

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
 Data File : VW025542.D
 Acq On : 31 Mar 2023 19:00
 Operator : SY/MD
 Sample : 02151-10
 Misc : 6.55g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C11B3

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\SFAMWLM030623SMA.M
 Title : SFAM01.0

Signal : TIC: VW025542.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.369	72	79	94	rVB	105151	279132	7.03%	0.851%
2	2.899	158	166	178	rBV	121152	339684	8.56%	1.036%
3	4.027	339	351	363	rBV	300562	1019168	25.68%	3.107%
4	4.381	402	409	410	rBV7	5844	9415	0.24%	0.029%
5	4.533	430	434	435	rVB4	2055	2541	0.06%	0.008%
6	4.710	458	463	466	rVB7	2475	3205	0.08%	0.010%
7	4.917	487	497	511	rBV3	45515	182373	4.60%	0.556%
8	5.399	574	576	577	rBV2	1735	1817	0.05%	0.006%
9	5.460	584	586	589	rVB4	3511	3433	0.09%	0.010%
10	5.618	609	612	615	rBV5	1610	2370	0.06%	0.007%
11	5.698	622	625	630	rBV7	1946	3125	0.08%	0.010%
12	5.789	635	640	642	rBV6	3463	5167	0.13%	0.016%
13	5.838	646	648	653	rVB6	1523	2247	0.06%	0.007%
14	5.935	657	664	666	rBV7	7288	12920	0.33%	0.039%
15	6.118	689	694	700	rVV9	1952	4200	0.11%	0.013%
16	6.210	704	709	711	rBV6	1492	2417	0.06%	0.007%
17	6.283	717	721	724	rVB6	2262	3142	0.08%	0.010%
18	6.338	727	730	733	rVB5	1411	1749	0.04%	0.005%
19	6.429	739	745	750	rBV9	1430	3175	0.08%	0.010%
20	6.624	775	777	780	rBV4	2592	3192	0.08%	0.010%
21	7.075	843	851	861	rBV	132064	378601	9.54%	1.154%
22	7.344	892	895	897	rBV4	1974	2225	0.06%	0.007%
23	7.472	912	916	918	rBV4	2317	2960	0.07%	0.009%
24	7.514	920	923	926	rVB5	2686	3509	0.09%	0.011%
25	7.569	926	932	935	rBV8	1869	4180	0.11%	0.013%
26	7.648	935	945	957	rBV	660813	1600166	40.32%	4.879%
27	7.844	974	977	980	rBV5	2759	3227	0.08%	0.010%
28	7.929	983	991	995	rBV5	12876	32480	0.82%	0.099%
29	8.033	1000	1008	1016	rVB5	15088	40454	1.02%	0.123%
30	8.154	1021	1028	1035	rBV2	40749	93806	2.36%	0.286%
31	8.276	1035	1048	1064	rBV2	1337348	3968501	100.00%	12.100%
32	8.423	1065	1072	1080	rBV5	24958	63246	1.59%	0.193%
33	8.502	1080	1085	1091	rBV4	19323	39086	0.98%	0.119%
34	8.575	1091	1097	1110	rVB2	61281	142340	3.59%	0.434%
35	8.691	1110	1116	1123	rBV2	28332	56102	1.41%	0.171%
36	8.843	1130	1141	1158	rBV	1269940	2555171	64.39%	7.791%

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 Title : SFAM01.0

37	8.977	1161	1163	1167	rBV5	1921	2098	0.05%	0.006%
38	9.075	1171	1179	1185	rBV5	6955	20930	0.53%	0.064%
39	9.148	1186	1191	1198	rVB	9145	20735	0.52%	0.063%
40	9.276	1202	1212	1217	rBV	967546	2104090	53.02%	6.415%
41	9.331	1217	1221	1228	rVB	663697	1297275	32.69%	3.955%
42	9.453	1239	1241	1245	rBV5	3334	5049	0.13%	0.015%
43	9.514	1245	1251	1257	rVV2	30018	57645	1.45%	0.176%
44	9.605	1257	1266	1272	rVB2	52428	116133	2.93%	0.354%
45	9.746	1282	1289	1300	rVB2	68280	144119	3.63%	0.439%
46	9.849	1303	1306	1307	rBV3	2160	2528	0.06%	0.008%
47	9.898	1307	1314	1318	rBV2	22447	45098	1.14%	0.138%
48	9.953	1318	1323	1328	rBV2	18466	35310	0.89%	0.108%
49	10.032	1330	1336	1342	rBV	476430	851994	21.47%	2.598%
50	10.239	1361	1370	1375	rVB7	10502	25711	0.65%	0.078%
51	10.325	1375	1384	1399	rBV	1923442	3660894	92.25%	11.162%
52	10.495	1405	1412	1419	rVB4	66207	156071	3.93%	0.476%
53	10.575	1419	1425	1434	rBV	306240	541880	13.65%	1.652%
54	10.666	1434	1440	1449	rVB2	119695	224645	5.66%	0.685%
55	10.758	1449	1455	1460	rBV2	74151	137171	3.46%	0.418%
56	10.849	1466	1470	1474	rVB3	12870	22641	0.57%	0.069%
57	10.922	1474	1482	1492	rBV	505457	883142	22.25%	2.693%
58	11.105	1509	1512	1514	rBV3	13817	18237	0.46%	0.056%
59	11.178	1515	1524	1528	rVV	151319	316117	7.97%	0.964%
60	11.227	1528	1532	1537	rVV	116518	198510	5.00%	0.605%
61	11.282	1537	1541	1545	rVB4	21469	33605	0.85%	0.102%
62	11.331	1545	1549	1555	rVB3	23949	40264	1.01%	0.123%
63	11.434	1555	1566	1573	rVB4	38014	84860	2.14%	0.259%
64	11.508	1575	1578	1581	rBV2	8907	12466	0.31%	0.038%
65	11.629	1590	1598	1607	rBV	1691992	2821409	71.10%	8.602%
66	11.727	1607	1614	1623	rVV2	221265	405044	10.21%	1.235%
67	11.831	1624	1631	1651	rVB	365710	854158	21.52%	2.604%
68	11.965	1651	1653	1658	rVB6	4722	6077	0.15%	0.019%
69	12.038	1660	1665	1674	rVB2	25522	49147	1.24%	0.150%
70	12.135	1674	1681	1684	rBV3	32641	71462	1.80%	0.218%
71	12.300	1703	1708	1710	rBV6	9735	16607	0.42%	0.051%
72	12.337	1710	1714	1719	rVV2	39059	65542	1.65%	0.200%
73	12.465	1731	1735	1740	rVB2	33189	53015	1.34%	0.162%
74	12.520	1740	1744	1749	rVB	51572	71288	1.80%	0.217%
75	12.605	1753	1758	1764	rVB2	23025	37067	0.93%	0.113%
76	12.690	1765	1772	1780	rBV	712310	1184246	29.84%	3.611%

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 Title : SFAM01.0

77	12.782	1782	1787	1794	rVB5	27734	58862	1.48%	0.179%
78	12.873	1796	1802	1808	rBV6	11351	34150	0.86%	0.104%
79	12.940	1808	1813	1821	rVB3	29263	52297	1.32%	0.159%
80	13.111	1832	1841	1846	rBV4	14414	38759	0.98%	0.118%
81	13.172	1847	1851	1859	rBV9	8513	19629	0.49%	0.060%
82	13.245	1859	1863	1867	rBV	20431	32006	0.81%	0.098%
83	13.556	1907	1914	1923	rBV	1487500	2390069	60.23%	7.287%
84	13.641	1925	1928	1933	rVB	26158	40147	1.01%	0.122%
85	13.781	1942	1951	1955	rBV6	10376	24488	0.62%	0.075%
86	13.849	1955	1962	1974	rVB	1389135	2257838	56.89%	6.884%
87	14.062	1993	1997	2006	rVB2	34859	67527	1.70%	0.206%
88	14.196	2014	2019	2024	rBV7	12046	21170	0.53%	0.065%
89	14.324	2036	2040	2046	rVB8	15462	27156	0.68%	0.083%
90	14.416	2051	2055	2059	rBV4	18012	26549	0.67%	0.081%
91	14.489	2065	2067	2072	rBV6	5839	10680	0.27%	0.033%
92	14.684	2096	2099	2101	rBV4	2595	3583	0.09%	0.011%
93	14.720	2101	2105	2111	rVB9	8387	14581	0.37%	0.044%
94	14.781	2111	2115	2117	rBV4	10268	14166	0.36%	0.043%
95	15.171	2174	2179	2184	rVB8	8697	15969	0.40%	0.049%
96	15.428	2217	2221	2225	rVB2	31116	46641	1.18%	0.142%
97	15.482	2226	2230	2235	rVB	14301	23976	0.60%	0.073%
98	15.629	2252	2254	2256	rBV3	2545	2466	0.06%	0.008%
99	15.787	2277	2280	2286	rVB7	5484	8693	0.22%	0.027%
100	16.622	2415	2417	2418	rBV2	2717	1934	0.05%	0.006%

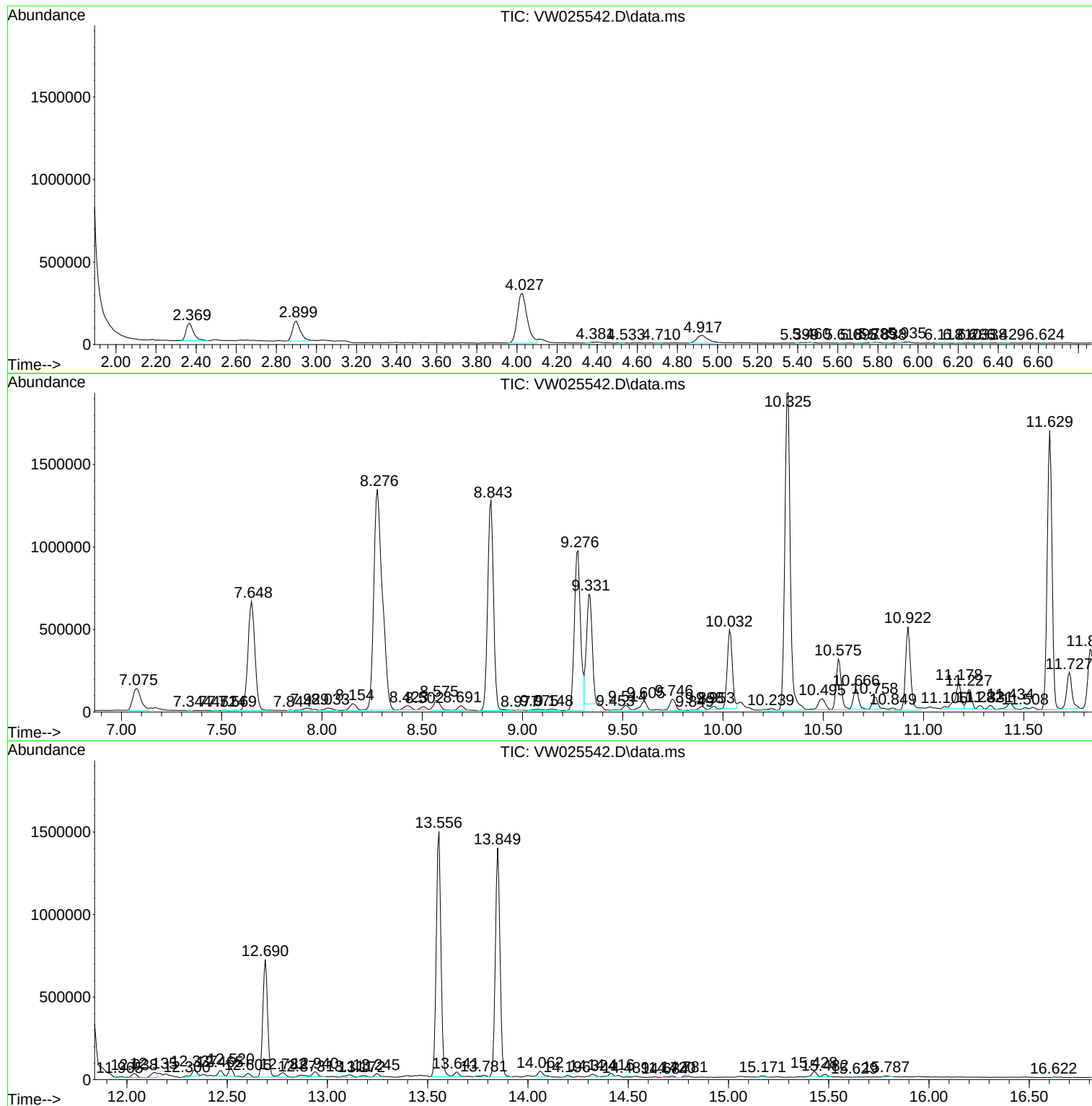
Sum of corrected areas: 32798142

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

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



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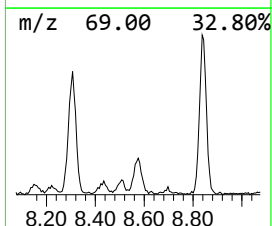
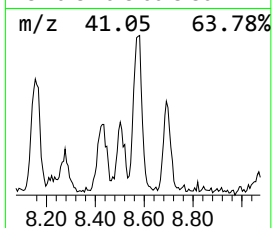
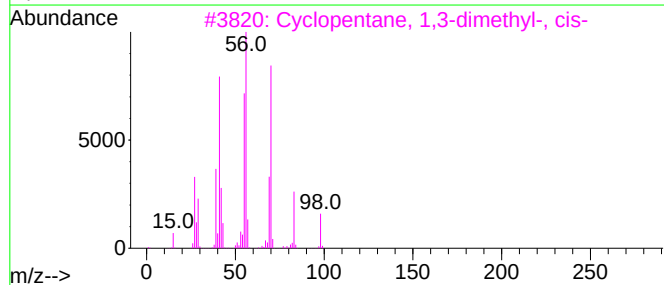
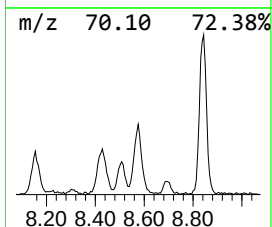
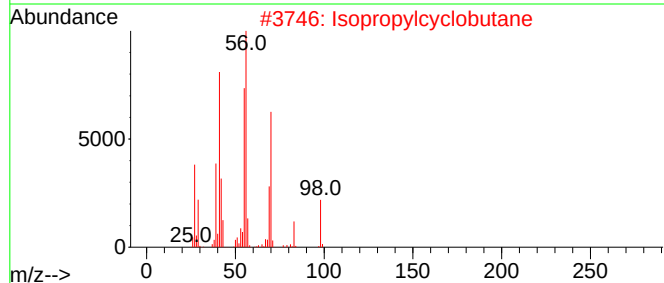
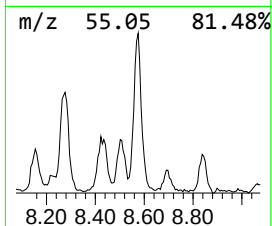
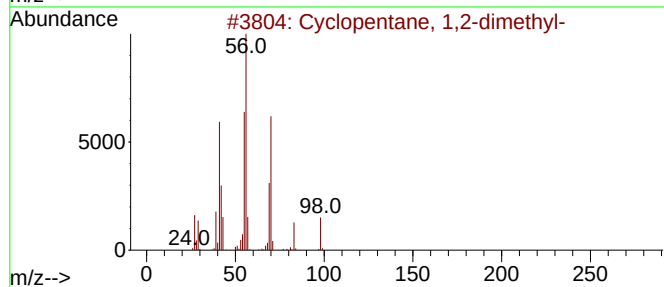
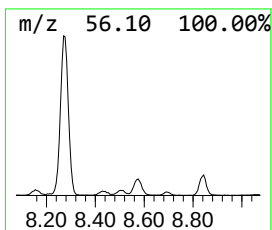
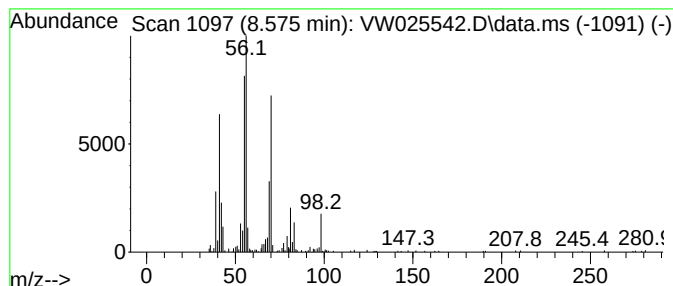
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Cyclic8.575 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.575	1.39 ug/L	142340	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	87
2			Isopropylcyclobutane	98	C7H14	000872-56-0	87
3			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	87
4			1-Heptene	98	C7H14	000592-76-7	83
5			Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	83



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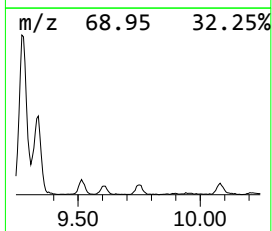
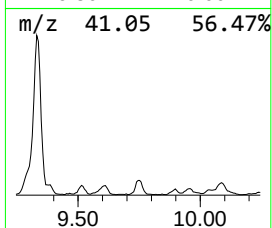
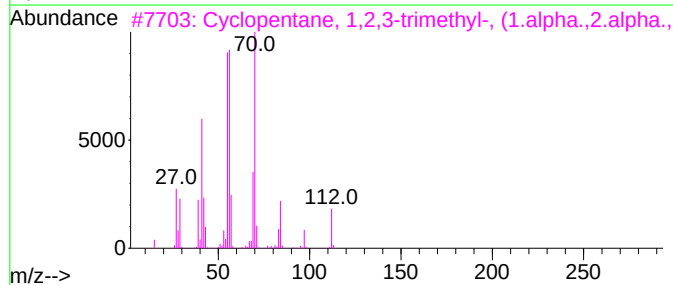
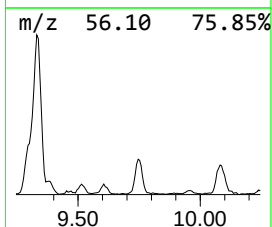
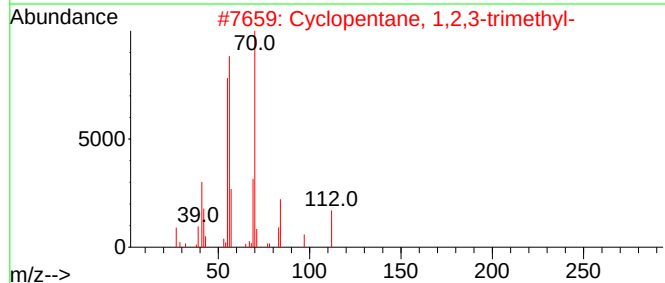
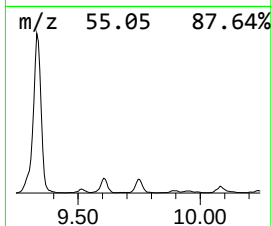
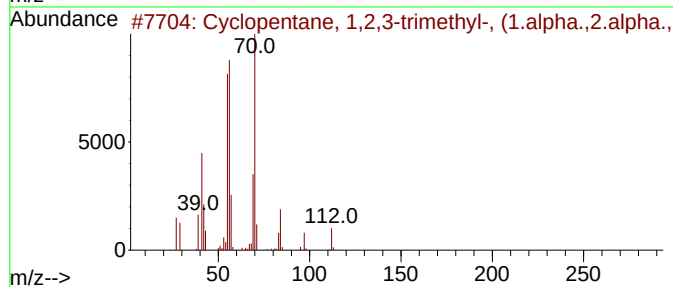
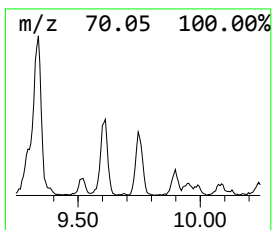
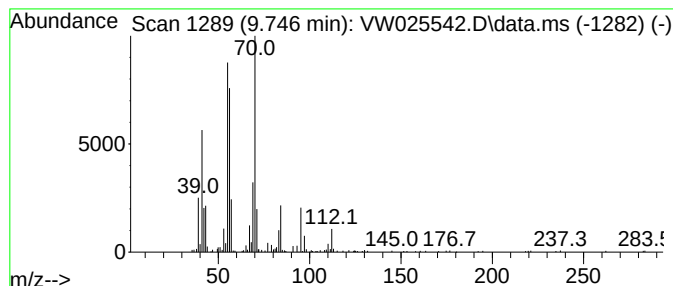
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Cyclic9.746 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.746	1.41 ug/L	144119	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	93
2			Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	87
3			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	74
4			1-Heptene, 3-methyl-	112	C8H16	004810-09-7	74
5			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	49



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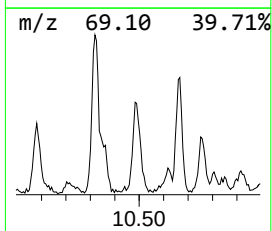
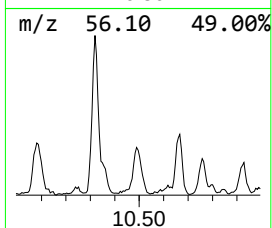
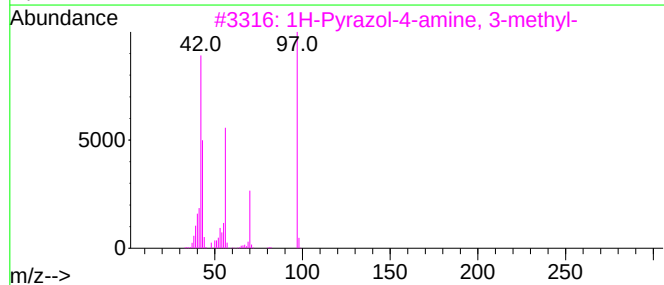
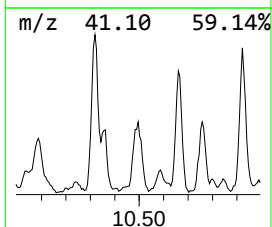
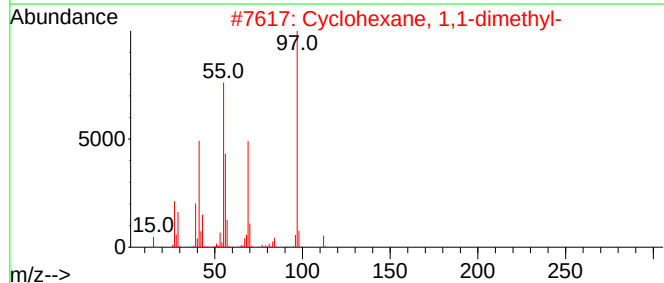
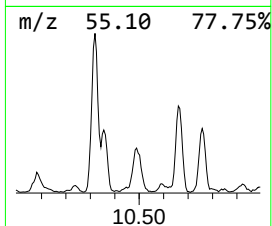
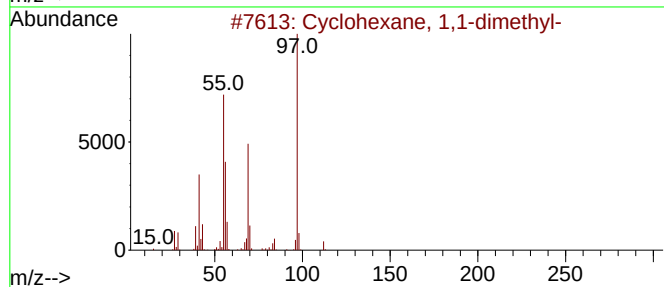
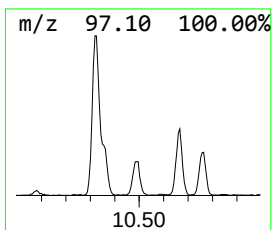
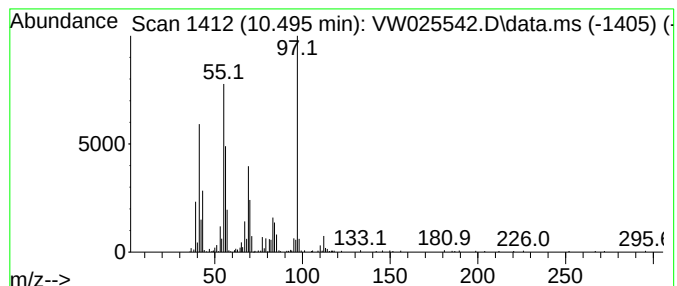
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Quant Title : SFAM01.0

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TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic10.496 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.496	1.38 ug/L	156071	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	80
2			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	80
3			1H-Pyrazol-4-amine, 3-methyl-	97	C4H7N3	1010338-28-2	59
4			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	58
5			1H-Pyrazole, 4,5-dihydro-3,5,5-t...	112	C6H12N2	003975-85-7	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025542.D
Acq On : 31 Mar 2023 19:00
Operator : SY/MD
Sample : 02151-10
Misc : 6.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B3

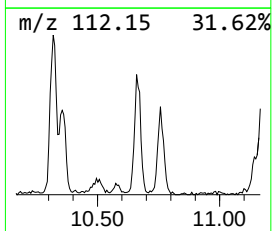
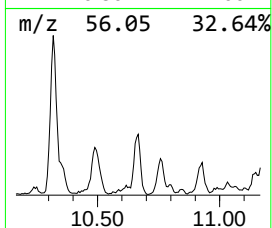
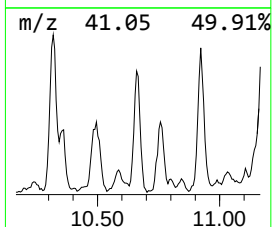
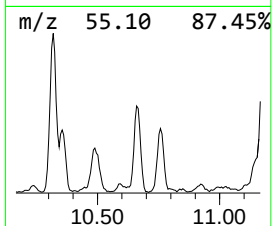
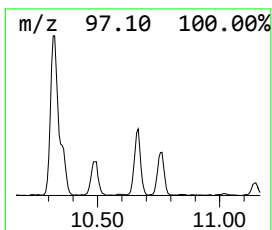
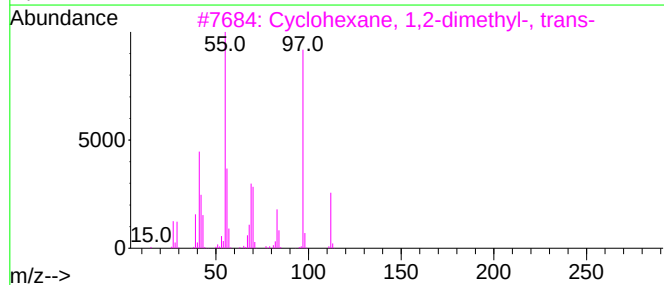
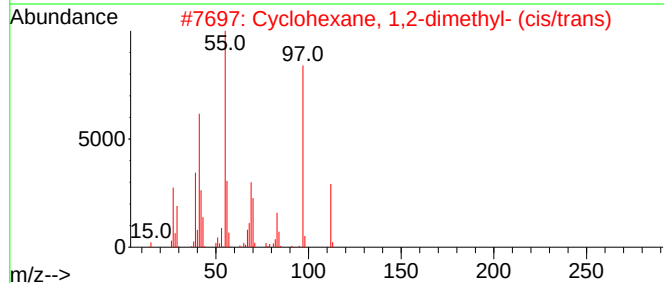
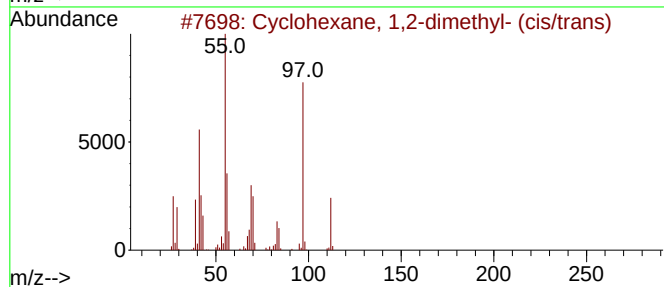
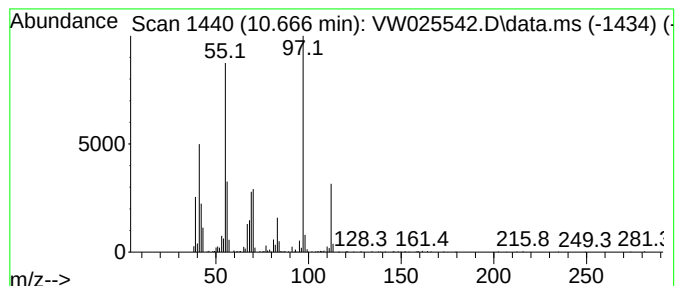
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic10.666 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.666	1.99 ug/L	224645	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91
2			Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91
3			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	91
4			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
5			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025542.D
Acq On : 31 Mar 2023 19:00
Operator : SY/MD
Sample : 02151-10
Misc : 6.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B3

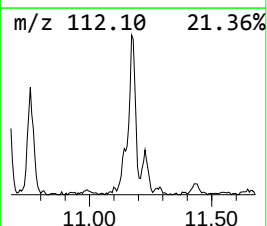
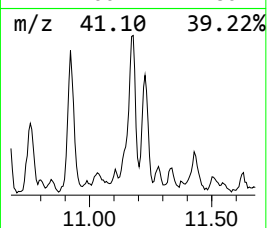
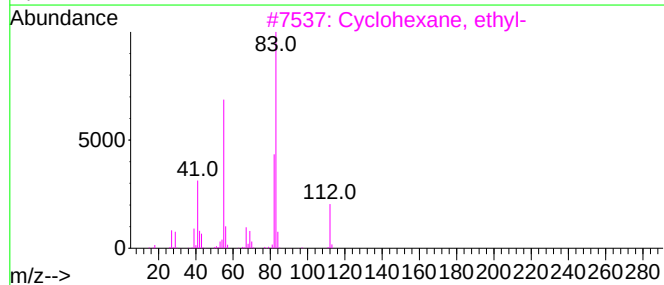
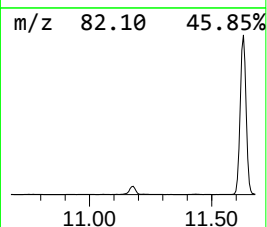
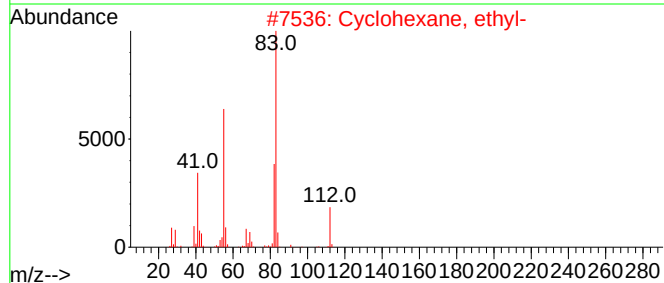
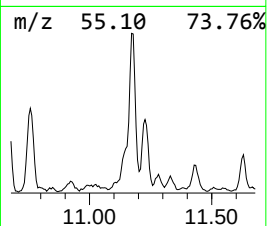
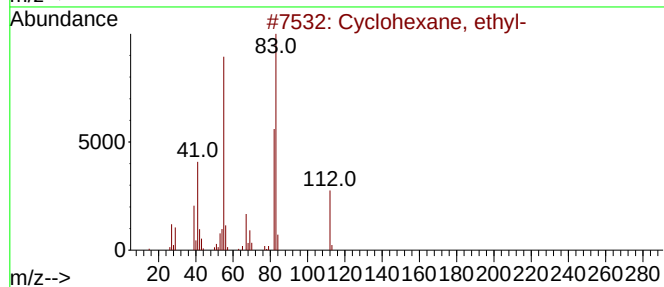
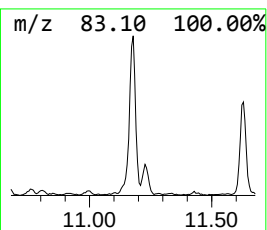
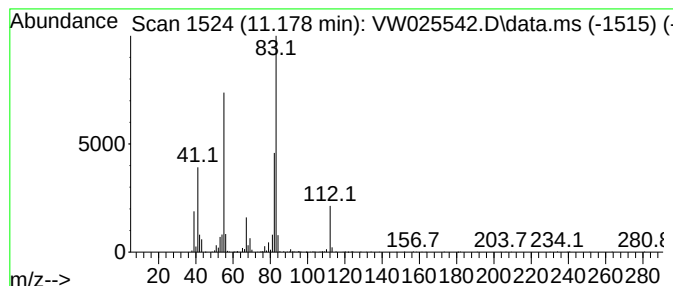
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic11.178 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.178	2.80 ug/L	316117	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, ethyl-	112	C8H16	001678-91-7	95
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
3			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	91
5			3-Heptene, 5-methyl-	112	C8H16	013172-91-3	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025542.D
Acq On : 31 Mar 2023 19:00
Operator : SY/MD
Sample : 02151-10
Misc : 6.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B3

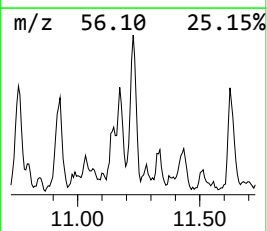
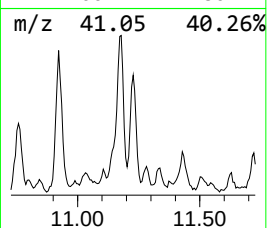
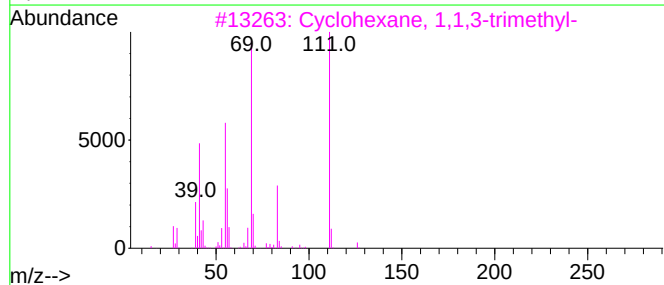
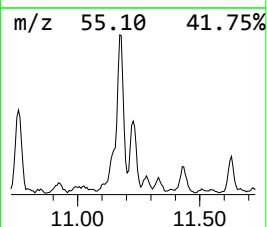
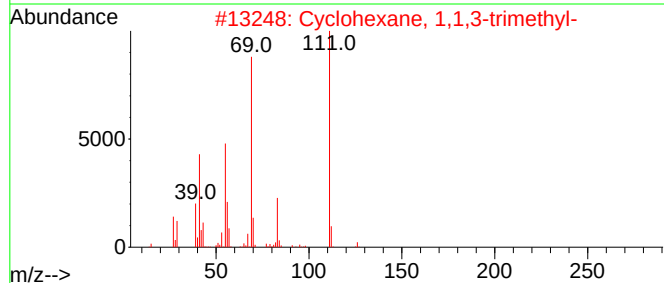
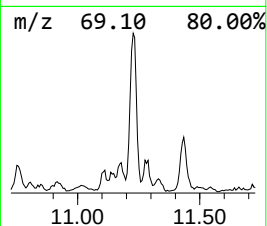
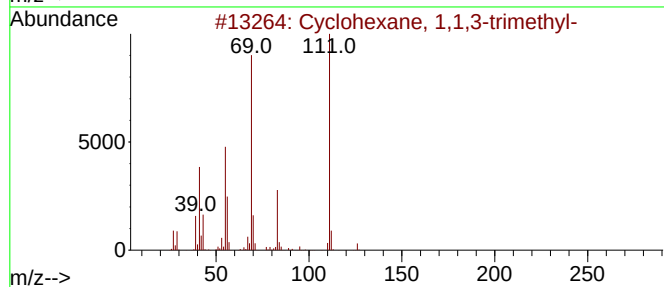
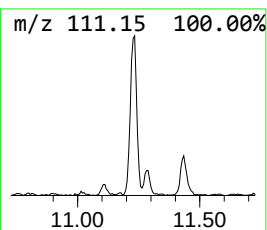
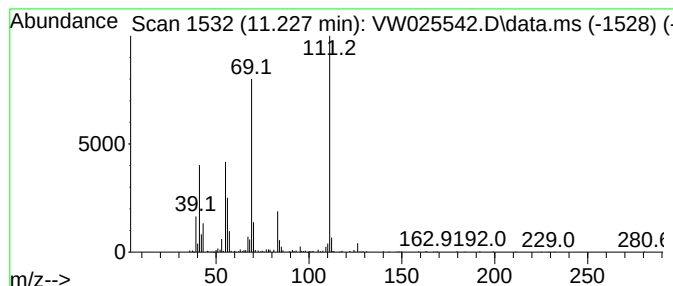
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Cyclic11.227 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	1.76 ug/L	198510	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	91
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
5			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
Data File : VW025542.D
Acq On : 31 Mar 2023 19:00
Operator : SY/MD
Sample : 02151-10
Misc : 6.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C11B3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
Quant Title : SFAM01.0

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

					--Internal Standard--				
TIC Top	Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL)	Alkane: C...	8.575	1.4	ug/L	142340	1	8.843	2555170	25.0
(DEL)	Alkane: C...	9.746	1.4	ug/L	144119	1	8.843	2555170	25.0
(DEL)	Alkane: C...	10.496	1.4	ug/L	156071	2	11.629	2821410	25.0
(DEL)	Alkane: C...	10.666	2.0	ug/L	224645	2	11.629	2821410	25.0
(DEL)	Alkane: C...	11.178	2.8	ug/L	316117	2	11.629	2821410	25.0
(DEL)	Alkane: C...	11.227	1.8	ug/L	198510	2	11.629	2821410	25.0