

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
 Data File : VW030180.D
 Acq On : 20 Sep 2024 17:14
 Operator : SY/MD
 Sample : P4109-16
 Misc : 5.26g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4ET8

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\SFAMWLM091624SMA.M
 Title : SFAM01.0

Signal : TIC: VW030180.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.173	39	47	50	rBV5	2578	5963	0.38%	0.050%
2	2.253	58	60	61	rVB	705	334	0.02%	0.003%
3	2.362	68	78	93	rBV	80530	204360	12.86%	1.729%
4	2.503	96	101	107	rVB3	2093	4306	0.27%	0.036%
5	2.813	148	152	157	rBV2	1758	2608	0.16%	0.022%
6	2.899	157	166	184	rBV	56958	168933	10.63%	1.429%
7	3.094	196	198	205	rVB5	919	1044	0.07%	0.009%
8	3.228	219	220	227	rVB3	557	612	0.04%	0.005%
9	3.301	227	232	235	rBV4	444	729	0.05%	0.006%
10	3.393	242	247	253	rVB4	1170	2880	0.18%	0.024%
11	3.472	258	260	263	rVB	512	391	0.02%	0.003%
12	3.588	276	279	282	rVB3	504	673	0.04%	0.006%
13	3.740	302	304	307	rVB3	440	356	0.02%	0.003%
14	4.021	339	350	361	rBV	167177	515633	32.45%	4.362%
15	4.124	362	367	378	rVB	27063	75497	4.75%	0.639%
16	4.399	400	412	424	rVB2	2910	10669	0.67%	0.090%
17	4.917	487	497	510	rBV3	5215	20097	1.26%	0.170%
18	5.008	510	512	515	rVB3	562	602	0.04%	0.005%
19	5.795	629	641	651	rBV3	4517	16147	1.02%	0.137%
20	5.941	656	665	674	rVV4	2367	6767	0.43%	0.057%
21	6.124	691	695	700	rVB4	300	539	0.03%	0.005%
22	6.295	719	723	726	rBV	299	382	0.02%	0.003%
23	6.898	814	822	835	rBV3	3573	11204	0.71%	0.095%
24	7.081	842	852	861	rBV	45655	130807	8.23%	1.107%
25	7.172	863	867	878	rVV	13040	34825	2.19%	0.295%
26	7.246	878	879	881	rVV2	527	400	0.03%	0.003%
27	7.270	881	883	885	rVV2	480	319	0.02%	0.003%
28	7.556	917	930	934	rBV4	529	1749	0.11%	0.015%
29	7.648	934	945	960	rBV	266737	656586	41.32%	5.554%
30	7.764	960	964	965	rVV4	542	599	0.04%	0.005%
31	7.782	965	967	969	rVB2	447	343	0.02%	0.003%
32	8.276	1037	1048	1071	rBV2	544926	1589153	100.00%	13.443%
33	8.447	1074	1076	1079	rVB3	377	404	0.03%	0.003%
34	8.556	1090	1094	1098	rBV5	658	1275	0.08%	0.011%
35	8.587	1098	1099	1102	rVB2	487	330	0.02%	0.003%
36	8.629	1102	1106	1109	rBV3	311	567	0.04%	0.005%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
 Title : SFAM01.0

37	8.703	1112	1118	1123	rBV6	1423	3112	0.20%	0.026%
38	8.843	1131	1141	1160	rBV	716235	1404223	88.36%	11.879%
39	9.044	1169	1174	1175	rBV2	1971	2718	0.17%	0.023%
40	9.075	1175	1179	1186	rVV8	2747	6627	0.42%	0.056%
41	9.123	1186	1187	1196	rVB4	841	1657	0.10%	0.014%
42	9.196	1196	1199	1200	rBV2	432	415	0.03%	0.004%
43	9.270	1202	1211	1231	rBV	354280	717975	45.18%	6.074%
44	9.410	1232	1234	1241	rVB5	1037	1492	0.09%	0.013%
45	9.526	1250	1253	1255	rBV3	329	400	0.03%	0.003%
46	9.587	1259	1263	1267	rBV5	411	441	0.03%	0.004%
47	9.672	1267	1277	1284	rBV7	1842	4793	0.30%	0.041%
48	9.757	1287	1291	1293	rBV3	574	924	0.06%	0.008%
49	9.837	1301	1304	1305	rBV2	309	312	0.02%	0.003%
50	9.879	1308	1311	1313	rBV4	613	739	0.05%	0.006%
51	9.952	1319	1323	1324	rBV3	412	392	0.02%	0.003%
52	9.971	1324	1326	1329	rVV4	569	769	0.05%	0.007%
53	10.032	1329	1336	1345	rVV	180900	325729	20.50%	2.755%
54	10.135	1349	1353	1357	rVV5	1058	1937	0.12%	0.016%
55	10.208	1359	1365	1368	rBV6	1100	2134	0.13%	0.018%
56	10.324	1374	1384	1391	rBV	662539	1181325	74.34%	9.993%
57	10.385	1391	1394	1400	rVB	5495	8579	0.54%	0.073%
58	10.434	1400	1402	1405	rVB4	947	963	0.06%	0.008%
59	10.507	1407	1414	1418	rBV6	1235	2305	0.15%	0.019%
60	10.574	1418	1425	1433	rBV	105907	184131	11.59%	1.558%
61	10.702	1439	1446	1451	rVB2	9081	15805	0.99%	0.134%
62	10.745	1451	1453	1454	rBV2	726	347	0.02%	0.003%
63	10.769	1455	1457	1460	rVB4	887	821	0.05%	0.007%
64	10.818	1463	1465	1468	rBV4	488	582	0.04%	0.005%
65	10.849	1468	1470	1473	rBV3	1435	1449	0.09%	0.012%
66	10.922	1475	1482	1498	rBV	198287	351345	22.11%	2.972%
67	11.074	1504	1507	1513	rVB7	3204	5489	0.35%	0.046%
68	11.147	1515	1519	1523	rBV4	1263	2283	0.14%	0.019%
69	11.208	1527	1529	1531	rBV3	859	932	0.06%	0.008%
70	11.233	1531	1533	1535	rBV2	717	571	0.04%	0.005%
71	11.281	1537	1541	1542	rBV4	1288	1509	0.09%	0.013%
72	11.300	1542	1544	1546	rBV3	826	738	0.05%	0.006%
73	11.403	1558	1561	1566	rBV5	1484	2875	0.18%	0.024%
74	11.464	1568	1571	1577	rBV3	3338	5487	0.35%	0.046%
75	11.629	1589	1598	1607	rBV	697367	1188047	74.76%	10.050%
76	11.763	1619	1620	1622	rBV2	845	387	0.02%	0.003%

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77	11.836	1624	1632	1636	rBV6	12172	29625	1.86%	0.251%
78	12.019	1658	1662	1663	rBV4	2746	2505	0.16%	0.021%
79	12.062	1668	1669	1670	rBV	1319	611	0.04%	0.005%
80	12.117	1673	1678	1683	rBV2	12936	24288	1.53%	0.205%
81	12.330	1707	1713	1717	rBV7	10121	21804	1.37%	0.184%
82	12.434	1726	1730	1742	rVB7	11650	30714	1.93%	0.260%
83	12.598	1748	1757	1763	rBV5	14753	35626	2.24%	0.301%
84	12.690	1766	1772	1779	rBV	223603	382689	24.08%	3.237%
85	12.775	1779	1786	1794	rVB	74822	134610	8.47%	1.139%
86	12.860	1796	1800	1807	rVB7	10768	25857	1.63%	0.219%
87	12.946	1807	1814	1822	rBV8	24738	87534	5.51%	0.740%
88	13.025	1822	1827	1832	rBV	54705	92915	5.85%	0.786%
89	13.196	1850	1855	1859	rBV4	20058	47306	2.98%	0.400%
90	13.269	1859	1867	1880	rVB2	175532	442632	27.85%	3.744%
91	13.397	1881	1888	1893	rBV4	26059	75947	4.78%	0.642%
92	13.555	1908	1914	1926	rBV	365269	596582	37.54%	5.047%
93	13.690	1932	1936	1941	rBV2	27724	44572	2.80%	0.377%
94	13.848	1956	1962	1972	rVB	255937	443784	27.93%	3.754%
95	14.007	1984	1988	1991	rBV2	20542	29884	1.88%	0.253%
96	14.049	1991	1995	2004	rVB4	46768	89491	5.63%	0.757%
97	14.378	2045	2049	2052	rBV3	26578	44308	2.79%	0.375%
98	15.116	2166	2170	2174	rBV5	24220	48126	3.03%	0.407%
99	15.317	2199	2203	2210	rBV	64761	100618	6.33%	0.851%
100	16.274	2355	2360	2368	rVB	45871	88277	5.55%	0.747%

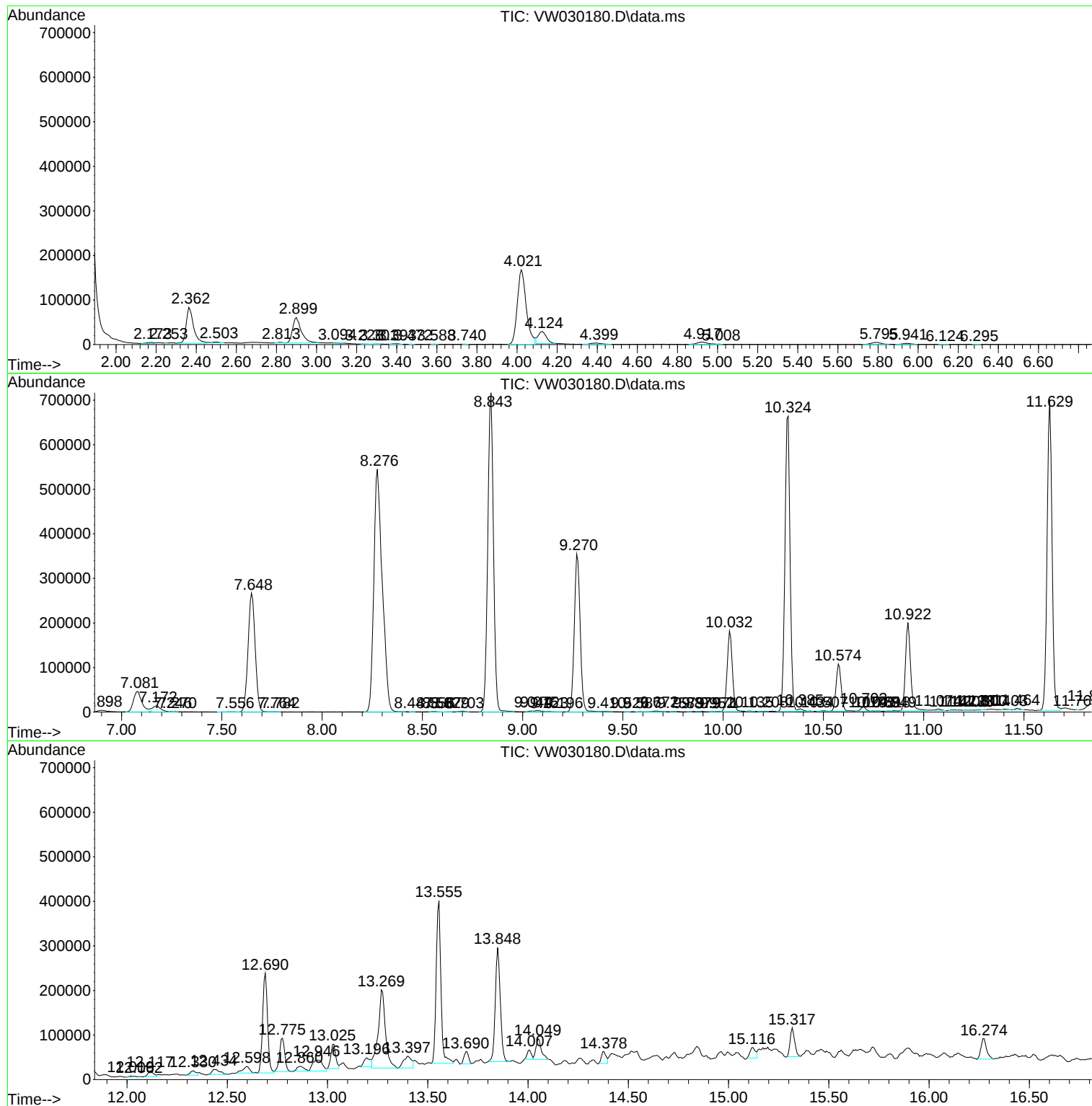
Sum of corrected areas: 11821147

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.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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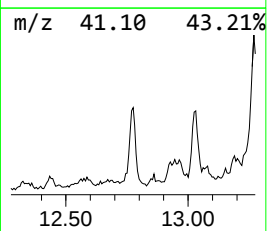
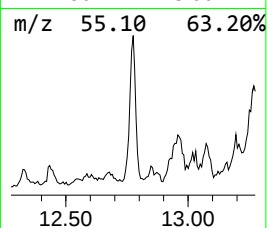
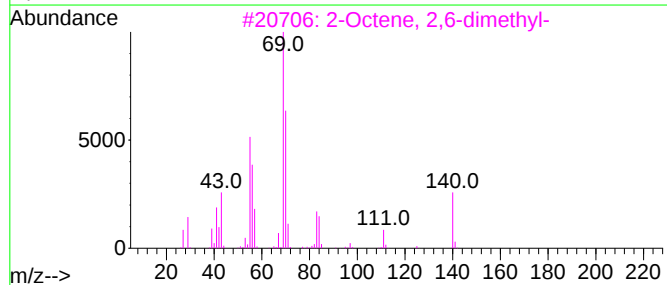
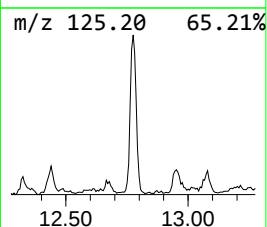
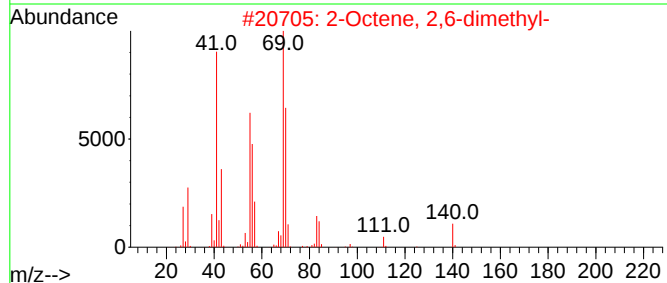
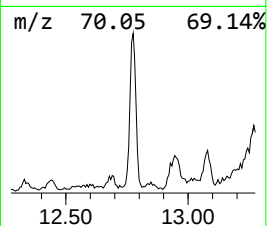
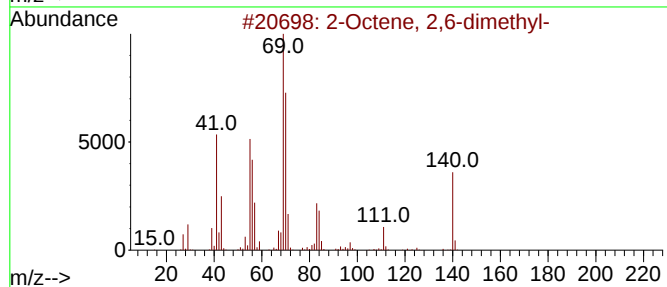
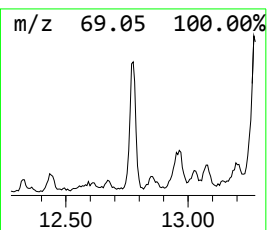
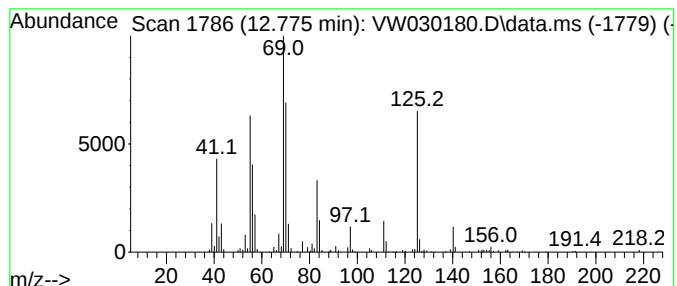
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	5.64 ug/L	134610	1,4-Dichlorobenzene-d4	13.555

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	64
2		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	64
3		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	64
4		Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	62
5		4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	50



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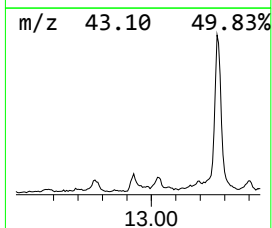
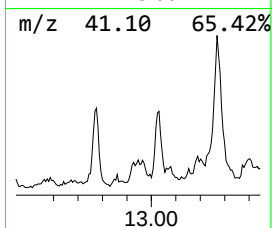
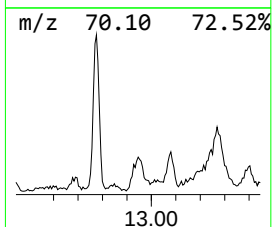
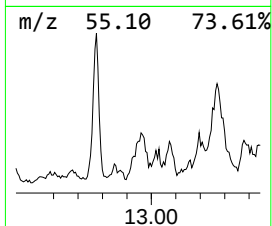
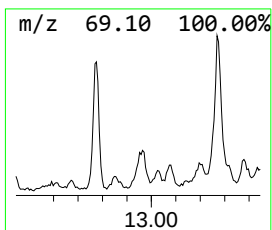
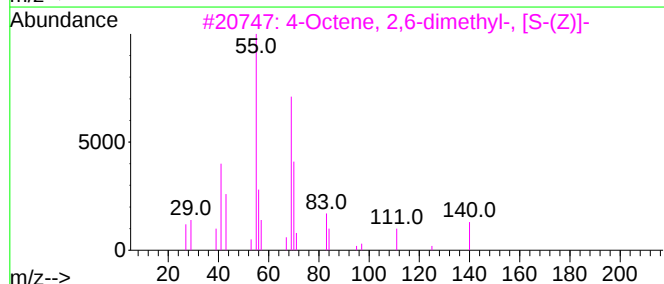
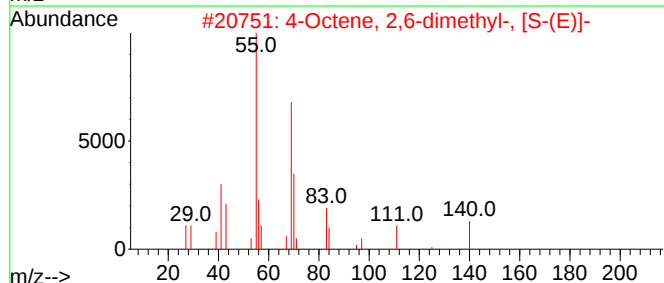
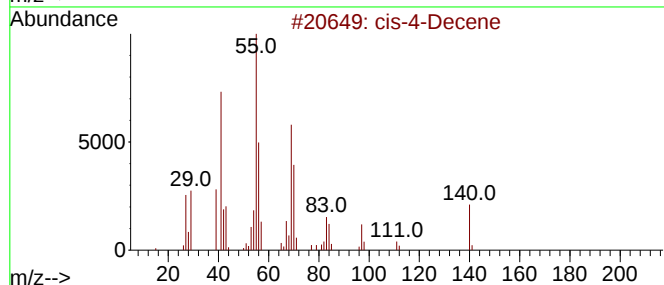
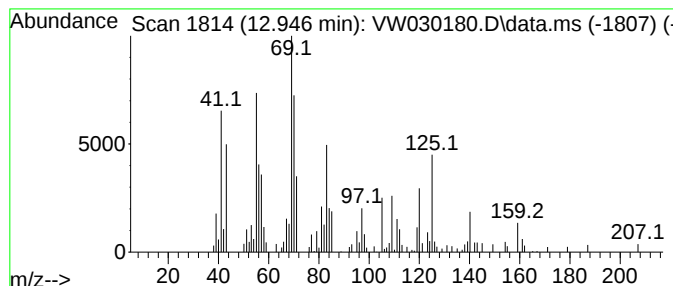
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.946	3.67 ug/L	87534	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-4-Decene	140	C10H20	019398-88-0	58
2			4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	49
3			4-Octene, 2,6-dimethyl-, [S-(Z)]-	140	C10H20	062960-77-4	49
4			Cyclopentane, propyl-	112	C8H16	002040-96-2	46
5			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	46



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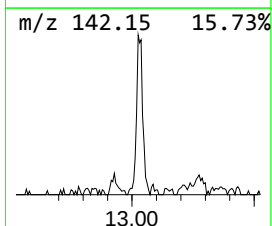
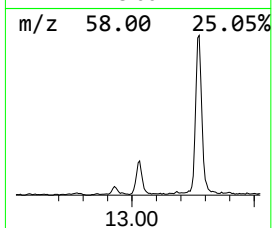
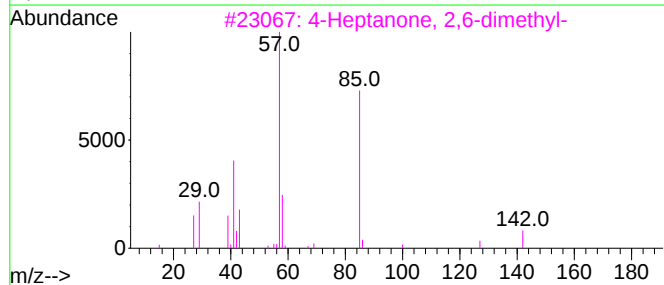
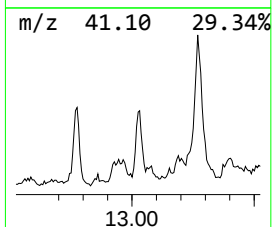
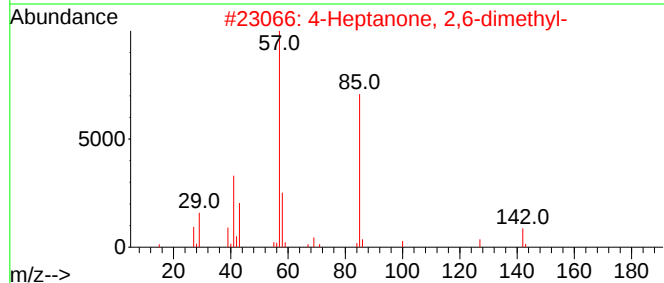
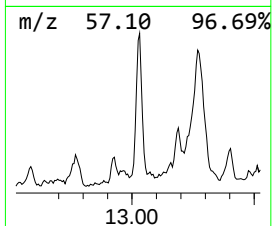
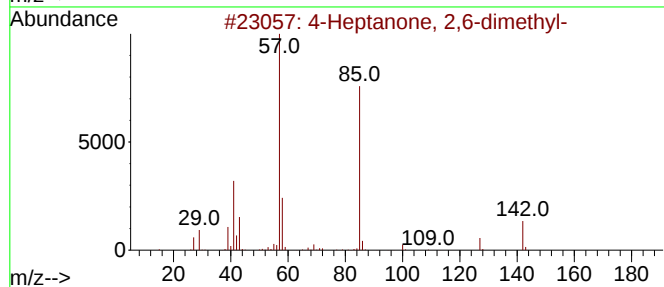
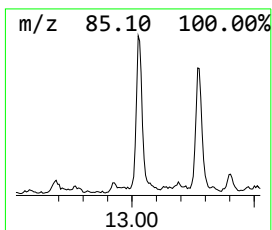
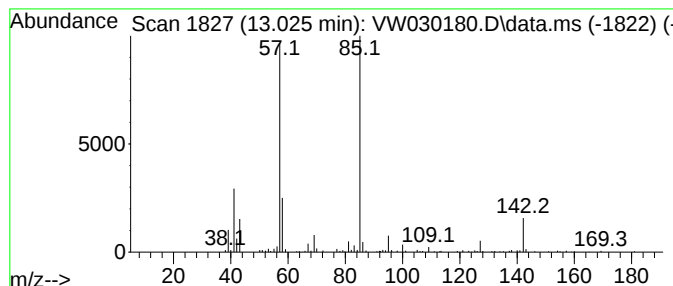
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 4-Heptanone, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.025	3.89 ug/L	92915	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
2			4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	91
3			4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	87
4			4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	86
5			4-Heptanone, 2,6-dimethyl-	142	C9H18O	000108-83-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030180.D
Acq On : 20 Sep 2024 17:14
Operator : SY/MD
Sample : P4109-16
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4ET8

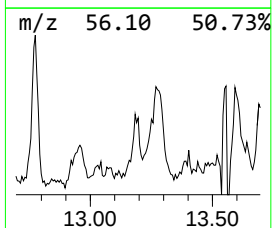
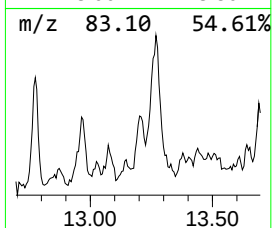
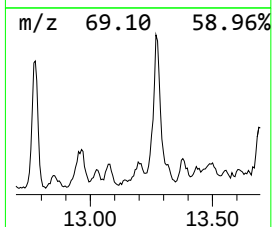
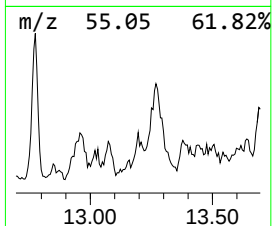
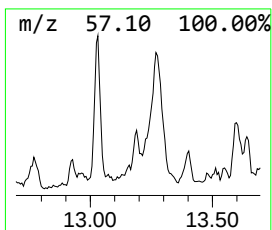
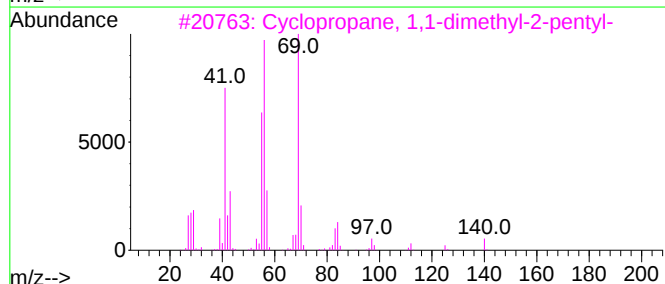
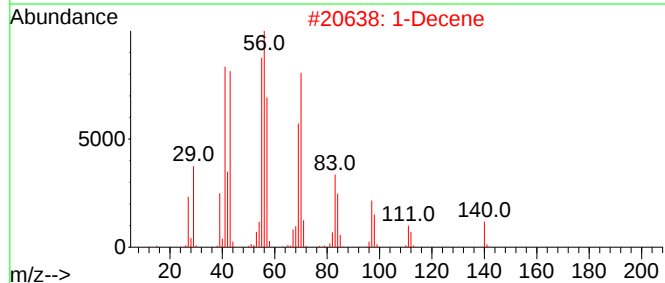
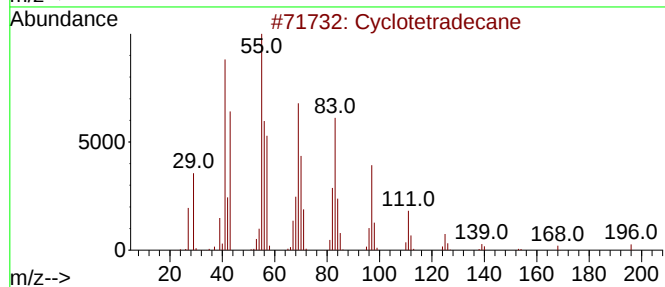
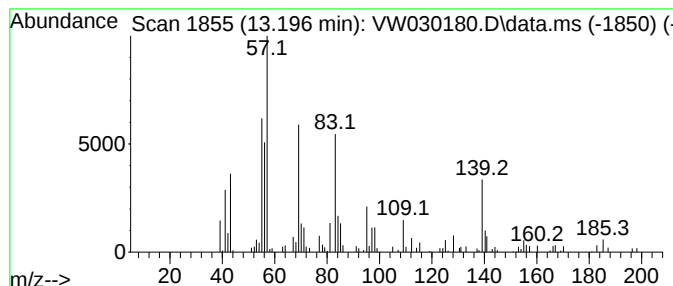
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic13.196 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.196	1.98 ug/L	47306	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetradecane	196	C14H28	000295-17-0	46
2			1-Decene	140	C10H20	000872-05-9	45
3			Cyclopropane, 1,1-dimethyl-2-pen...	140	C10H20	062167-97-9	30
4			3-Octene, 2,2-dimethyl-	140	C10H20	086869-76-3	30
5			2-Chloro-2-methylnonane	176	C10H21Cl	004325-50-2	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030180.D
Acq On : 20 Sep 2024 17:14
Operator : SY/MD
Sample : P4109-16
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4ET8

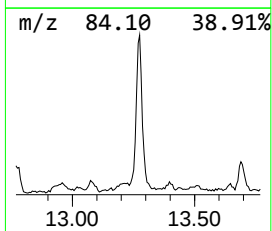
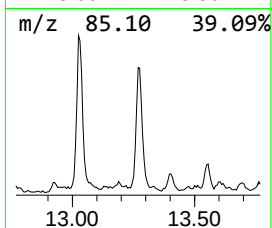
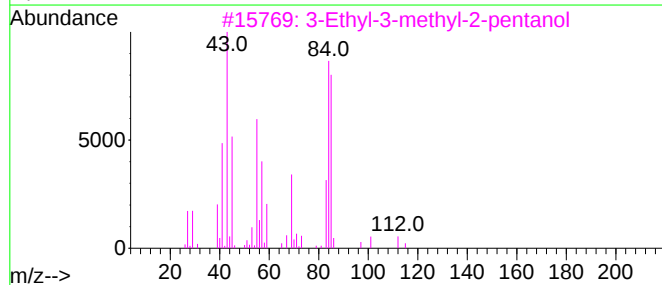
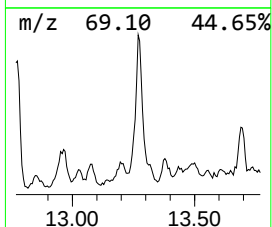
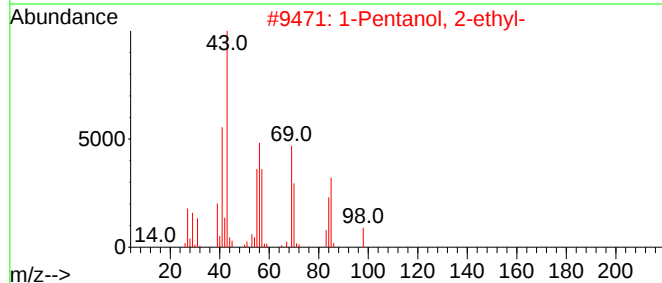
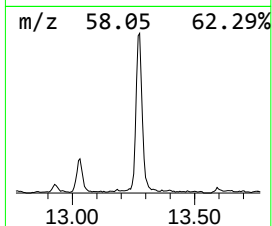
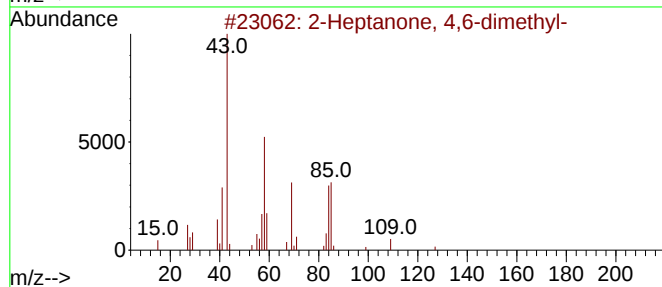
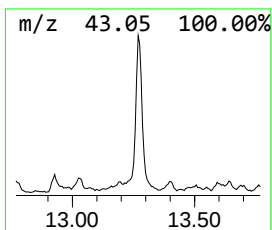
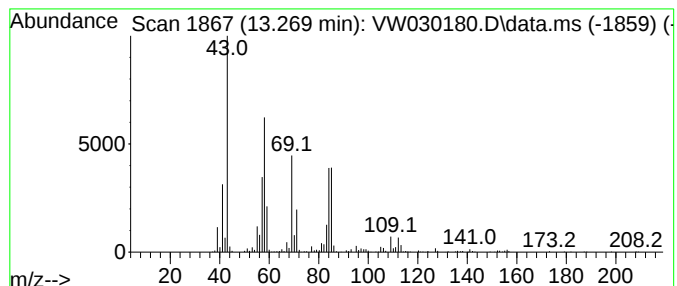
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Quant Title : SFAM01.0

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

Peak Number 7 2-Heptanone, 4,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.269	18.55 ug/L	442632	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Heptanone, 4,6-dimethyl-	142	C9H18O	019549-80-5	72
2			1-Pentanol, 2-ethyl-	116	C7H16O	027522-11-8	38
3			3-Ethyl-3-methyl-2-pentanol	130	C8H18O	066576-22-5	38
4			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	35
5			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030180.D
Acq On : 20 Sep 2024 17:14
Operator : SY/MD
Sample : P4109-16
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4ET8

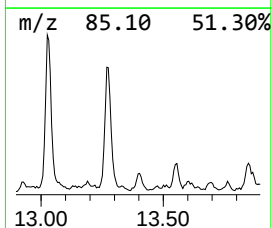
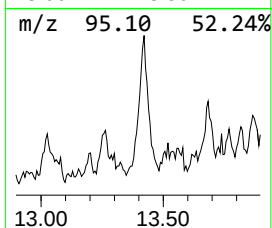
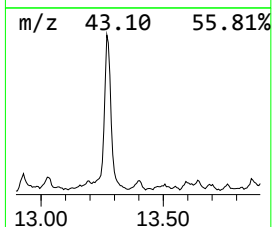
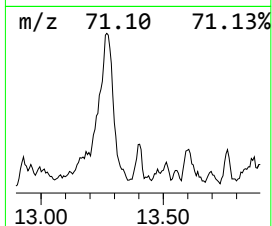
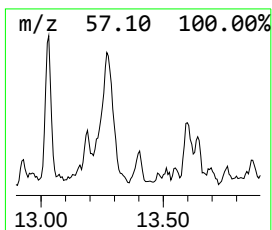
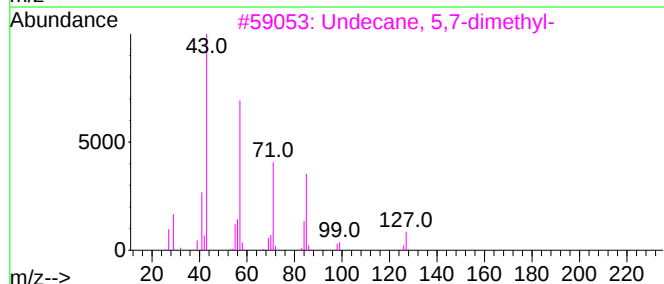
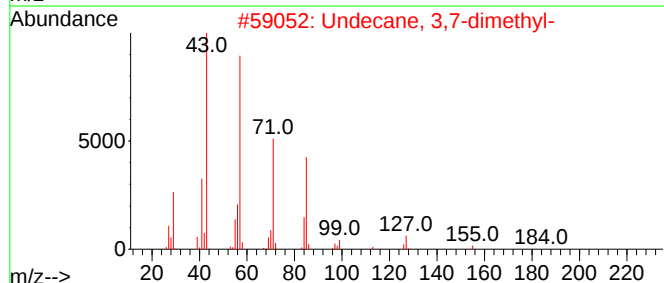
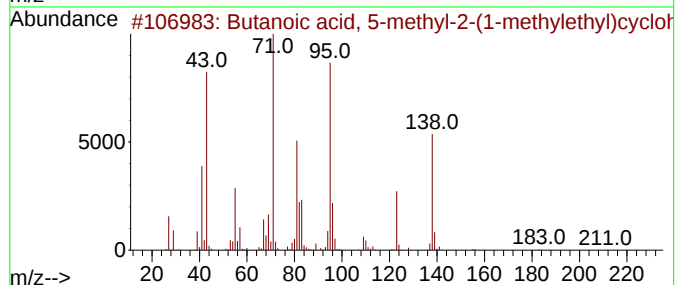
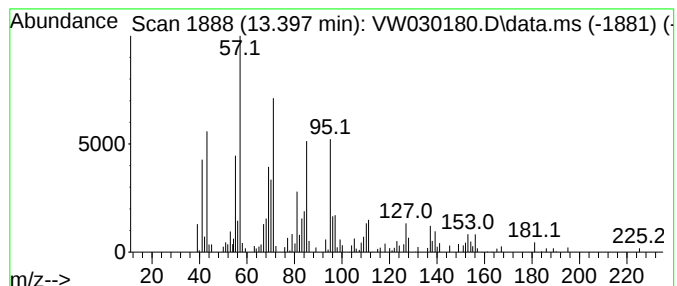
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Quant Title : SFAM01.0

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

Peak Number 8 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.397	3.18 ug/L	75947	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanoic acid, 5-methyl-2-(1-met...	226	C14H26O2	092319-43-2	43
2			Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	35
3			Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	35
4			Sulfurous acid, decyl hexyl ester	306	C16H34O3S	1000309-13-2	22
5			2-Nonanol, trimethylacetate	228	C14H28O2	1000463-21-6	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030180.D
Acq On : 20 Sep 2024 17:14
Operator : SY/MD
Sample : P4109-16
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4ET8

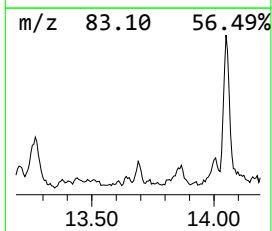
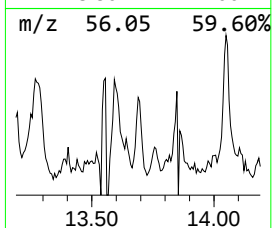
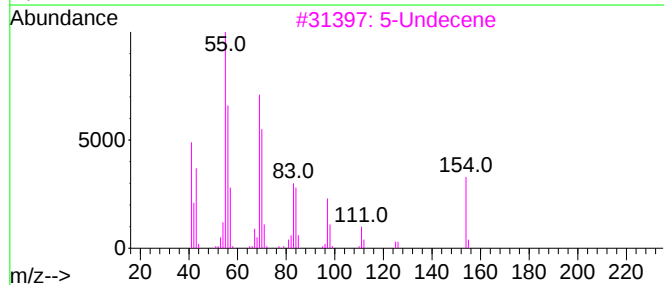
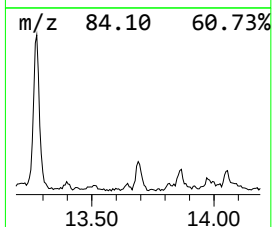
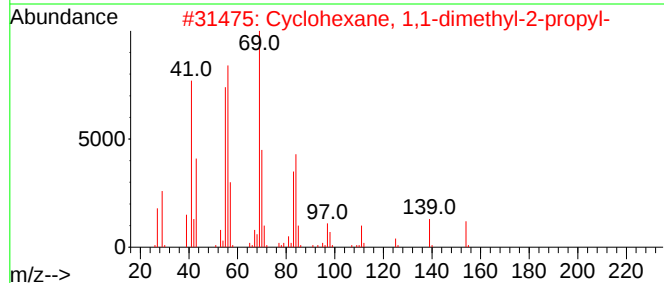
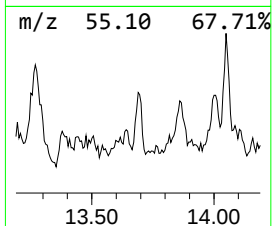
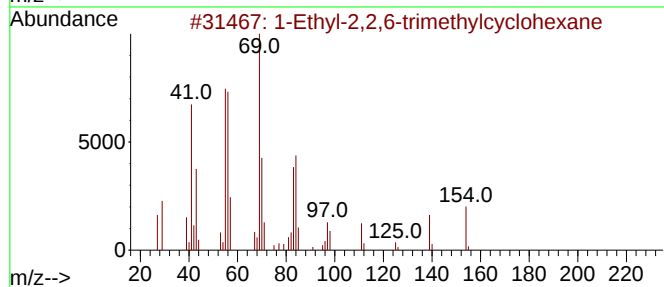
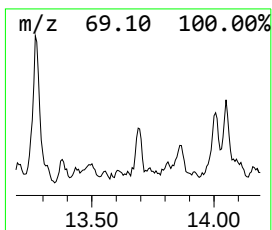
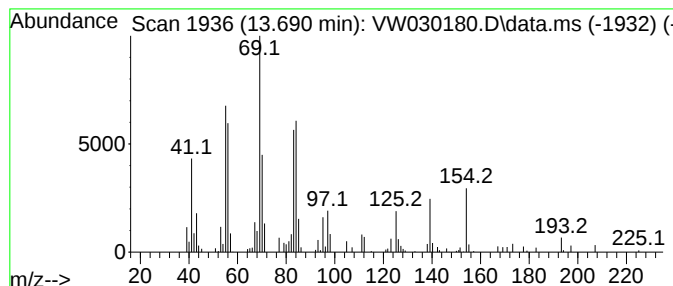
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Cyclic13.690 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.690	1.87 ug/L	44572	1,4-Dichlorobenzene-d4	13.555

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	91
2		Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	90
3		5-Undecene	154	C11H22	004941-53-1	50
4		Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	49
5		2,3-Dimethyl-3-heptene, (Z)-	126	C9H18	059643-73-1	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030180.D
Acq On : 20 Sep 2024 17:14
Operator : SY/MD
Sample : P4109-16
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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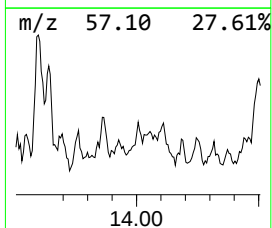
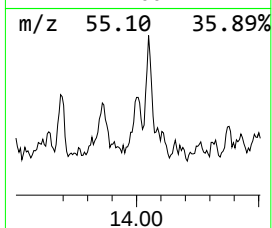
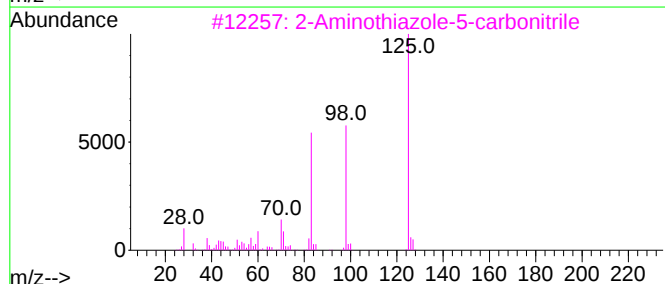
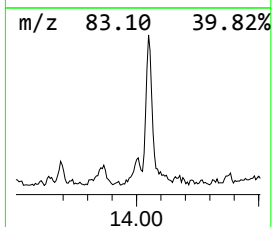
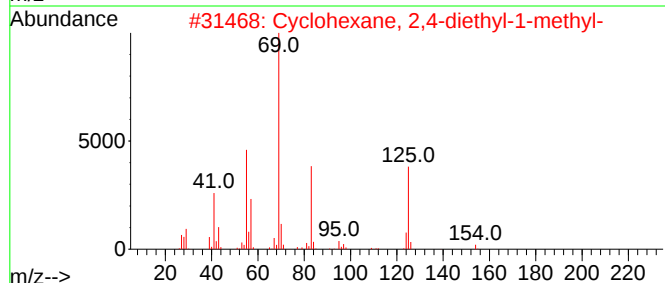
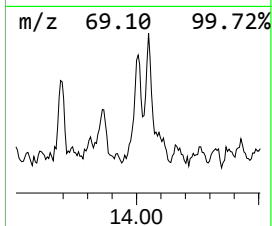
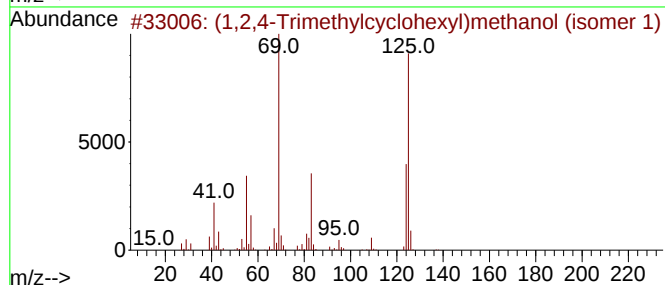
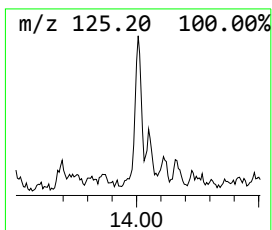
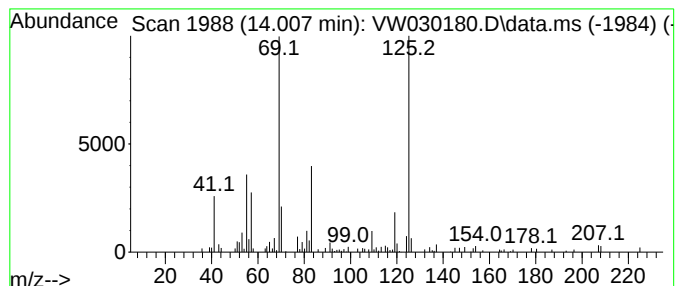
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Quant Title : SFAM01.0

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

Peak Number 10 (1,2,4-Trimethylcyclohexyl)... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.007	1.25 ug/L	29884	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(1,2,4-Trimethylcyclohexyl)metha...	156	C10H20O	1000499-03-8	56
2			Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	47
3			2-Aminothiazole-5-carbonitrile	125	C4H3N3S	051640-52-9	46
4			(1,2,4-Trimethylcyclohexyl)metha...	156	C10H20O	1000499-03-9	42
5			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030180.D
Acq On : 20 Sep 2024 17:14
Operator : SY/MD
Sample : P4109-16
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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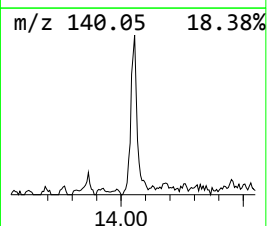
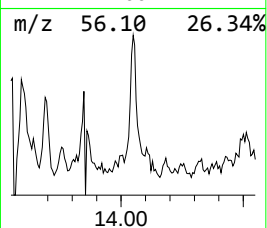
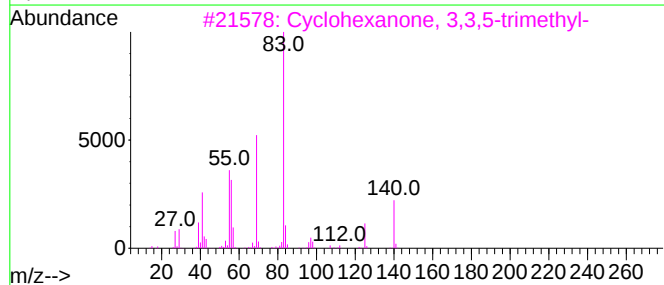
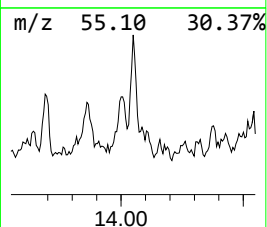
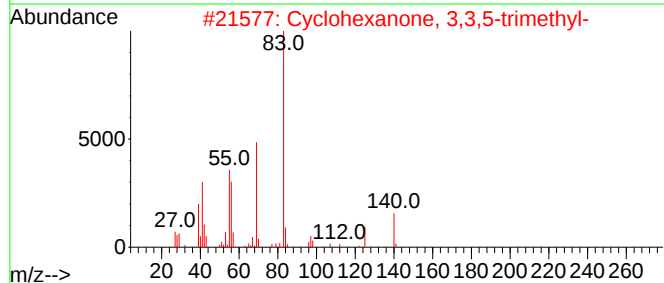
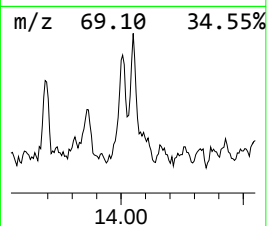
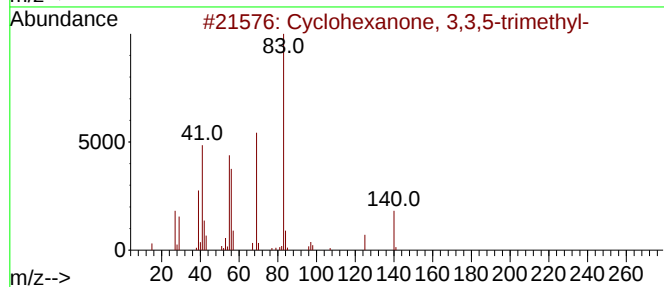
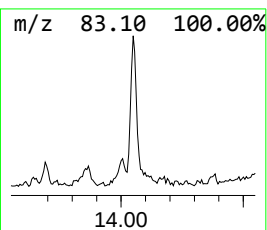
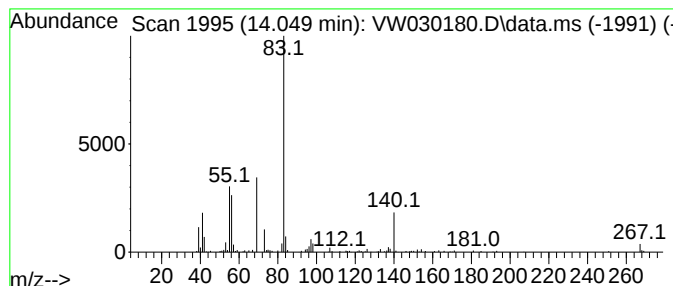
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Quant Title : SFAM01.0

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

Peak Number 11 Cyclohexanone, 3,3,5-trimet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.049	3.75 ug/L	89491	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	83
2			Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	72
3			Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	64
4			Cyclohexane, butyl-	140	C10H20	001678-93-9	59
5			1,1-Hexylenedioxybutane	172	C10H20O2	1000249-77-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030180.D
Acq On : 20 Sep 2024 17:14
Operator : SY/MD
Sample : P4109-16
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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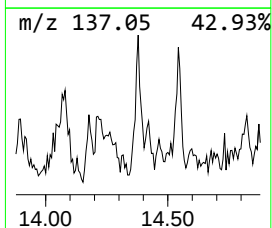
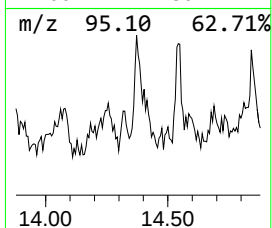
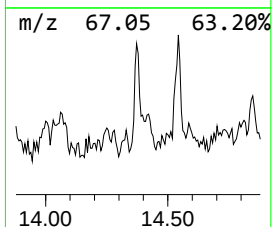
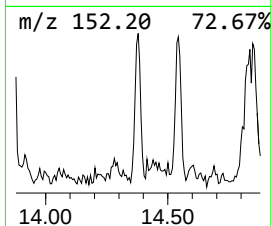
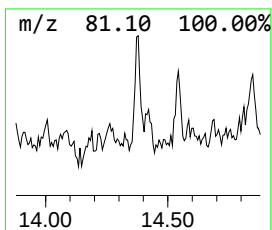
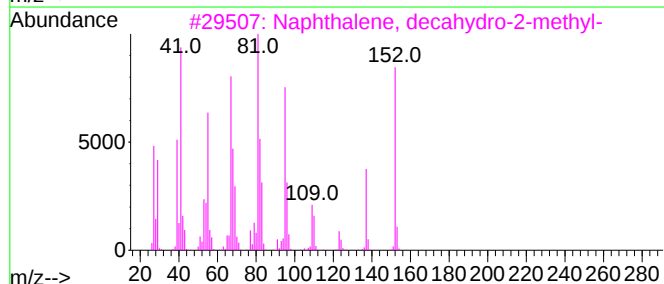
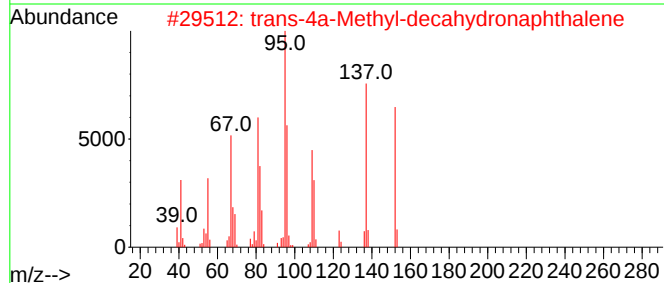
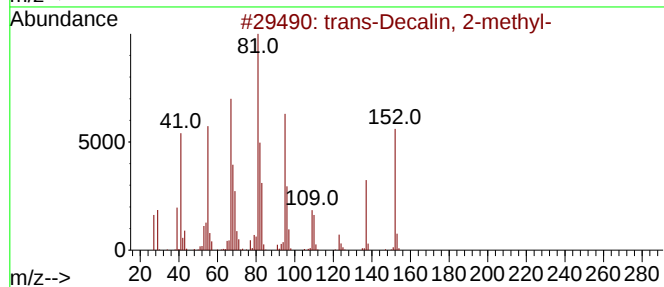
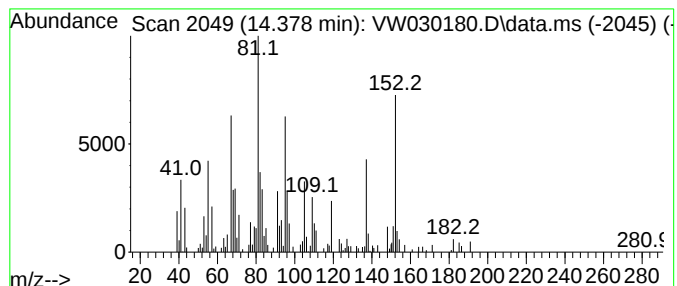
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Quant Title : SFAM01.0

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

Peak Number 12 trans-Decalin, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.378	1.86 ug/L	44308	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	96
2			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	83
3			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	78
4			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	64
5			Pulegone	152	C10H16O	000089-82-7	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030180.D
Acq On : 20 Sep 2024 17:14
Operator : SY/MD
Sample : P4109-16
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4ET8

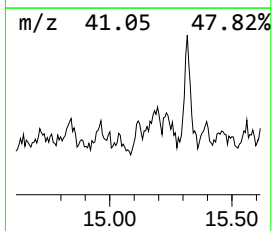
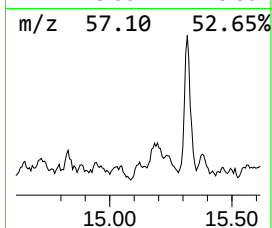
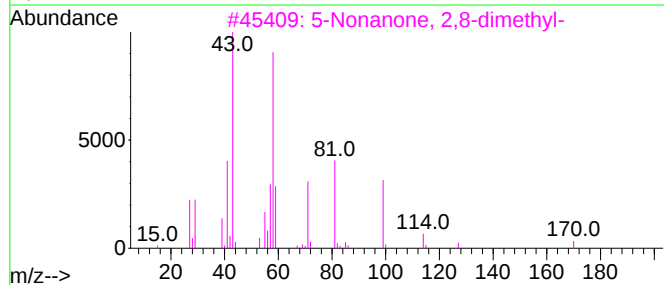
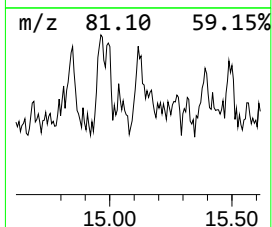
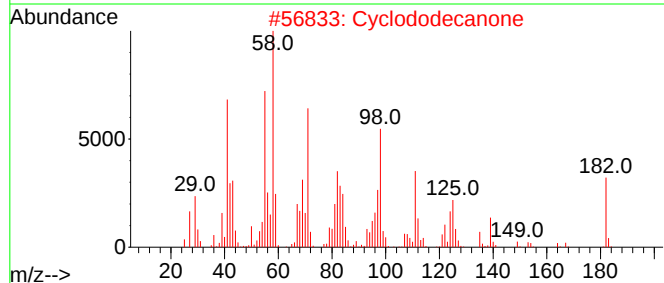
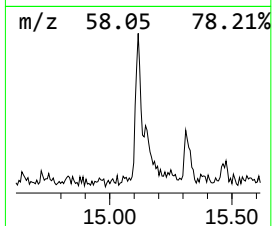
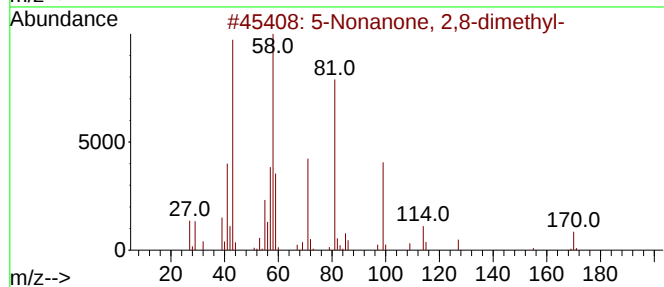
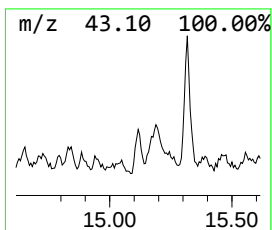
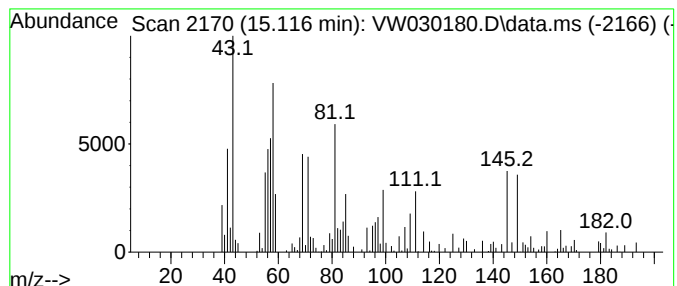
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Quant Title : SFAM01.0

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

Peak Number 13 5-Nonanone, 2,8-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.116	2.02 ug/L	48126	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Nonanone, 2,8-dimethyl-	170	C11H22O	002050-99-9	55
2			Cyclododecanone	182	C12H22O	000830-13-7	46
3			5-Nonanone, 2,8-dimethyl-	170	C11H22O	002050-99-9	43
4			2-Decanone	156	C10H20O	000693-54-9	38
5			Thioacetamide, (4-chlorophenyl)-...	270	C13H9ClN2S	156483-23-7	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030180.D
Acq On : 20 Sep 2024 17:14
Operator : SY/MD
Sample : P4109-16
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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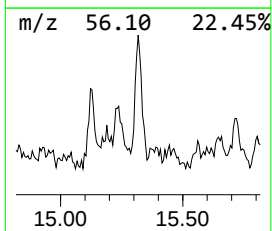
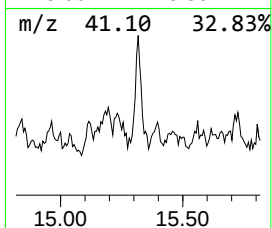
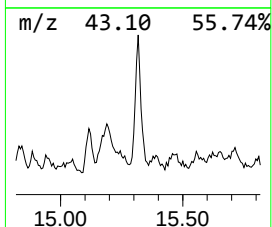
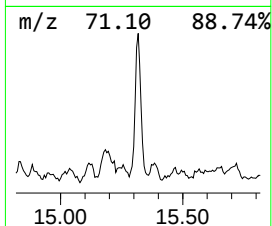
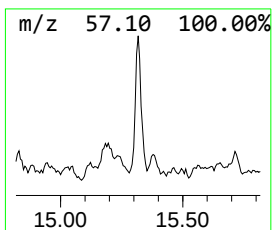
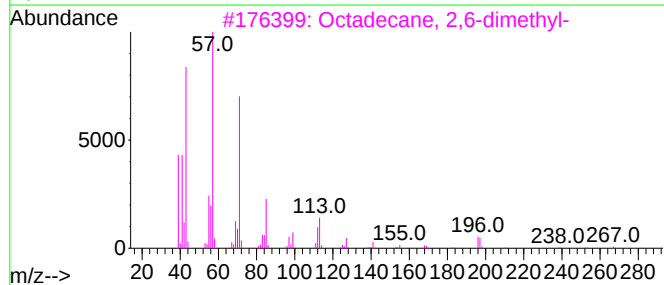
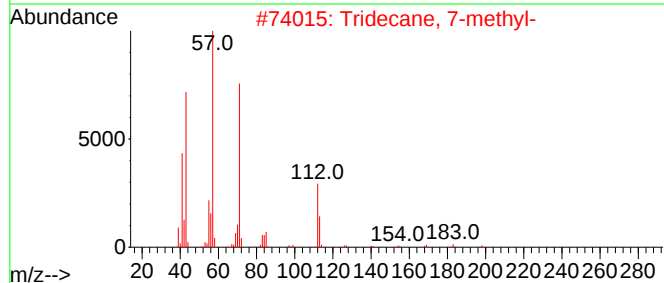
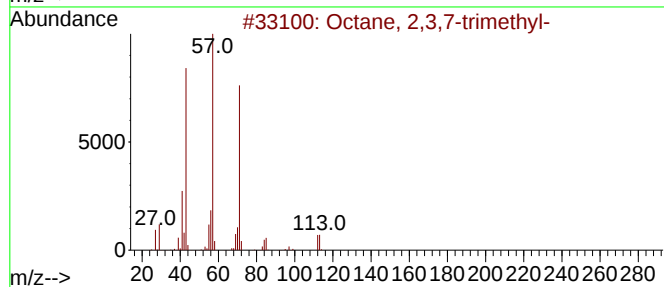
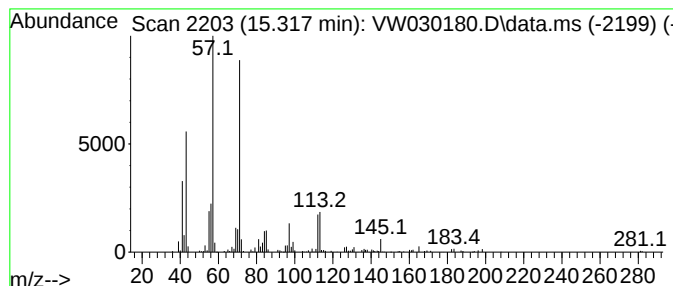
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Quant Title : SFAM01.0

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.317	4.22 ug/L	100618	1,4-Dichlorobenzene-d4	13.555

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	72
2		Tridecane, 7-methyl-	198	C14H30	026730-14-3	72
3		Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	72
4		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	64
5		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030180.D
Acq On : 20 Sep 2024 17:14
Operator : SY/MD
Sample : P4109-16
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4ET8

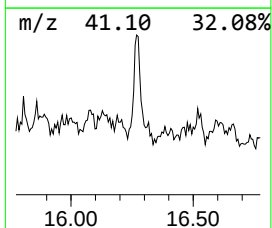
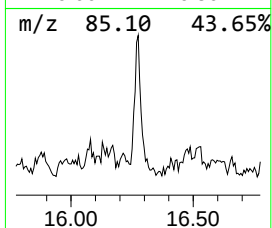
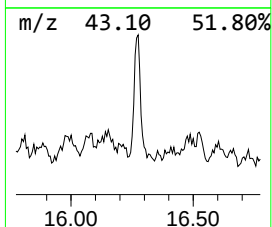
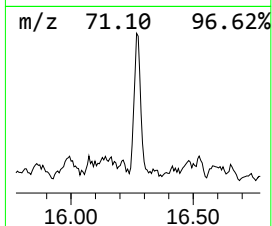
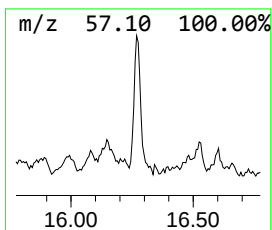
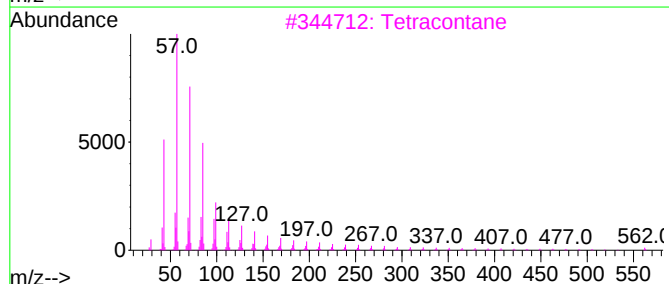
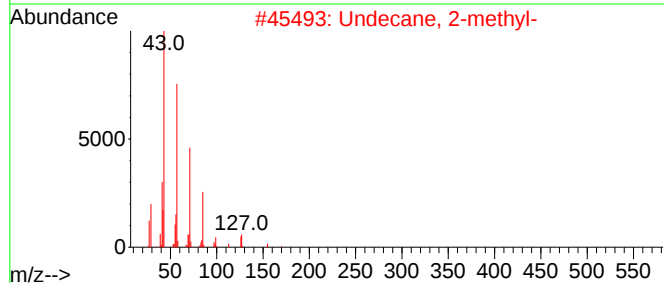
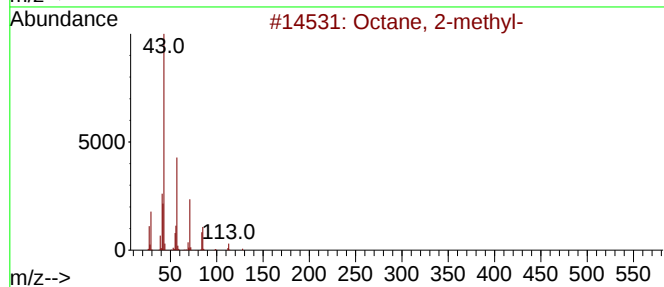
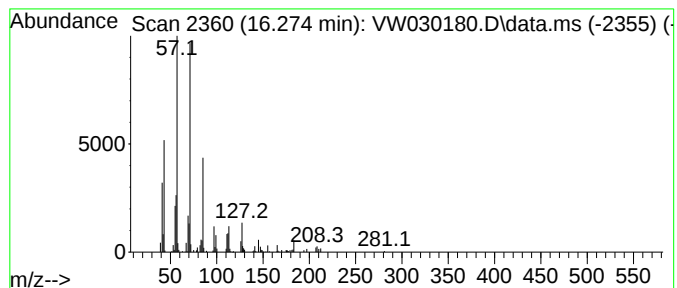
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Quant Title : SFAM01.0

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.274	3.70 ug/L	88277	1,4-Dichlorobenzene-d4	13.555

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2-methyl-	128	C9H20	003221-61-2	83
2		Undecane, 2-methyl-	170	C12H26	007045-71-8	72
3		Tetracontane	563	C40H82	004181-95-7	72
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030180.D
Acq On : 20 Sep 2024 17:14
Operator : SY/MD
Sample : P4109-16
Misc : 5.26g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4ET8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.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
(DEL) Alkane: S...	12.775	5.6	ug/L	134610	3	13.555	596582	25.0
(DEL) Alkane: S...	12.946	3.7	ug/L	87534	3	13.555	596582	25.0
4-Heptanone, 2,...	13.025	3.9	ug/L	92915	3	13.555	596582	25.0
(DEL) Alkane: C...	13.196	2.0	ug/L	47306	3	13.555	596582	25.0
2-Heptanone, 4,...	13.269	18.6	ug/L	442632	3	13.555	596582	25.0
unknown-01	13.397	3.2	ug/L	75947	3	13.555	596582	25.0
(DEL) Alkane: C...	13.690	1.9	ug/L	44572	3	13.555	596582	25.0
(1,2,4-Trimethy...	14.007	1.3	ug/L	29884	3	13.555	596582	25.0
Cyclohexanone, ...	14.049	3.8	ug/L	89491	3	13.555	596582	25.0
trans-Decalin, ...	14.378	1.9	ug/L	44308	3	13.555	596582	25.0
5-Nonanone, 2,8...	15.116	2.0	ug/L	48126	3	13.555	596582	25.0
(DEL) Alkane: S...	15.317	4.2	ug/L	100618	3	13.555	596582	25.0
(DEL) Alkane: S...	16.274	3.7	ug/L	88277	3	13.555	596582	25.0