

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
 Data File : VW026895.D
 Acq On : 25 Aug 2023 15:06
 Operator : SY/MD
 Sample : VIBLK492
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK492

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: VW026895.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	40	42	43	rBV2	2751	2759	0.10%	0.011%
2	2.180	43	48	49	rVV4	2518	4177	0.15%	0.017%
3	2.222	49	55	57	rBV7	7858	16790	0.59%	0.069%
4	2.369	72	79	91	rBV	94742	289387	10.24%	1.193%
5	2.899	158	166	183	rBV	92628	287035	10.16%	1.184%
6	3.265	224	226	229	rVB4	1565	1799	0.06%	0.007%
7	3.387	240	246	252	rVB8	4101	10027	0.35%	0.041%
8	3.545	270	272	273	rBV2	2450	1797	0.06%	0.007%
9	3.557	273	274	278	rVV4	2117	2294	0.08%	0.009%
10	3.594	278	280	283	rVV4	1795	1937	0.07%	0.008%
11	3.722	298	301	304	rVB5	1622	2260	0.08%	0.009%
12	3.783	309	311	318	rVB8	1440	2243	0.08%	0.009%
13	4.027	339	351	375	rBV	212976	830993	29.42%	3.426%
14	4.277	390	392	396	rVB5	1767	2462	0.09%	0.010%
15	4.380	407	409	411	rVV3	3387	4306	0.15%	0.018%
16	4.399	411	412	415	rVV3	4292	4267	0.15%	0.018%
17	4.539	432	435	440	rVB6	1091	2007	0.07%	0.008%
18	4.923	486	498	517	rBV3	46024	215638	7.63%	0.889%
19	5.051	517	519	522	rVV4	2569	3535	0.13%	0.015%
20	5.082	522	524	526	rVV3	2090	2540	0.09%	0.010%
21	5.124	526	531	532	rVV5	2925	5234	0.19%	0.022%
22	5.142	532	534	538	rVV5	2666	4797	0.17%	0.020%
23	5.173	538	539	543	rVB4	2750	2895	0.10%	0.012%
24	5.435	580	582	586	rVB5	1398	1485	0.05%	0.006%
25	5.520	592	596	599	rBV6	1472	2289	0.08%	0.009%
26	5.563	599	603	604	rBV4	1400	1720	0.06%	0.007%
27	5.618	610	612	615	rBV4	1358	1770	0.06%	0.007%
28	5.758	630	635	639	rVV8	3548	7343	0.26%	0.030%
29	5.819	644	645	650	rVB5	2019	1898	0.07%	0.008%
30	5.935	657	664	676	rVB4	19570	62852	2.23%	0.259%
31	6.069	682	686	690	rVB7	1195	1633	0.06%	0.007%
32	6.124	690	695	696	rBV5	1123	1400	0.05%	0.006%
33	6.197	705	707	708	rBV2	2415	1808	0.06%	0.007%
34	6.331	727	729	732	rVB4	1724	1644	0.06%	0.007%
35	6.380	732	737	738	rBV5	1886	2278	0.08%	0.009%
36	6.423	742	744	748	rVB5	1339	1738	0.06%	0.007%

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 Title : SFAM01.0

37	6.569	766	768	771	rVB4	2404	2046	0.07%	0.008%
38	6.618	771	776	777	rBV5	1818	2278	0.08%	0.009%
39	6.849	813	814	817	rVB3	1661	1425	0.05%	0.006%
40	6.904	820	823	824	rBV3	1450	1684	0.06%	0.007%
41	7.081	844	852	856	rVV	81222	219280	7.76%	0.904%
42	7.142	856	862	875	rVB	107576	304443	10.78%	1.255%
43	7.319	889	891	892	rVV2	2134	1735	0.06%	0.007%
44	7.368	898	899	901	rBV2	1490	1479	0.05%	0.006%
45	7.459	912	914	916	rVB3	2456	2077	0.07%	0.009%
46	7.484	916	918	921	rBV4	1776	2583	0.09%	0.011%
47	7.508	921	922	924	rVB2	2160	1477	0.05%	0.006%
48	7.545	924	928	929	rBV3	3338	4407	0.16%	0.018%
49	7.648	934	945	958	rBV	458780	1109906	39.29%	4.577%
50	7.782	964	967	970	rBV5	1236	1675	0.06%	0.007%
51	7.874	981	982	985	rBV3	1467	2022	0.07%	0.008%
52	8.063	1009	1013	1015	rVV5	1284	1721	0.06%	0.007%
53	8.087	1015	1017	1020	rVB4	1514	1527	0.05%	0.006%
54	8.142	1024	1026	1029	rBV4	1968	2633	0.09%	0.011%
55	8.276	1035	1048	1064	rBV2	963273	2824771	100.00%	11.648%
56	8.624	1102	1105	1107	rBV4	2335	2385	0.08%	0.010%
57	8.642	1107	1108	1112	rVV4	1319	1632	0.06%	0.007%
58	8.685	1113	1115	1117	rVB3	1630	1515	0.05%	0.006%
59	8.764	1124	1128	1130	rVB5	1695	1956	0.07%	0.008%
60	8.843	1132	1141	1153	rBV	798627	1562915	55.33%	6.444%
61	9.050	1173	1175	1176	rBV2	2433	2340	0.08%	0.010%
62	9.276	1203	1212	1222	rBV	635397	1312249	46.46%	5.411%
63	9.721	1283	1285	1286	rBV2	2262	1853	0.07%	0.008%
64	9.831	1301	1303	1306	rBV4	2773	3283	0.12%	0.014%
65	10.032	1329	1336	1347	rBV	333136	603677	21.37%	2.489%
66	10.324	1376	1384	1392	rBV	1250752	2238557	79.25%	9.230%
67	10.574	1419	1425	1434	rBV	209108	366514	12.97%	1.511%
68	10.702	1440	1446	1454	rVB	141592	250749	8.88%	1.034%
69	10.922	1477	1482	1491	rBV	231065	422511	14.96%	1.742%
70	11.062	1500	1505	1511	rVB	66735	106680	3.78%	0.440%
71	11.434	1562	1566	1572	rVB2	30153	53163	1.88%	0.219%
72	11.629	1591	1598	1609	rVB	1209630	2013443	71.28%	8.302%
73	12.605	1752	1758	1766	rVB2	150583	305104	10.80%	1.258%
74	12.690	1766	1772	1778	rVB	500104	801197	28.36%	3.304%
75	13.068	1832	1834	1838	rVB5	11024	13952	0.49%	0.058%
76	13.159	1847	1849	1855	rVB6	12872	19006	0.67%	0.078%

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 Title : SFAM01.0

77	13.287	1867	1870	1874	rVB3	21727	27720	0.98%	0.114%
78	13.556	1907	1914	1921	rVB	1327677	2160554	76.49%	8.909%
79	13.690	1932	1936	1941	rBV7	22611	46640	1.65%	0.192%
80	13.848	1956	1962	1972	rBV	1133633	1935298	68.51%	7.980%
81	14.019	1986	1990	1992	rBV3	16744	27779	0.98%	0.115%
82	14.062	1993	1997	2004	rVB4	57173	113920	4.03%	0.470%
83	14.196	2015	2019	2024	rBV7	17211	31354	1.11%	0.129%
84	14.257	2026	2029	2035	rVB5	26477	41374	1.46%	0.171%
85	14.318	2035	2039	2043	rBV6	23695	42800	1.52%	0.176%
86	14.379	2044	2049	2053	rBV2	99269	158132	5.60%	0.652%
87	14.543	2070	2076	2081	rBV5	97837	187363	6.63%	0.773%
88	14.793	2113	2117	2119	rBV5	41231	67302	2.38%	0.278%
89	14.842	2120	2125	2131	rVB4	143158	317170	11.23%	1.308%
90	14.964	2142	2145	2148	rBV4	33592	45195	1.60%	0.186%
91	15.055	2156	2160	2164	rVB4	71049	116605	4.13%	0.481%
92	15.165	2173	2178	2184	rBV3	97818	210421	7.45%	0.868%
93	15.317	2198	2203	2210	rBV	303432	468781	16.60%	1.933%
94	15.397	2211	2216	2218	rBV4	58016	112068	3.97%	0.462%
95	15.561	2238	2243	2250	rVB7	56649	146660	5.19%	0.605%
96	15.653	2250	2258	2263	rBV10	70528	236627	8.38%	0.976%
97	15.720	2265	2269	2274	rBV3	121603	212297	7.52%	0.875%
98	16.153	2335	2340	2345	rBV7	97832	218101	7.72%	0.899%
99	16.275	2355	2360	2368	rVB	464056	833898	29.52%	3.438%
100	16.531	2398	2402	2406	rVB	78475	129168	4.57%	0.533%

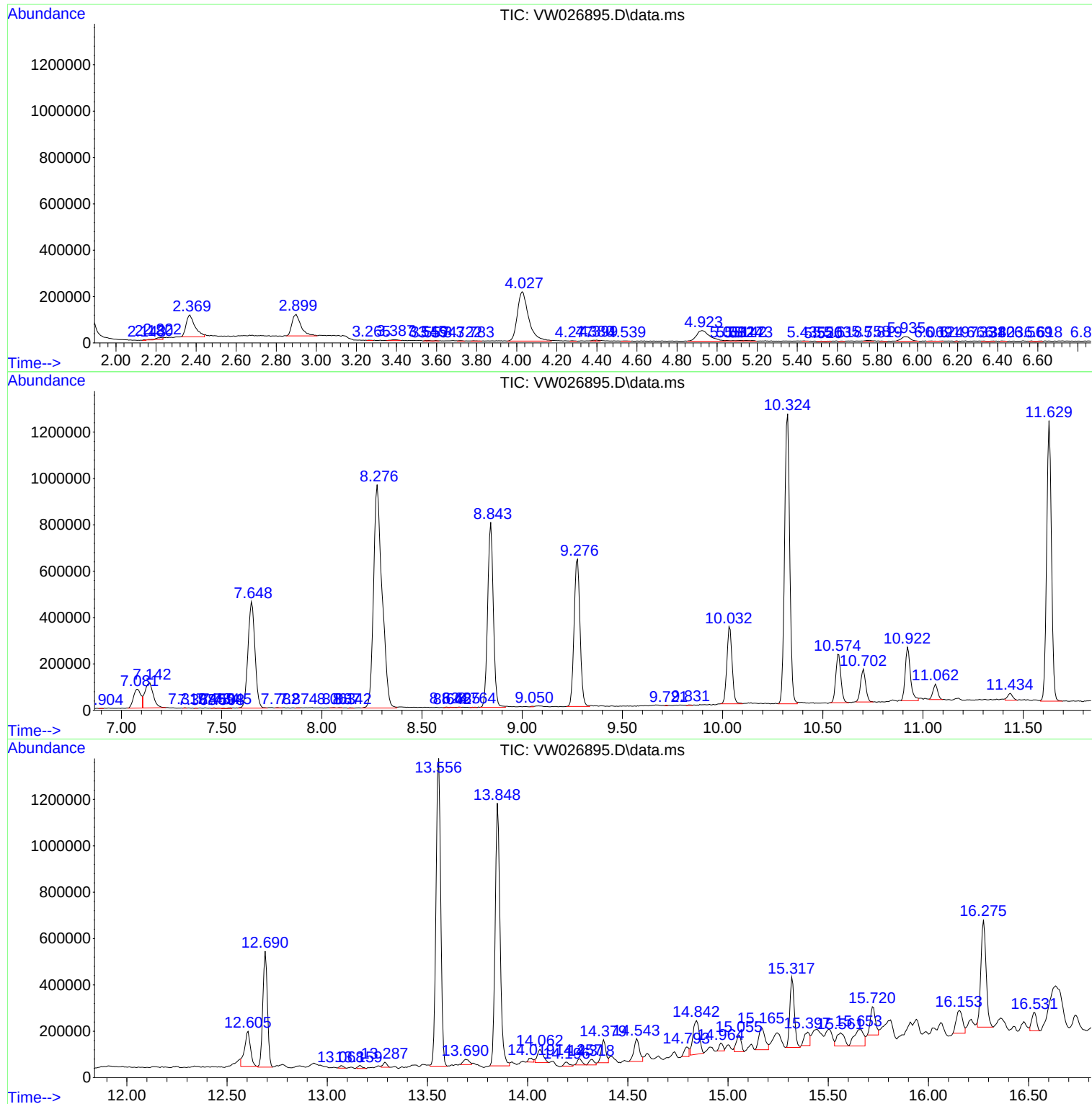
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Instrument :
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VIBLK492

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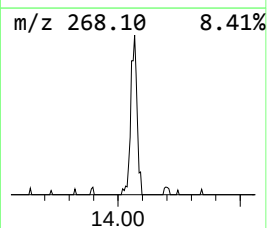
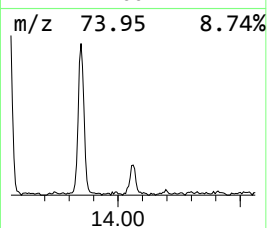
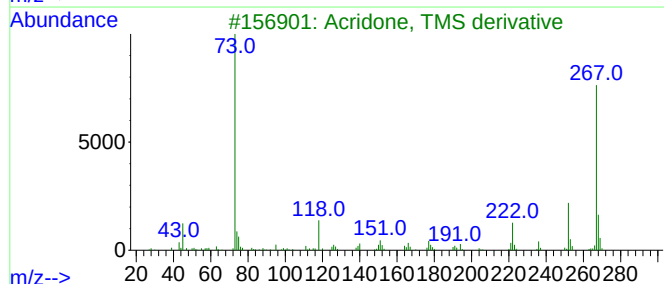
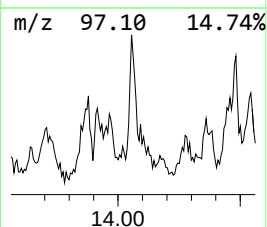
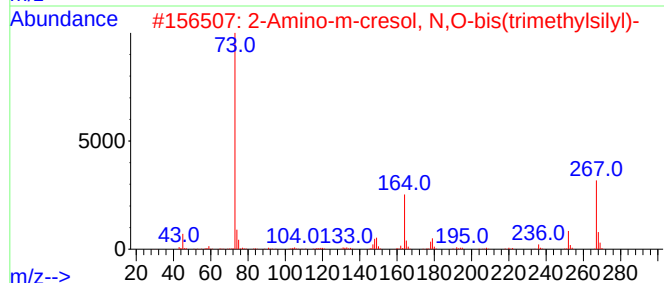
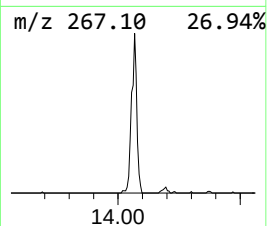
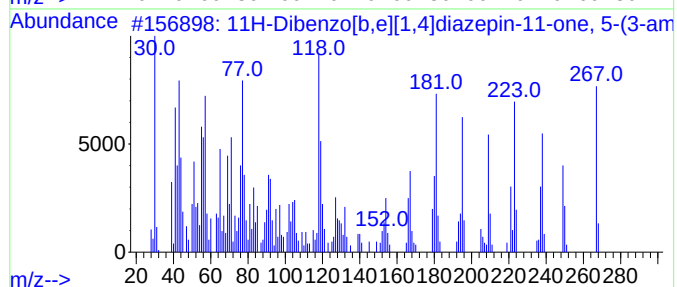
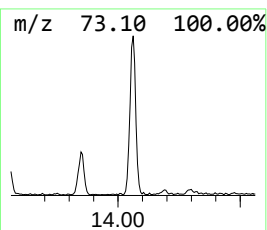
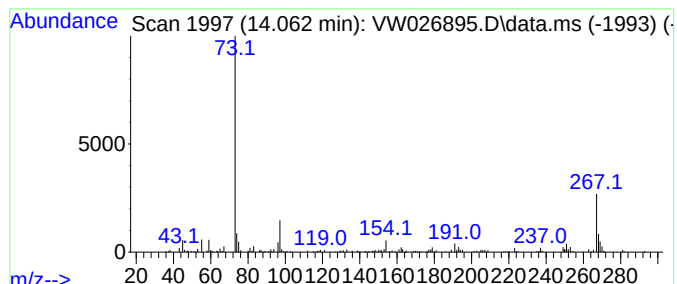
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

Peak Number 6 11H-Dibenzo[b,e][1,4]diazep... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.062	1.32 ug/L	113920	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Dibenzo[b,e][1,4]diazepin-11...	267	C16H17N3O	013450-73-2	60
2			2-Amino-m-cresol, N,O-bis(trimet...	267	C13H25NOSi2	1000449-77-1	50
3			Acridone, TMS derivative	267	C16H17NOSi	1000478-16-0	47
4			Benzeneethanamine, N-methyl-.bet...	311	C15H29N02Si2	029522-18-7	47
5			Benzeneethanamine, N-[(pentaflu...	475	C21H26F5N02Si2	055429-85-1	42



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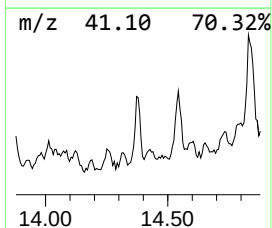
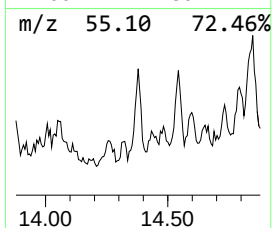
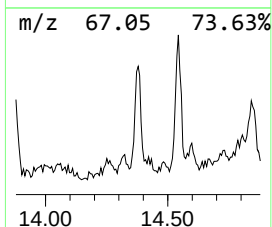
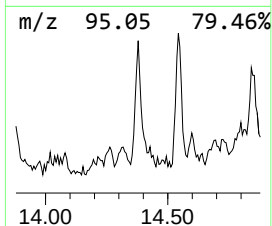
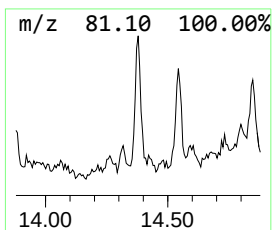
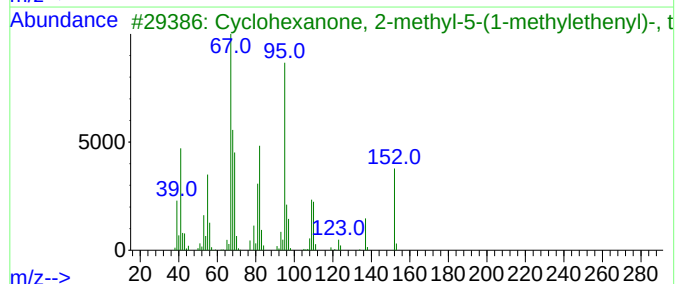
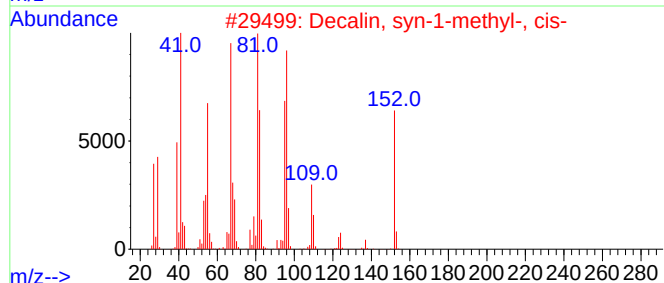
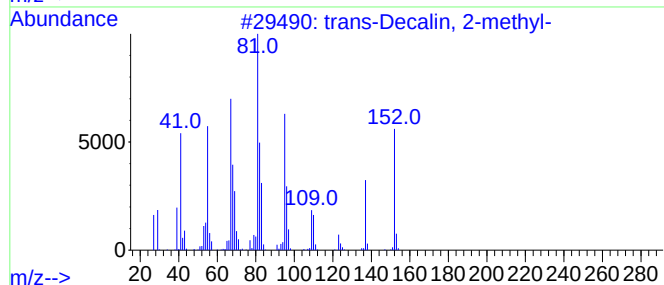
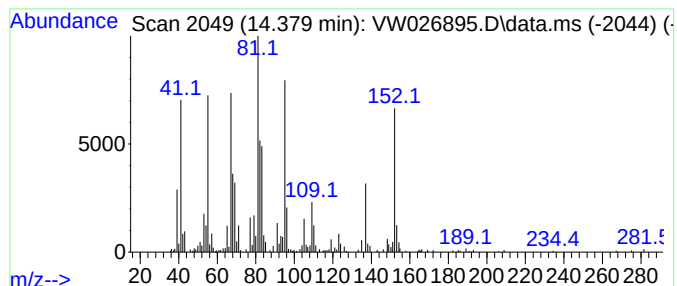
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0

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

Peak Number 7 trans-Decalin, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	1.83 ug/L	158132	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	93
2			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	74
3			Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	64
4			Pulegone	152	C10H16O	000089-82-7	60
5			Cyclopropane, 1-(1-methylethyl)-...	152	C11H20	056259-17-7	58



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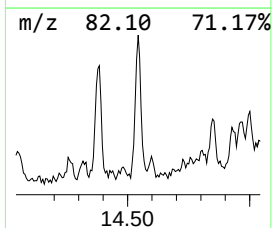
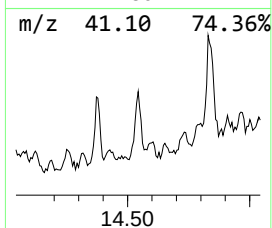
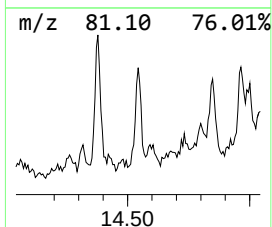
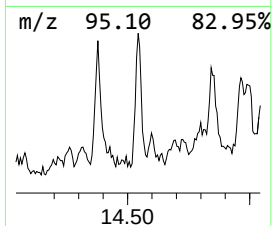
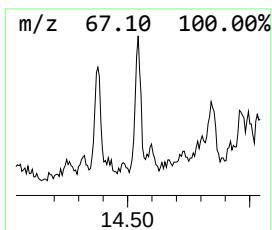
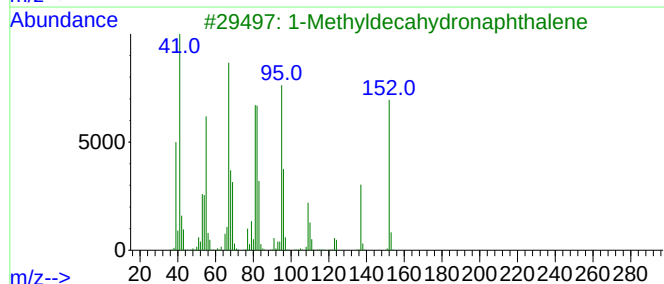
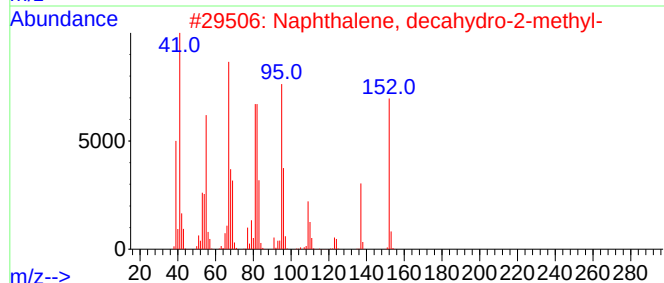
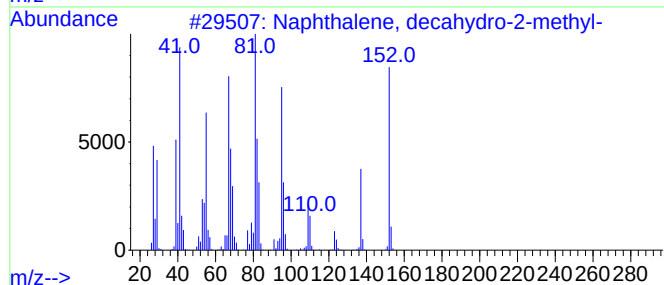
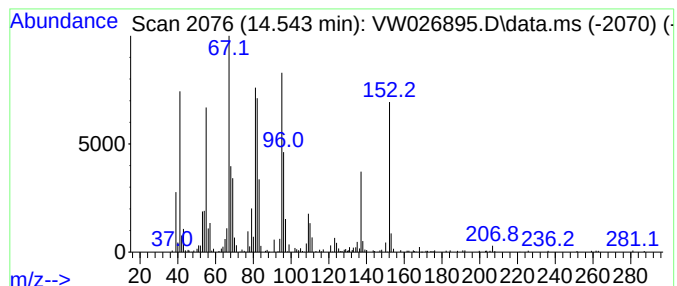
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Quant Title : SFAM01.0

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

Peak Number 8 Naphthalene, decahydro-2-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.543	2.17 ug/L	187363	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	96
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
3			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	90
4			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
5			Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026895.D
Acq On : 25 Aug 2023 15:06
Operator : SY/MD
Sample : VIBLK492
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK492

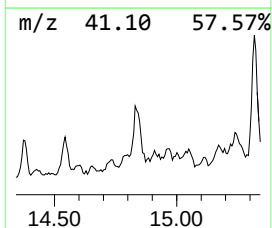
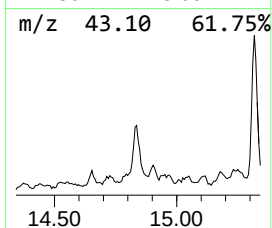
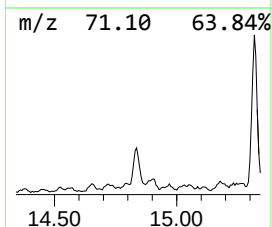
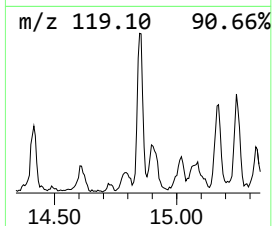
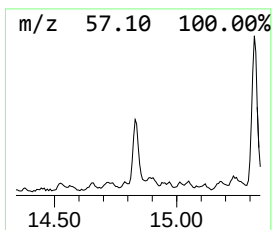
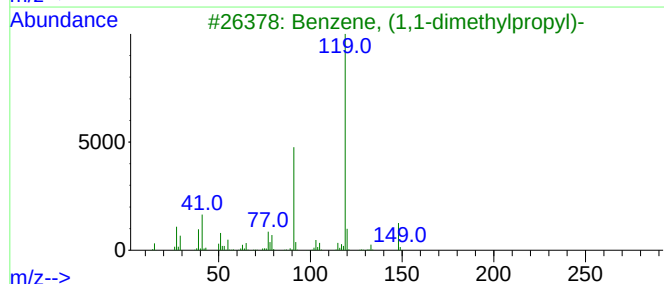
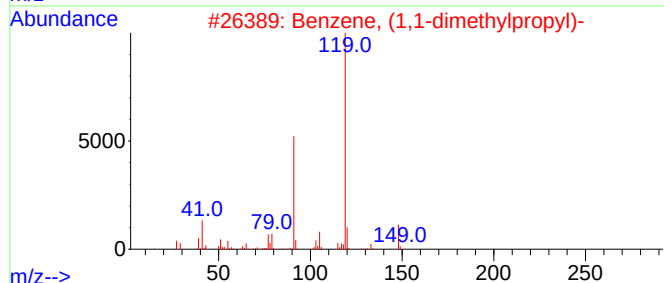
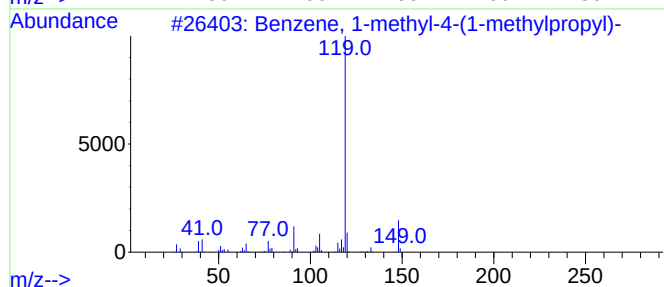
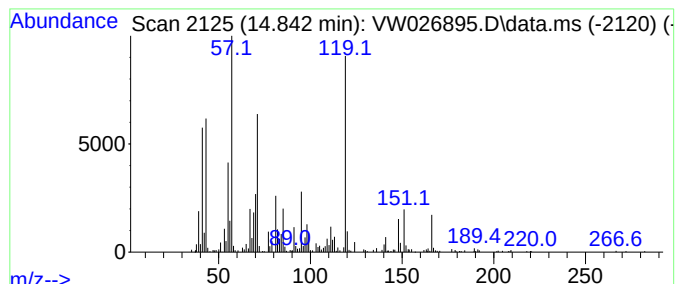
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Quant Title : SFAM01.0

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

Peak Number 9 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.842	3.67 ug/L	317170	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	30
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	30
3			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	30
4			Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	27
5			Pyridine, 2,5-dimethyl-4-(2,4-di...	225	C16H19N	061171-07-1	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026895.D
Acq On : 25 Aug 2023 15:06
Operator : SY/MD
Sample : VIBLK492
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK492

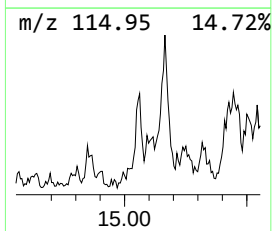
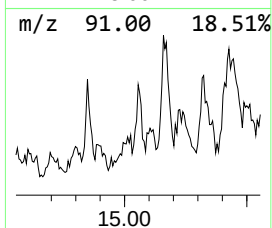
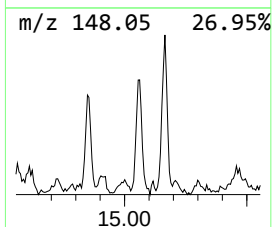
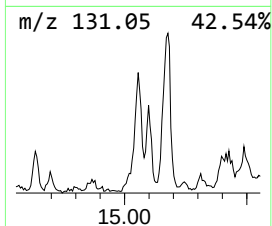
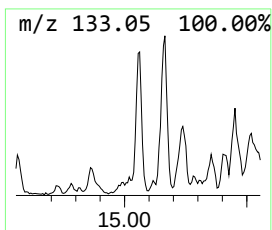
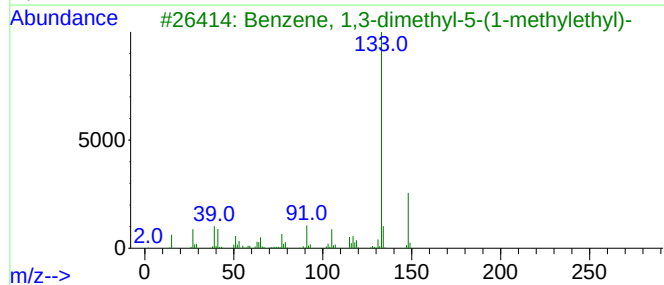
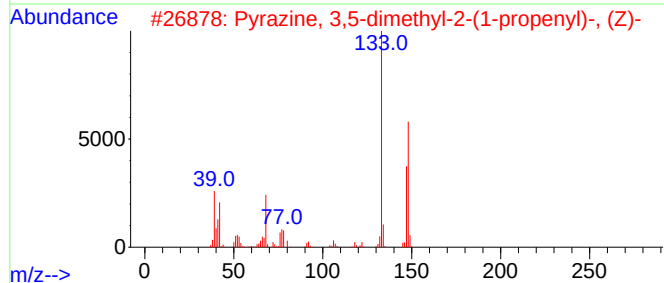
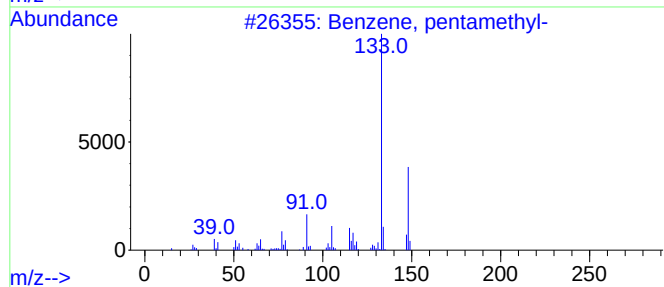
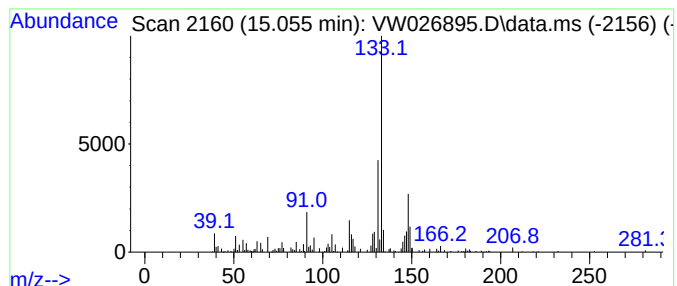
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Quant Title : SFAM01.0

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

Peak Number 10 Benzene, pentamethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.055	1.35 ug/L	116605	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, pentamethyl-	148	C11H16	000700-12-9	52
2			Pyrazine, 3,5-dimethyl-2-(1-prop...	148	C9H12N2	055138-74-4	49
3			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	47
4			2-tert-Butyltoluene	148	C11H16	001074-92-6	46
5			Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026895.D
Acq On : 25 Aug 2023 15:06
Operator : SY/MD
Sample : VIBLK492
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK492

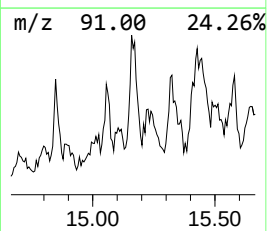
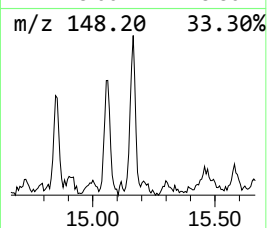
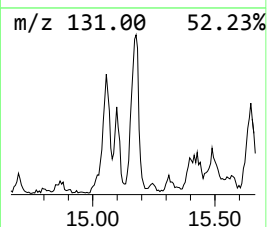
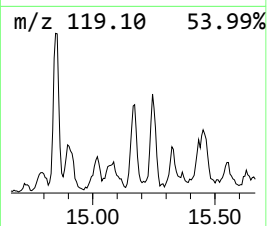
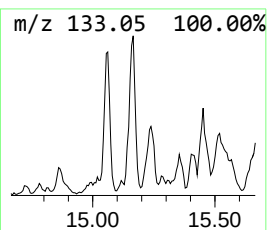
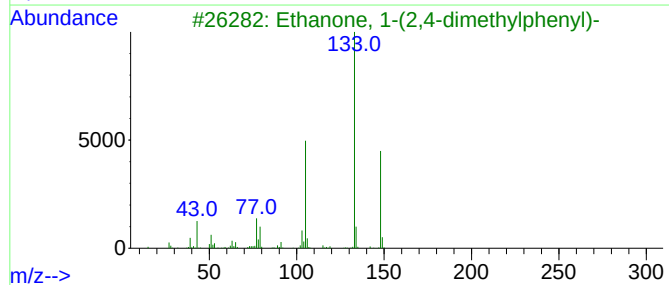
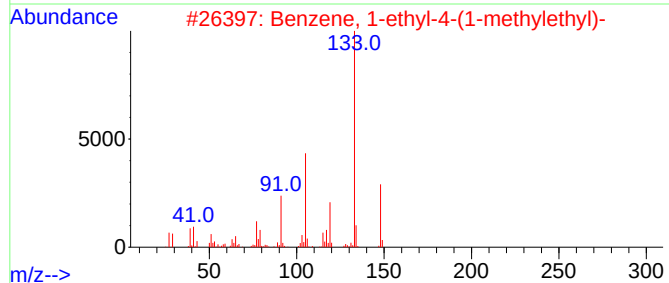
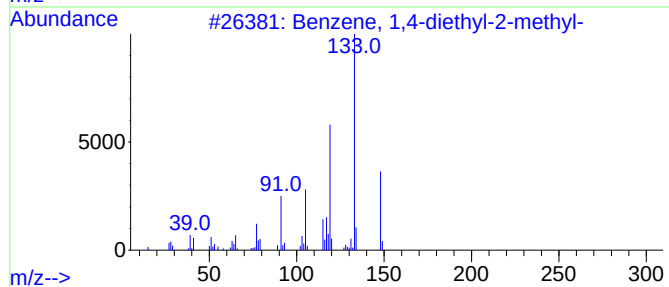
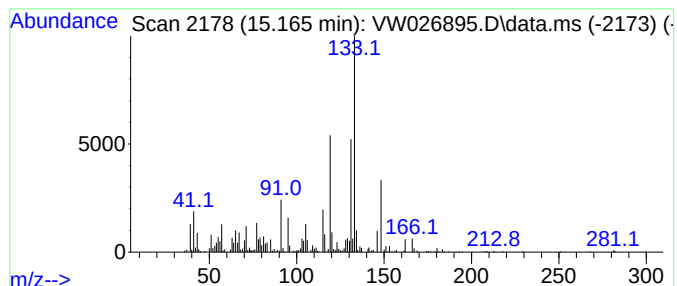
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Quant Title : SFAM01.0

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

Peak Number 11 Benzene, 1,4-diethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.165	2.43 ug/L	210421	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	62
2			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	46
3			Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	46
4			Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	43
5			Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026895.D
Acq On : 25 Aug 2023 15:06
Operator : SY/MD
Sample : VIBLK492
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK492

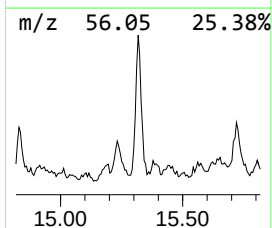
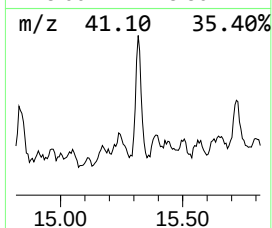
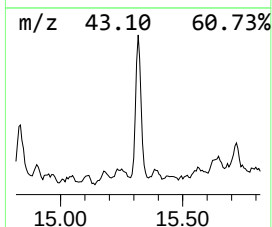
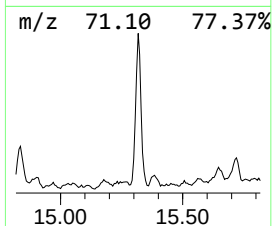
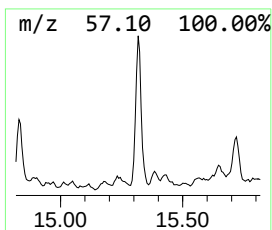
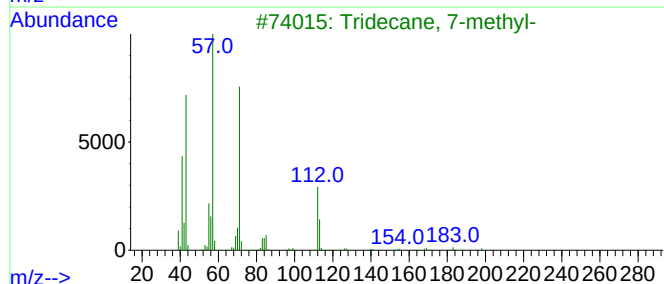
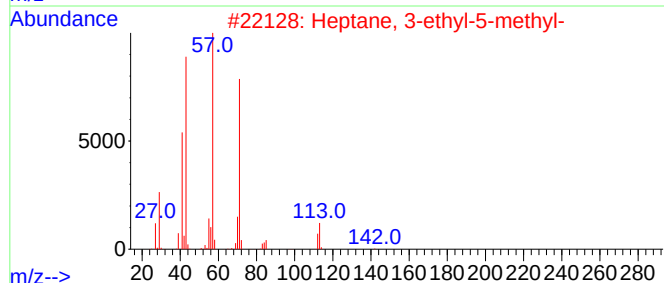
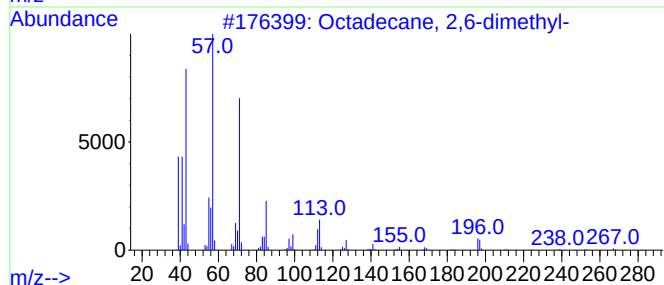
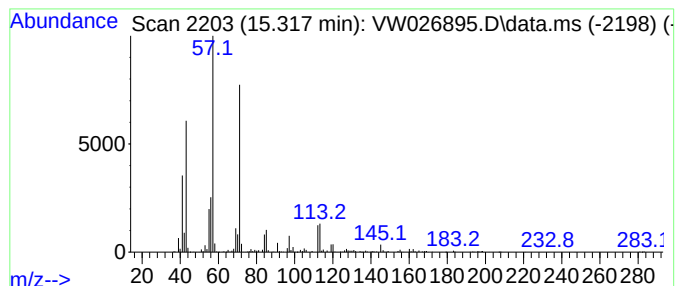
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	5.42 ug/L	468781	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	74
2		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	64
3		Tridecane, 7-methyl-	198	C14H30	026730-14-3	64
4		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	58
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026895.D
Acq On : 25 Aug 2023 15:06
Operator : SY/MD
Sample : VIBLK492
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK492

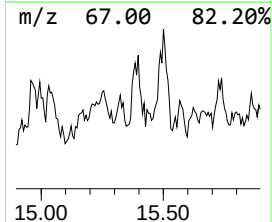
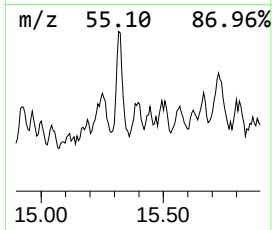
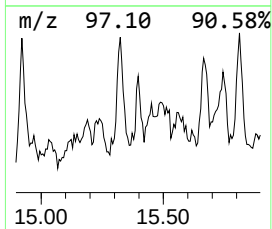
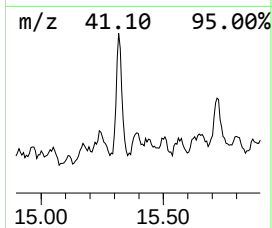
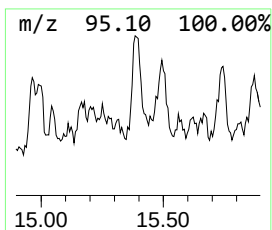
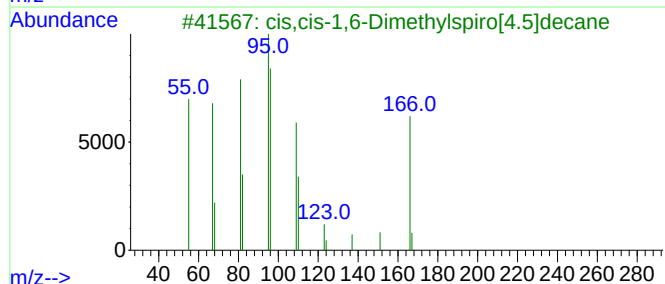
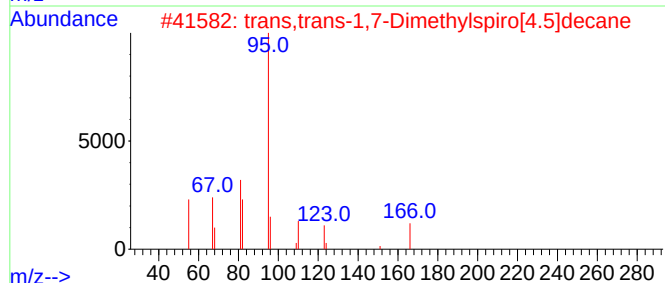
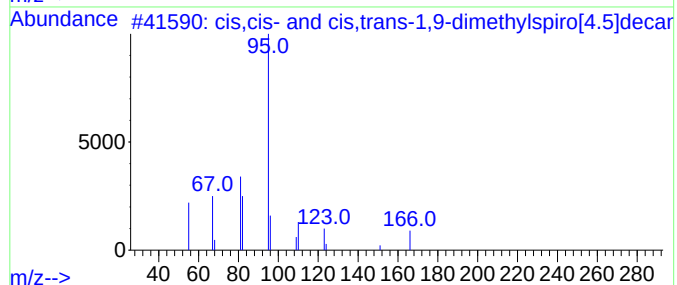
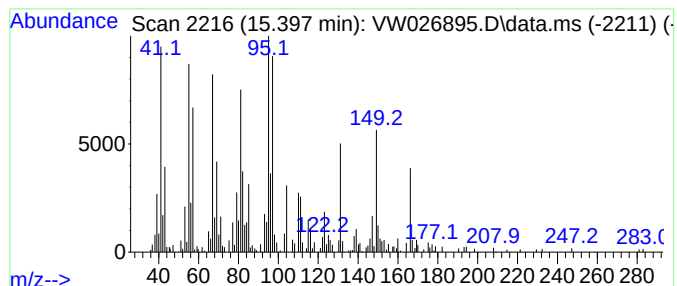
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Quant Title : SFAM01.0

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

Peak Number 13 cis,cis- and cis,trans-1,9-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.397	1.30 ug/L	112068	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis,cis- and cis,trans-1,9-dimet...	166	C12H22	1000111-72-5	55
2			trans,trans-1,7-Dimethylspiro[4...	166	C12H22	1000111-72-6	49
3			cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	47
4			Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	006069-97-2	46
5			Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026895.D
Acq On : 25 Aug 2023 15:06
Operator : SY/MD
Sample : VIBLK492
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK492

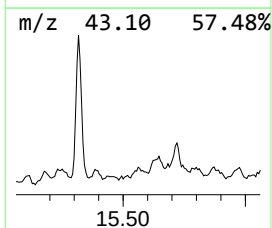
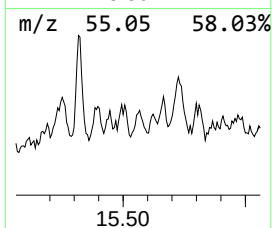
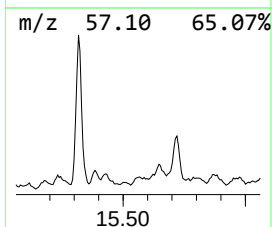
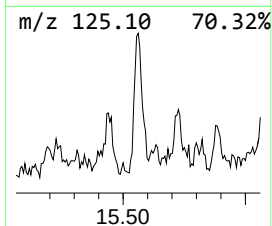
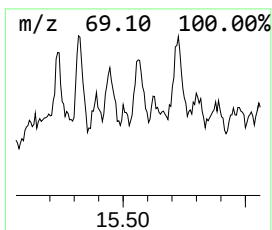
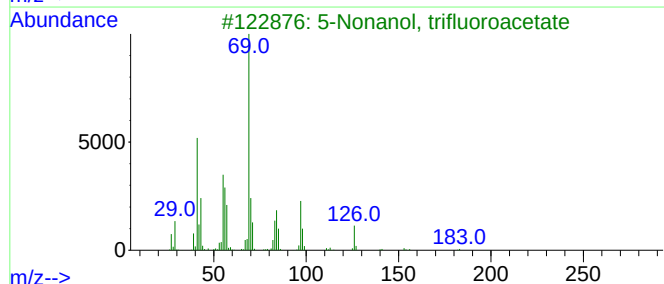
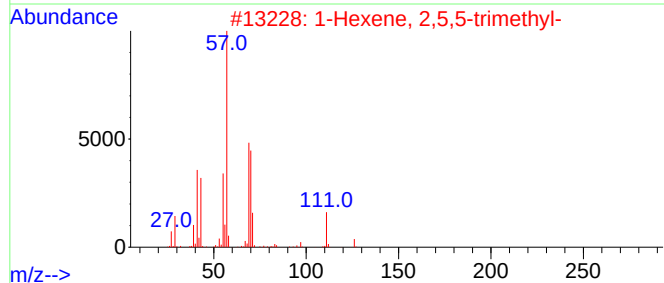
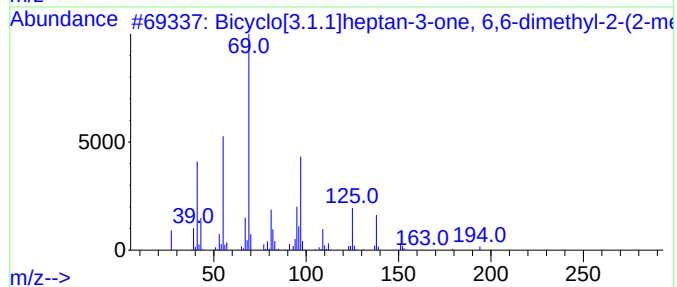
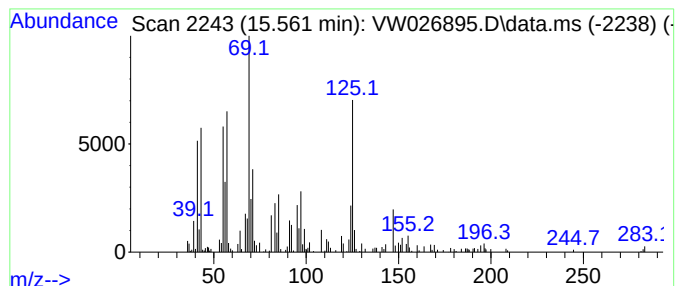
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Quant Title : SFAM01.0

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

Peak Number 14 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.561	1.70 ug/L	146660	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptan-3-one, 6,6-...	194	C13H22O	1000163-97-9	38
2			1-Hexene, 2,5,5-trimethyl-	126	C9H18	062185-56-2	38
3			5-Nonanol, trifluoroacetate	240	C11H19F3O2	1000463-48-1	35
4			Dodecane, 2-methyl-	184	C13H28	001560-97-0	25
5			4-Octene, 2,3,6,7-tetramethyl-	168	C12H24	063830-66-0	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026895.D
Acq On : 25 Aug 2023 15:06
Operator : SY/MD
Sample : VIBLK492
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK492

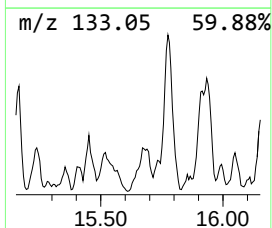
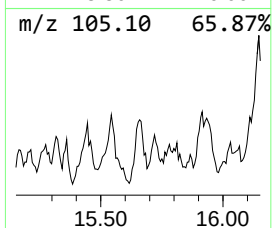
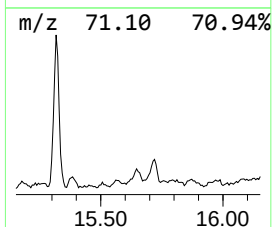
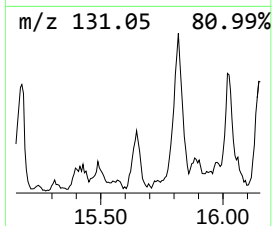
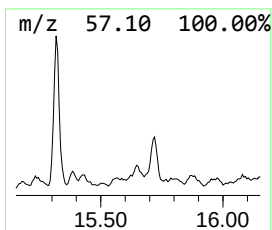
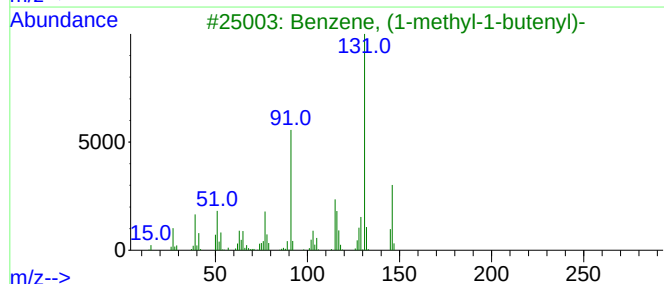
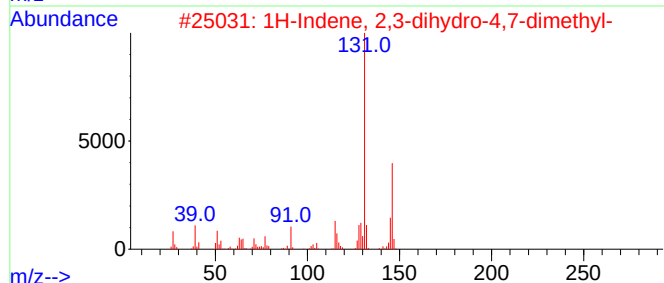
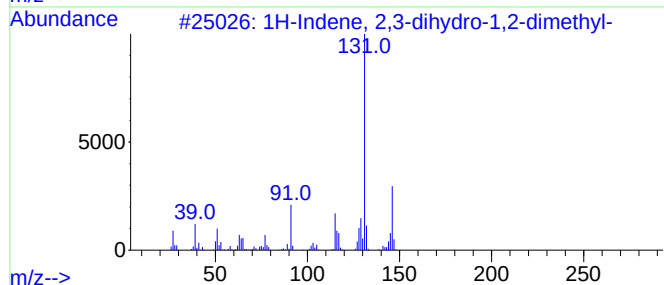
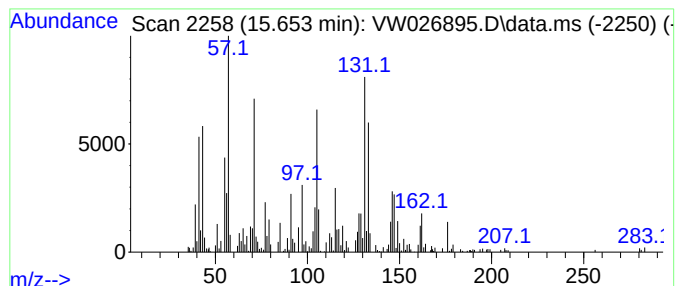
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Quant Title : SFAM01.0

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

Peak Number 15 unknown-03 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.653	2.74 ug/L	236627	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	38		
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	38		
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	30		
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	30		
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	30		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026895.D
Acq On : 25 Aug 2023 15:06
Operator : SY/MD
Sample : VIBLK492
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK492

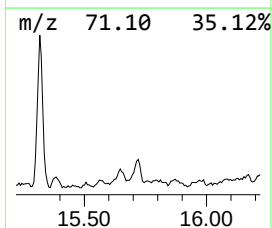
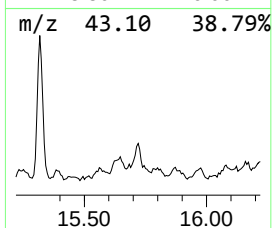
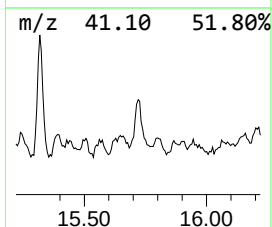
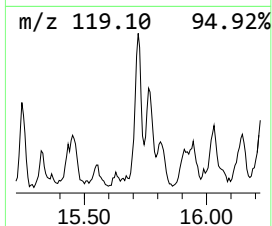
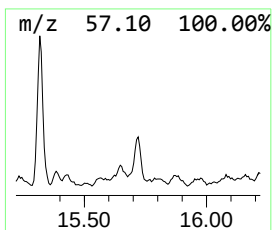
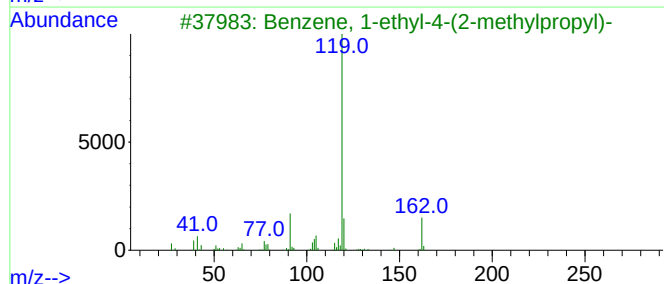
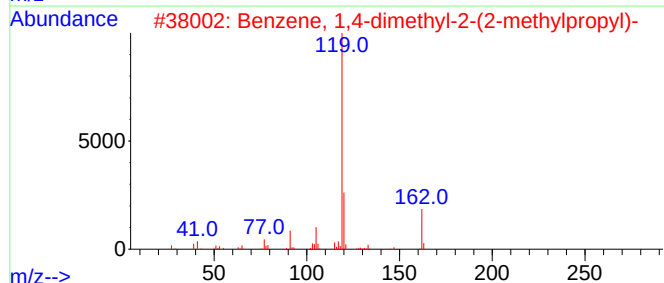
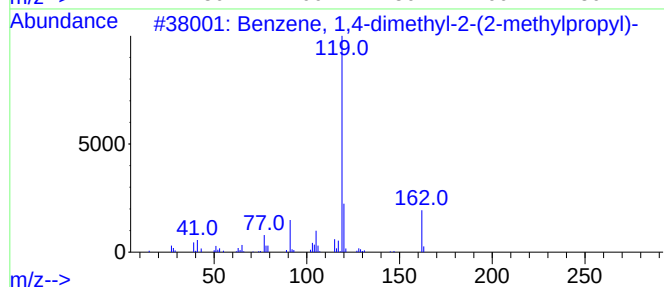
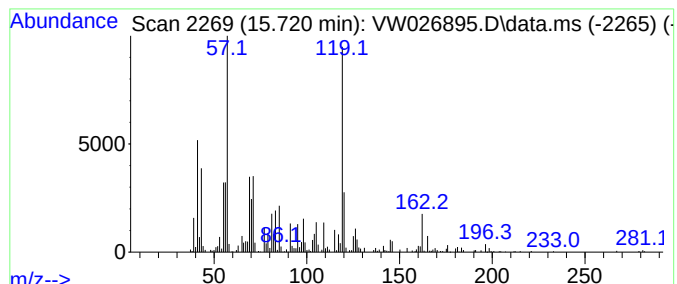
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Quant Title : SFAM01.0

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

Peak Number 16 Benzene, 1,4-dimethyl-2-(2-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.720	2.46 ug/L	212297	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	55
2			Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	46
3			Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	43
4			Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	43
5			Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026895.D
Acq On : 25 Aug 2023 15:06
Operator : SY/MD
Sample : VIBLK492
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK492

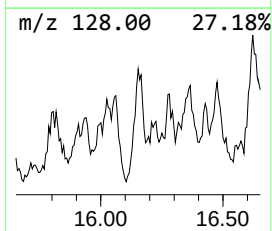
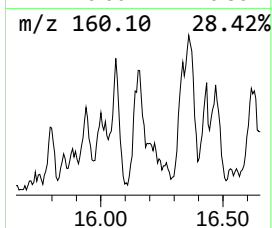
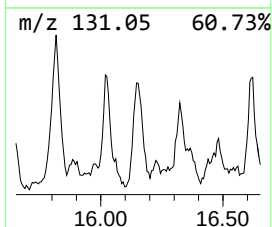
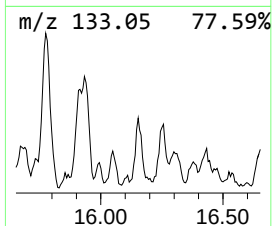
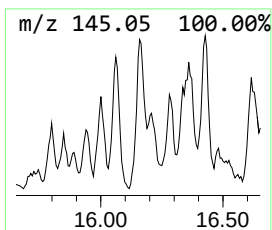
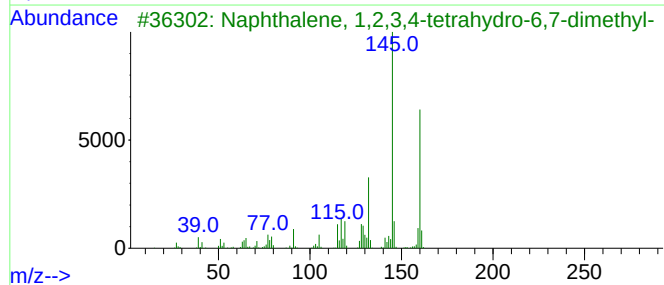
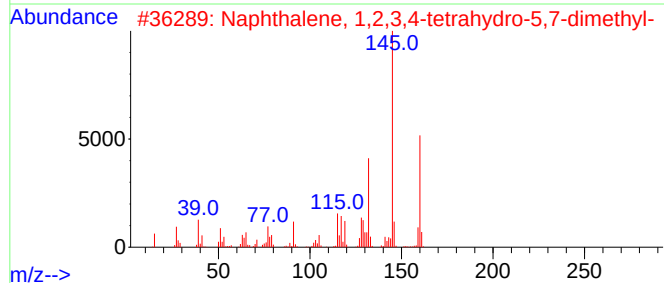
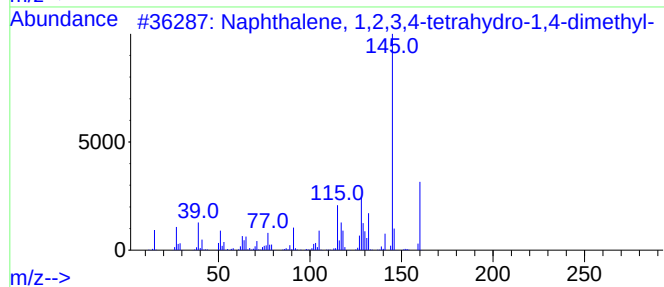
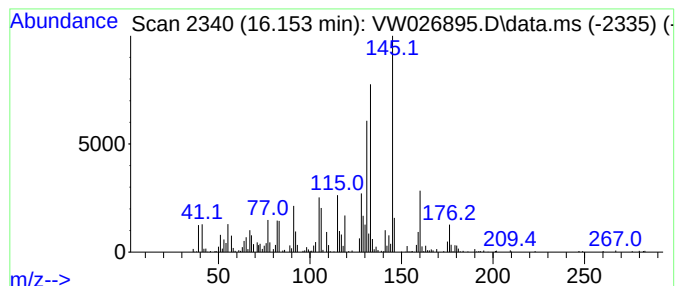
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Quant Title : SFAM01.0

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

Peak Number 17 unknown-04 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.153	2.52 ug/L	218101	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	46
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	43
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	38
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	38
5			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026895.D
Acq On : 25 Aug 2023 15:06
Operator : SY/MD
Sample : VIBLK492
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK492

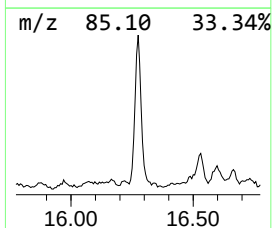
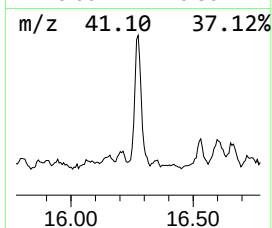
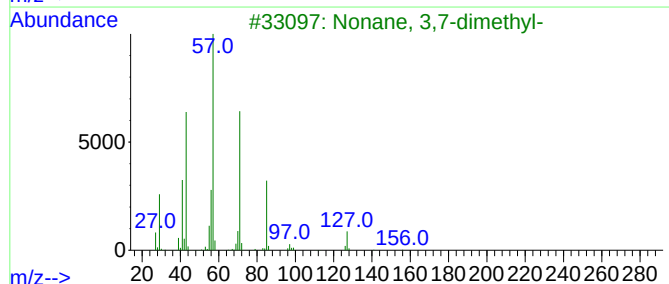
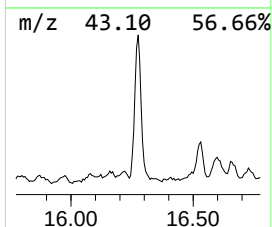
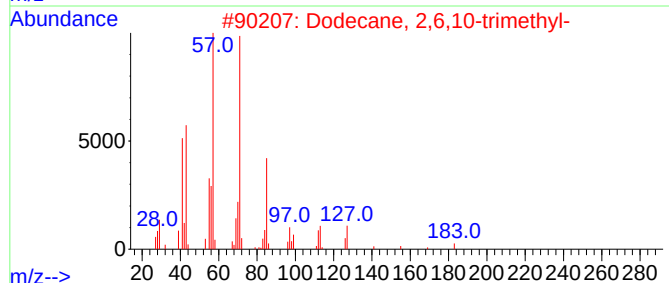
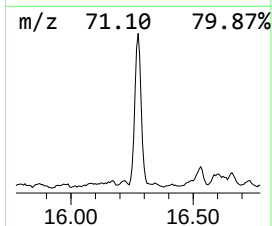
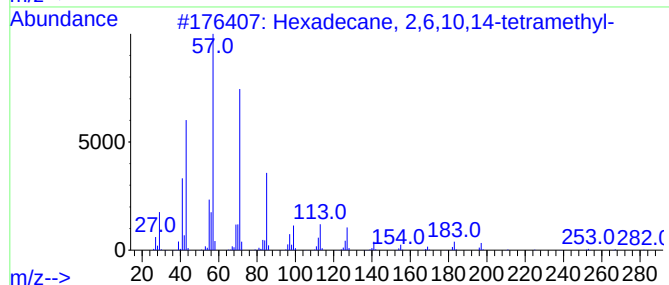
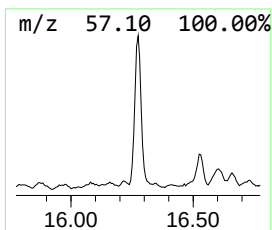
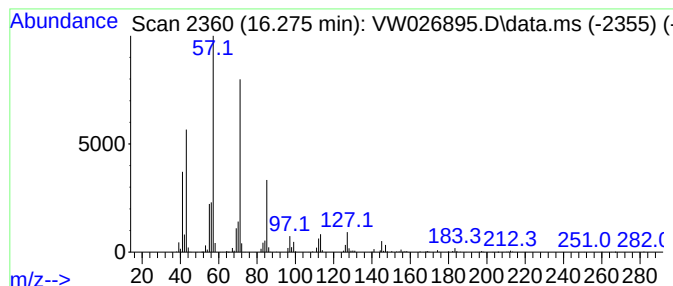
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	9.65 ug/L	833898	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
4		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	87
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
Data File : VW026895.D
Acq On : 25 Aug 2023 15:06
Operator : SY/MD
Sample : VIBLK492
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK492

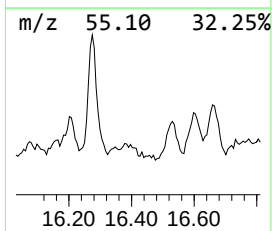
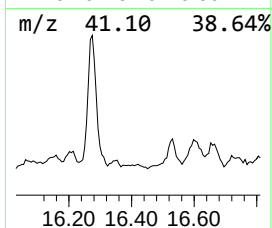
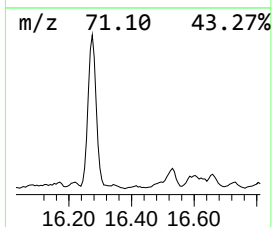
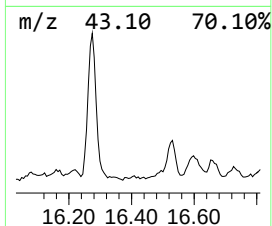
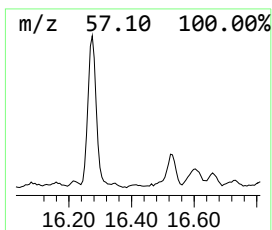
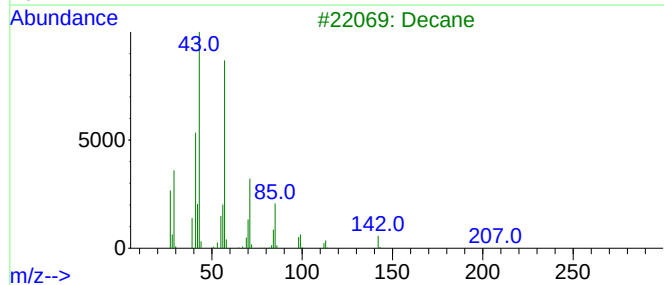
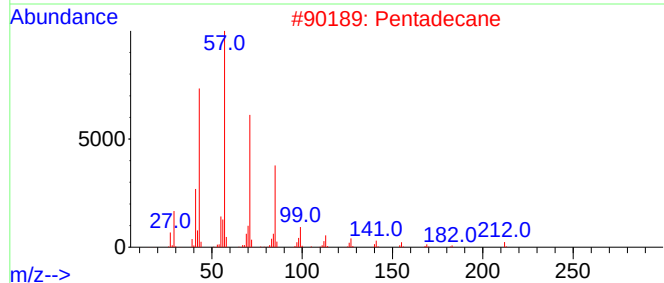
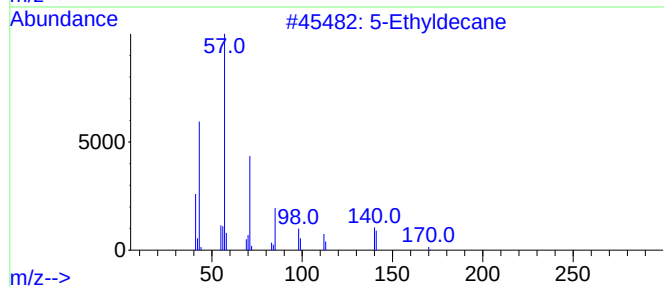
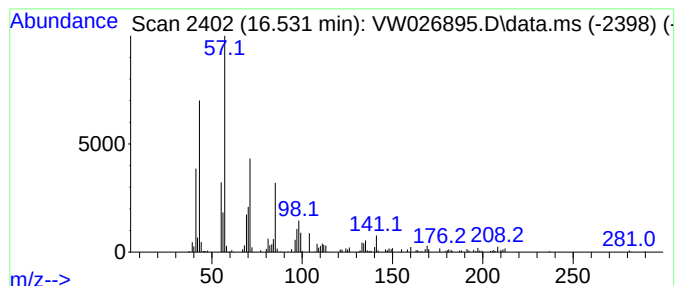
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.531	1.49 ug/L	129168	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Ethyldecane	170	C12H26	017302-36-2	62
2			Pentadecane	212	C15H32	000629-62-9	62
3			Decane	142	C10H22	000124-18-5	58
4			Tridecane, 2,5-dimethyl-	212	C15H32	056292-66-1	58
5			Tridecane	184	C13H28	000629-50-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082523\
 Data File : VW026895.D
 Acq On : 25 Aug 2023 15:06
 Operator : SY/MD
 Sample : VIBLK492
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK492

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.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
11H-Dibenzo[b,e...	14.062	1.3	ug/L	113920	3	13.556	2160550	25.0
trans-Decalin, ...	14.379	1.8	ug/L	158132	3	13.556	2160550	25.0
Naphthalene, de...	14.543	2.2	ug/L	187363	3	13.556	2160550	25.0
unknown-01	14.842	3.7	ug/L	317170	3	13.556	2160550	25.0
Benzene, pentam...	15.055	1.4	ug/L	116605	3	13.556	2160550	25.0
Benzene, 1,4-di...	15.165	2.4	ug/L	210421	3	13.556	2160550	25.0
(DEL) Alkane: S...	15.318	5.4	ug/L	468781	3	13.556	2160550	25.0
cis,cis- and ci...	15.397	1.3	ug/L	112068	3	13.556	2160550	25.0
unknown-02	15.561	1.7	ug/L	146660	3	13.556	2160550	25.0
unknown-03	15.653	2.7	ug/L	236627	3	13.556	2160550	25.0
Benzene, 1,4-di...	15.720	2.5	ug/L	212297	3	13.556	2160550	25.0
unknown-04	16.153	2.5	ug/L	218101	3	13.556	2160550	25.0
(DEL) Alkane: S...	16.275	9.7	ug/L	833898	3	13.556	2160550	25.0
(DEL) Alkane: S...	16.531	1.5	ug/L	129168	3	13.556	2160550	25.0