

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
 Data File : VW026399.D
 Acq On : 28 Jun 2023 15:33
 Operator : SY/MD
 Sample : 03421-05RE
 Misc : 4.53g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4643RE

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\SFAMWLM062623SMA.M
 Title : SFAM01.0

Signal : TIC: VW026399.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.143	39	42	46	rBV3	6054	10381	0.08%	0.037%
2	2.357	71	77	91	rVB	100243	208336	1.59%	0.735%
3	2.631	118	122	124	rBV5	6251	9776	0.07%	0.034%
4	2.893	158	165	179	rBV	73218	187980	1.44%	0.663%
5	3.192	212	214	219	rVB6	2875	4637	0.04%	0.016%
6	3.295	228	231	233	rBV4	2020	2782	0.02%	0.010%
7	3.320	233	235	239	rVB4	2005	2398	0.02%	0.008%
8	3.399	241	248	250	rBV3	4537	9520	0.07%	0.034%
9	3.606	279	282	284	rBV4	1720	1570	0.01%	0.006%
10	3.716	298	300	309	rVB9	2377	4509	0.03%	0.016%
11	3.807	312	315	316	rBV3	1646	1501	0.01%	0.005%
12	3.844	318	321	322	rBV3	1445	1635	0.01%	0.006%
13	4.015	340	349	359	rBV	173825	455365	3.48%	1.606%
14	4.118	359	366	376	rVB	64321	165102	1.26%	0.582%
15	4.216	381	382	385	rVV3	2370	2670	0.02%	0.009%
16	4.240	385	386	389	rVV3	2288	1888	0.01%	0.007%
17	4.265	389	390	393	rVV3	1440	1276	0.01%	0.005%
18	4.301	394	396	399	rVB4	1323	1186	0.01%	0.004%
19	4.374	401	408	420	rVB3	5649	18903	0.14%	0.067%
20	4.472	422	424	426	rBV3	1399	1294	0.01%	0.005%
21	4.600	439	445	446	rBV6	1697	1906	0.01%	0.007%
22	4.691	459	460	462	rBV2	1666	1244	0.01%	0.004%
23	4.734	464	467	470	rVB5	1091	1372	0.01%	0.005%
24	4.832	481	483	485	rBV3	1115	1275	0.01%	0.004%
25	4.874	489	490	491	rBV	1781	1254	0.01%	0.004%
26	4.917	491	497	499	rBV6	4961	9735	0.07%	0.034%
27	5.137	528	533	536	rBV6	1154	1775	0.01%	0.006%
28	5.173	536	539	541	rVB4	1529	1880	0.01%	0.007%
29	5.204	541	544	548	rBV6	1988	3322	0.03%	0.012%
30	5.447	583	584	587	rVB3	1867	1325	0.01%	0.005%
31	5.496	590	592	593	rBV2	1709	1257	0.01%	0.004%
32	5.594	605	608	611	rVB5	1828	2720	0.02%	0.010%
33	5.630	611	614	615	rBV3	1215	1283	0.01%	0.005%
34	5.667	619	620	623	rVB3	1482	1237	0.01%	0.004%
35	5.703	623	626	627	rBV3	2334	1793	0.01%	0.006%
36	5.789	638	640	644	rVB5	1589	2151	0.02%	0.008%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Title : SFAM01.0

37	5.941	659	665	666	rBV6	3760	6754	0.05%	0.024%
38	6.075	685	687	690	rVB4	1097	1239	0.01%	0.004%
39	6.106	690	692	694	rBV2	1545	1563	0.01%	0.006%
40	6.130	694	696	699	rVB4	1437	1281	0.01%	0.005%
41	6.191	703	706	709	rBV5	2249	2552	0.02%	0.009%
42	6.222	709	711	714	rVB4	1336	1392	0.01%	0.005%
43	6.277	717	720	721	rBV3	1482	1203	0.01%	0.004%
44	6.417	741	743	749	rVB7	1162	1823	0.01%	0.006%
45	6.478	749	753	755	rVB5	1539	1444	0.01%	0.005%
46	6.508	755	758	759	rBV3	1877	1851	0.01%	0.007%
47	6.539	762	763	766	rVB3	1882	1232	0.01%	0.004%
48	6.581	766	770	771	rBV4	1610	2336	0.02%	0.008%
49	6.691	785	788	790	rVB4	1359	1665	0.01%	0.006%
50	6.709	790	791	795	rBV4	1317	1716	0.01%	0.006%
51	6.801	804	806	809	rVB3	1765	1631	0.01%	0.006%
52	6.850	809	814	815	rBV5	2068	1669	0.01%	0.006%
53	6.880	815	819	821	rBV5	1853	2766	0.02%	0.010%
54	6.929	825	827	830	rBV4	1831	1852	0.01%	0.007%
55	6.972	830	834	835	rBV4	1504	2133	0.02%	0.008%
56	6.996	837	838	841	rVB3	2075	1317	0.01%	0.005%
57	7.081	844	852	860	rBV	44168	133455	1.02%	0.471%
58	7.173	862	867	876	rVV2	26176	74266	0.57%	0.262%
59	7.240	876	878	879	rVV2	1833	1295	0.01%	0.005%
60	7.307	887	889	890	rBV2	2268	1869	0.01%	0.007%
61	7.325	890	892	895	rBV4	2537	2760	0.02%	0.010%
62	7.404	901	905	908	rBV5	912	1431	0.01%	0.005%
63	7.471	914	916	918	rVB3	2265	1761	0.01%	0.006%
64	7.502	919	921	924	rBV4	1952	2108	0.02%	0.007%
65	7.648	934	945	954	rBV	208261	523601	4.00%	1.847%
66	7.795	968	969	972	rVB3	2553	1868	0.01%	0.007%
67	7.837	972	976	978	rBV5	2439	3561	0.03%	0.013%
68	7.917	987	989	991	rBV3	2645	1869	0.01%	0.007%
69	7.941	991	993	994	rBV2	2155	1967	0.02%	0.007%
70	8.026	1004	1007	1010	rBV5	2269	3517	0.03%	0.012%
71	8.087	1015	1017	1021	rBV5	1762	2934	0.02%	0.010%
72	8.154	1024	1028	1030	rBV5	3301	5701	0.04%	0.020%
73	8.276	1039	1048	1061	rBV2	432681	1282882	9.80%	4.525%
74	8.843	1133	1141	1151	rBV	467494	933269	7.13%	3.292%
75	9.276	1204	1212	1219	rBV	297227	611345	4.67%	2.156%
76	9.959	1320	1324	1327	rBV4	9110	18329	0.14%	0.065%

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77	10.032	1331	1336	1343	rVV	138029	256901	1.96%	0.906%
78	10.325	1377	1384	1392	rBV	535789	977397	7.47%	3.448%
79	10.575	1421	1425	1433	rBV	84972	157996	1.21%	0.557%
80	10.928	1477	1483	1489	rBV	142554	277318	2.12%	0.978%
81	11.629	1592	1598	1608	rBV	488726	842200	6.44%	2.971%
82	12.593	1752	1756	1767	rVB5	142866	419851	3.21%	1.481%
83	12.690	1767	1772	1777	rVB	195456	320030	2.45%	1.129%
84	13.409	1887	1890	1892	rBV3	64903	92139	0.70%	0.325%
85	13.556	1910	1914	1918	rBV	242602	350117	2.68%	1.235%
86	13.702	1934	1938	1940	rBV3	66297	116020	0.89%	0.409%
87	13.854	1957	1963	1970	rBV3	273983	832984	6.37%	2.938%
88	13.976	1980	1983	1987	rBV4	71351	96692	0.74%	0.341%
89	14.190	2014	2018	2021	rBV	113103	177798	1.36%	0.627%
90	14.257	2026	2029	2035	rVB4	142820	257657	1.97%	0.909%
91	14.379	2046	2049	2054	rVB2	264970	392972	3.00%	1.386%
92	14.495	2064	2068	2070	rBV4	91671	156803	1.20%	0.553%
93	14.653	2091	2094	2101	rVB2	164981	252702	1.93%	0.891%
94	14.732	2105	2107	2113	rVV5	119167	255244	1.95%	0.900%
95	14.848	2113	2126	2141	rVB2	3958255	13085538	100.00%	46.159%
96	15.318	2198	2203	2210	rVB	1056348	1715795	13.11%	6.052%
97	15.391	2211	2215	2220	rBV4	143082	307321	2.35%	1.084%
98	15.568	2240	2244	2249	rBV7	125640	285355	2.18%	1.007%
99	15.720	2267	2269	2278	rVB5	230608	382525	2.92%	1.349%
100	16.275	2354	2360	2369	rVB	834346	1562308	11.94%	5.511%

Sum of corrected areas: 28349108

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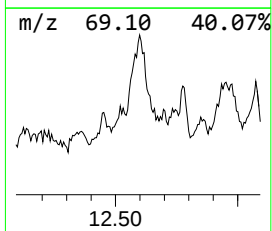
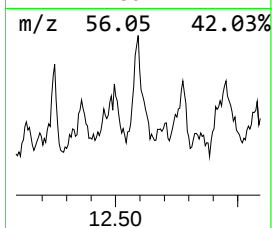
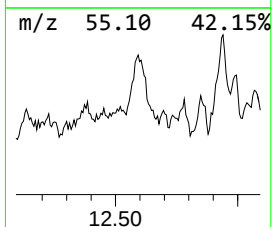
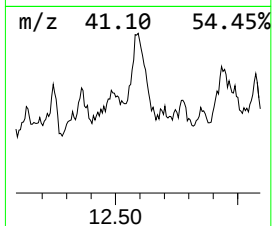
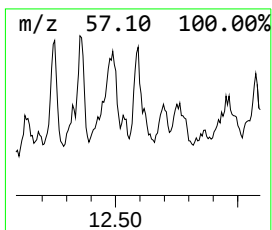
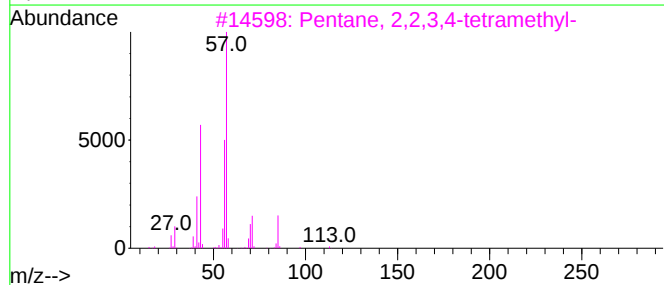
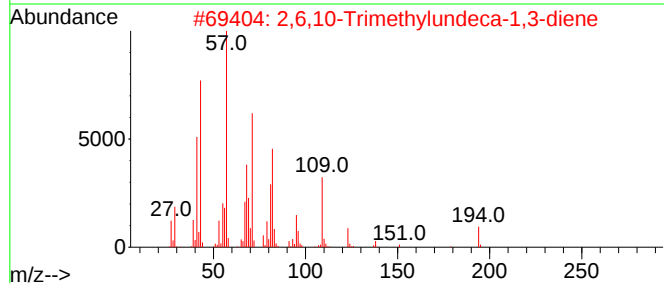
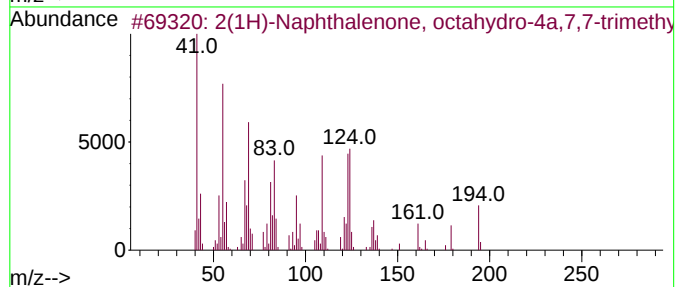
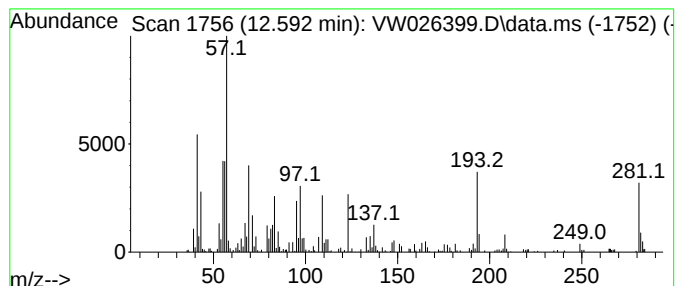
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.592	29.98 ug/L	419851	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, octahydro-4...	194	C13H22O	007056-56-6	14		
2	2,6,10-Trimethylundeca-1,3-diene	194	C14H26	1000222-09-1	11		
3	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	10		
4	Methyl 5-methyl-8-oxo-4-decenoate	212	C12H20O3	1000432-22-9	10		
5	1-Dodecanol, 2-methyl-, (S)-	200	C13H28O	057289-26-6	10		



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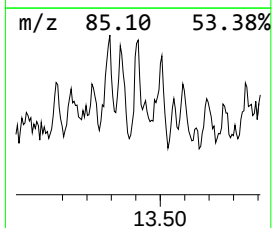
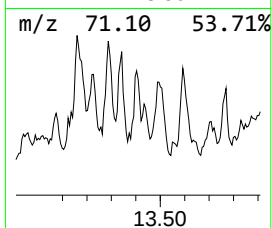
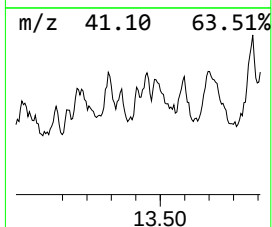
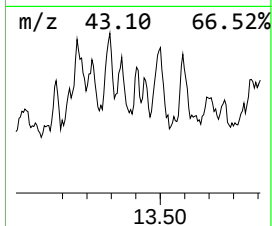
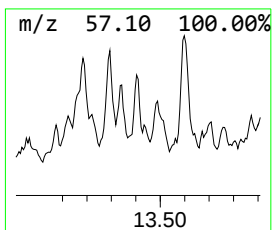
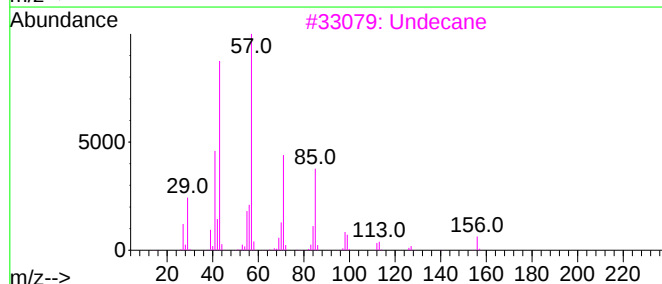
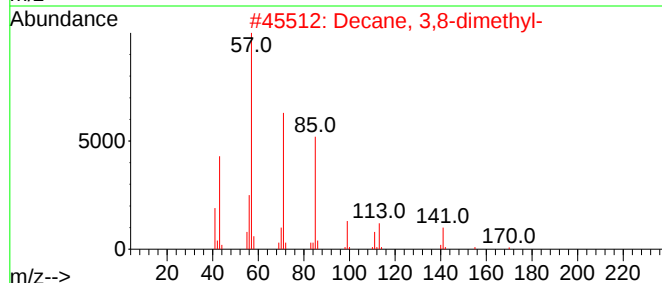
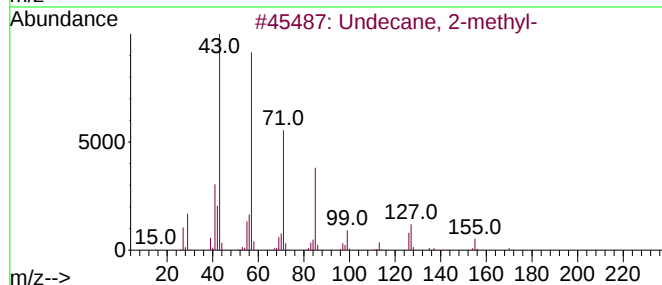
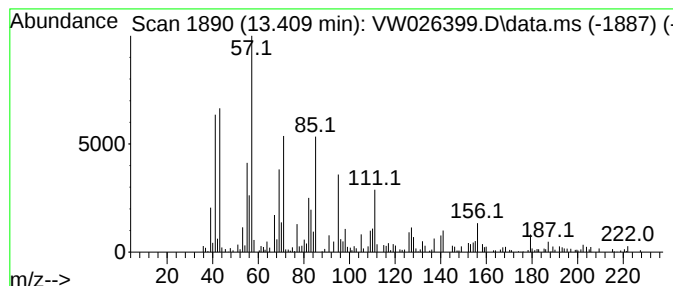
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.409	6.58 ug/L	92139	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2-methyl-	170	C12H26	007045-71-8	46
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	43
3			Undecane	156	C11H24	001120-21-4	43
4			Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	43
5			Undecane, 2-methyl-	170	C12H26	007045-71-8	38



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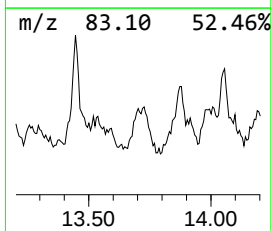
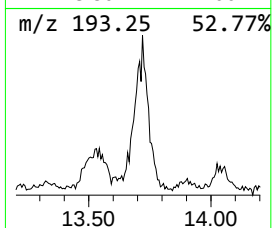
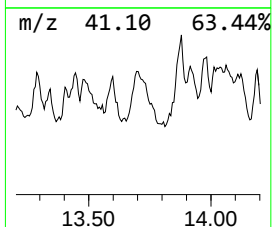
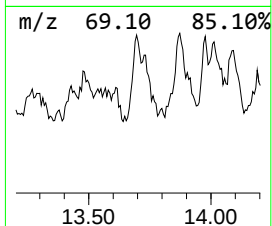
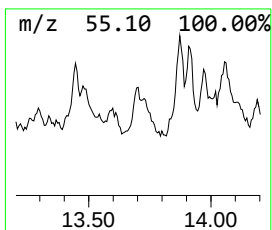
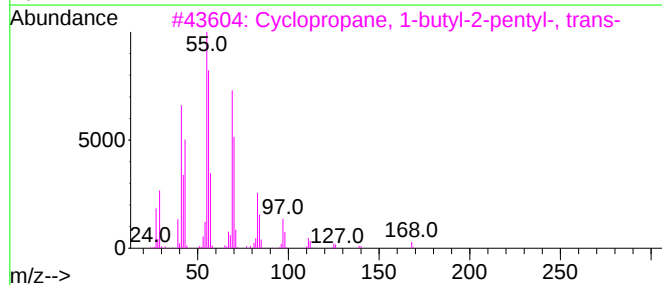
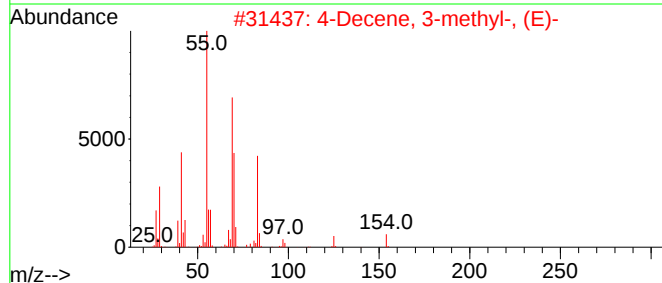
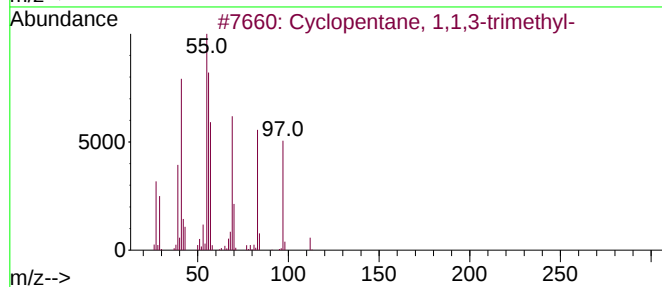
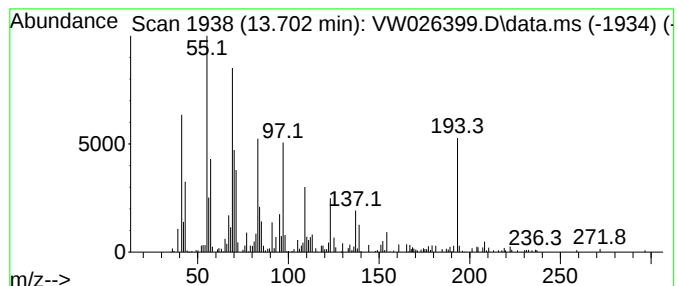
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Cyclic13.702 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.702	8.28 ug/L	116020	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	46
2			4-Decene, 3-methyl-, (E)-	154	C11H22	062338-47-0	43
3			Cyclopropane, 1-butyl-2-pentyl-,...	168	C12H24	074663-87-9	43
4			4-Decene, 6-methyl-, (E)-	154	C11H22	036229-57-9	38
5			Cyclohexane, 2,4-diisopropyl-1,1...	196	C14H28	1000149-60-5	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
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Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4643RE

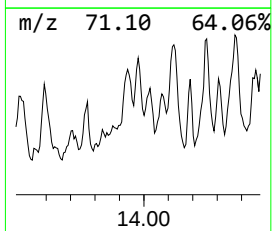
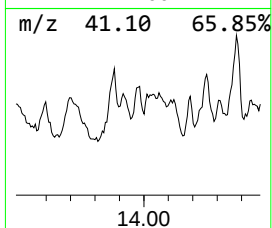
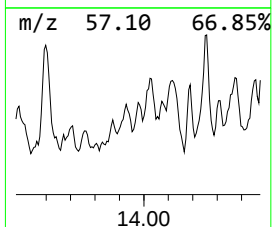
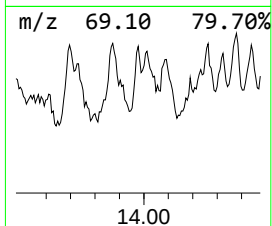
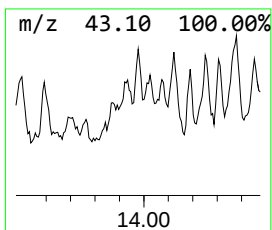
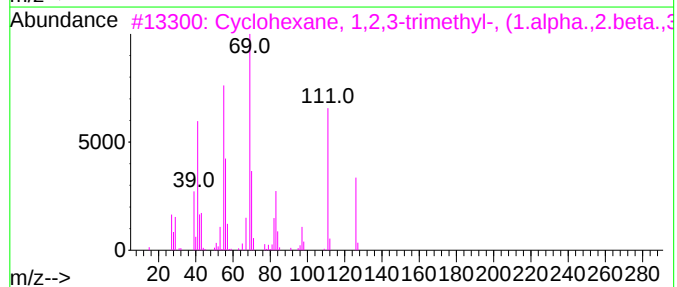
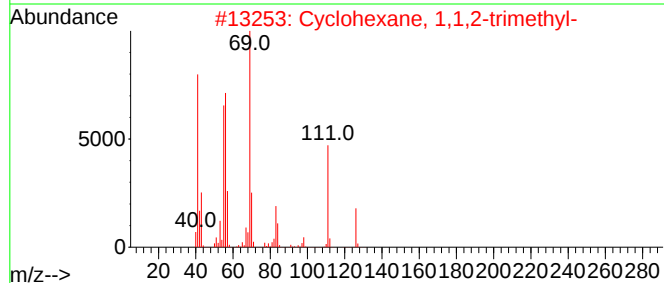
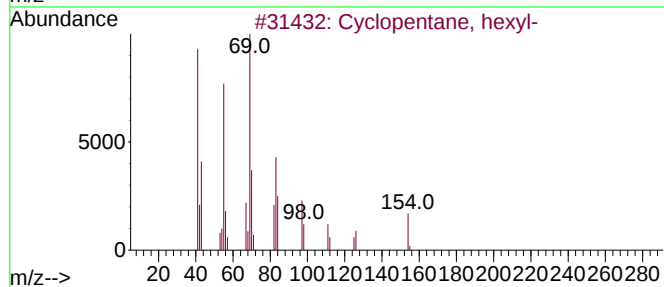
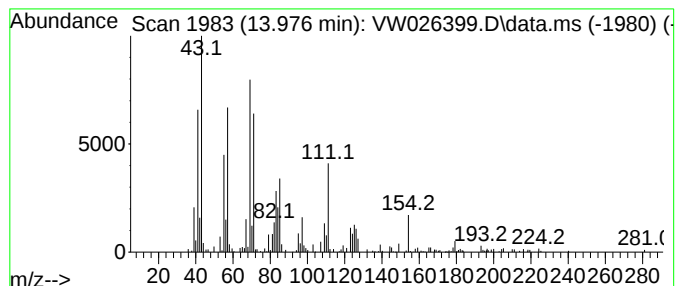
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic13.976 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.976	6.90 ug/L	96692	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, hexyl-	154	C11H22	004457-00-5	50
2			Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	43
3			Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	43
4			2-Isopropenyl-5-methylhex-4-enal	152	C10H16O	075697-98-2	38
5			4-Pentenoic acid, 2-methyl-, non...	240	C15H28O2	1000406-11-2	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026399.D
Acq On : 28 Jun 2023 15:33
Operator : SY/MD
Sample : 03421-05RE
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

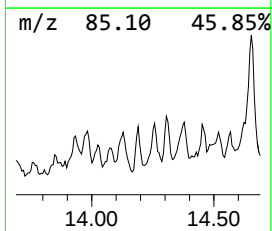
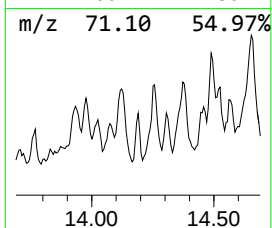
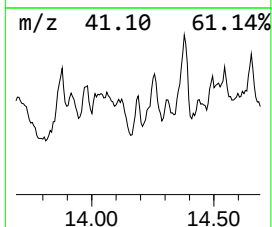
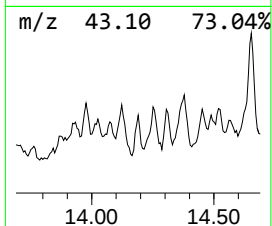
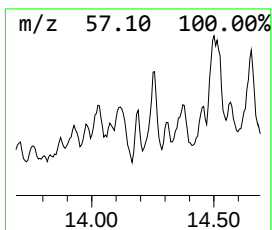
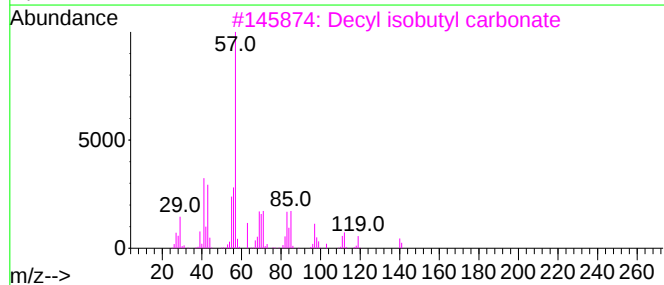
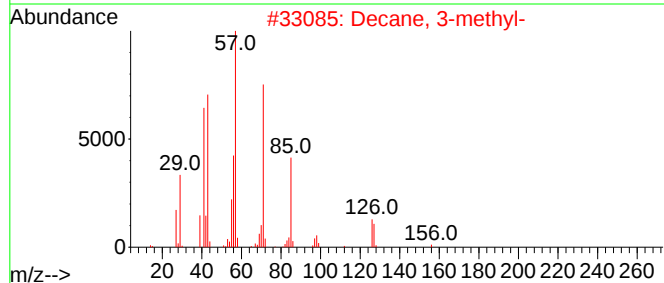
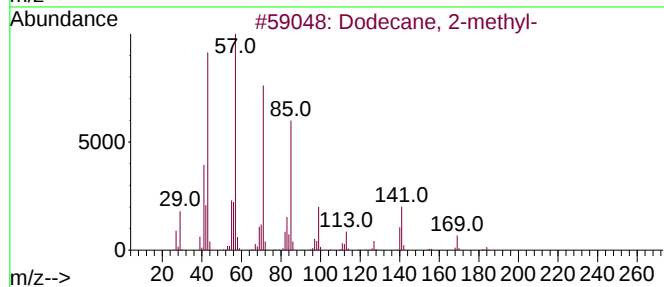
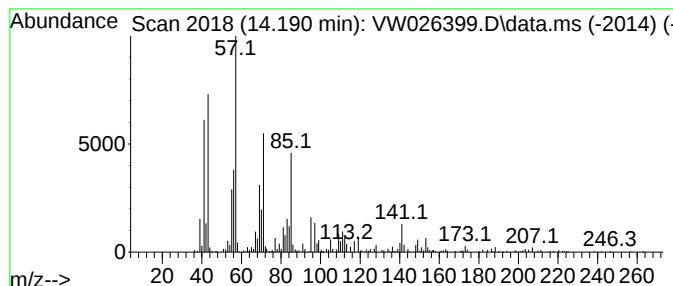
Instrument :
MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.190	12.70 ug/L	177798	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-		184	C13H28	001560-97-0	53
2	Decane, 3-methyl-		156	C11H24	013151-34-3	49
3	Decyl isobutyl carbonate		258	C15H30O3	959226-07-4	49
4	Hexane, 1-(hexyloxy)-5-methyl-		200	C13H28O	074421-19-5	46
5	Tetrahydrogeranyl butyrate		228	C14H28O2	1000428-75-4	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026399.D
Acq On : 28 Jun 2023 15:33
Operator : SY/MD
Sample : 03421-05RE
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4643RE

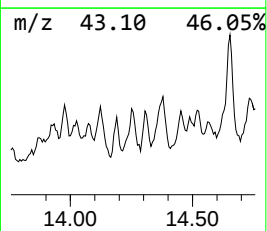
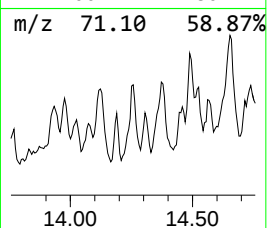
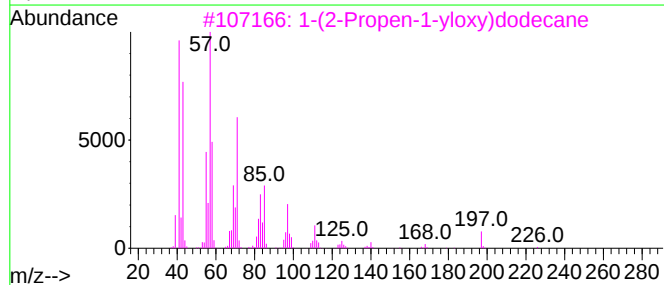
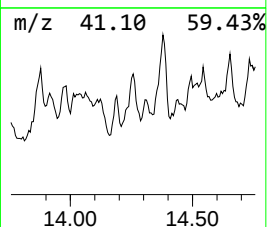
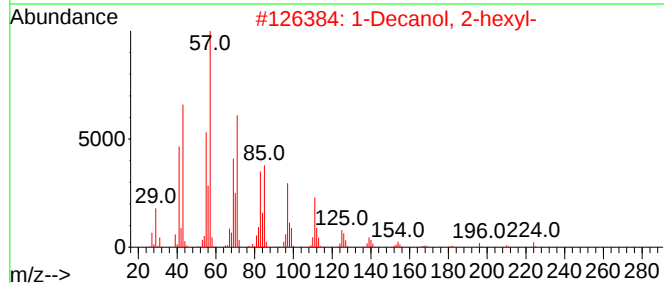
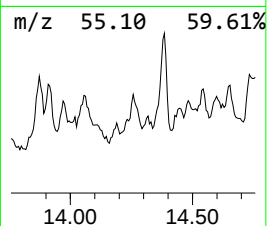
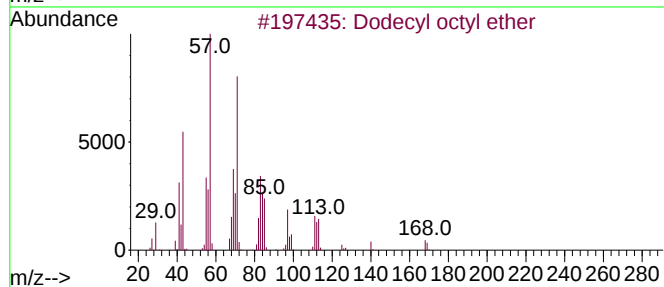
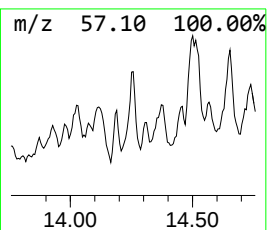
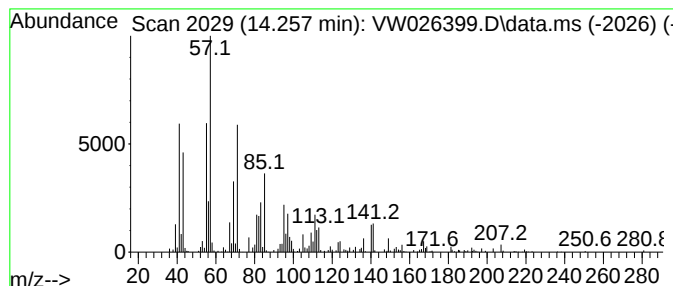
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Quant Title : SFAM01.0

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

Peak Number 7 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	18.40 ug/L	257657	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecyl octyl ether	298	C20H42O	1000406-38-4	49
2			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	47
3			1-(2-Propen-1-yloxy)dodecane	226	C15H30O	006145-80-8	43
4			2-Hexyldodecyl butyrate	340	C22H44O2	1000368-56-1	43
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026399.D
Acq On : 28 Jun 2023 15:33
Operator : SY/MD
Sample : 03421-05RE
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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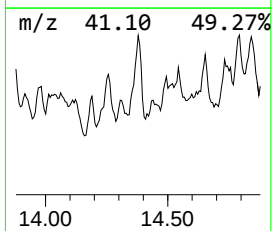
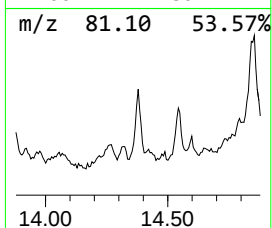
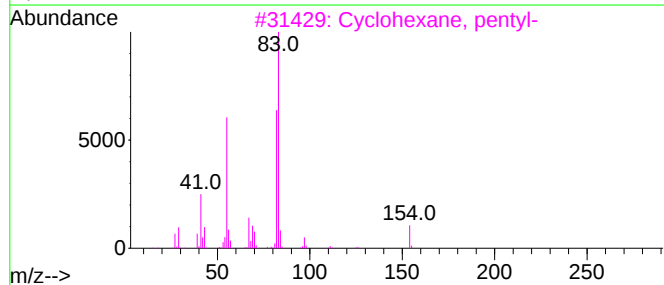
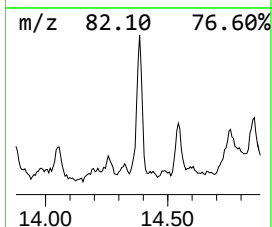
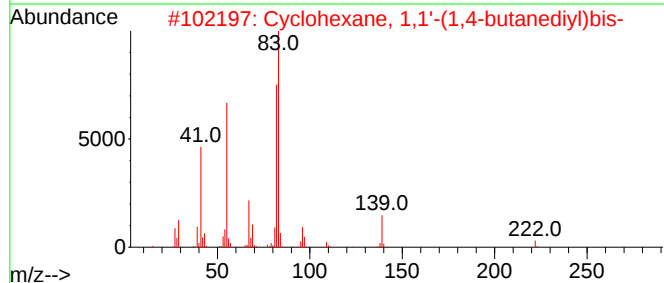
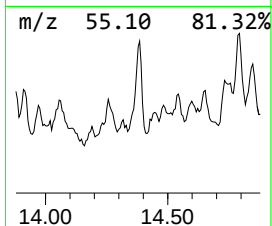
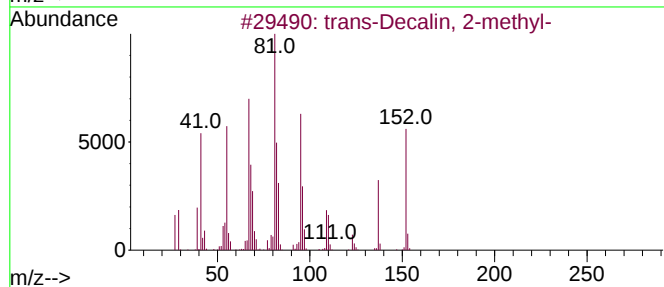
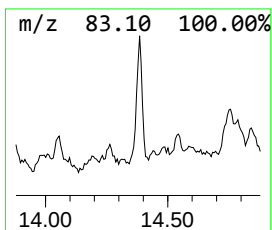
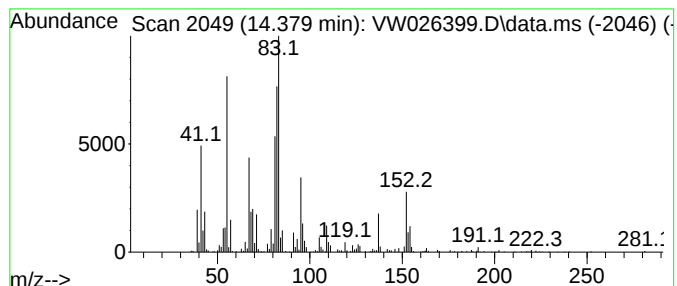
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Quant Title : SFAM01.0

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

Peak Number 8 trans-Decalin, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	28.06 ug/L	392972	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	50
2			Cyclohexane, 1,1'-(1,4-butanediyl)bis-	222	C16H30	006165-44-2	50
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
4			Dihydromyrcenol, pentafluoropropyl-	302	C13H19F5O2	1000463-72-1	49
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026399.D
Acq On : 28 Jun 2023 15:33
Operator : SY/MD
Sample : 03421-05RE
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

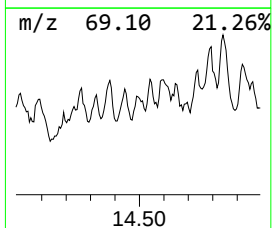
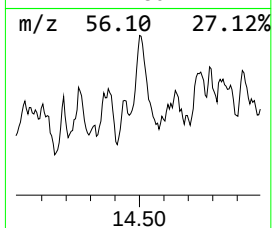
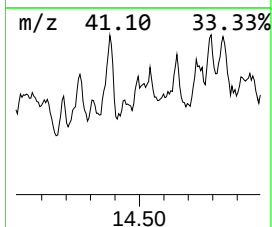
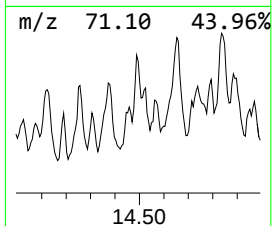
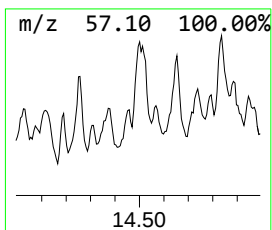
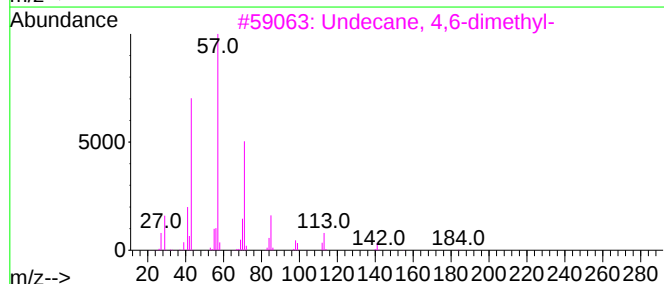
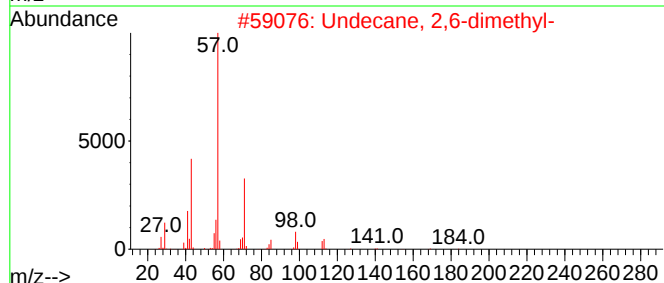
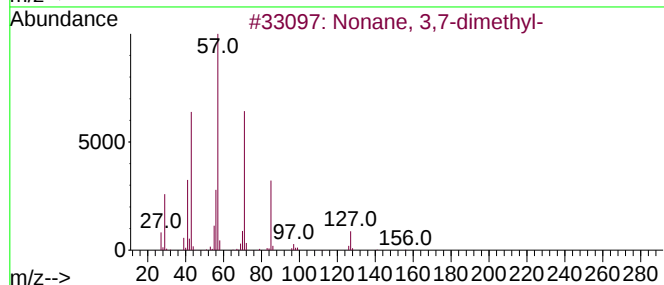
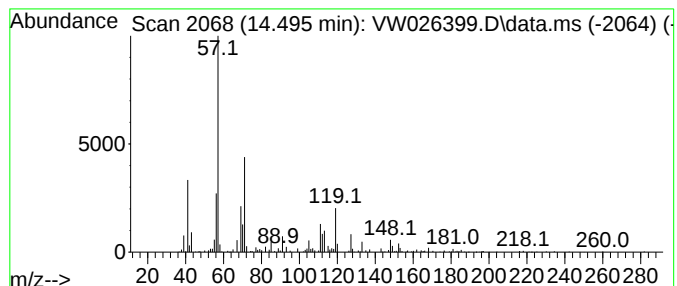
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.495	11.20 ug/L	156803	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	49
2	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	43
3	Undecane, 4,6-dimethyl-		184	C13H28	017312-82-2	43
4	Octyl tetradecyl ether		326	C22H46O	1000406-38-5	43
5	Nonane, 3-methyl-		142	C10H22	005911-04-6	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026399.D
Acq On : 28 Jun 2023 15:33
Operator : SY/MD
Sample : 03421-05RE
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

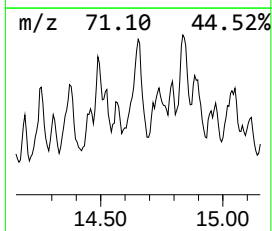
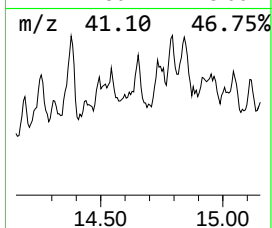
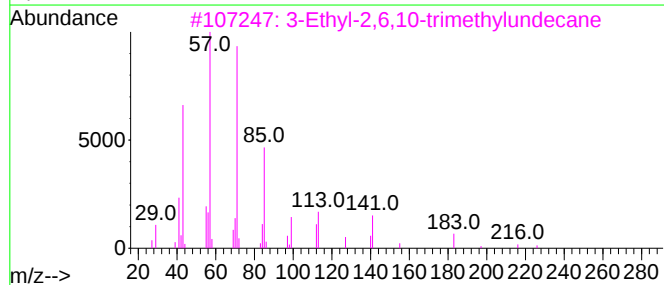
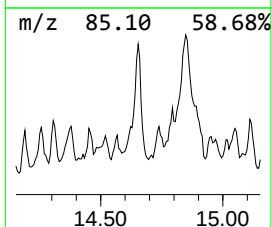
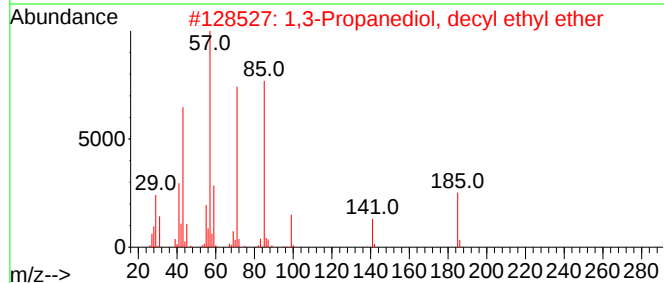
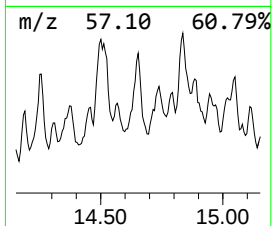
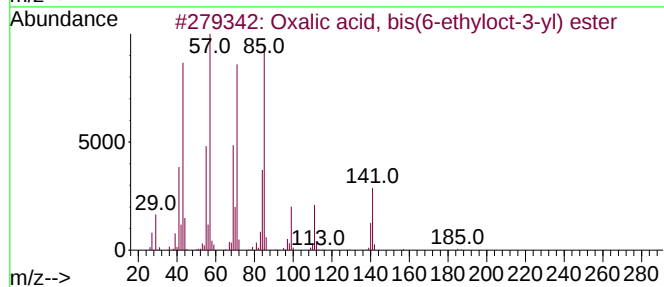
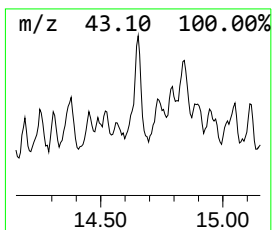
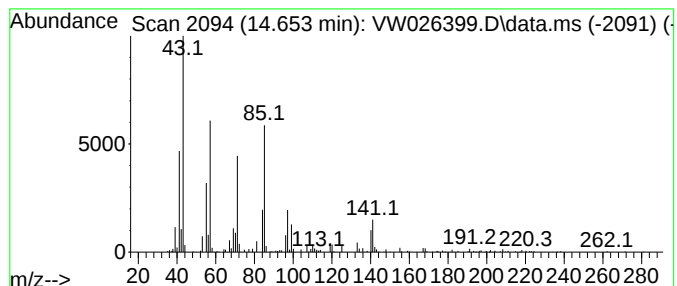
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 10 Oxalic acid, bis(6-ethyloct... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.653	18.04 ug/L	252702	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, bis(6-ethyloct-3-yl...	370	C22H42O4	1000309-34-6	64
2	1,3-Propanediol, decyl ethyl ether	244	C15H32O2	1000406-35-0	43
3	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	43
4	Succinic acid, 2-methylpent-3-yl...	286	C15H26O5	1010390-71-5	43
5	Carbonic acid, decyl heptadecyl ...	440	C28H56O3	1000383-16-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026399.D
Acq On : 28 Jun 2023 15:33
Operator : SY/MD
Sample : 03421-05RE
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

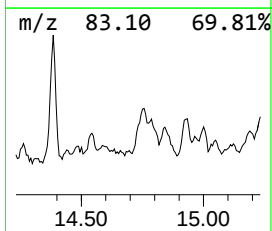
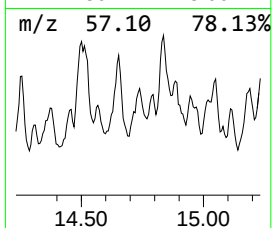
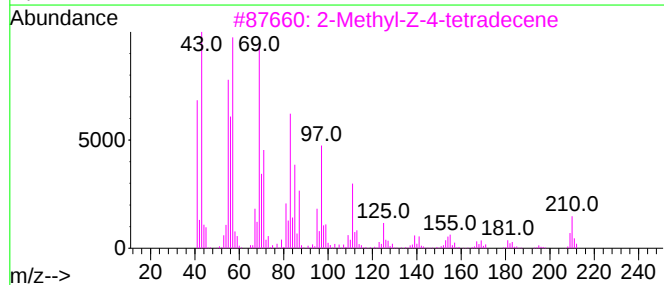
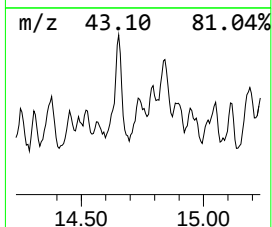
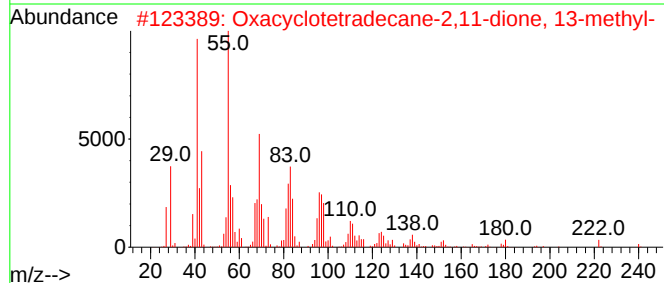
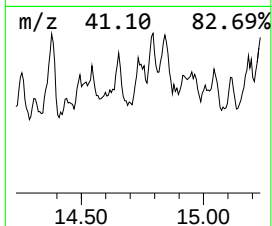
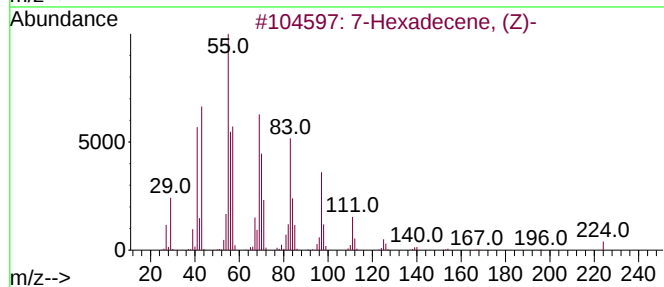
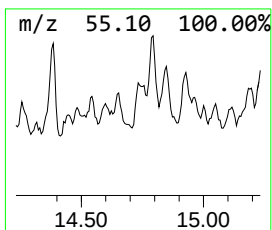
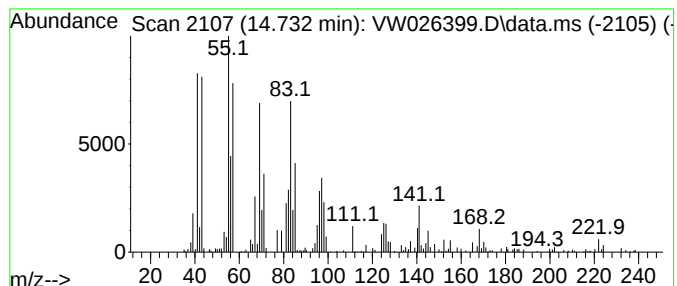
Instrument :
MSVOA_W
ClientSampleId :
A4643RE

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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.732	18.23 ug/L	255244	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	7-Hexadecene, (Z)-		224	C16H32	035507-09-6	49
2	Oxacyclotetradecane-2,11-dione, ...		240	C14H24O3	074685-36-2	46
3	2-Methyl-Z-4-tetradecene		210	C15H30	1000130-78-3	46
4	Cyclopropane, 1,1,2,3-tetramethyl-		98	C7H14	074752-93-5	46
5	1-Heptadecene		238	C17H34	006765-39-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026399.D
Acq On : 28 Jun 2023 15:33
Operator : SY/MD
Sample : 03421-05RE
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4643RE

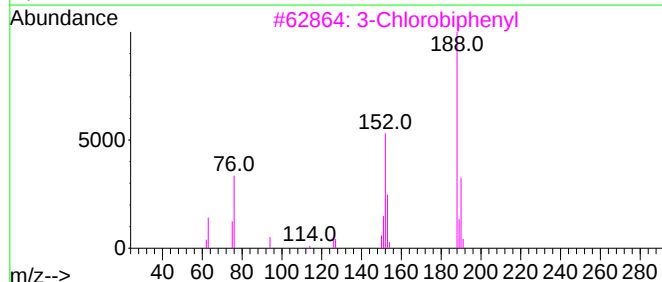
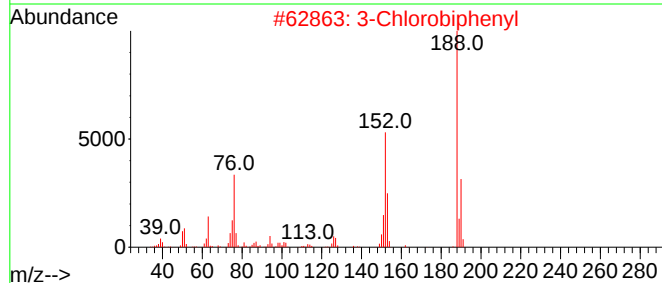
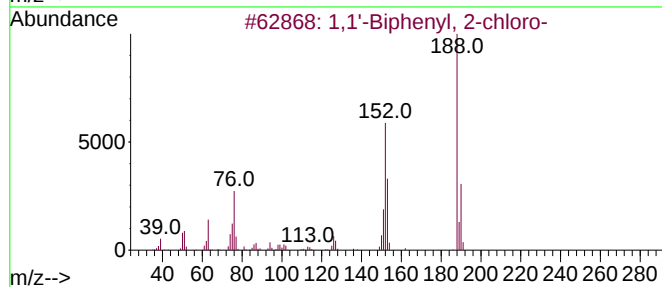
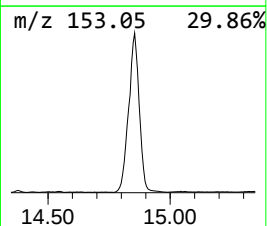
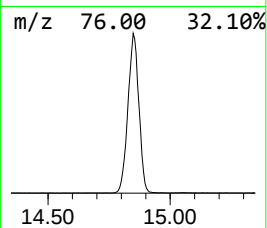
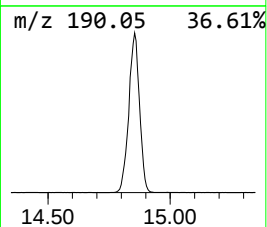
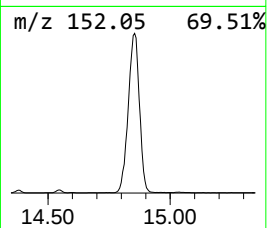
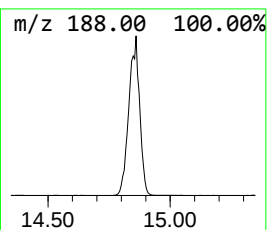
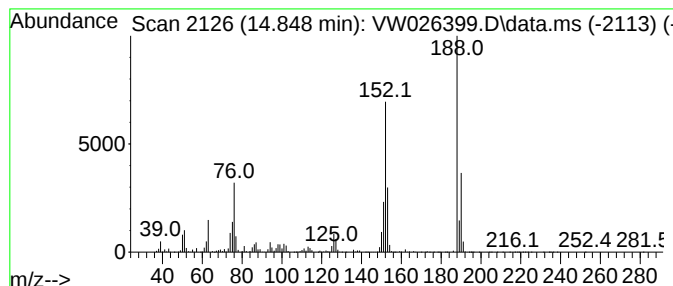
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Quant Title : SFAM01.0

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

Peak Number 12 1,1'-Biphenyl, 2-chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.848	934.37 ug/L	13085500	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	99
2			3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	98
3			3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	98
4			1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	97
5			1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026399.D
Acq On : 28 Jun 2023 15:33
Operator : SY/MD
Sample : 03421-05RE
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

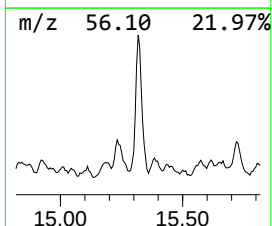
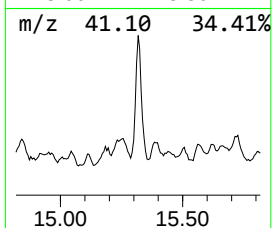
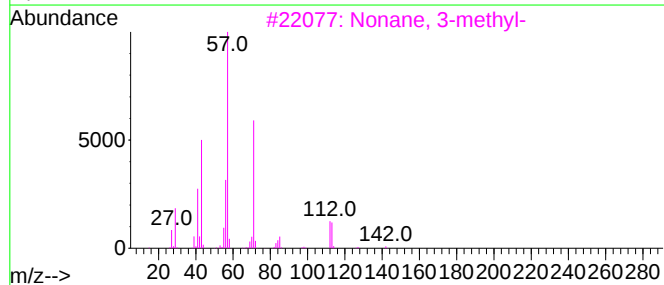
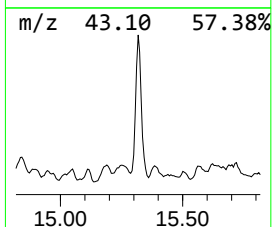
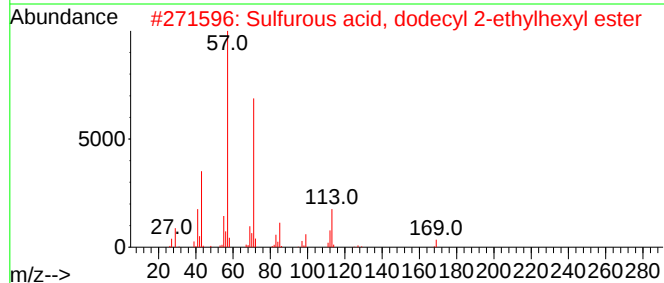
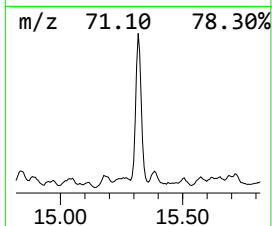
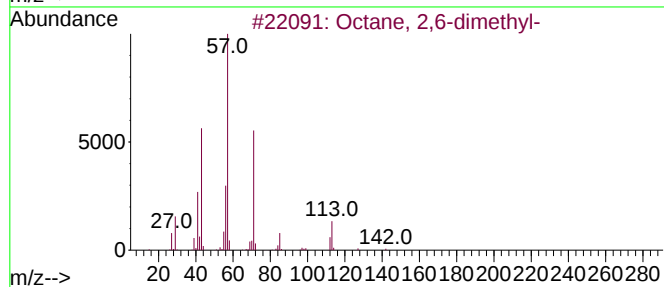
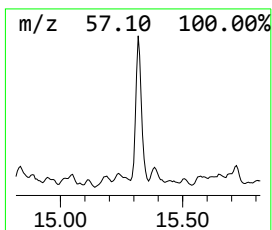
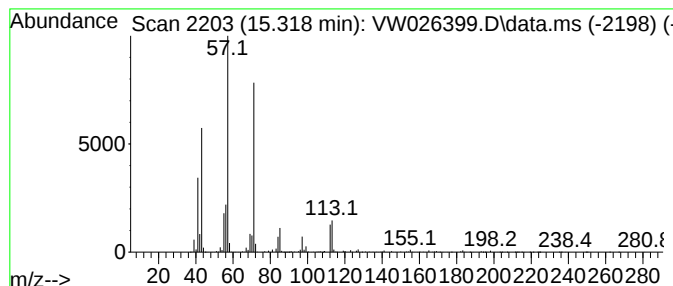
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MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD			R.T.
15.318	122.52 ug/L	1715800	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	83
2	Sulfurous acid, dodecyl 2-ethylh...		362	C20H42O3S	1000309-19-5	80
3	Nonane, 3-methyl-		142	C10H22	005911-04-6	72
4	Sulfurous acid, 2-ethylhexyl pen...		264	C13H28O3S	1000309-18-9	64
5	Nonane, 4-methyl-5-propyl-		184	C13H28	062185-55-1	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026399.D
Acq On : 28 Jun 2023 15:33
Operator : SY/MD
Sample : 03421-05RE
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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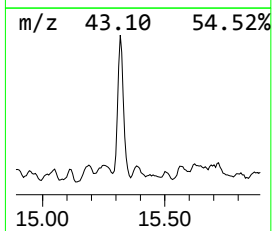
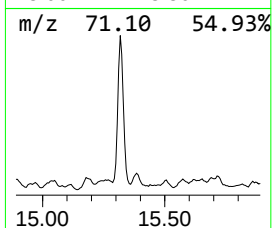
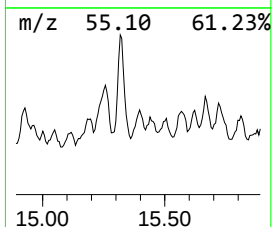
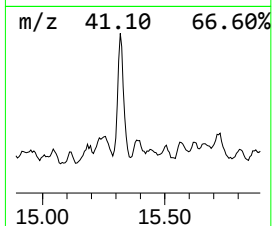
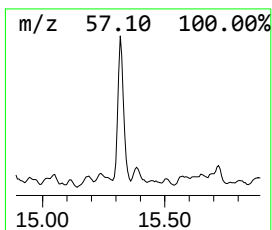
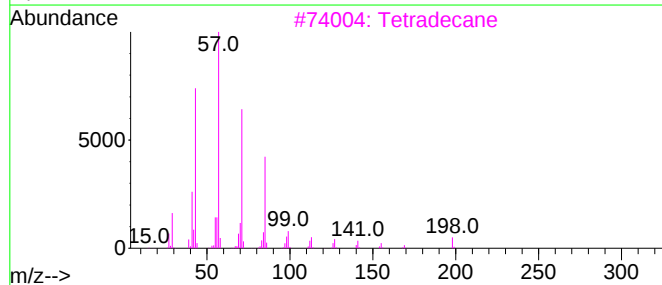
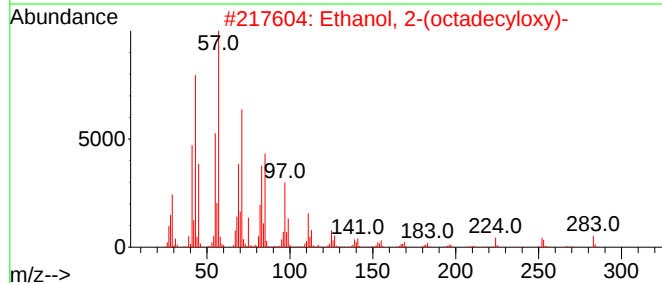
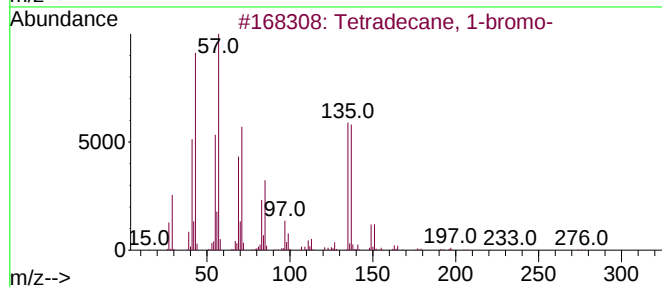
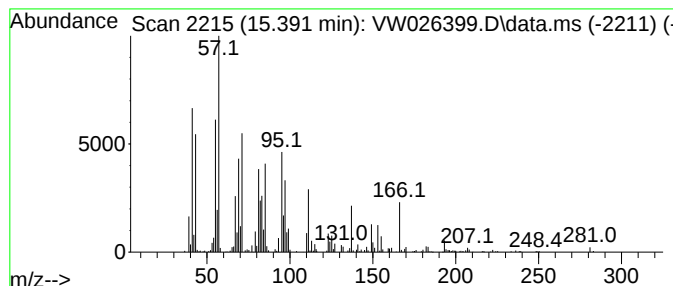
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Quant Title : SFAM01.0

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

Peak Number 14 unknown-03 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.391	21.94 ug/L	307321	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	43
2			Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	43
3			Tetradecane	198	C14H30	000629-59-4	42
4			Dodecane	170	C12H26	000112-40-3	42
5			Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026399.D
Acq On : 28 Jun 2023 15:33
Operator : SY/MD
Sample : 03421-05RE
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4643RE

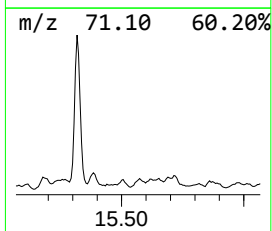
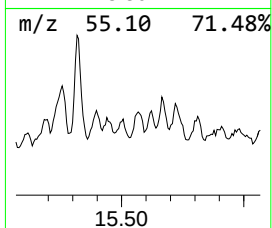
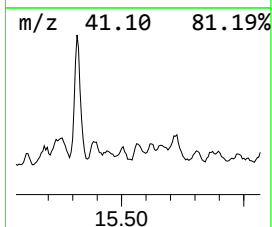
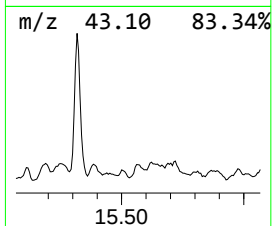
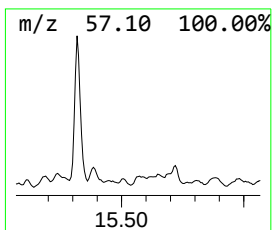
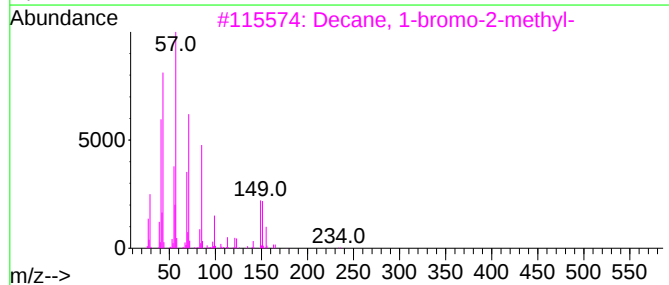
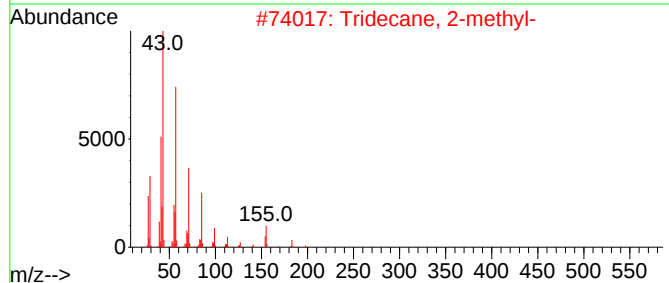
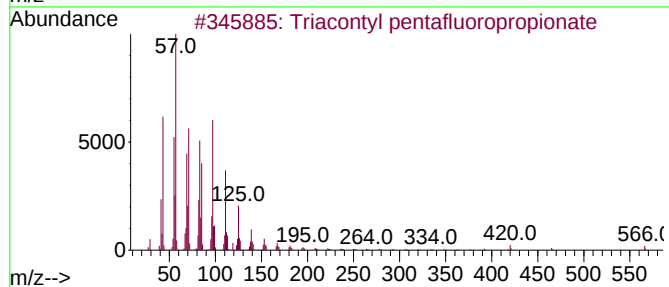
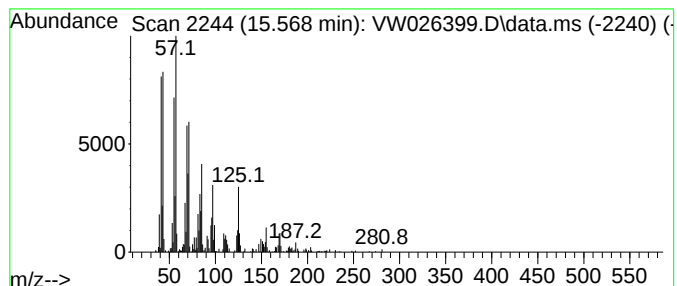
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Quant Title : SFAM01.0

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

Peak Number 15 Triacontyl pentafluoropropi... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.568	20.38 ug/L	285355	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	59
2			Tridecane, 2-methyl-	198	C14H30	001560-96-9	55
3			Decane, 1-bromo-2-methyl-	234	C11H23Br	127839-47-8	55
4			Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	50
5			Dodecane	170	C12H26	000112-40-3	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026399.D
Acq On : 28 Jun 2023 15:33
Operator : SY/MD
Sample : 03421-05RE
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

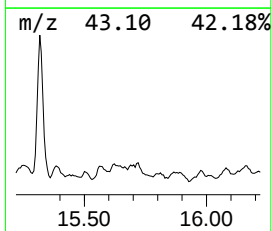
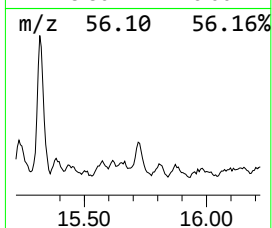
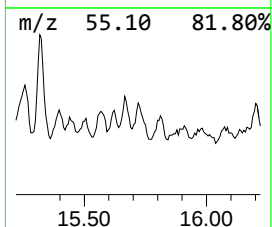
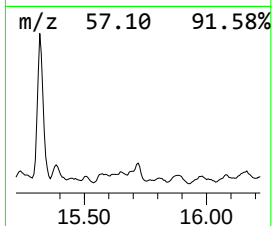
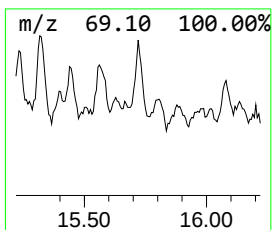
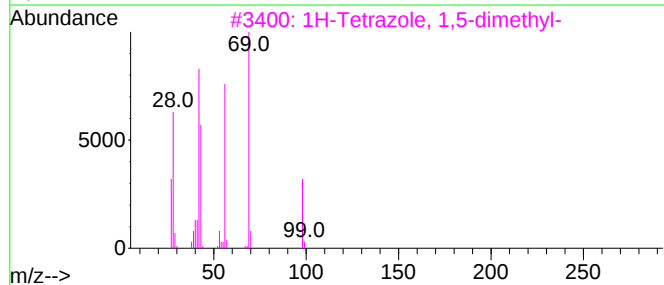
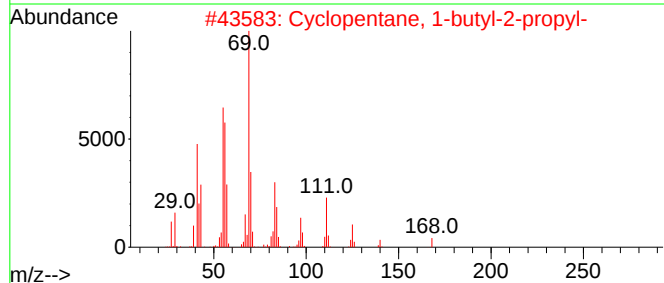
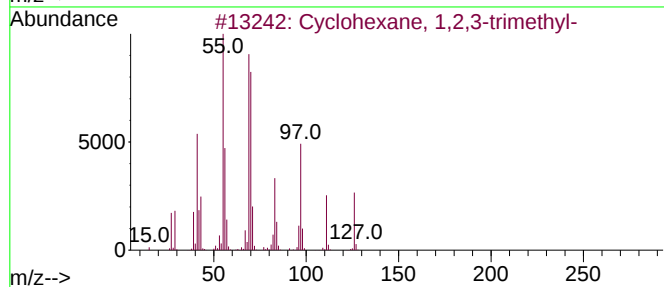
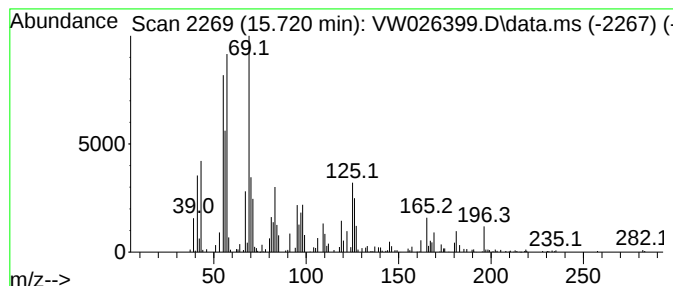
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Cyclic15.720 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.720	27.31 ug/L	382525	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	49
2	Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	49
3	1H-Tetrazole, 1,5-dimethyl-	98	C3H6N4	005144-11-6	43
4	Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	43
5	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026399.D
Acq On : 28 Jun 2023 15:33
Operator : SY/MD
Sample : 03421-05RE
Misc : 4.53g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4643RE

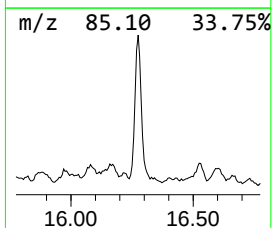
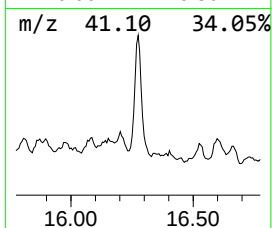
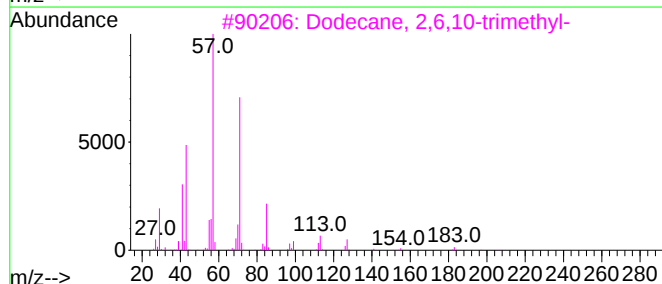
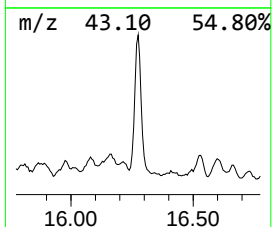
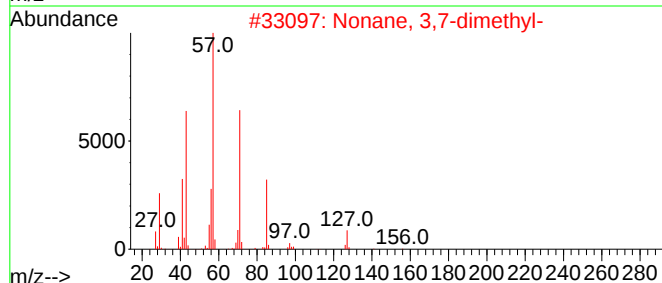
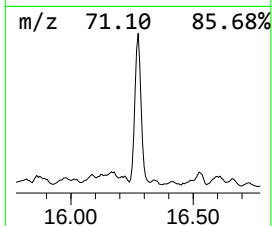
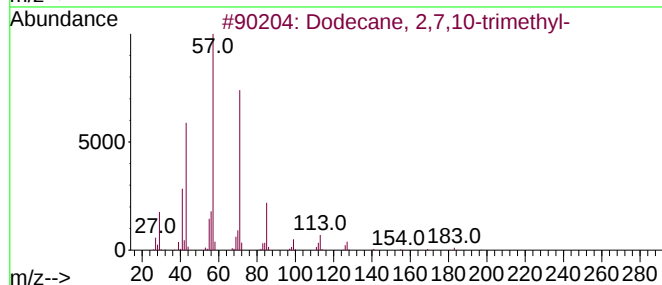
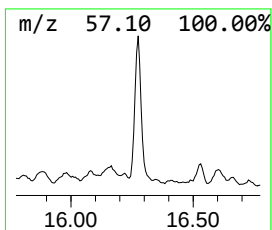
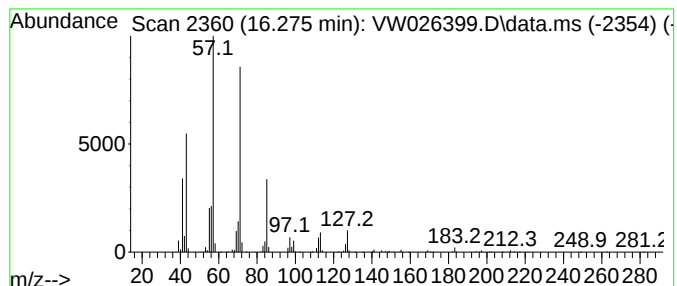
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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	111.56 ug/L	1562310	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			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
 Data File : VW026399.D
 Acq On : 28 Jun 2023 15:33
 Operator : SY/MD
 Sample : 03421-05RE
 Misc : 4.53g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4643RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	12.592	30.0	ug/L	419851	3	13.556	350117	25.0
(DEL) Alkane: S...	13.409	6.6	ug/L	92139	3	13.556	350117	25.0
(DEL) Alkane: C...	13.702	8.3	ug/L	116020	3	13.556	350117	25.0
(DEL) Alkane: C...	13.976	6.9	ug/L	96692	3	13.556	350117	25.0
(DEL) Alkane: S...	14.190	12.7	ug/L	177798	3	13.556	350117	25.0
unknown-02	14.257	18.4	ug/L	257657	3	13.556	350117	25.0
trans-Decalin, ...	14.379	28.1	ug/L	392972	3	13.556	350117	25.0
(DEL) Alkane: S...	14.495	11.2	ug/L	156803	3	13.556	350117	25.0
Oxalic acid, bi...	14.653	18.0	ug/L	252702	3	13.556	350117	25.0
(DEL) Alkane: S...	14.732	18.2	ug/L	255244	3	13.556	350117	25.0
1,1'-Biphenyl, ...	14.848	934.4	ug/L	13085500	3	13.556	350117	25.0
(DEL) Alkane: S...	15.318	122.5	ug/L	1715800	3	13.556	350117	25.0
unknown-03	15.391	21.9	ug/L	307321	3	13.556	350117	25.0
Triacetyl pent...	15.568	20.4	ug/L	285355	3	13.556	350117	25.0
(DEL) Alkane: C...	15.720	27.3	ug/L	382525	3	13.556	350117	25.0
(DEL) Alkane: S...	16.275	111.6	ug/L	1562310	3	13.556	350117	25.0