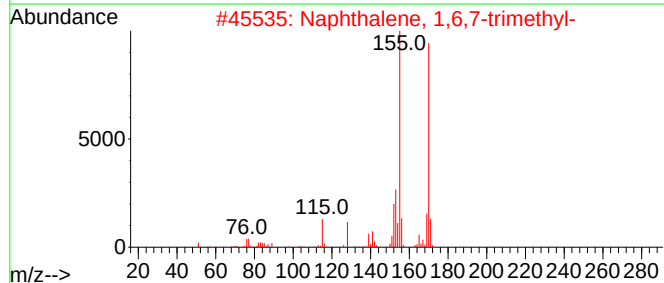
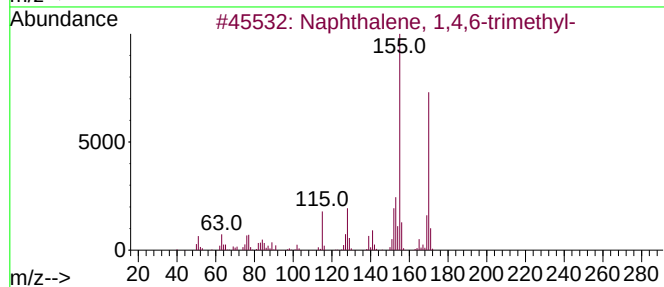
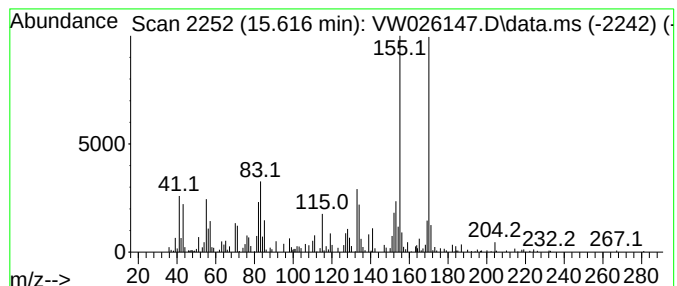
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Quant Title : SFAM01.0

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

Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.616	4.60 ug/L	271810	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	81
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
Data File : VW026147.D
Acq On : 08 Jun 2023 21:30
Operator : SY/MD
Sample : 03101-11
Misc : 8.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZENO

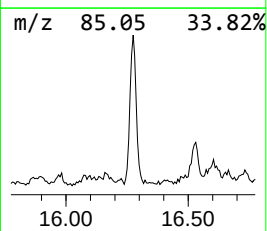
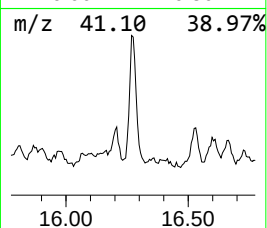
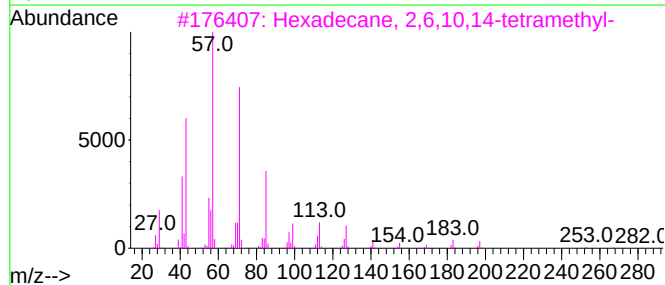
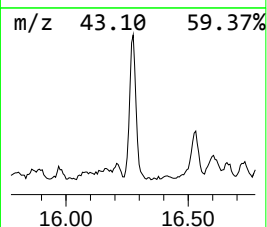
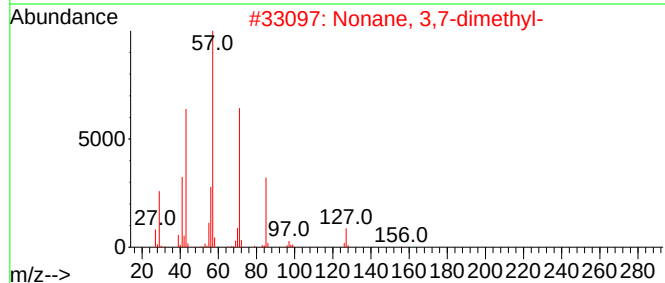
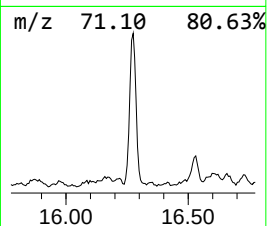
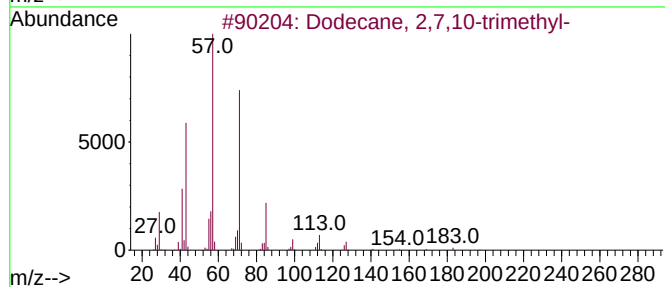
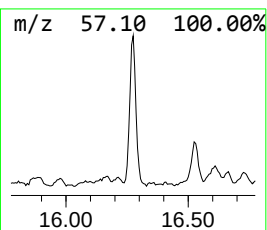
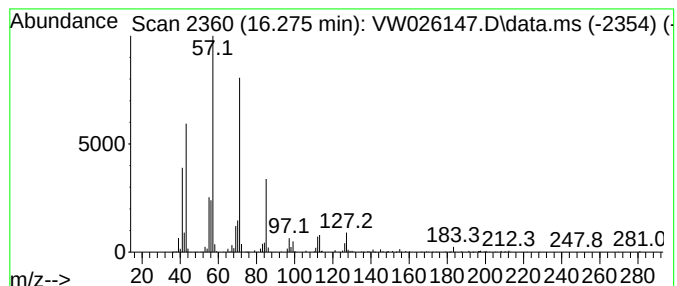
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	8.70 ug/L	513840	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
5			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
Data File : VW026147.D
Acq On : 08 Jun 2023 21:30
Operator : SY/MD
Sample : 03101-11
Misc : 8.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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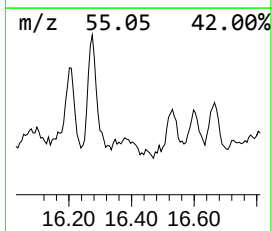
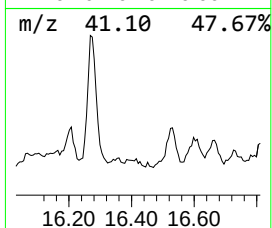
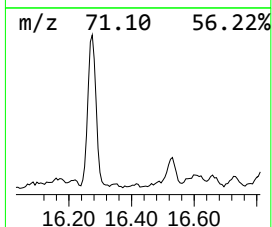
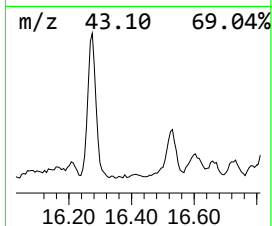
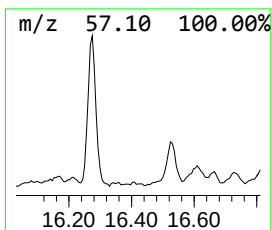
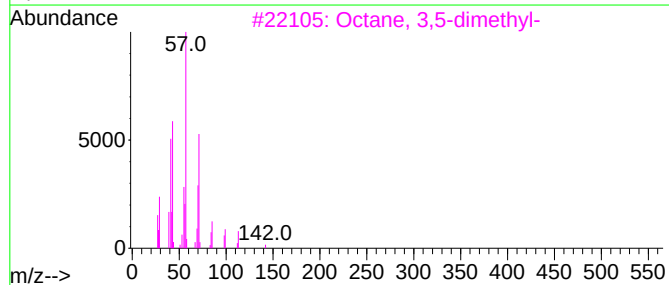
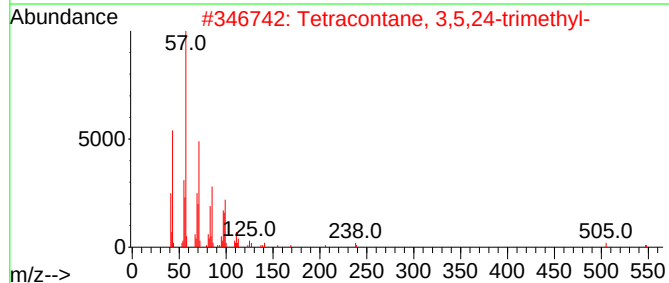
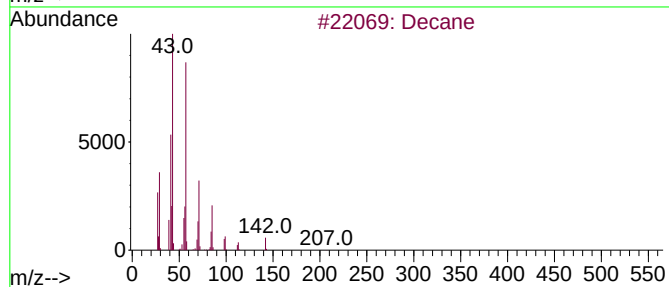
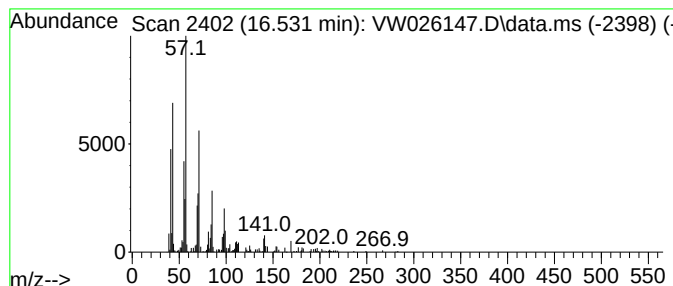
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.531	2.23 ug/L	131622	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	81
2			Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	72
3			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	72
4			Decane	142	C10H22	000124-18-5	68
5			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
Data File : VW026147.D
Acq On : 08 Jun 2023 21:30
Operator : SY/MD
Sample : 03101-11
Misc : 8.68g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZENO

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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(DEL) Alkane: S...	12.586	4.3	ug/L	377910	2	11.629	2217270	25.0
(DEL) Alkane: S...	12.757	3.3	ug/L	197065	3	13.556	1477370	25.0
(DEL) Alkane: S...	13.190	3.2	ug/L	190803	3	13.556	1477370	25.0
Hydroxylamine, ...	13.403	16.5	ug/L	974412	3	13.556	1477370	25.0
(DEL) Alkane: S...	15.317	5.9	ug/L	349572	3	13.556	1477370	25.0
Naphthalene, 1,...	15.616	4.6	ug/L	271810	3	13.556	1477370	25.0
(DEL) Alkane: S...	16.275	8.7	ug/L	513840	3	13.556	1477370	25.0
(DEL) Alkane: S...	16.531	2.2	ug/L	131622	3	13.556	1477370	25.0