

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
 Data File : VW026855.D
 Acq On : 24 Aug 2023 14:50
 Operator : SY/MD
 Sample : 04113-03
 Misc : 5.06g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZYH6

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\SFAMWLM081023SMA.M
 Title : SFAM01.0

Signal : TIC: VW026855.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.174	41	47	51	rVB4	6161	10010	0.41%	0.055%
2	2.357	67	77	89	rBV2	84596	232423	9.46%	1.279%
3	2.497	96	100	107	rVB3	8095	17608	0.72%	0.097%
4	2.893	157	165	181	rBV2	62225	193878	7.89%	1.067%
5	3.027	181	187	195	rVB4	8682	23569	0.96%	0.130%
6	3.387	238	246	259	rBV	36037	99995	4.07%	0.550%
7	3.582	272	278	285	rVB3	5205	12998	0.53%	0.072%
8	3.753	299	306	313	rVB7	2097	5734	0.23%	0.032%
9	3.856	313	323	332	rBV4	7108	21113	0.86%	0.116%
10	4.021	338	350	360	rBV2	172057	608068	24.74%	3.347%
11	4.119	360	366	381	rVB2	65462	193654	7.88%	1.066%
12	4.387	398	410	427	rVV	47958	159472	6.49%	0.878%
13	4.923	484	498	500	rBV4	24443	69160	2.81%	0.381%
14	5.435	570	582	591	rVV5	12115	42612	1.73%	0.235%
15	5.783	623	639	651	rBV5	12731	48060	1.96%	0.265%
16	5.941	655	665	678	rVB3	24013	73621	3.00%	0.405%
17	6.228	704	712	717	rBV10	2787	7070	0.29%	0.039%
18	6.283	717	721	732	rVB9	3546	10782	0.44%	0.059%
19	6.892	808	821	827	rBV6	4741	15776	0.64%	0.087%
20	6.990	830	837	843	rVV6	7242	22005	0.90%	0.121%
21	7.075	843	851	859	rVV	85333	243531	9.91%	1.340%
22	7.167	861	866	884	rVV2	30942	97543	3.97%	0.537%
23	7.648	934	945	962	rBV	422614	1063162	43.26%	5.852%
24	7.843	972	977	982	rBV7	2998	6798	0.28%	0.037%
25	7.929	984	991	1000	rVV9	6810	21886	0.89%	0.120%
26	8.032	1002	1008	1017	rVB7	6851	20053	0.82%	0.110%
27	8.154	1020	1028	1036	rBV2	12769	28519	1.16%	0.157%
28	8.276	1037	1048	1064	rBV2	822453	2457751	100.00%	13.528%
29	8.423	1067	1072	1081	rVB5	5323	14380	0.59%	0.079%
30	8.520	1081	1088	1090	rBV6	3754	8172	0.33%	0.045%
31	8.697	1108	1117	1129	rVB2	18625	46074	1.87%	0.254%
32	8.843	1131	1141	1153	rBV	839507	1716758	69.85%	9.449%
33	8.990	1163	1165	1170	rVB5	3776	6343	0.26%	0.035%
34	9.093	1170	1182	1194	rVB6	28052	76896	3.13%	0.423%
35	9.270	1202	1211	1227	rBV	578224	1227949	49.96%	6.759%
36	9.410	1228	1234	1244	rVB5	6630	19345	0.79%	0.106%

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 Title : SFAM01.0

37	9.520	1244	1252	1257	rVB5	7017	14434	0.59%	0.079%
38	9.611	1257	1267	1272	rBV10	3015	8728	0.36%	0.048%
39	9.691	1272	1280	1284	rBV7	5681	14666	0.60%	0.081%
40	9.752	1284	1290	1296	rVB6	6791	11518	0.47%	0.063%
41	9.953	1318	1323	1327	rBV6	7390	11538	0.47%	0.064%
42	10.032	1329	1336	1343	rBV	249268	448088	18.23%	2.466%
43	10.087	1343	1345	1351	rVB6	5713	8810	0.36%	0.048%
44	10.325	1375	1384	1391	rBV	1000742	1806472	73.50%	9.943%
45	10.502	1406	1413	1419	rVB4	17274	35995	1.46%	0.198%
46	10.575	1419	1425	1437	rBV	158021	286007	11.64%	1.574%
47	10.697	1442	1445	1449	rVB4	4860	6023	0.25%	0.033%
48	10.745	1449	1453	1463	rVB10	5408	15429	0.63%	0.085%
49	10.843	1465	1469	1474	rVB6	3214	5607	0.23%	0.031%
50	10.922	1475	1482	1492	rBV	210554	376328	15.31%	2.071%
51	11.069	1501	1506	1511	rBV4	11487	19622	0.80%	0.108%
52	11.221	1527	1531	1536	rVB4	11021	16634	0.68%	0.092%
53	11.282	1538	1541	1546	rVB7	4131	6355	0.26%	0.035%
54	11.507	1573	1578	1583	rBV4	7485	14319	0.58%	0.079%
55	11.629	1591	1598	1609	rBV	1057999	1764073	71.78%	9.710%
56	11.727	1609	1614	1619	rBV	18002	31134	1.27%	0.171%
57	11.837	1625	1632	1638	rBV2	28135	62355	2.54%	0.343%
58	11.971	1649	1654	1658	rBV8	3627	6578	0.27%	0.036%
59	12.044	1660	1666	1671	rVB6	4555	8045	0.33%	0.044%
60	12.129	1674	1680	1682	rBV4	7937	14692	0.60%	0.081%
61	12.166	1682	1686	1689	rVV2	11595	22190	0.90%	0.122%
62	12.239	1693	1698	1703	rVB8	5663	13866	0.56%	0.076%
63	12.337	1709	1714	1717	rBV6	16292	33253	1.35%	0.183%
64	12.458	1725	1734	1739	rBV9	11483	34467	1.40%	0.190%
65	12.526	1739	1745	1748	rVV7	5734	11328	0.46%	0.062%
66	12.562	1748	1751	1753	rVV4	4038	6159	0.25%	0.034%
67	12.605	1753	1758	1763	rVB7	12403	27291	1.11%	0.150%
68	12.690	1765	1772	1779	rBV	472618	784867	31.93%	4.320%
69	12.776	1779	1786	1793	rVB4	47796	97200	3.95%	0.535%
70	12.867	1795	1801	1805	rBV9	11303	26513	1.08%	0.146%
71	12.940	1807	1813	1822	rVB7	22276	61406	2.50%	0.338%
72	13.032	1824	1828	1830	rBV5	4796	7511	0.31%	0.041%
73	13.080	1832	1836	1841	rVB6	10408	17668	0.72%	0.097%
74	13.190	1845	1854	1859	rBV7	16654	44474	1.81%	0.245%
75	13.251	1860	1864	1868	rBV3	14993	25131	1.02%	0.138%
76	13.294	1868	1871	1880	rVB9	12664	27200	1.11%	0.150%

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 Title : SFAM01.0

77	13.385	1881	1886	1898	rBV10	15273	56877	2.31%	0.313%
78	13.556	1907	1914	1922	rBV	772140	1216237	49.49%	6.694%
79	13.690	1933	1936	1941	rVB4	17680	27572	1.12%	0.152%
80	13.751	1943	1946	1951	rBV5	8920	13991	0.57%	0.077%
81	13.848	1956	1962	1973	rVB	644245	1091085	44.39%	6.005%
82	14.007	1984	1988	1993	rBV4	17732	26221	1.07%	0.144%
83	14.062	1994	1997	1999	rBV3	7603	11630	0.47%	0.064%
84	14.196	2015	2019	2025	rVB7	13453	26555	1.08%	0.146%
85	14.263	2025	2030	2036	rBV5	23176	46079	1.87%	0.254%
86	14.336	2036	2042	2046	rBV2	34791	66404	2.70%	0.365%
87	14.379	2046	2049	2051	rVV2	18254	24997	1.02%	0.138%
88	14.415	2052	2055	2059	rVB2	22700	32791	1.33%	0.180%
89	14.495	2065	2068	2069	rBV3	9367	9573	0.39%	0.053%
90	14.543	2072	2076	2083	rVB5	21251	58511	2.38%	0.322%
91	14.696	2097	2101	2103	rBV4	12370	19960	0.81%	0.110%
92	14.806	2112	2119	2123	rBV4	22466	62606	2.55%	0.345%
93	14.995	2148	2150	2154	rVB5	10591	12912	0.53%	0.071%
94	15.049	2157	2159	2163	rVV5	10800	14319	0.58%	0.079%
95	15.104	2164	2168	2169	rVV3	18126	25914	1.05%	0.143%
96	15.165	2173	2178	2186	rVB3	35893	77079	3.14%	0.424%
97	15.318	2200	2203	2207	rVB5	11363	14622	0.59%	0.080%
98	15.488	2226	2231	2238	rBV9	11508	28003	1.14%	0.154%
99	15.726	2266	2270	2277	rBV10	12950	28957	1.18%	0.159%
100	16.628	2411	2418	2421	rBV9	7695	18672	0.76%	0.103%

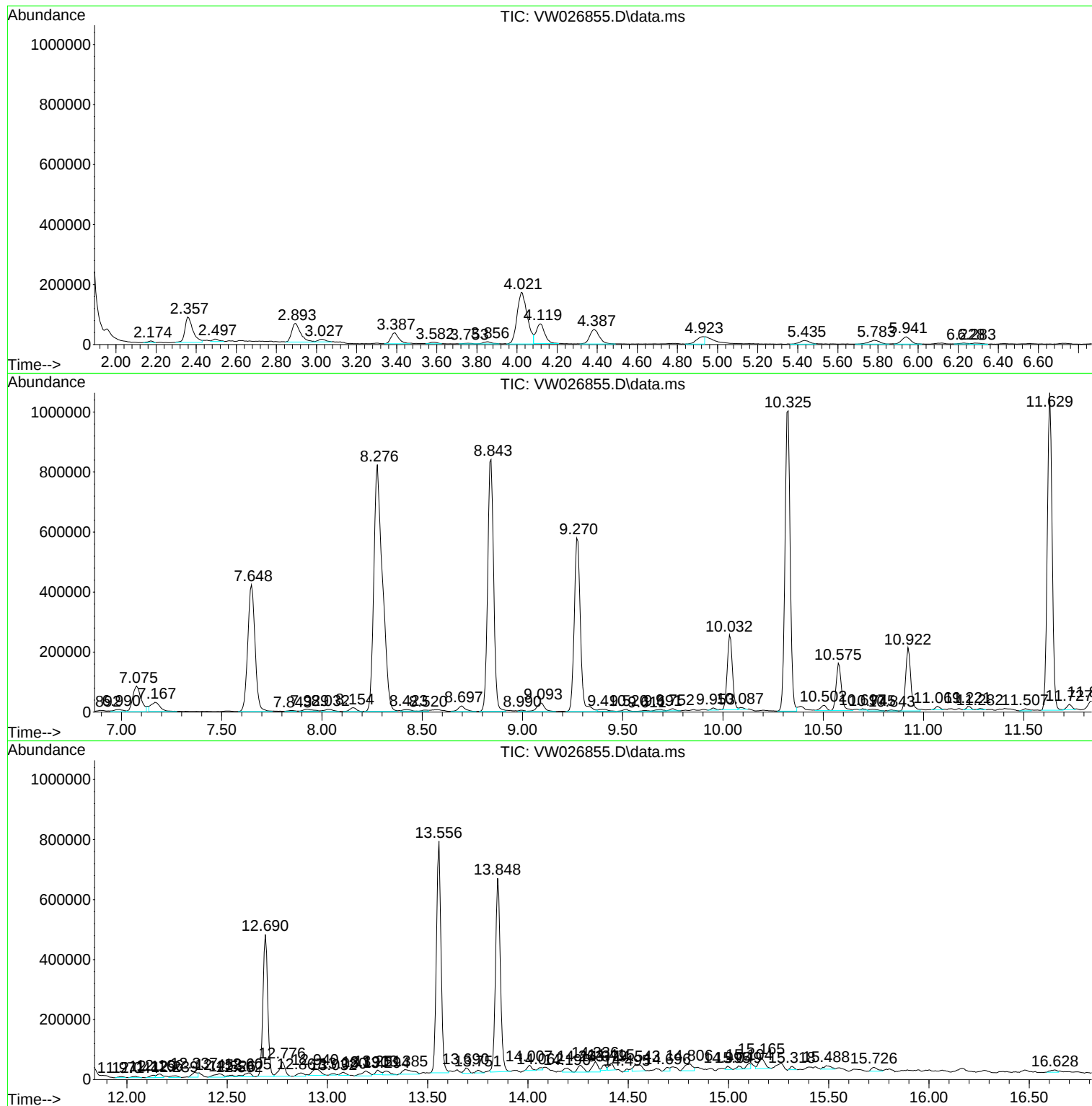
Sum of corrected areas: 18168309

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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



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Instrument :
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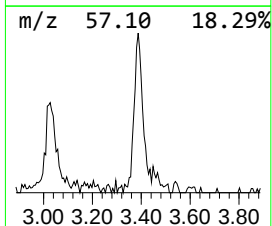
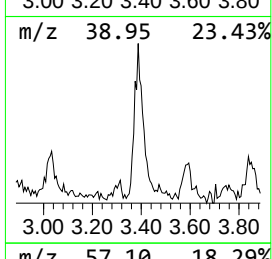
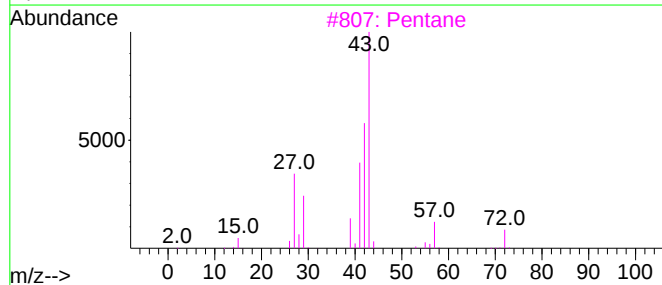
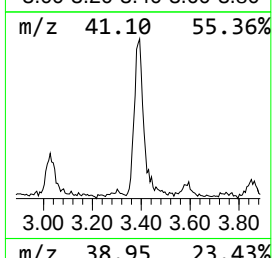
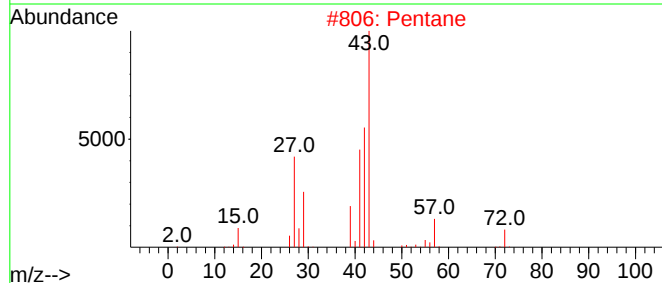
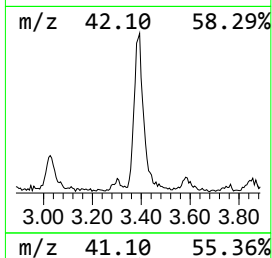
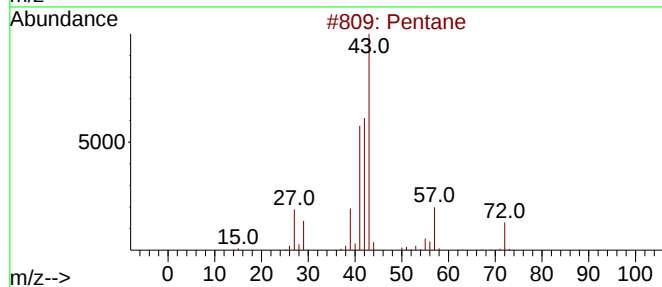
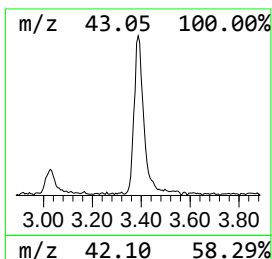
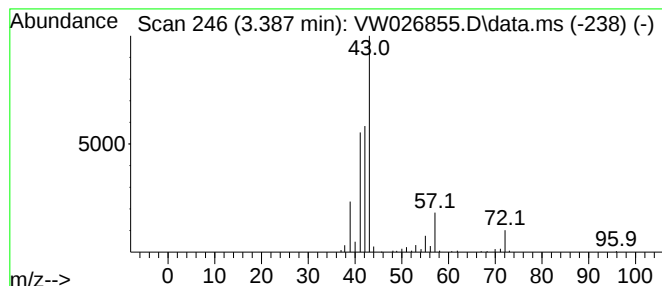
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.387	1.46 ug/L	99995	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane		72	C5H12	000109-66-0	86
2	Pentane		72	C5H12	000109-66-0	86
3	Pentane		72	C5H12	000109-66-0	86
4	Pentane		72	C5H12	000109-66-0	64
5	Butane, 2-methyl-		72	C5H12	000078-78-4	53



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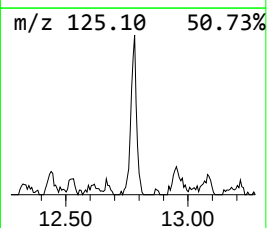
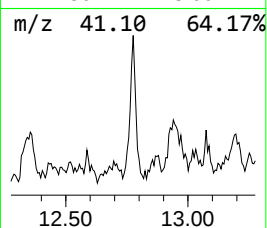
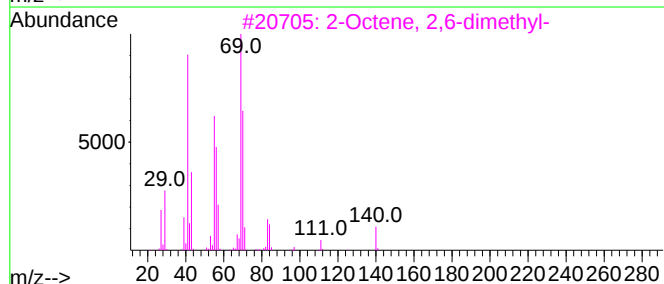
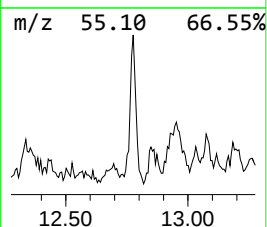
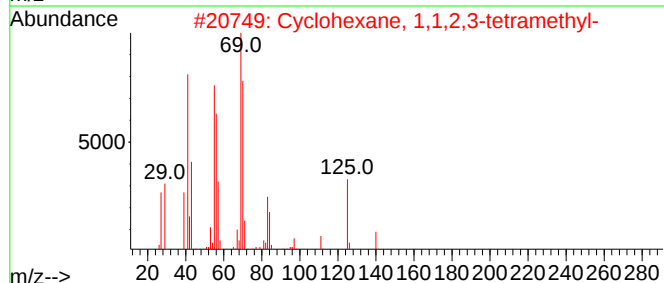
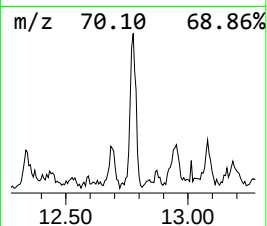
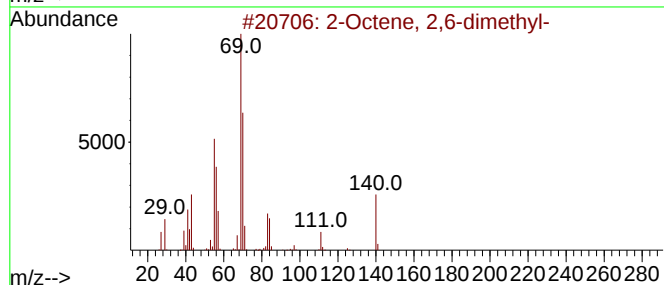
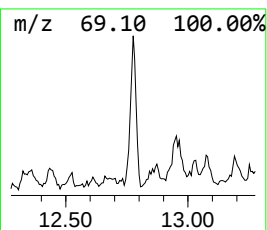
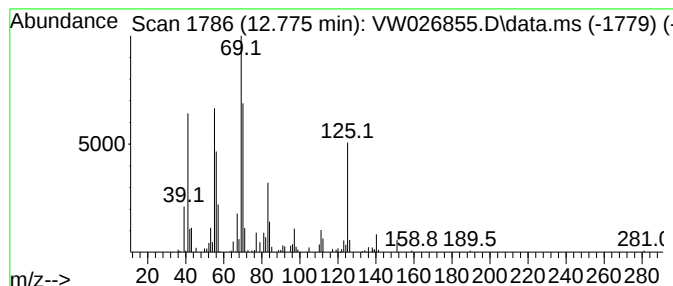
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Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	2.00 ug/L	97200	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	93
2	Cyclohexane, 1,1,2,3-tetramethyl-			140	C10H20	006783-92-2	87
3	2-Octene, 2,6-dimethyl-			140	C10H20	004057-42-5	76
4	3-Octene, 2,6-dimethyl-			140	C10H20	006874-28-8	68
5	2-Nonene, 2-methyl-			140	C10H20	002129-95-5	49



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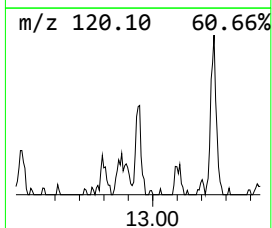
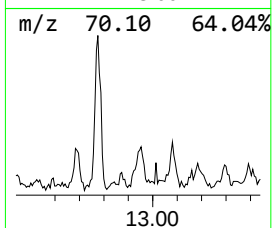
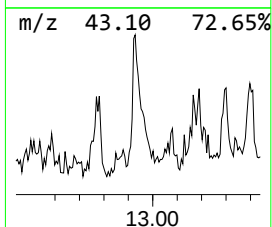
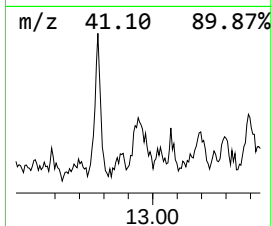
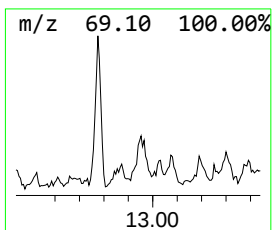
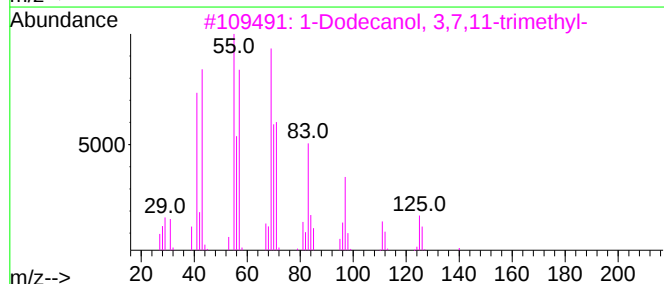
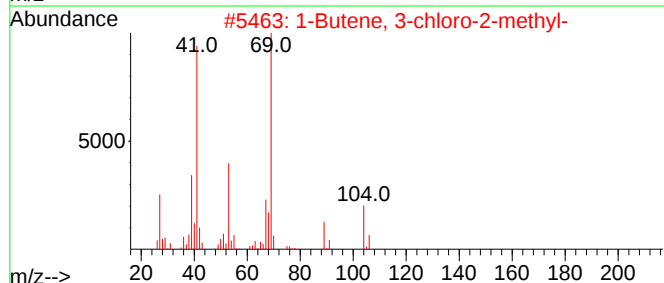
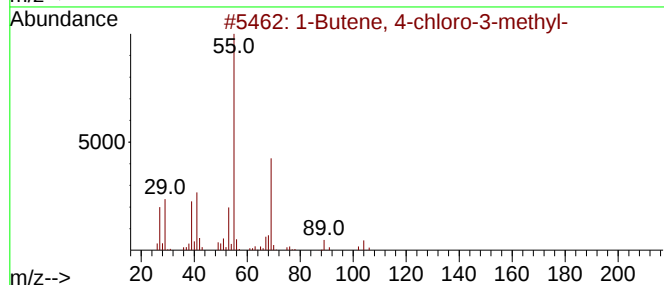
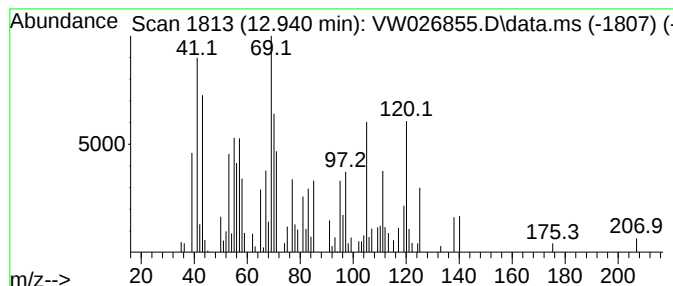
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.940	1.26 ug/L	61406	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Butene, 4-chloro-3-methyl-	104	C5H9Cl	010524-01-3	43
2			1-Butene, 3-chloro-2-methyl-	104	C5H9Cl	005166-35-8	43
3			1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	27
4			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	22
5			Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026855.D
Acq On : 24 Aug 2023 14:50
Operator : SY/MD
Sample : 04113-03
Misc : 5.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH6

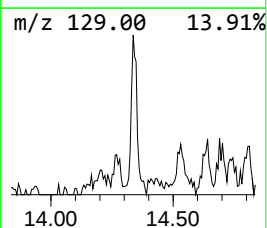
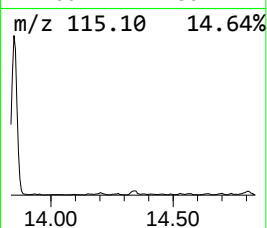
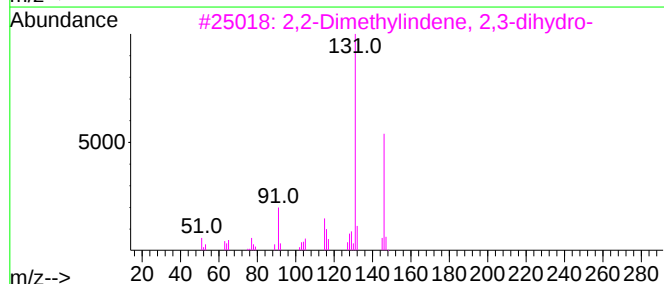
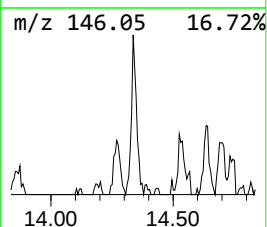
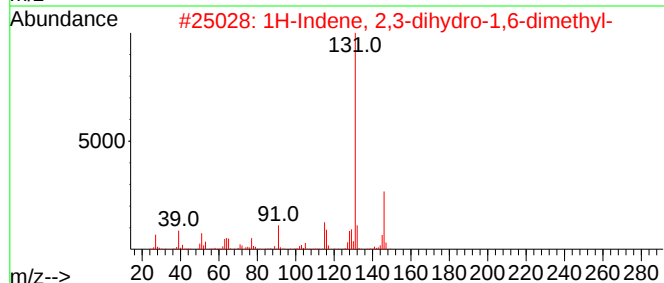
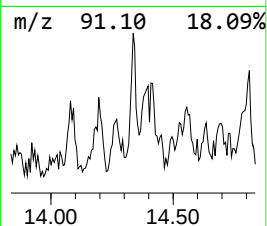
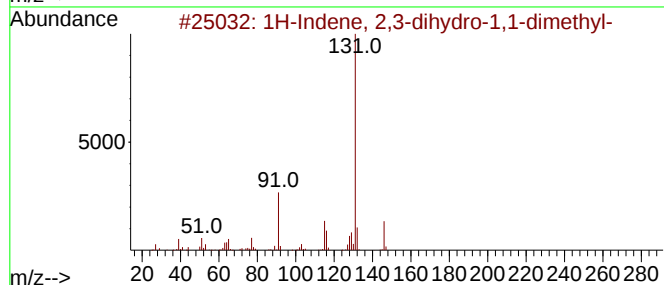
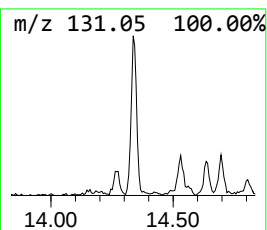
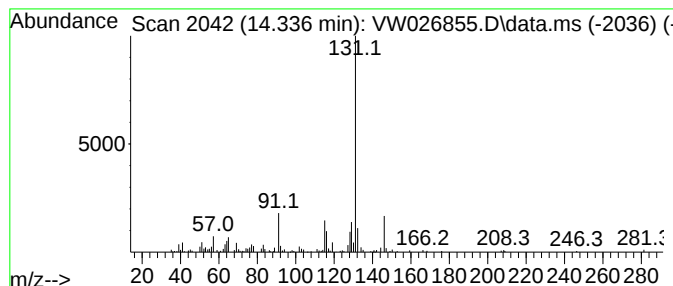
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Quant Title : SFAM01.0

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

Peak Number 5 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.336	1.36 ug/L	66404	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	94
2			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
3			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
4			Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	90
5			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026855.D
Acq On : 24 Aug 2023 14:50
Operator : SY/MD
Sample : 04113-03
Misc : 5.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

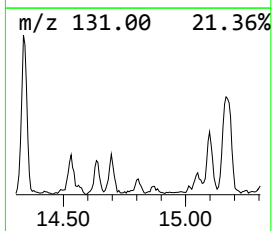
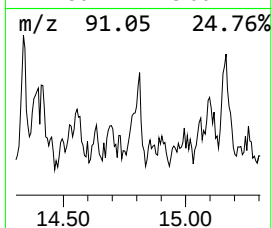
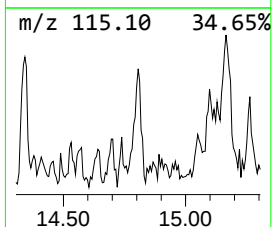
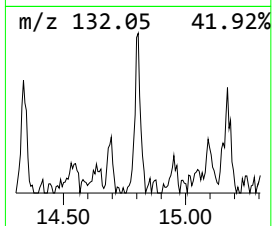
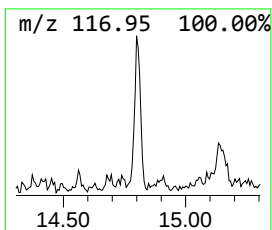
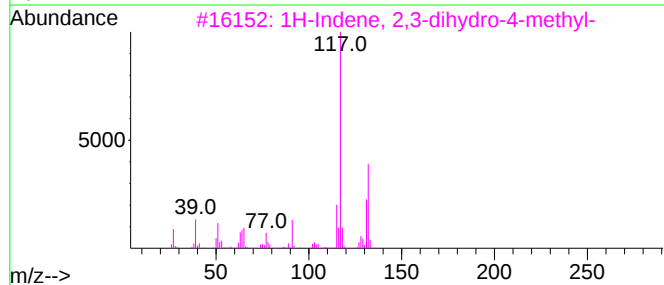
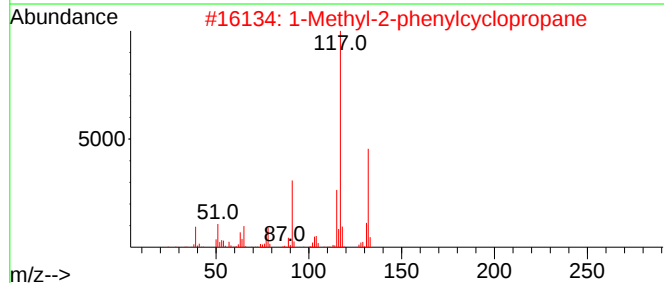
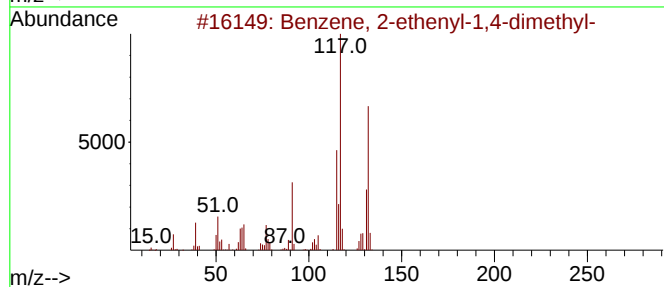
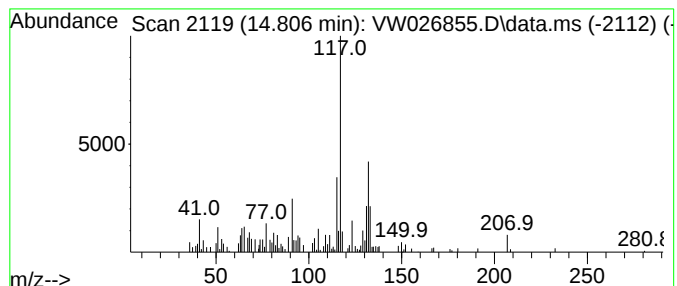
Instrument :
MSVOA_W
ClientSampleId :
EZYH6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.806	1.29 ug/L	62606	1,4-Dichlorobenzene-d4		13.556	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-		132	C10H12	002039-89-6	90
2	1-Methyl-2-phenylcyclopropane		132	C10H12	003145-76-4	81
3	1H-Indene, 2,3-dihydro-4-methyl-		132	C10H12	000824-22-6	81
4	1-Phenyl-1-butene		132	C10H12	000824-90-8	81
5	Benzene, (1-methyl-1-propenyl)-,...		132	C10H12	000767-99-7	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026855.D
Acq On : 24 Aug 2023 14:50
Operator : SY/MD
Sample : 04113-03
Misc : 5.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH6

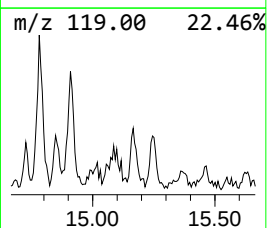
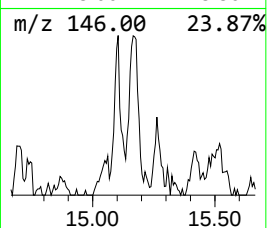
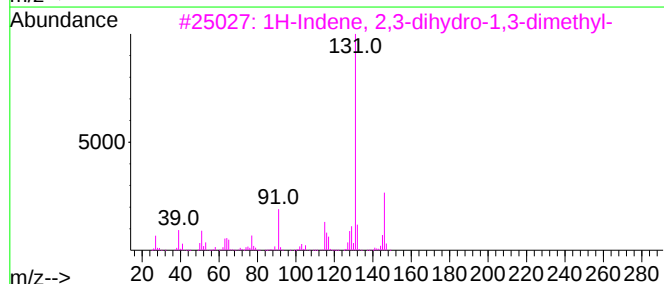
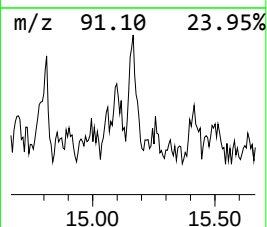
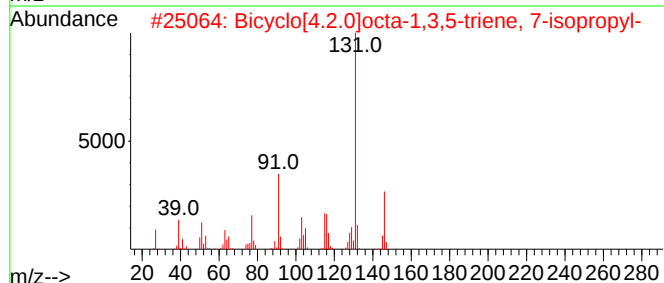
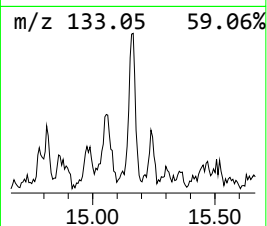
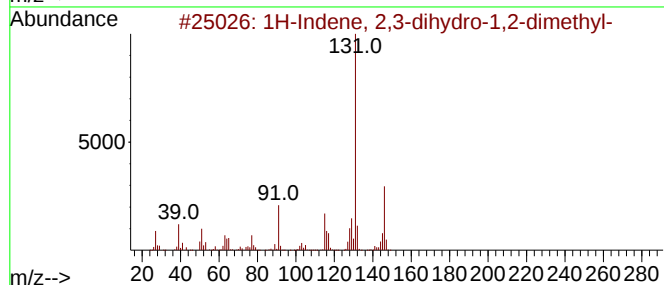
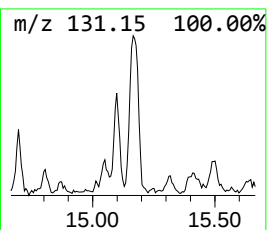
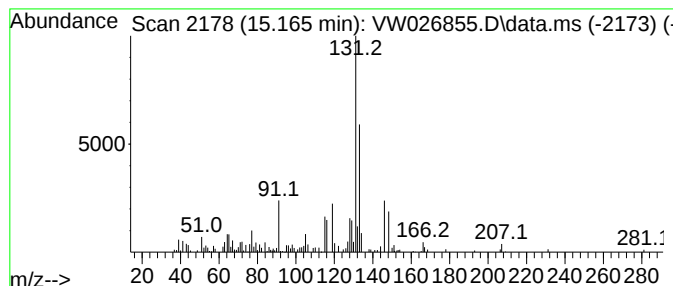
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Quant Title : SFAM01.0

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

Peak Number 7 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.165	1.58 ug/L	77079	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
2			Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	64
3			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64
4			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
5			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082423\
Data File : VW026855.D
Acq On : 24 Aug 2023 14:50
Operator : SY/MD
Sample : 04113-03
Misc : 5.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EZYH6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.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...	3.387	1.5	ug/L	99995	1	8.843	1716760	25.0
(DEL) Alkane: S...	12.775	2.0	ug/L	97200	3	13.556	1216240	25.0
unknown-01	12.940	1.3	ug/L	61406	3	13.556	1216240	25.0
1H-Indene, 2,3-...	14.336	1.4	ug/L	66404	3	13.556	1216240	25.0
Benzene, 2-ethe...	14.806	1.3	ug/L	62606	3	13.556	1216240	25.0
1H-Indene, 2,3-...	15.165	1.6	ug/L	77079	3	13.556	1216240	25.0