

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
 Data File : VW026544.D
 Acq On : 06 Jul 2023 16:05
 Operator : SY/MD
 Sample : 03534-19
 Misc : 4.32g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4737

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\SFAMWLM070323SMA.M
 Title : SFAM01.0

Signal : TIC: VW026544.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.229	50	56	58	rBV7	8916	18358	0.51%	0.054%
2	2.363	71	78	97	rBV2	93122	325179	9.00%	0.963%
3	2.893	157	165	177	rBV	111538	347175	9.60%	1.028%
4	3.247	218	223	225	rBV6	1659	2761	0.08%	0.008%
5	3.381	239	245	251	rBV8	3382	8499	0.24%	0.025%
6	3.546	266	272	276	rVV9	1545	4080	0.11%	0.012%
7	4.021	338	350	361	rBV2	269490	983067	27.20%	2.911%
8	4.119	361	366	385	rVB	88130	250511	6.93%	0.742%
9	4.393	405	411	421	rVB2	7977	25771	0.71%	0.076%
10	4.686	456	459	465	rVB7	1354	3038	0.08%	0.009%
11	4.923	487	498	499	rBV4	14998	36662	1.01%	0.109%
12	5.423	575	580	585	rBV8	1842	3357	0.09%	0.010%
13	5.941	654	665	672	rBV8	3802	12811	0.35%	0.038%
14	6.386	735	738	741	rBV4	1594	2564	0.07%	0.008%
15	6.874	812	818	820	rBV7	3097	5255	0.15%	0.016%
16	6.996	830	838	843	rVB10	2297	5824	0.16%	0.017%
17	7.075	843	851	859	rBV	136514	389650	10.78%	1.154%
18	7.539	922	927	929	rBV6	1489	2956	0.08%	0.009%
19	7.648	934	945	959	rBV	599675	1467046	40.59%	4.344%
20	7.947	989	994	997	rBV7	2181	2988	0.08%	0.009%
21	8.033	1000	1008	1017	rVB3	11865	31082	0.86%	0.092%
22	8.161	1022	1029	1033	rVB10	1687	3273	0.09%	0.010%
23	8.276	1033	1048	1064	rBV2	1207791	3614740	100.00%	10.704%
24	8.423	1067	1072	1076	rVV8	3404	8233	0.23%	0.024%
25	8.484	1080	1082	1088	rVB6	4199	6953	0.19%	0.021%
26	8.575	1093	1097	1105	rVB10	6289	14540	0.40%	0.043%
27	8.697	1111	1117	1120	rBV7	3923	7873	0.22%	0.023%
28	8.843	1130	1141	1155	rBV	1465510	2897105	80.15%	8.579%
29	8.941	1155	1157	1163	rVV6	2033	3806	0.11%	0.011%
30	9.075	1172	1179	1186	rVV6	7021	18153	0.50%	0.054%
31	9.276	1200	1212	1227	rBV	844804	1815498	50.22%	5.376%
32	9.465	1239	1243	1248	rVB7	1707	3309	0.09%	0.010%
33	9.605	1256	1266	1272	rBV3	22009	49055	1.36%	0.145%
34	9.660	1272	1275	1281	rVB3	4290	8119	0.22%	0.024%
35	9.752	1284	1290	1300	rVB3	25726	54379	1.50%	0.161%
36	9.886	1304	1312	1318	rBV2	11027	27570	0.76%	0.082%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
 Title : SFAM01.0

37	9.941	1318	1321	1327	rVB7	5612	7812	0.22%	0.023%
38	10.032	1329	1336	1348	rBV	444696	825332	22.83%	2.444%
39	10.215	1361	1366	1367	rBV5	4572	7372	0.20%	0.022%
40	10.246	1367	1371	1376	rVB3	11891	18710	0.52%	0.055%
41	10.325	1376	1384	1393	rBV	1566936	2789652	77.17%	8.261%
42	10.495	1406	1412	1418	rBV7	7719	19518	0.54%	0.058%
43	10.575	1419	1425	1435	rVV	273459	503414	13.93%	1.491%
44	10.666	1435	1440	1443	rVV2	24506	45236	1.25%	0.134%
45	10.703	1443	1446	1451	rVV3	10958	18414	0.51%	0.055%
46	10.770	1451	1457	1461	rVV4	7011	13022	0.36%	0.039%
47	10.922	1475	1482	1494	rBV	484633	870514	24.08%	2.578%
48	11.032	1496	1500	1504	rVV3	7548	12530	0.35%	0.037%
49	11.142	1515	1518	1524	rVB6	9232	14344	0.40%	0.042%
50	11.227	1524	1532	1536	rVV9	7660	20700	0.57%	0.061%
51	11.282	1537	1541	1545	rVV4	16019	29919	0.83%	0.089%
52	11.331	1545	1549	1554	rVV3	15537	27895	0.77%	0.083%
53	11.373	1554	1556	1557	rVV2	3419	2729	0.08%	0.008%
54	11.434	1560	1566	1576	rVB2	31949	65665	1.82%	0.194%
55	11.629	1590	1598	1606	rBV	1795494	2994824	82.85%	8.868%
56	11.709	1607	1611	1617	rVV3	15698	32210	0.89%	0.095%
57	11.764	1617	1620	1624	rVB2	17585	27288	0.75%	0.081%
58	11.818	1624	1629	1635	rBV5	16084	40750	1.13%	0.121%
59	11.971	1649	1654	1657	rBV5	16089	31297	0.87%	0.093%
60	12.068	1666	1670	1672	rBV3	6080	7314	0.20%	0.022%
61	12.135	1674	1681	1686	rBV3	36910	89376	2.47%	0.265%
62	12.184	1686	1689	1692	rVV2	18744	22847	0.63%	0.068%
63	12.251	1695	1700	1704	rVB	90797	149753	4.14%	0.443%
64	12.337	1704	1714	1723	rVB5	55160	155305	4.30%	0.460%
65	12.459	1723	1734	1739	rBV7	43146	145616	4.03%	0.431%
66	12.520	1740	1744	1749	rVB6	19058	31435	0.87%	0.093%
67	12.605	1749	1758	1764	rVB4	46076	118193	3.27%	0.350%
68	12.690	1765	1772	1778	rBV	686354	1173285	32.46%	3.474%
69	12.776	1782	1786	1792	rVB3	105362	198450	5.49%	0.588%
70	12.855	1792	1799	1805	rBV4	61533	171688	4.75%	0.508%
71	12.922	1805	1810	1814	rBV4	99980	197294	5.46%	0.584%
72	13.038	1826	1829	1830	rBV3	16292	17424	0.48%	0.052%
73	13.074	1832	1835	1839	rVB4	34777	50911	1.41%	0.151%
74	13.123	1839	1843	1846	rBV3	32784	46690	1.29%	0.138%
75	13.166	1846	1850	1862	rVB3	127901	322459	8.92%	0.955%
76	13.288	1863	1870	1875	rBV	110726	213851	5.92%	0.633%

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 Title : SFAM01.0

77	13.343	1875	1879	1882	rVB	59877	81550	2.26%	0.241%
78	13.410	1882	1890	1898	rBV6	67536	213661	5.91%	0.633%
79	13.477	1898	1901	1907	rBV6	51681	84732	2.34%	0.251%
80	13.556	1908	1914	1920	rBV	1430031	2211700	61.19%	6.549%
81	13.690	1932	1936	1941	rBV4	70530	111746	3.09%	0.331%
82	13.849	1956	1962	1972	rBV	1009295	2078635	57.50%	6.155%
83	13.928	1972	1975	1980	rVV4	48815	83268	2.30%	0.247%
84	14.025	1986	1991	1994	rBV3	85371	172195	4.76%	0.510%
85	14.190	2014	2018	2022	rBV3	97139	155135	4.29%	0.459%
86	14.257	2025	2029	2035	rVB3	149232	255571	7.07%	0.757%
87	14.318	2035	2039	2041	rBV3	66848	105833	2.93%	0.313%
88	14.379	2045	2049	2053	rVV2	187155	265896	7.36%	0.787%
89	14.495	2063	2068	2072	rBV4	157516	362450	10.03%	1.073%
90	14.544	2073	2076	2081	rVB2	203688	309760	8.57%	0.917%
91	14.653	2091	2094	2100	rBV3	63386	85669	2.37%	0.254%
92	14.739	2105	2108	2112	rVB3	75966	94002	2.60%	0.278%
93	14.793	2113	2117	2120	rBV2	123505	233186	6.45%	0.691%
94	14.836	2120	2124	2130	rVB2	326822	615763	17.03%	1.823%
95	15.324	2199	2204	2210	rVB2	346703	647399	17.91%	1.917%
96	15.391	2210	2215	2220	rBV4	153375	333616	9.23%	0.988%
97	15.568	2240	2244	2250	rBV5	104242	222874	6.17%	0.660%
98	15.726	2266	2270	2277	rVB5	180130	336602	9.31%	0.997%
99	15.860	2289	2292	2297	rBV7	78117	168291	4.66%	0.498%
100	16.275	2356	2360	2369	rVB2	253829	547750	15.15%	1.622%

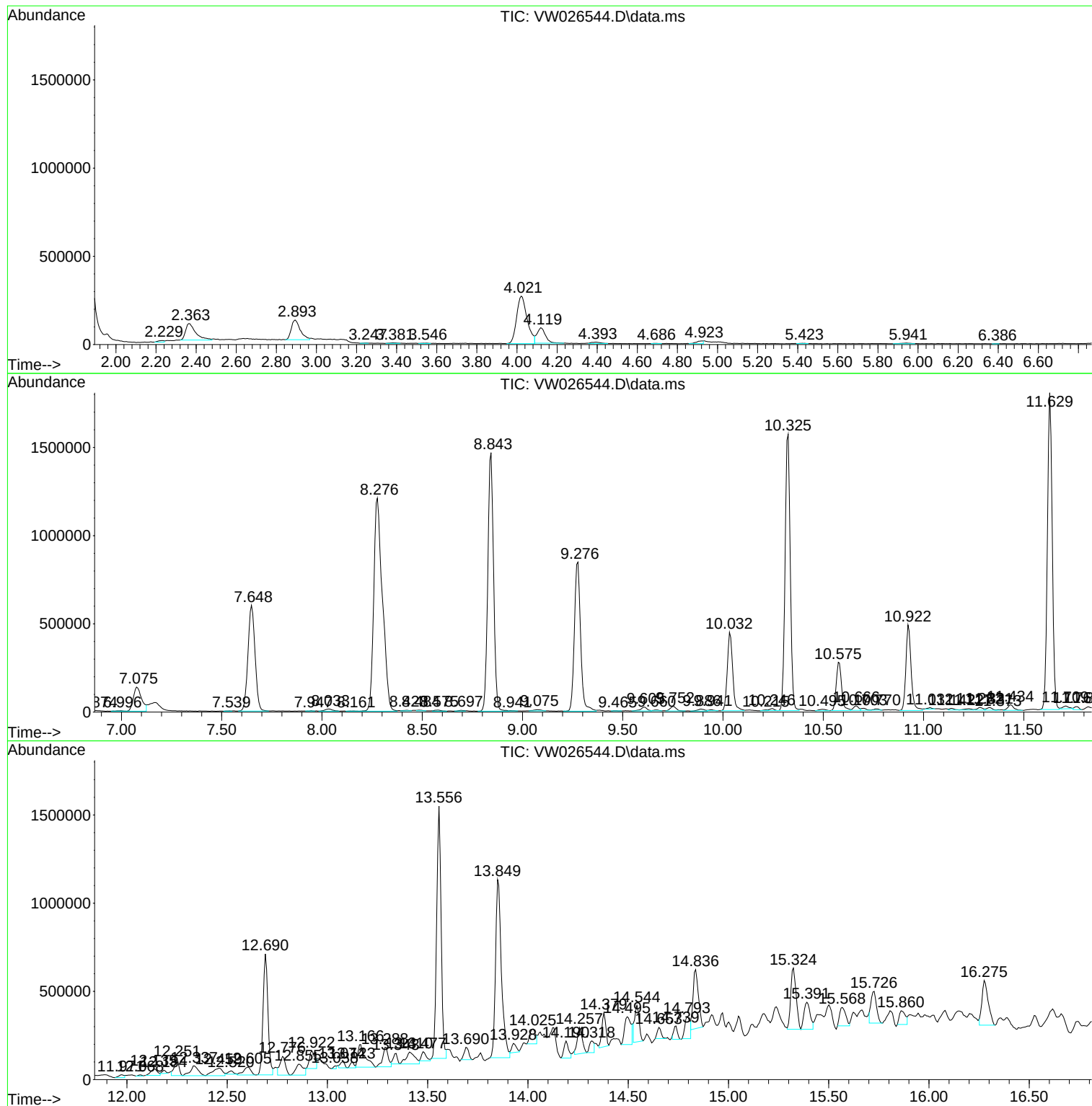
Sum of corrected areas: 33769562

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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



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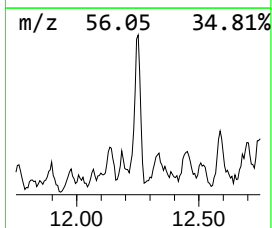
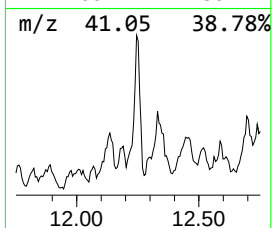
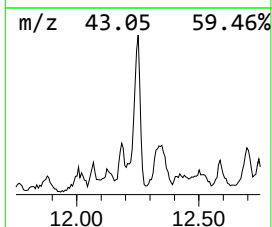
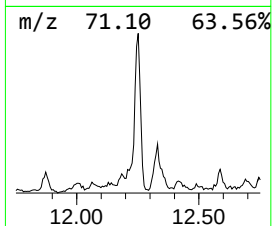
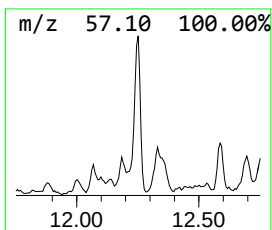
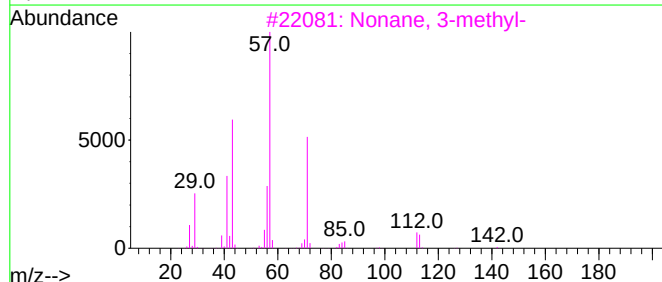
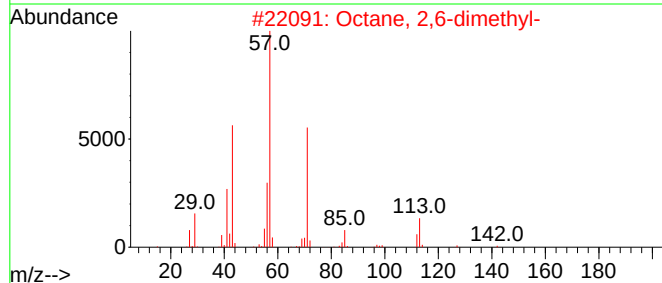
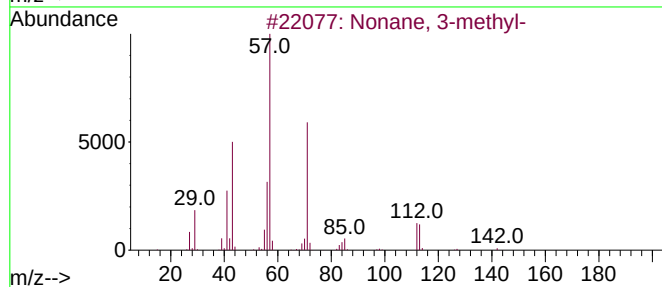
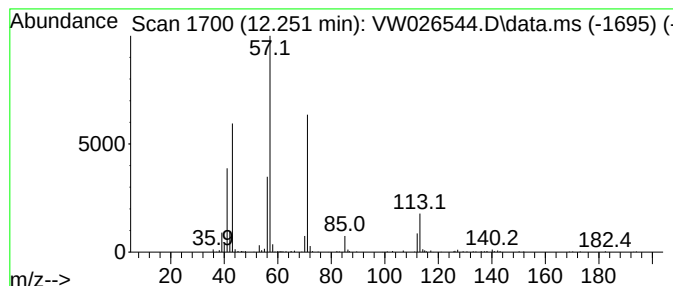
Instrument :
MSVOA_W
ClientSampleId :
A4737

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.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 25

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.251	1.25 ug/L	149753	Chlorobenzene-d5		11.629	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-		142	C10H22	005911-04-6	86
2	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	83
3	Nonane, 3-methyl-		142	C10H22	005911-04-6	83
4	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	83
5	Nonane, 3-methyl-		142	C10H22	005911-04-6	78



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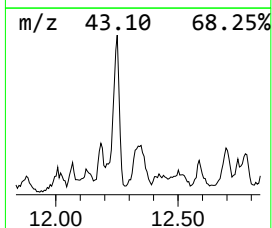
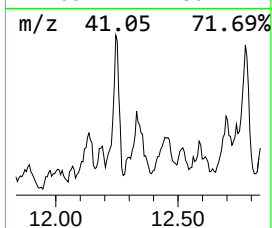
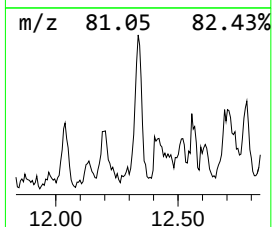
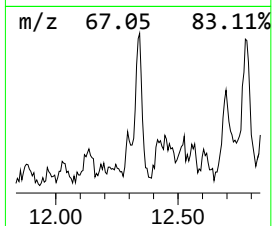
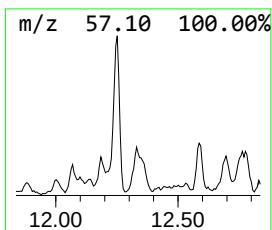
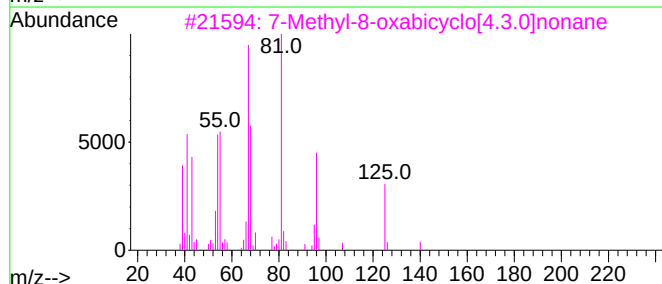
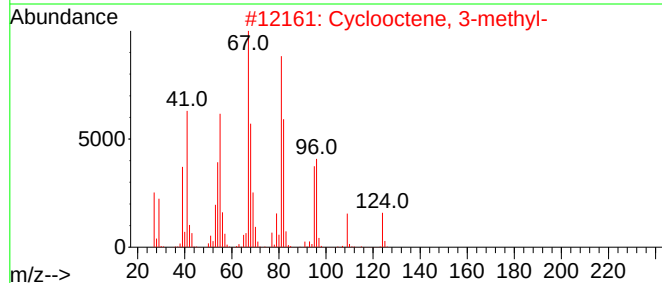
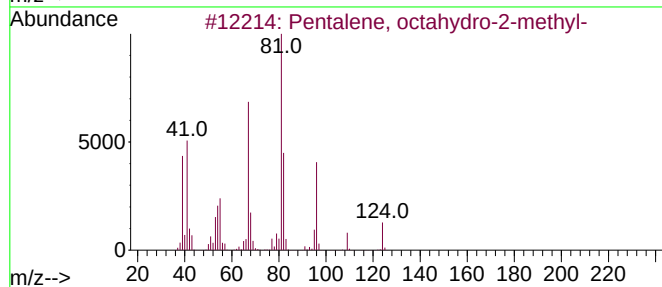
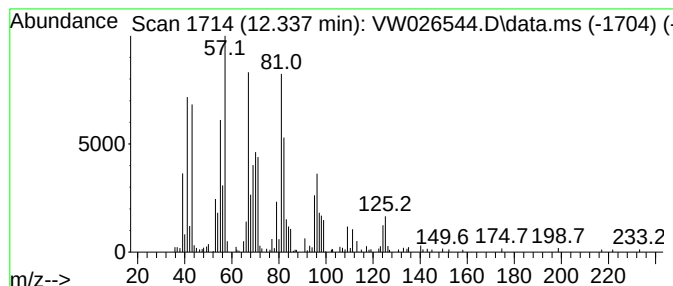
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Quant Title : SFAM01.0

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

Peak Number 3 Pentalene, octahydro-2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.337	1.30 ug/L	155305	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	64
2	Cyclooctene, 3-methyl-	124	C9H16	013152-05-1	58
3	7-Methyl-8-oxabicyclo[4.3.0]nonane	140	C9H16O	1000216-87-6	49
4	1-Octadecyne	250	C18H34	000629-89-0	49
5	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	46



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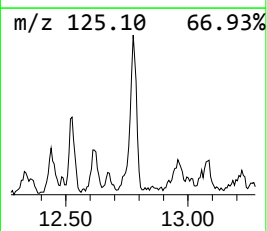
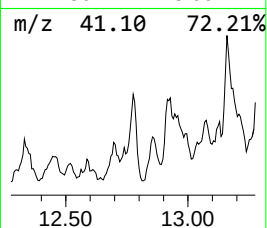
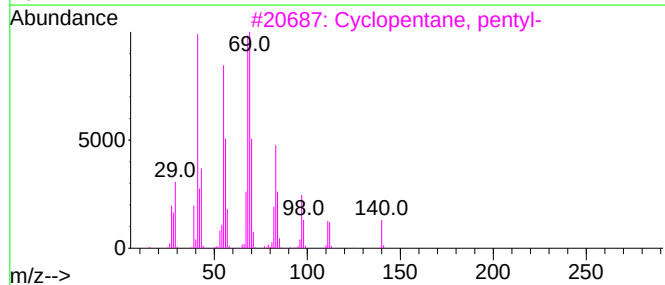
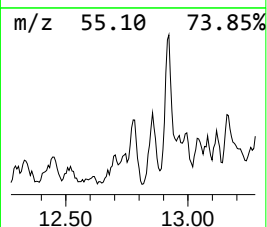
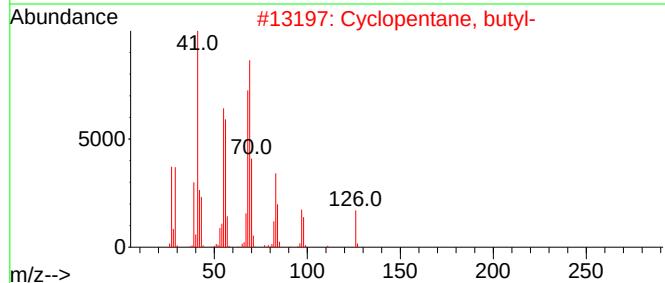
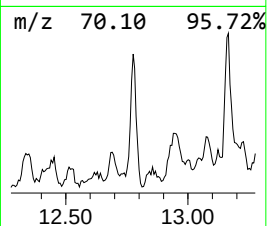
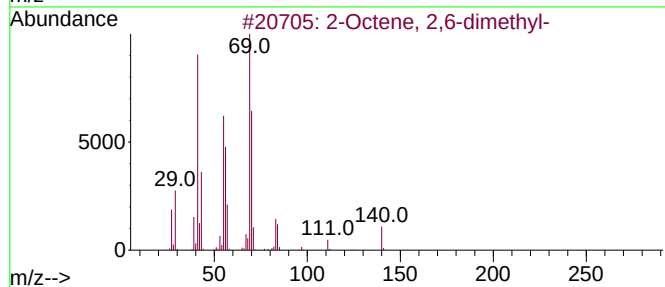
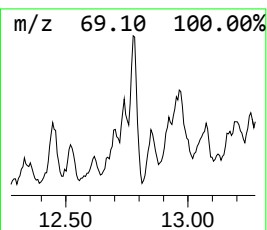
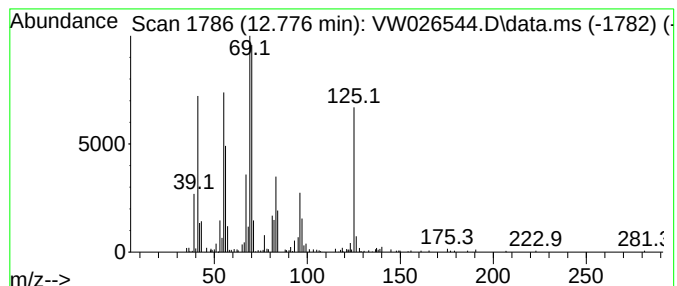
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.776	2.24 ug/L	198450	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
2			Cyclopentane, butyl-	126	C9H18	002040-95-1	55
3			Cyclopentane, pentyl-	140	C10H20	003741-00-2	52
4			Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	46
5			1-Octene, 3,7-dimethyl-	140	C10H20	004984-01-4	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026544.D
Acq On : 06 Jul 2023 16:05
Operator : SY/MD
Sample : 03534-19
Misc : 4.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4737

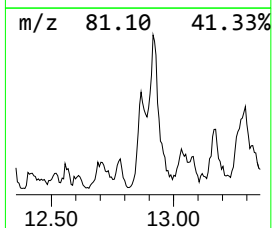
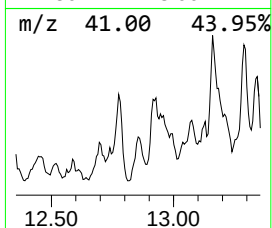
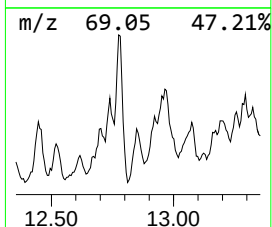
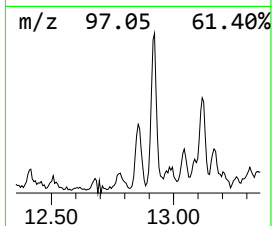
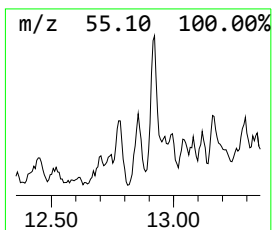
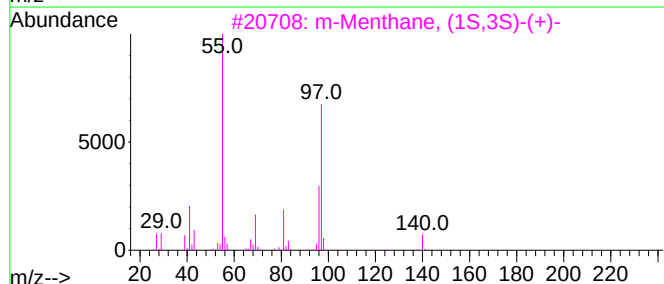
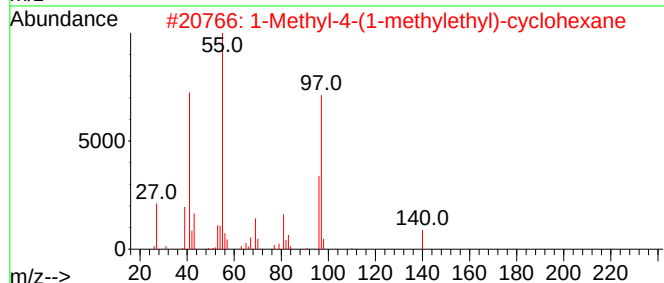
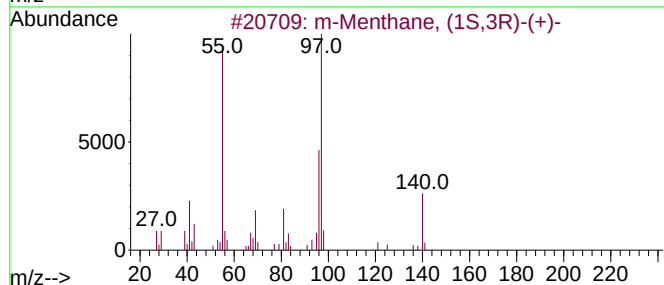
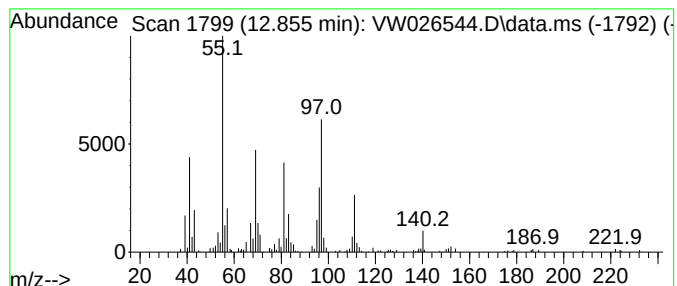
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.855	1.94 ug/L	171688	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	53
2			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	52
3			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	50
4			1-Nonylcycloheptane	224	C16H32	1000371-47-7	49
5			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026544.D
Acq On : 06 Jul 2023 16:05
Operator : SY/MD
Sample : 03534-19
Misc : 4.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4737

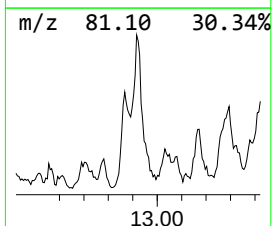
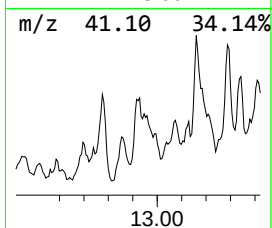
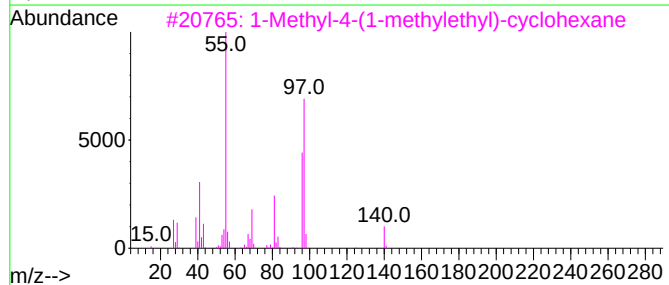
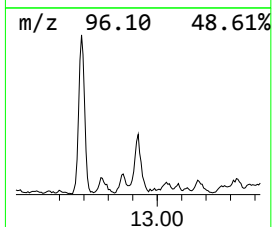
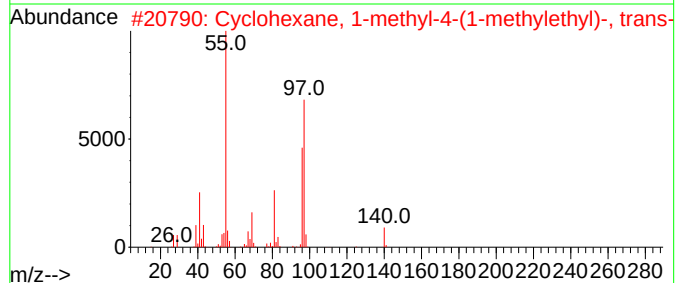
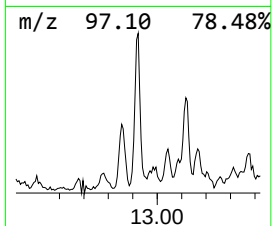
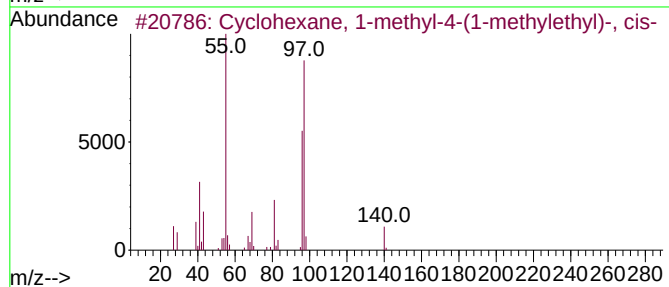
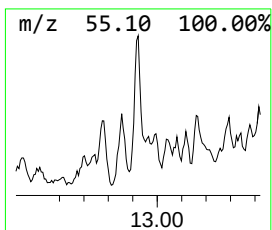
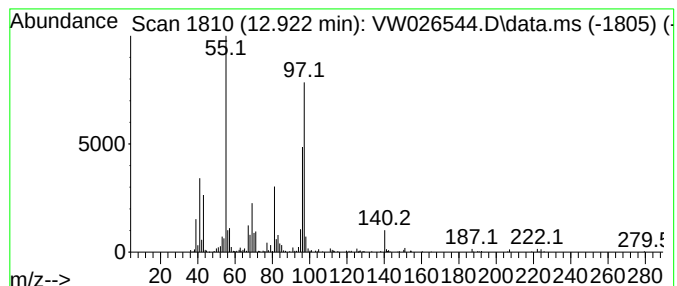
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Cyclic12.922 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.922	2.23 ug/L	197294	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	93
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	93
3			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	93
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	87
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026544.D
Acq On : 06 Jul 2023 16:05
Operator : SY/MD
Sample : 03534-19
Misc : 4.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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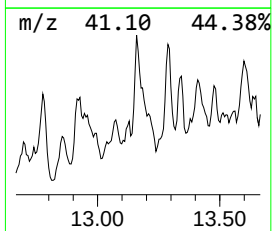
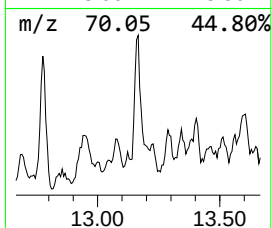
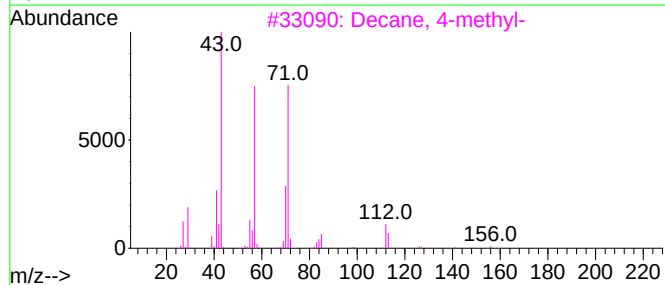
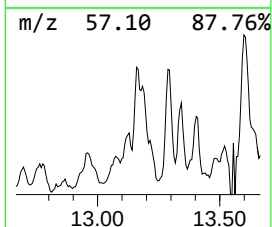
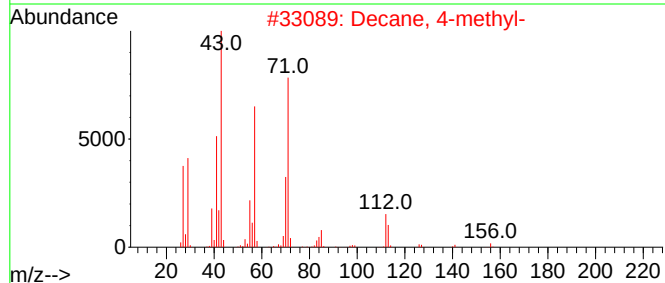
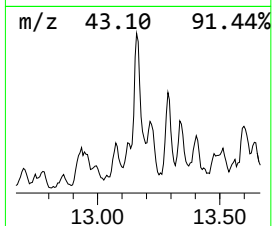
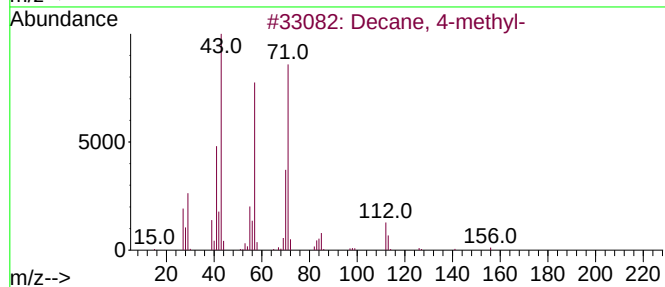
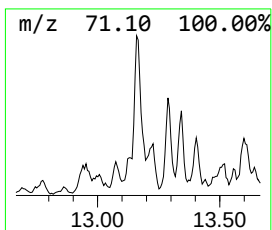
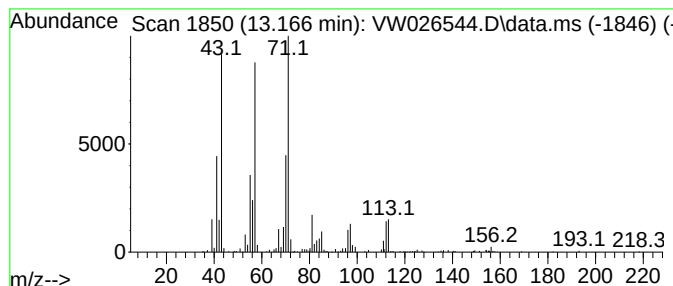
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.166	3.64 ug/L	322459	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	87
2			Decane, 4-methyl-	156	C11H24	002847-72-5	58
3			Decane, 4-methyl-	156	C11H24	002847-72-5	58
4			4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	53
5			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026544.D
Acq On : 06 Jul 2023 16:05
Operator : SY/MD
Sample : 03534-19
Misc : 4.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

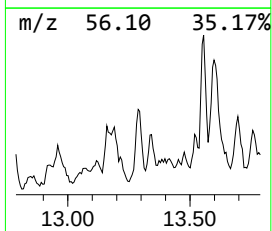
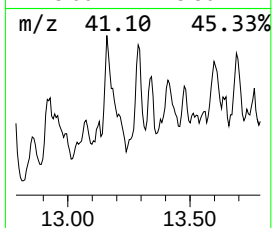
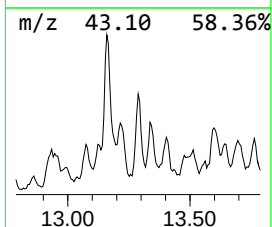
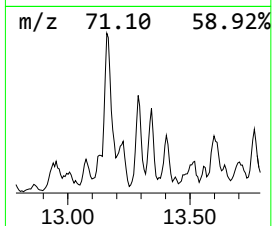
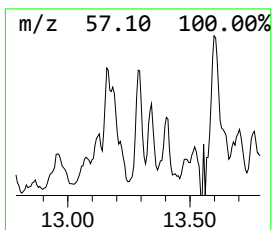
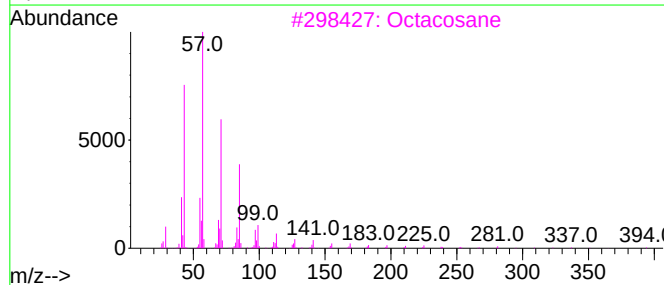
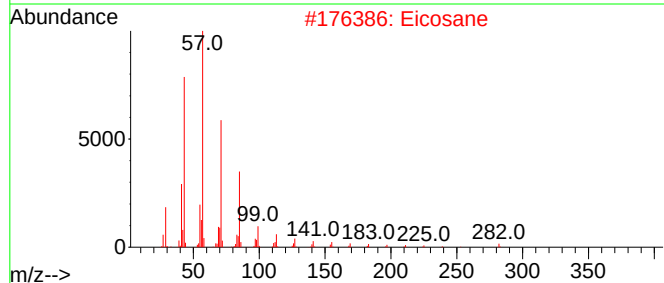
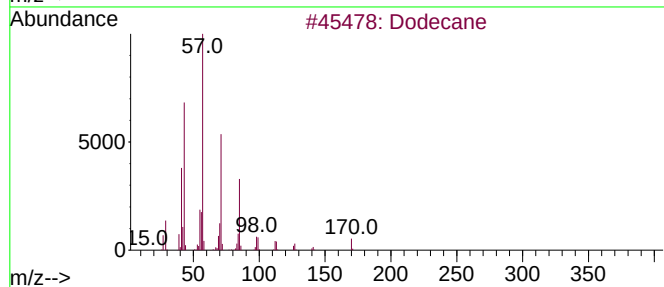
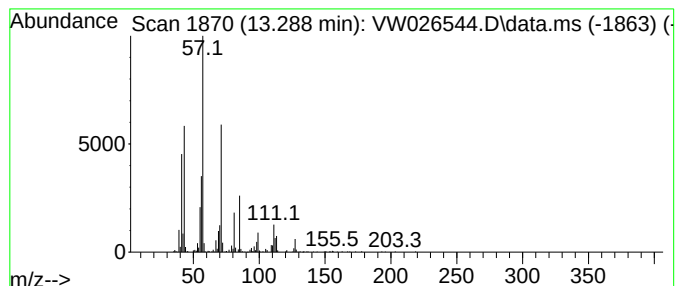
Instrument :
MSVOA_W
ClientSampleId :
A4737

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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 14

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.288	2.42 ug/L	213851	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	59
2	Eicosane		282	C20H42	000112-95-8	59
3	Octacosane		394	C28H58	000630-02-4	59
4	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	59
5	Decane, 3-methyl-		156	C11H24	013151-34-3	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026544.D
Acq On : 06 Jul 2023 16:05
Operator : SY/MD
Sample : 03534-19
Misc : 4.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4737

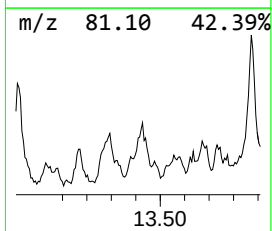
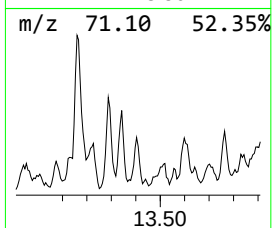
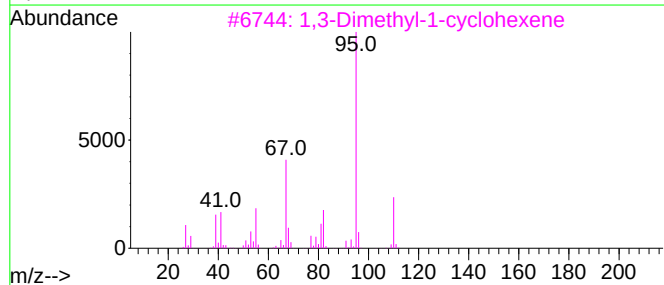
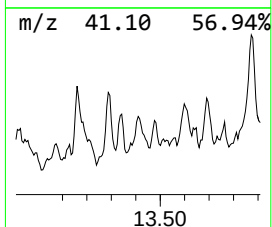
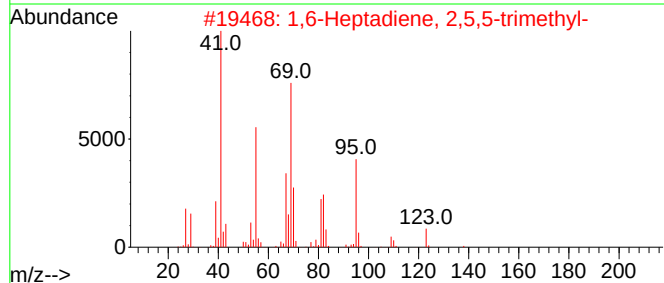
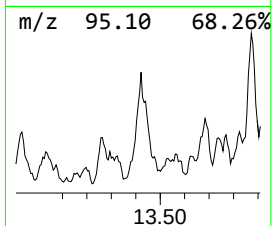
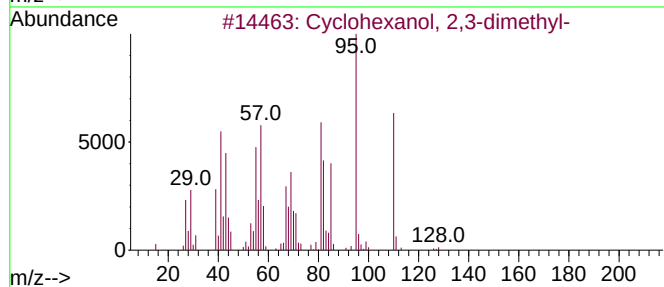
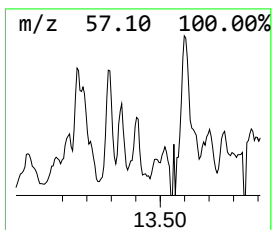
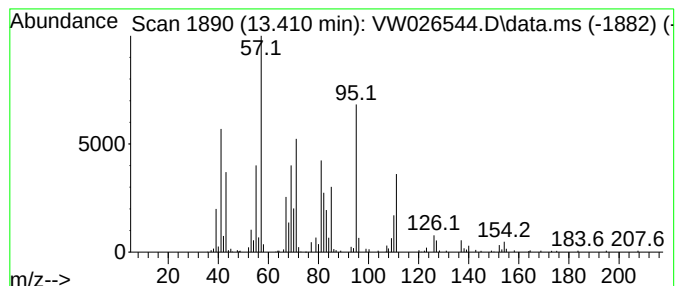
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Quant Title : SFAM01.0

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

Peak Number 10 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.410	2.42 ug/L	213661	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanol, 2,3-dimethyl-	128	C8H16O	001502-24-5	27
2			1,6-Heptadiene, 2,5,5-trimethyl-	138	C10H18	062238-28-2	27
3			1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	25
4			Octanoic acid, 2-hexenyl ester, ...	226	C14H26O2	085554-72-9	22
5			1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026544.D
Acq On : 06 Jul 2023 16:05
Operator : SY/MD
Sample : 03534-19
Misc : 4.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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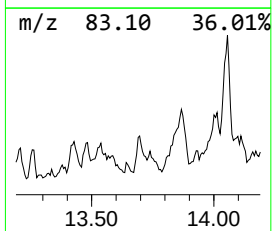
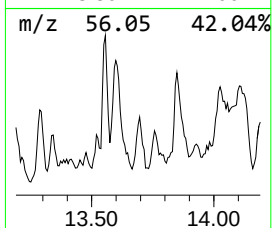
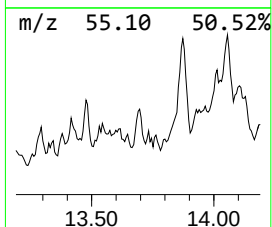
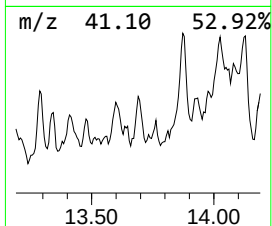
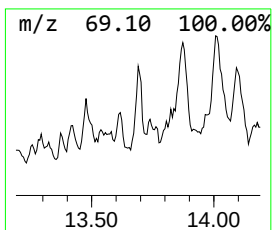
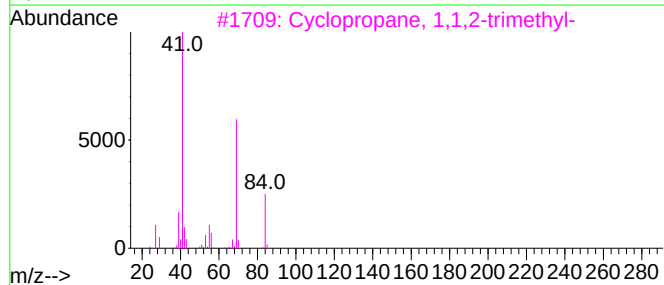
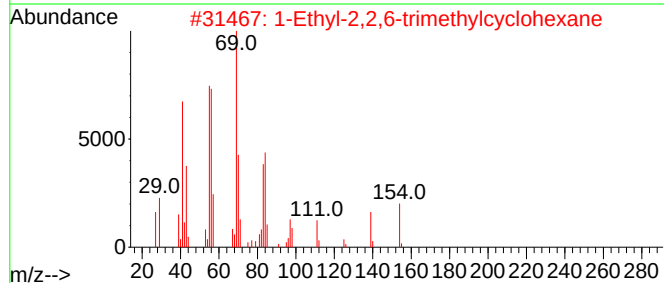
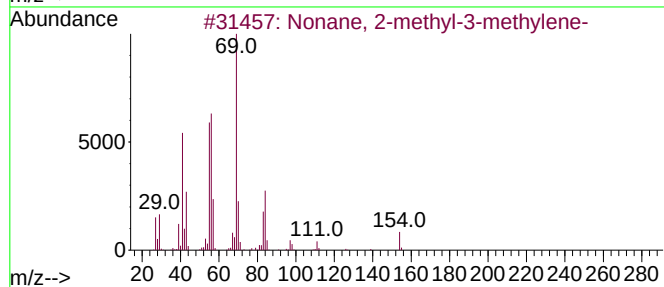
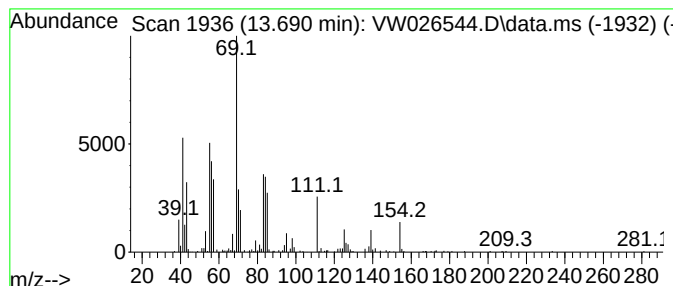
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.690	1.26 ug/L	111746	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	43
2			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	43
3			Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	38
4			2-Pentene, 2-methyl-	84	C6H12	000625-27-4	38
5			2-Pentene, 3-methyl-	84	C6H12	000922-61-2	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026544.D
Acq On : 06 Jul 2023 16:05
Operator : SY/MD
Sample : 03534-19
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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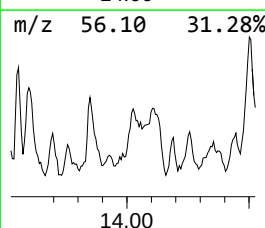
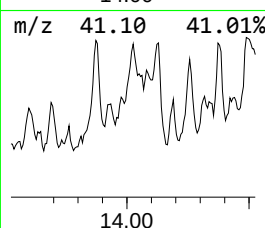
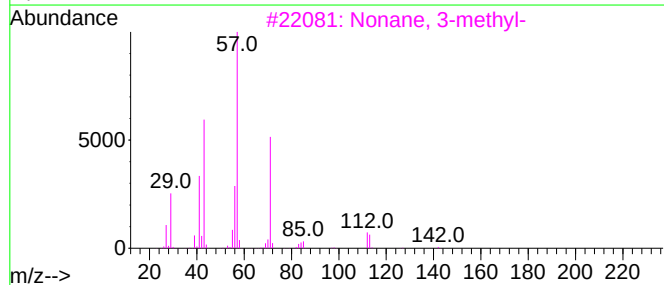
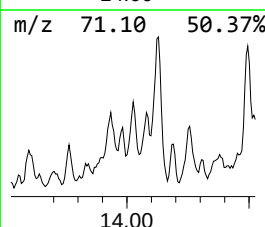
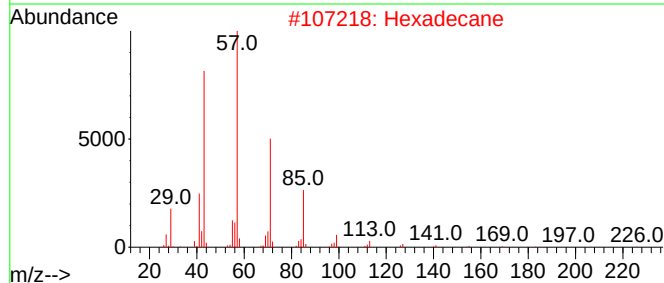
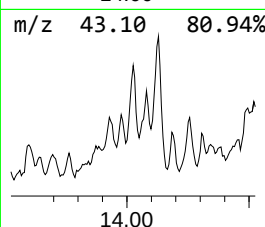
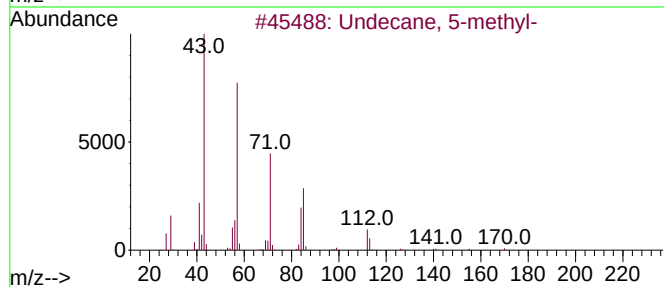
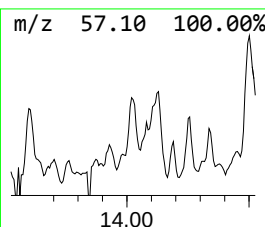
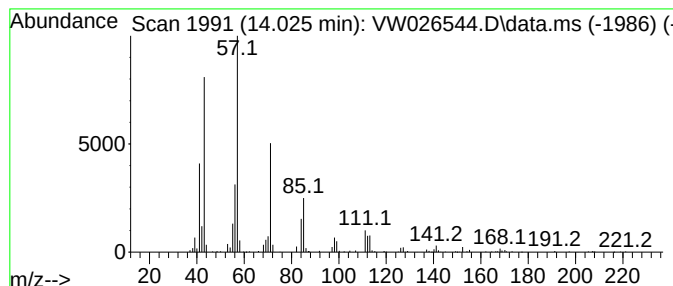
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.025	1.95 ug/L	172195	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 5-methyl-	170	C12H26	001632-70-8	70
2		Hexadecane	226	C16H34	000544-76-3	64
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	64
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	53
5		Undecane, 3,4-dimethyl-	184	C13H28	017312-78-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026544.D
Acq On : 06 Jul 2023 16:05
Operator : SY/MD
Sample : 03534-19
Misc : 4.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

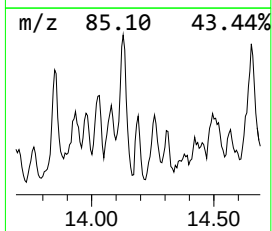
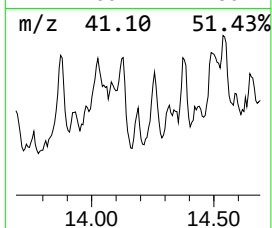
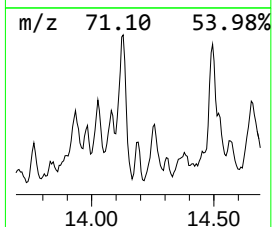
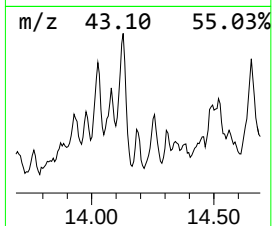
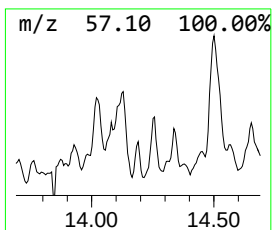
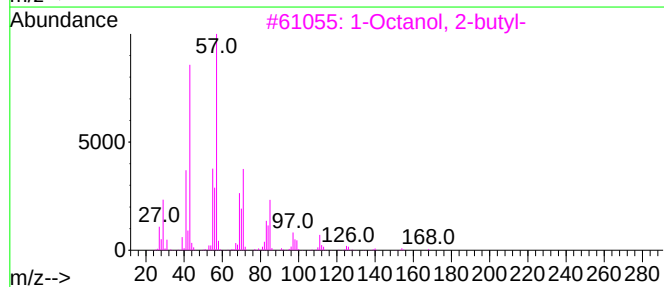
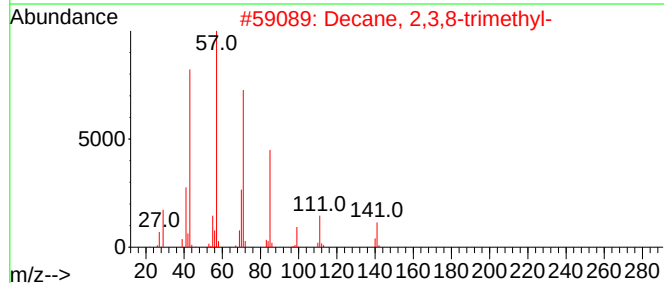
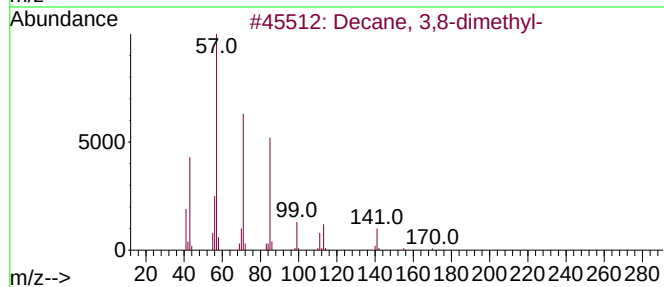
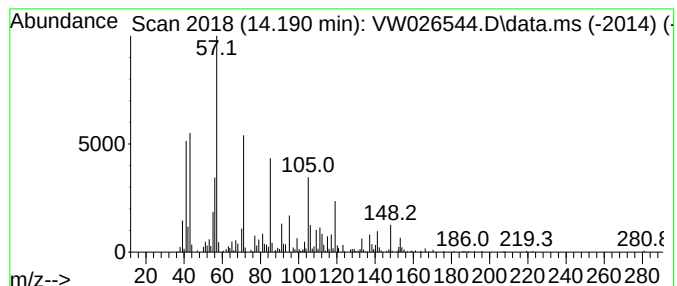
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MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.190	1.75 ug/L	155135	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	55
2	Decane, 2,3,8-trimethyl-		184	C13H28	062238-14-6	43
3	1-Octanol, 2-butyl-		186	C12H26O	003913-02-8	38
4	Oxalic acid, 6-ethyloct-3-yl iso...		314	C18H34O4	1000309-34-3	35
5	Decane, 1-iodo-		268	C10H21I	002050-77-3	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026544.D
Acq On : 06 Jul 2023 16:05
Operator : SY/MD
Sample : 03534-19
Misc : 4.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4737

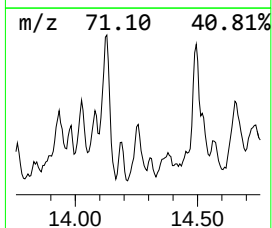
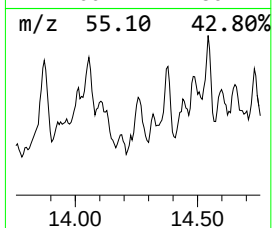
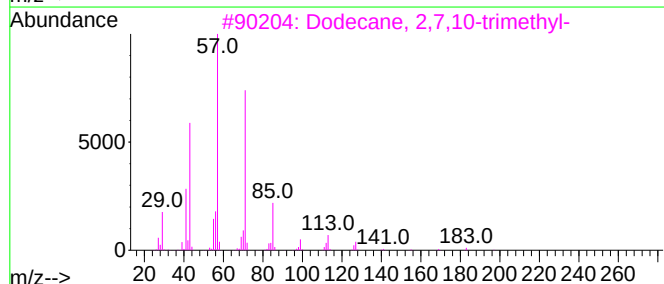
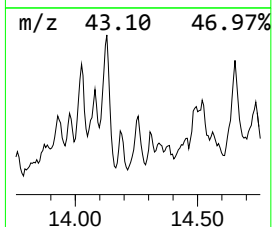
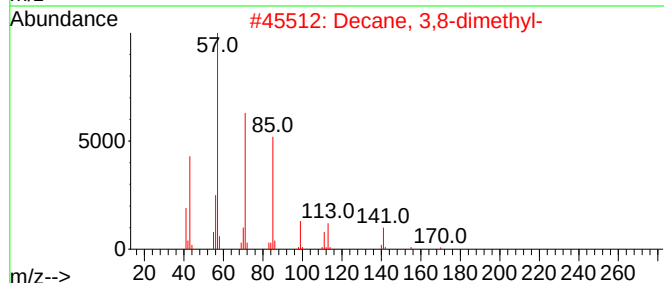
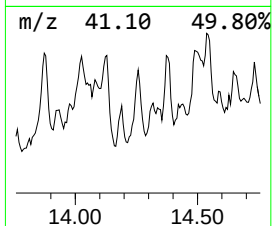
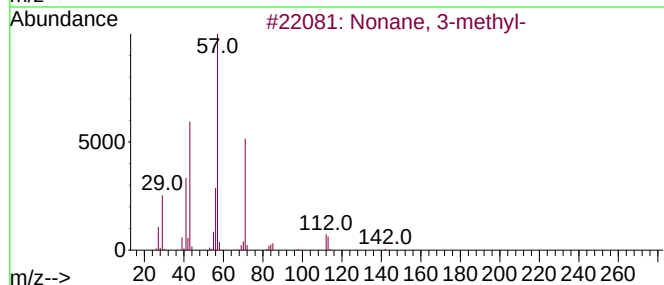
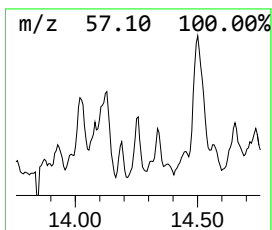
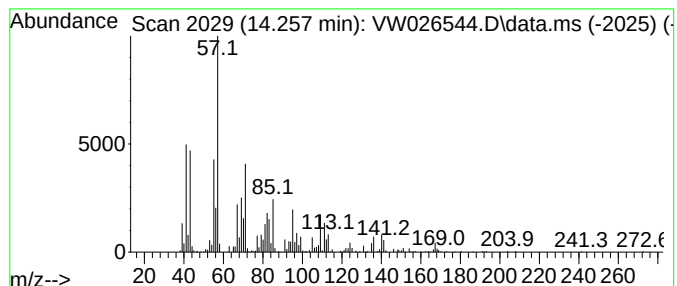
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	2.89 ug/L	255571	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonane, 3-methyl-	142	C10H22	005911-04-6	46
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	43
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	43
4		5-Ethyldecane	170	C12H26	017302-36-2	43
5		Tridecane	184	C13H28	000629-50-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026544.D
Acq On : 06 Jul 2023 16:05
Operator : SY/MD
Sample : 03534-19
Misc : 4.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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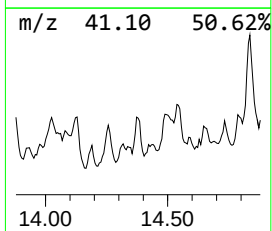
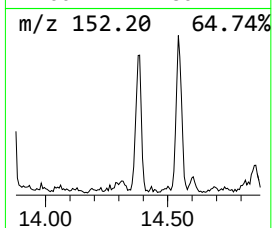
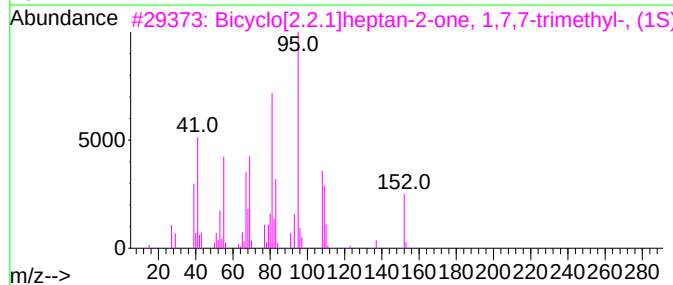
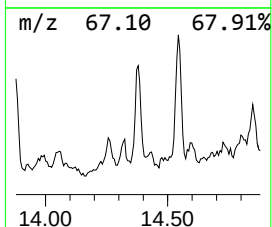
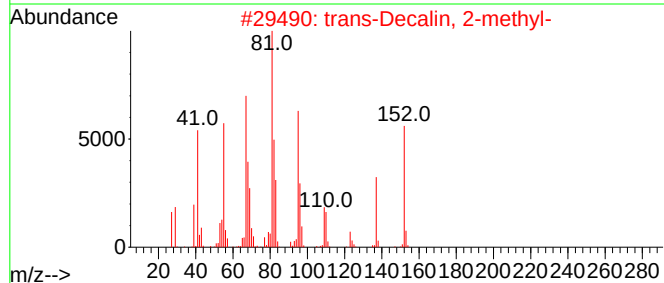
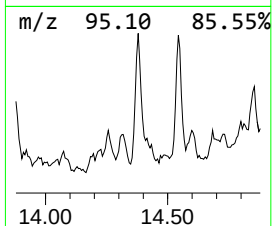
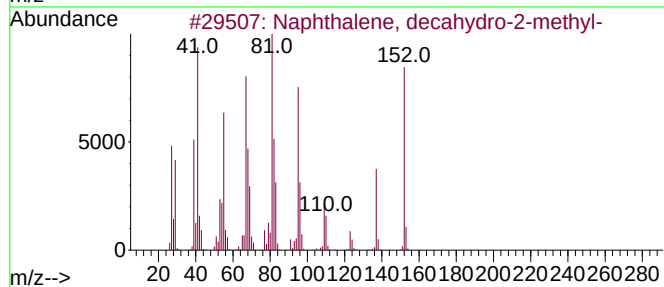
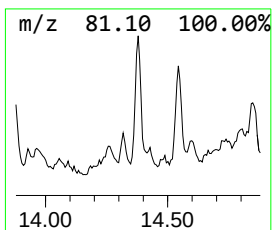
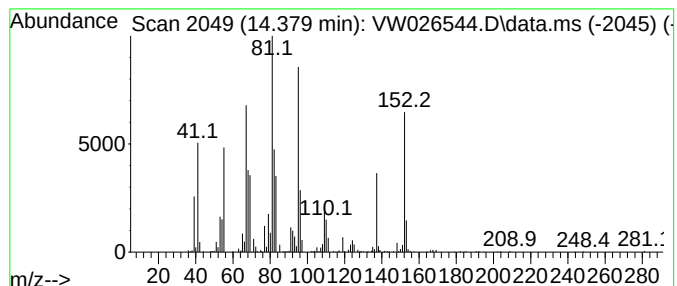
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Quant Title : SFAM01.0

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

Peak Number 15 Naphthalene, decahydro-2-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	3.01 ug/L	265896	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	95
3			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	81
4			Pulegone	152	C10H16O	000089-82-7	70
5			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026544.D
Acq On : 06 Jul 2023 16:05
Operator : SY/MD
Sample : 03534-19
Misc : 4.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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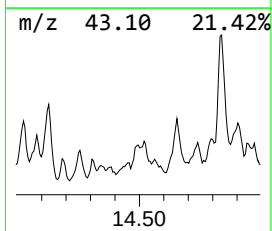
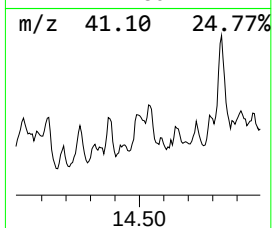
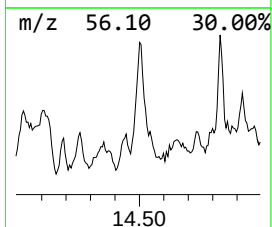
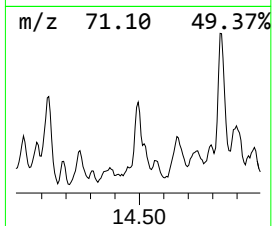
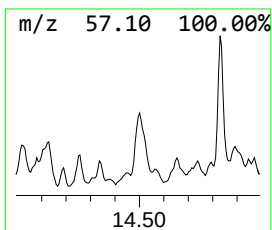
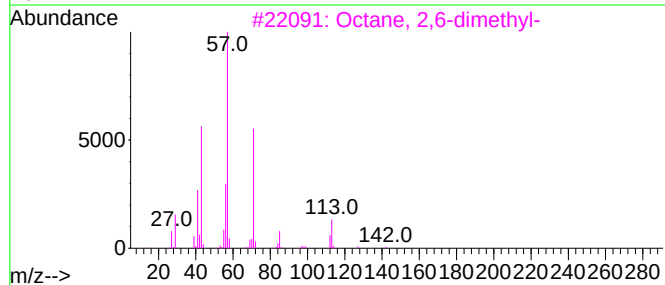
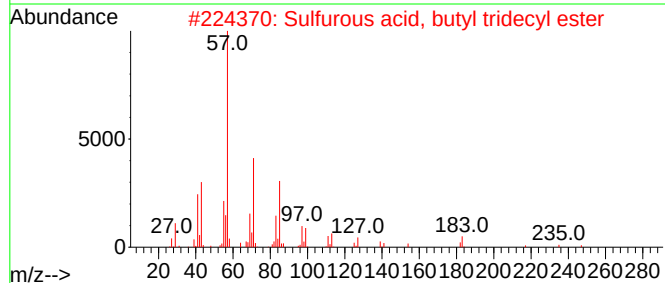
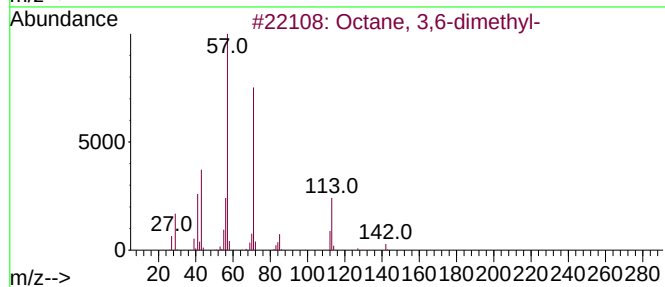
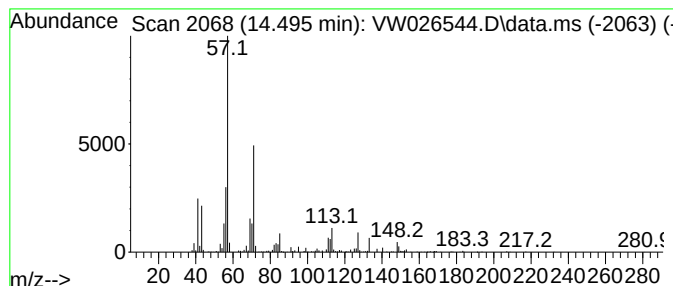
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.495	4.10 ug/L	362450	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
2			Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	64
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	53
5			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026544.D
Acq On : 06 Jul 2023 16:05
Operator : SY/MD
Sample : 03534-19
Misc : 4.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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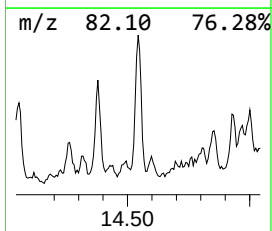
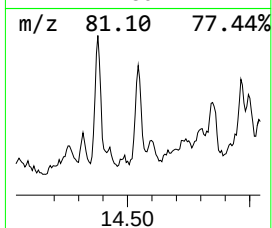
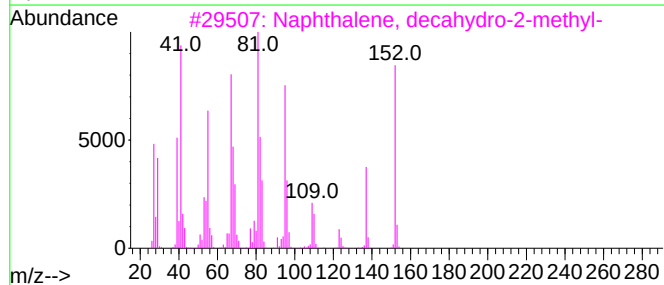
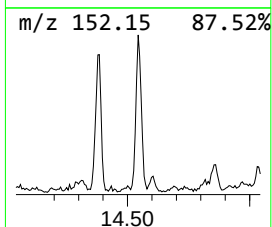
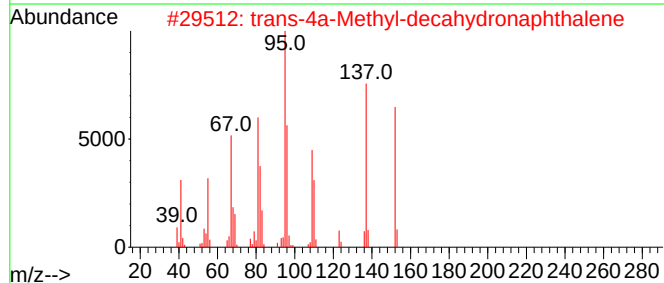
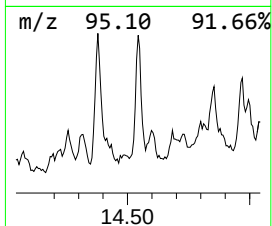
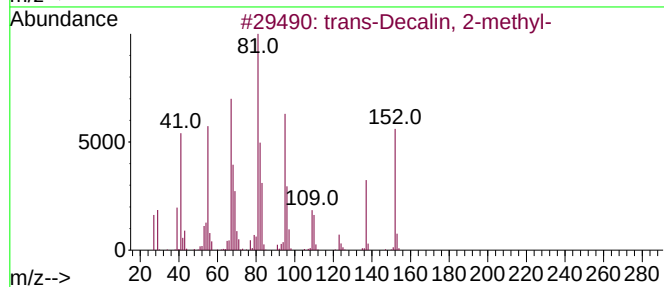
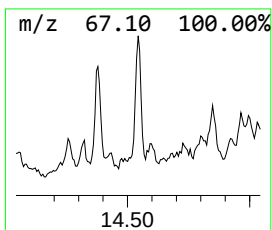
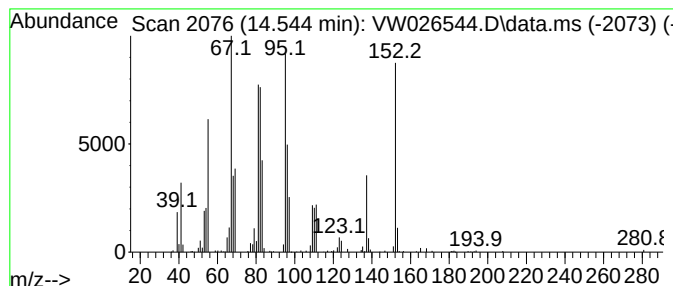
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Quant Title : SFAM01.0

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

Peak Number 17 trans-Decalin, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.544	3.50 ug/L	309760	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	76
2			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	70
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	70
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	64
5			Bicyclo[4.3.1]decan-10-one	152	C10H16O	020440-21-5	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026544.D
Acq On : 06 Jul 2023 16:05
Operator : SY/MD
Sample : 03534-19
Misc : 4.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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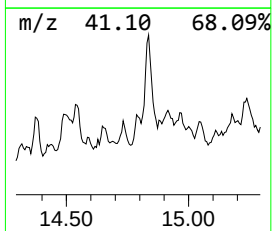
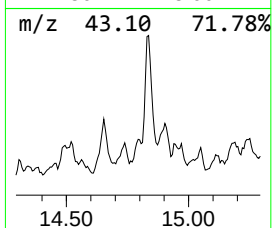
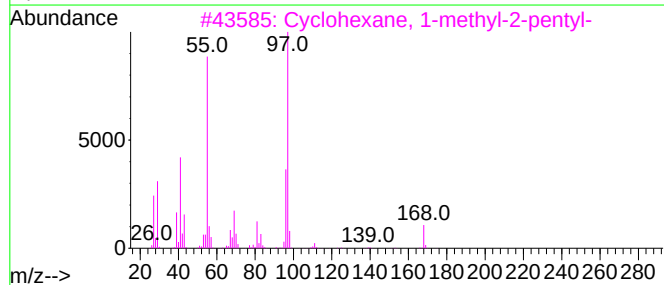
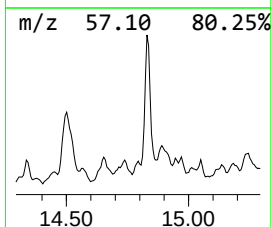
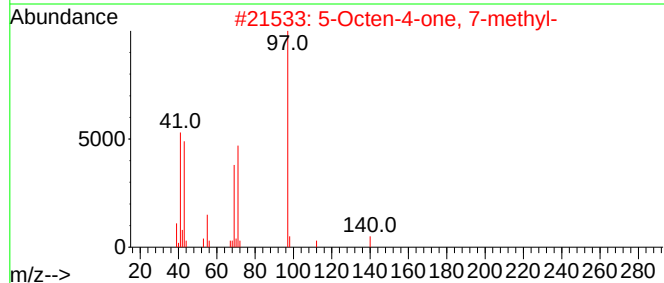
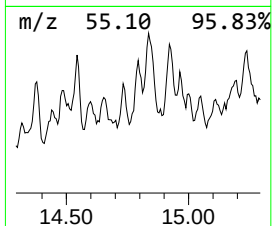
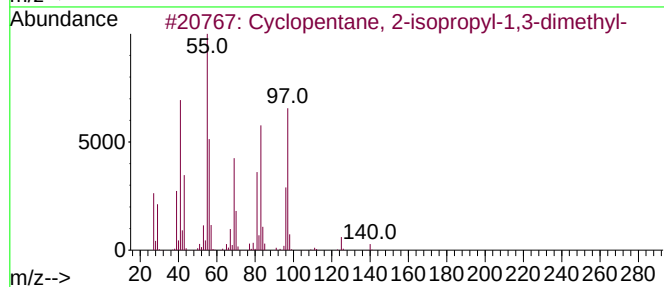
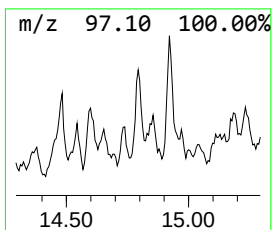
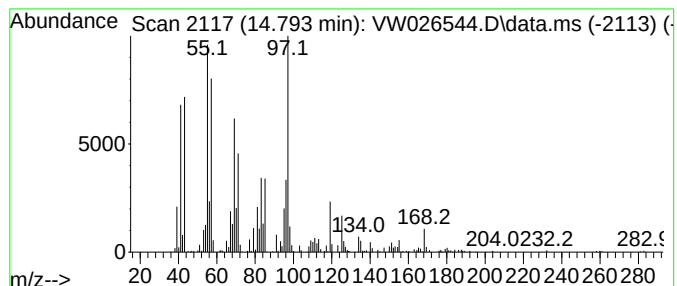
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Cyclic14.794 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.794	2.64 ug/L	233186	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	46
2		5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	43
3		Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	43
4		3-cyclohexylpropionic acid, 2,2,...	338	C13H17F7O2	1010376-61-3	43
5		Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026544.D
Acq On : 06 Jul 2023 16:05
Operator : SY/MD
Sample : 03534-19
Misc : 4.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4737

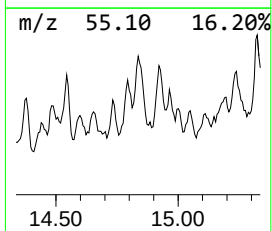
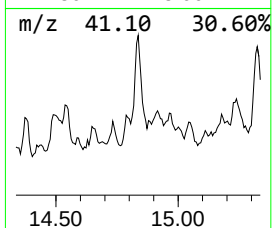
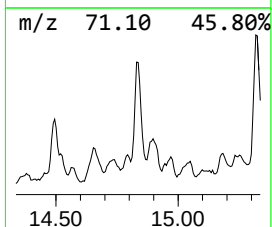
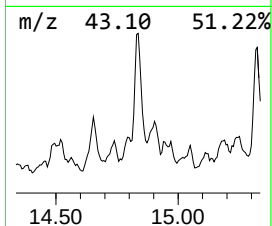
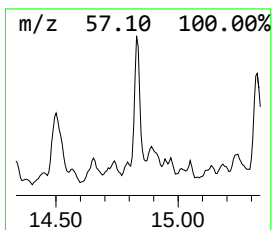
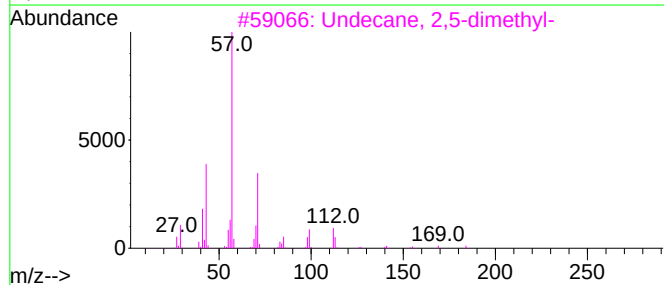
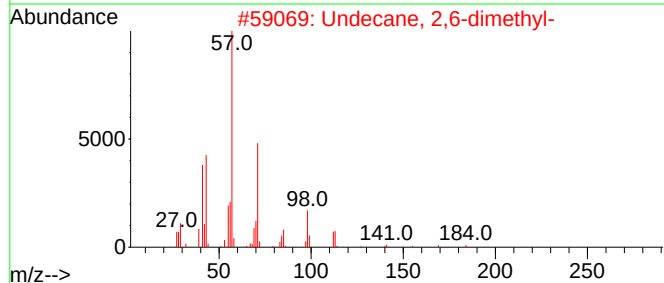
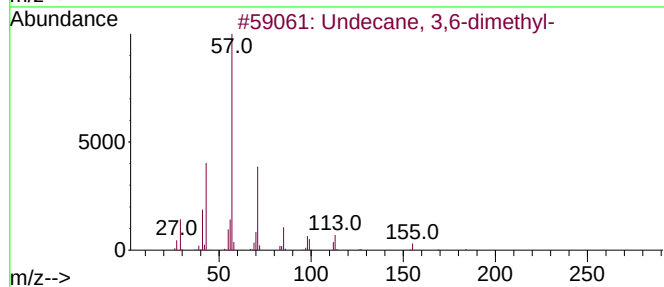
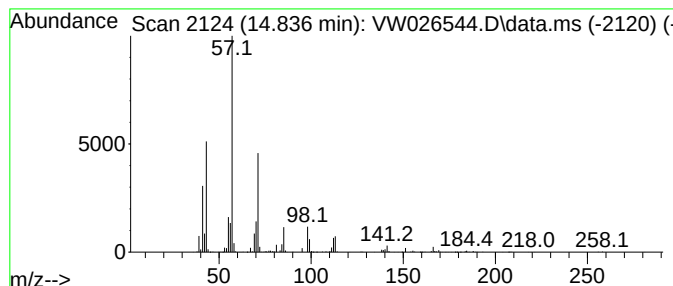
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.836	6.96 ug/L	615763	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	90
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	87
3		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	72
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70
5		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026544.D
Acq On : 06 Jul 2023 16:05
Operator : SY/MD
Sample : 03534-19
Misc : 4.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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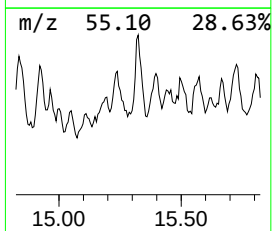
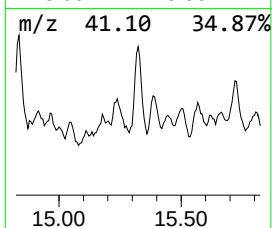
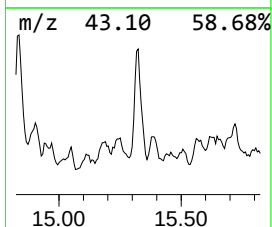
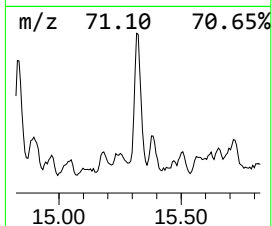
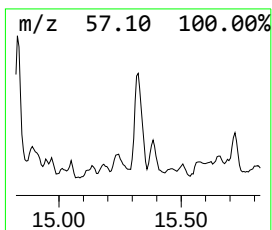
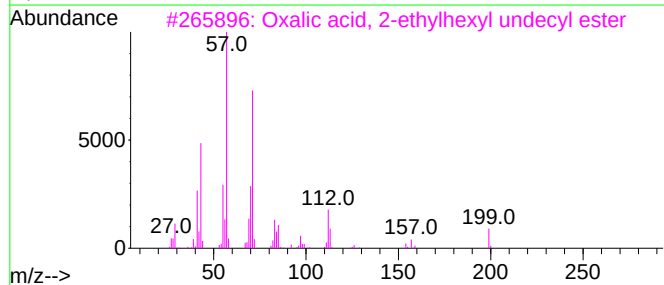
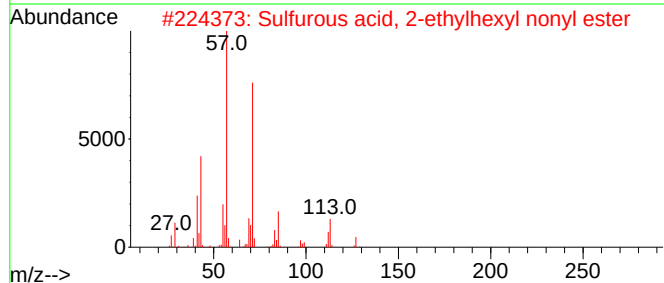
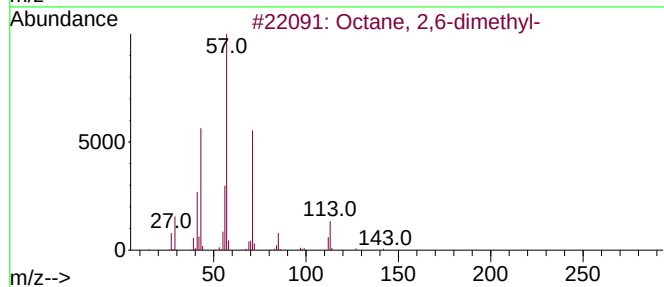
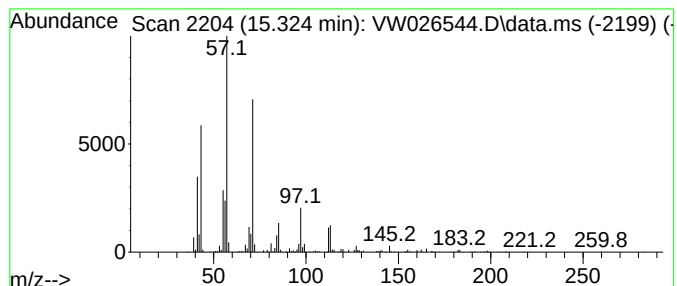
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Quant Title : SFAM01.0

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.324	7.32 ug/L	647399	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	64
2		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	59
3		Oxalic acid, 2-ethylhexyl undecy...	356	C21H40O4	1000309-39-4	53
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	49
5		Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026544.D
Acq On : 06 Jul 2023 16:05
Operator : SY/MD
Sample : 03534-19
Misc : 4.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4737

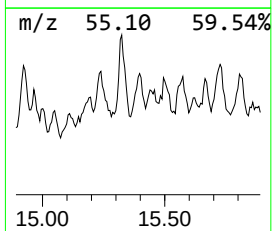
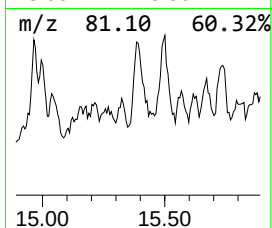
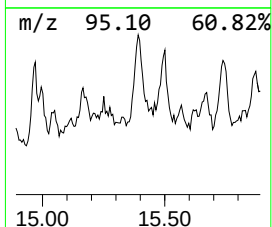
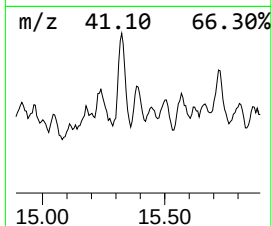
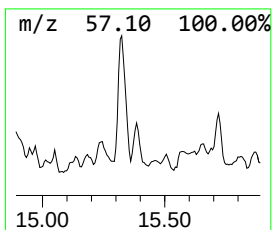
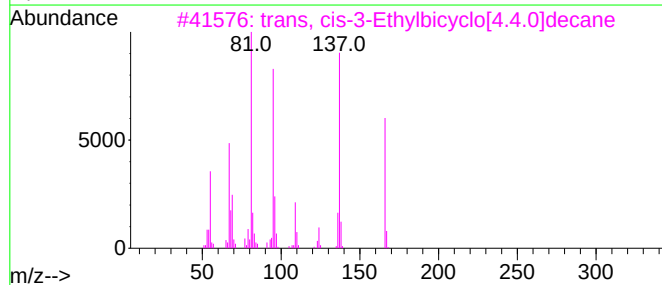
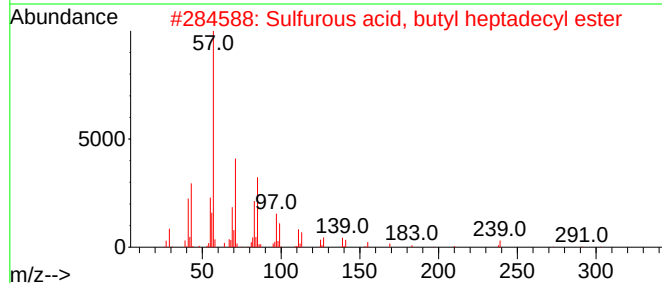
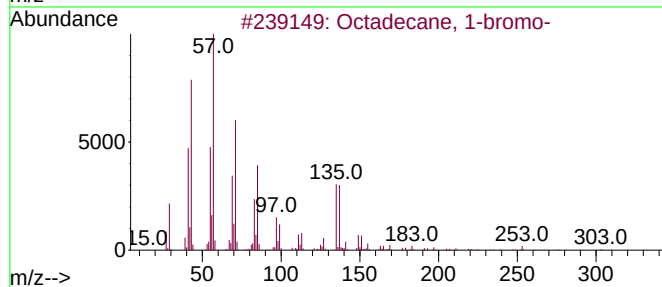
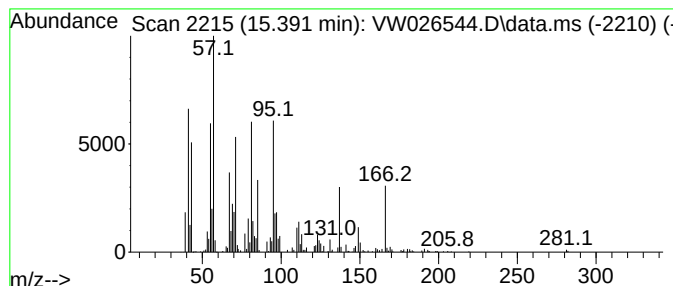
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Quant Title : SFAM01.0

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

Peak Number 21 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.391	3.77 ug/L	333616	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	46
2			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	38
3			trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	38
4			Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	30
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026544.D
Acq On : 06 Jul 2023 16:05
Operator : SY/MD
Sample : 03534-19
Misc : 4.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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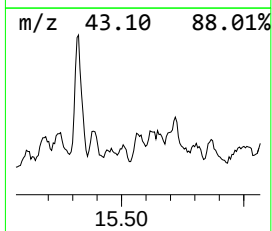
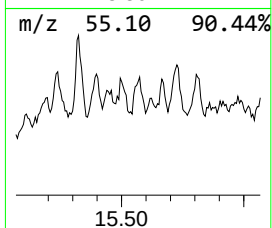
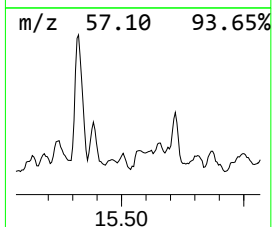
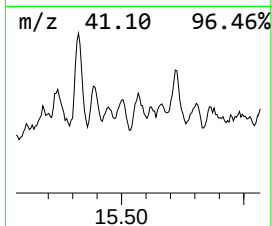
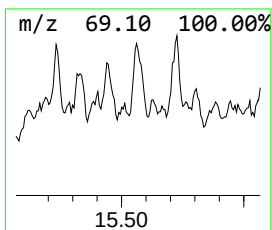
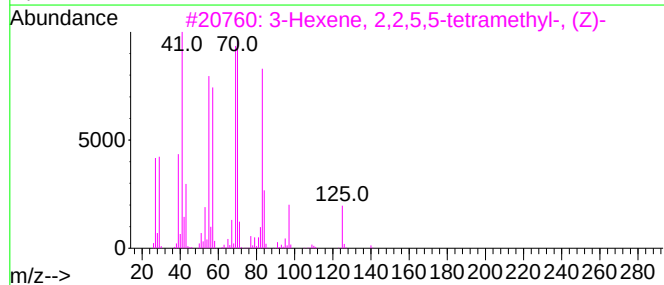
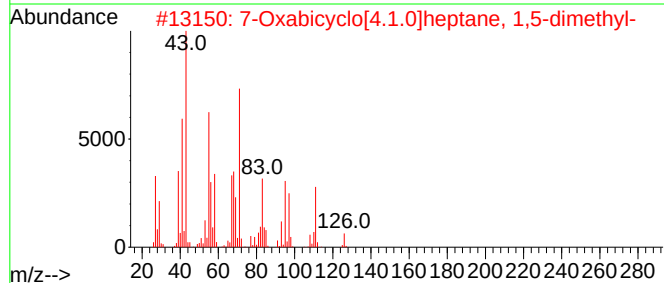
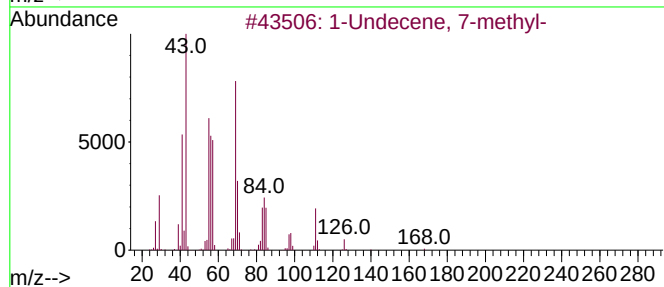
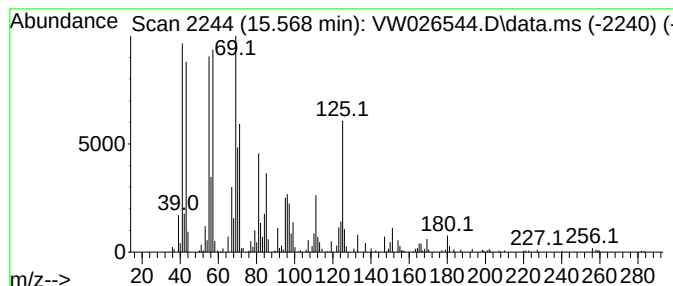
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Quant Title : SFAM01.0

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

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.568	2.52 ug/L	222874	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1	Undecene, 7-methyl-	168	C12H24	074630-42-5	43	
2	7	Oxabicyclo[4.1.0]heptane, 1,5-...	126	C8H14O	162239-52-3	35	
3	3	Hexene, 2,2,5,5-tetramethyl-, ...	140	C10H20	000692-47-7	30	
4	Cyanamide, dimethyl-	70	C3H6N2	001467-79-4	27		
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	25		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026544.D
Acq On : 06 Jul 2023 16:05
Operator : SY/MD
Sample : 03534-19
Misc : 4.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

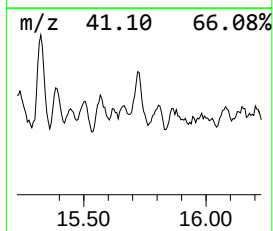
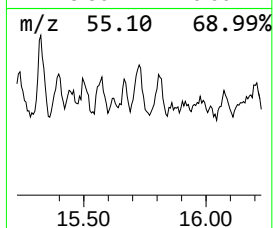
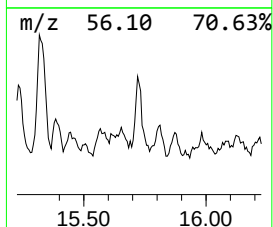
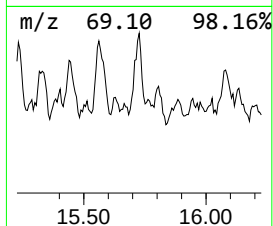
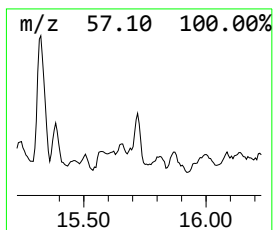
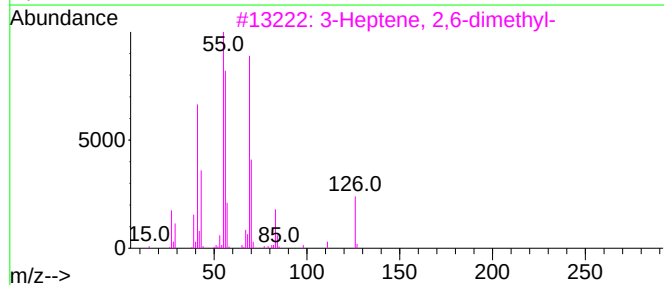
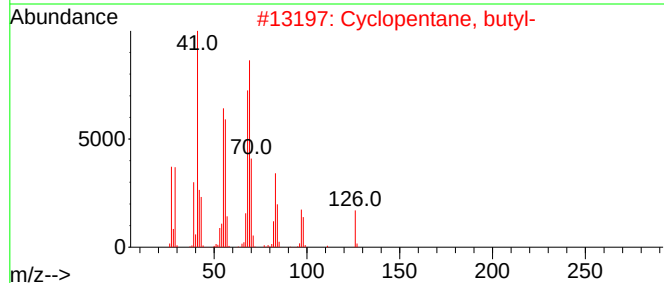
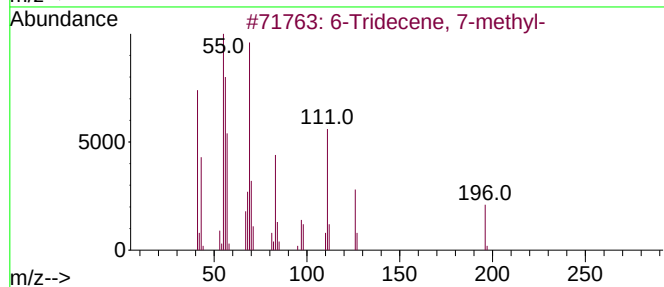
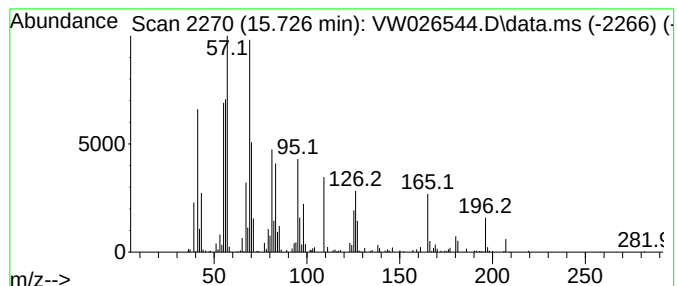
Instrument :
MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.726	3.80 ug/L	336602	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	6-Tridecene, 7-methyl-		196	C14H28	024949-42-6	55
2	Cyclopentane, butyl-		126	C9H18	002040-95-1	52
3	3-Heptene, 2,6-dimethyl-		126	C9H18	002738-18-3	43
4	1-Undecene, 10-methyl-		168	C12H24	022370-55-4	38
5	3-Heptene, 2,6-dimethyl-		126	C9H18	002738-18-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026544.D
Acq On : 06 Jul 2023 16:05
Operator : SY/MD
Sample : 03534-19
Misc : 4.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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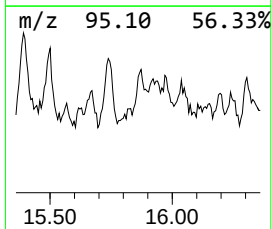
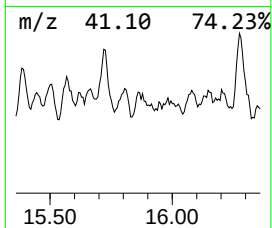
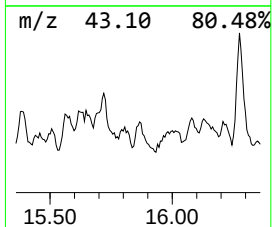
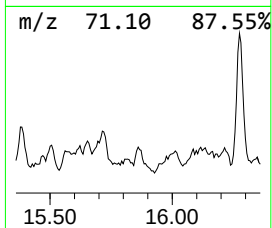
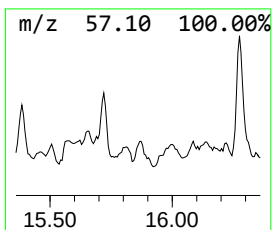
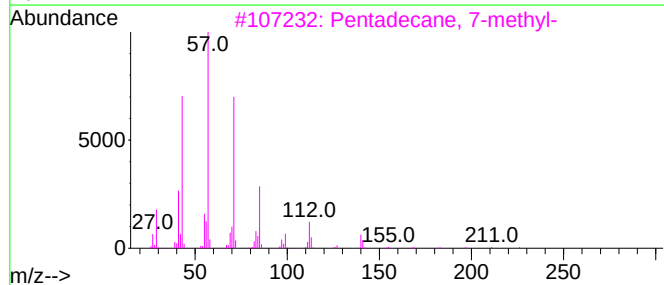
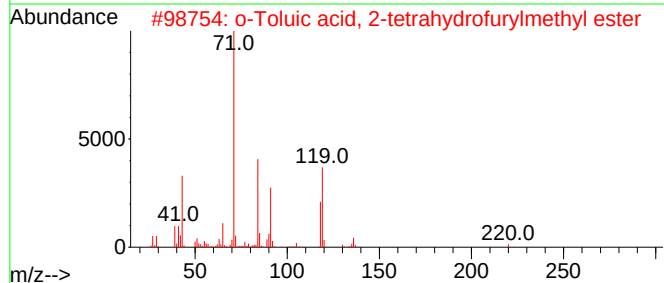
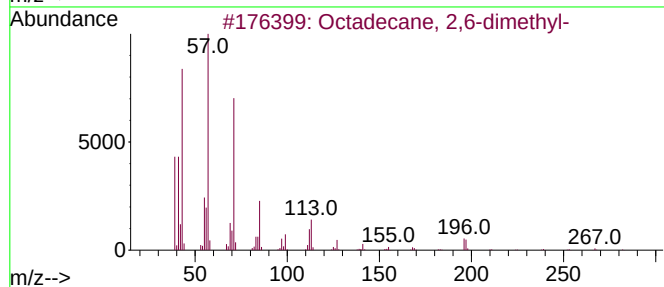
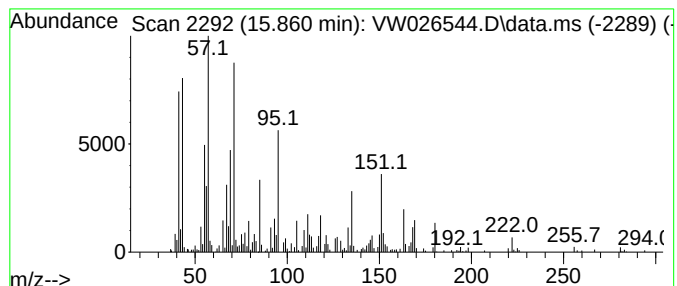
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Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.860	1.90 ug/L	168291	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	42
2			o-Toluic acid, 2-tetrahydrofuryl...	220	C13H16O3	1000293-42-3	38
3			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	30
4			3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	30
5			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026544.D
Acq On : 06 Jul 2023 16:05
Operator : SY/MD
Sample : 03534-19
Misc : 4.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4737

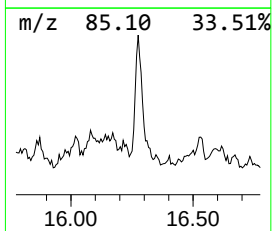
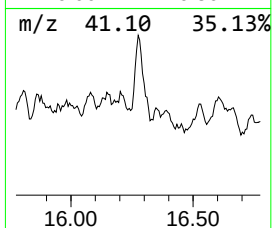
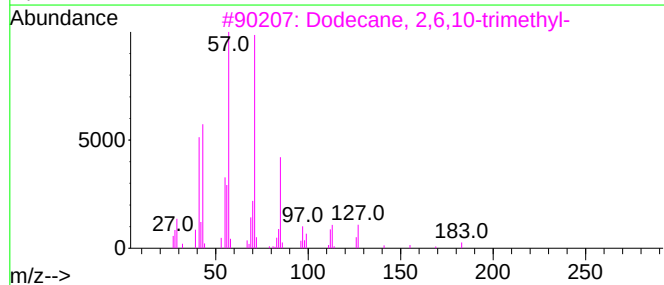
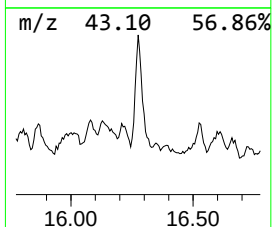
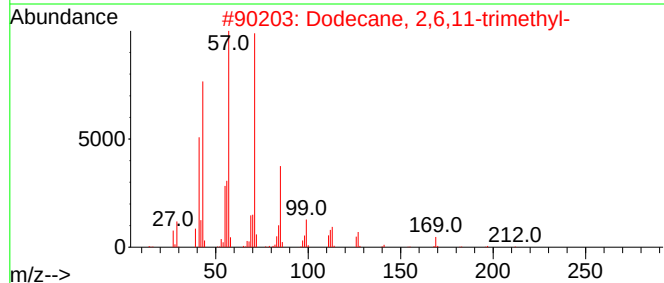
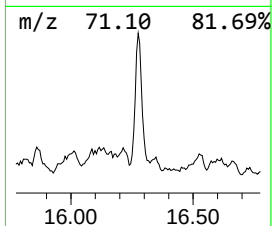
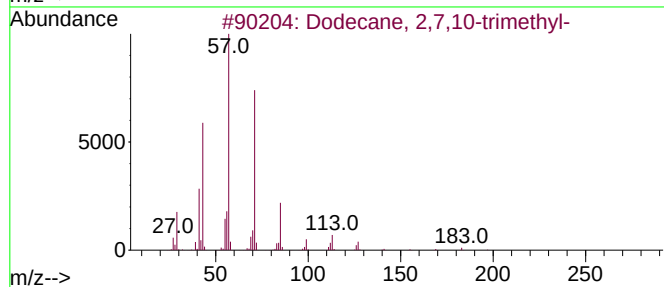
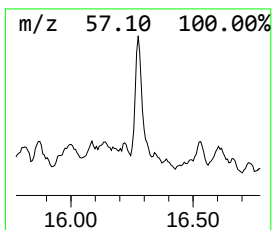
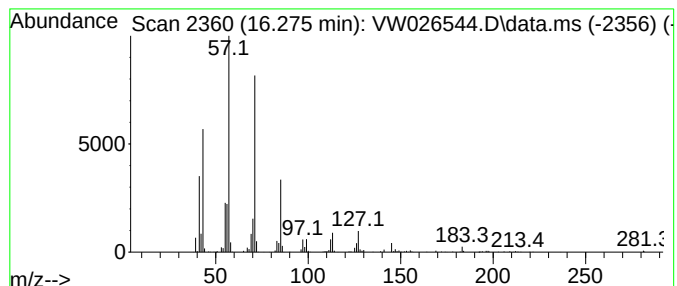
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Quant Title : SFAM01.0

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	6.19 ug/L	547750	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			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	87
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070623\
Data File : VW026544.D
Acq On : 06 Jul 2023 16:05
Operator : SY/MD
Sample : 03534-19
Misc : 4.32g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4737

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070323SMA.M
Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	12.251	1.3	ug/L	149753	2	11.629	2994820	25.0
Pentalene, octa...	12.337	1.3	ug/L	155305	2	11.629	2994820	25.0
(DEL) Alkane: S...	12.776	2.2	ug/L	198450	3	13.556	2211700	25.0
(DEL) Alkane: S...	12.855	1.9	ug/L	171688	3	13.556	2211700	25.0
(DEL) Alkane: C...	12.922	2.2	ug/L	197294	3	13.556	2211700	25.0
(DEL) Alkane: S...	13.166	3.6	ug/L	322459	3	13.556	2211700	25.0
(DEL) Alkane: S...	13.288	2.4	ug/L	213851	3	13.556	2211700	25.0
unknown-01	13.410	2.4	ug/L	213661	3	13.556	2211700	25.0
(DEL) Alkane: S...	13.690	1.3	ug/L	111746	3	13.556	2211700	25.0
(DEL) Alkane: S...	14.025	2.0	ug/L	172195	3	13.556	2211700	25.0
(DEL) Alkane: S...	14.190	1.8	ug/L	155135	3	13.556	2211700	25.0
(DEL) Alkane: S...	14.257	2.9	ug/L	255571	3	13.556	2211700	25.0
Naphthalene, de...	14.379	3.0	ug/L	265896	3	13.556	2211700	25.0
(DEL) Alkane: S...	14.495	4.1	ug/L	362450	3	13.556	2211700	25.0
trans-Decalin, ...	14.544	3.5	ug/L	309760	3	13.556	2211700	25.0
(DEL) Alkane: C...	14.794	2.6	ug/L	233186	3	13.556	2211700	25.0
(DEL) Alkane: S...	14.836	7.0	ug/L	615763	3	13.556	2211700	25.0
(DEL) Alkane: S...	15.324	7.3	ug/L	647399	3	13.556	2211700	25.0
unknown-02	15.391	3.8	ug/L	333616	3	13.556	2211700	25.0
(DEL) Alkane: S...	15.568	2.5	ug/L	222874	3	13.556	2211700	25.0
(DEL) Alkane: S...	15.726	3.8	ug/L	336602	3	13.556	2211700	25.0
(DEL) Alkane: S...	15.860	1.9	ug/L	168291	3	13.556	2211700	25.0
(DEL) Alkane: S...	16.275	6.2	ug/L	547750	3	13.556	2211700	25.0