

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
 Data File : VW030172.D
 Acq On : 20 Sep 2024 13:39
 Operator : SY/MD
 Sample : P4109-08RE
 Misc : 4.56g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4EK0RE

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: VW030172.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	68	78	92	rBV	66393	152997	12.77%	1.237%
2	2.503	97	101	102	rBV4	1518	1983	0.17%	0.016%
3	2.783	145	147	148	rBV2	426	332	0.03%	0.003%
4	2.814	150	152	154	rVV	777	540	0.05%	0.004%
5	2.899	157	166	184	rVV2	43401	133757	11.16%	1.082%
6	3.204	214	216	219	rBV	303	296	0.02%	0.002%
7	3.363	240	242	243	rBV	432	328	0.03%	0.003%
8	3.393	243	247	251	rVV3	1303	2329	0.19%	0.019%
9	3.448	255	256	259	rBV2	247	256	0.02%	0.002%
10	3.527	266	269	271	rBV2	360	311	0.03%	0.003%
11	3.728	298	302	306	rBV3	478	910	0.08%	0.007%
12	3.887	321	328	330	rBV3	326	664	0.06%	0.005%
13	4.021	339	350	360	rBV2	133122	399101	33.31%	3.228%
14	4.119	360	366	378	rVB	36871	106521	8.89%	0.861%
15	4.393	402	411	422	rVV3	5697	17816	1.49%	0.144%
16	4.917	487	497	512	rBV3	6829	25077	2.09%	0.203%
17	5.149	533	535	537	rVB3	369	324	0.03%	0.003%
18	5.435	579	582	584	rBV4	290	410	0.03%	0.003%
19	5.789	630	640	649	rBV3	3722	12256	1.02%	0.099%
20	5.947	657	666	675	rVB4	2676	8191	0.68%	0.066%
21	6.057	681	684	687	rBV2	310	340	0.03%	0.003%
22	6.143	696	698	702	rVB2	308	423	0.04%	0.003%
23	6.868	812	817	819	rBV2	233	389	0.03%	0.003%
24	6.899	819	822	823	rBV3	295	277	0.02%	0.002%
25	6.990	829	837	840	rBV6	567	1504	0.13%	0.012%
26	7.075	843	851	860	rBV	32633	94961	7.93%	0.768%
27	7.173	861	867	878	rVB	17694	50389	4.21%	0.407%
28	7.514	916	923	924	rBV4	549	975	0.08%	0.008%
29	7.648	935	945	960	rVV	206567	511192	42.67%	4.134%
30	7.929	981	991	993	rBV5	1461	2969	0.25%	0.024%
31	8.032	1002	1008	1013	rBV4	966	2116	0.18%	0.017%
32	8.160	1020	1029	1035	rBV4	2865	6964	0.58%	0.056%
33	8.276	1036	1048	1064	rBV2	405943	1198084	100.00%	9.689%
34	8.435	1068	1074	1076	rBV6	1473	2547	0.21%	0.021%
35	8.465	1078	1079	1080	rBV	1024	684	0.06%	0.006%
36	8.575	1091	1097	1105	rVB5	2362	5146	0.43%	0.042%

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

37	8.703	1109	1118	1124	rBV5	1683	3821	0.32%	0.031%
38	8.837	1131	1140	1156	rBV	531149	1057723	88.28%	8.554%
39	9.075	1170	1179	1184	rBV7	1668	4442	0.37%	0.036%
40	9.148	1188	1191	1198	rVB2	937	1712	0.14%	0.014%
41	9.209	1198	1201	1202	rBV2	297	294	0.02%	0.002%
42	9.276	1202	1212	1219	rBV	264971	555684	46.38%	4.494%
43	9.380	1227	1229	1239	rVB7	4846	8434	0.70%	0.068%
44	9.465	1241	1243	1245	rVB2	471	364	0.03%	0.003%
45	9.520	1247	1252	1256	rVB4	1147	1622	0.14%	0.013%
46	9.605	1256	1266	1272	rBV5	4901	12271	1.02%	0.099%
47	9.672	1273	1277	1279	rBV4	384	583	0.05%	0.005%
48	9.752	1283	1290	1299	rVB3	8769	18161	1.52%	0.147%
49	9.892	1302	1313	1318	rBV4	7245	16330	1.36%	0.132%
50	9.941	1318	1321	1325	rBV5	1677	2533	0.21%	0.020%
51	9.989	1325	1329	1330	rBV2	3352	4264	0.36%	0.034%
52	10.032	1330	1336	1343	rBV	126728	224937	18.77%	1.819%
53	10.209	1360	1365	1367	rBV3	2374	4177	0.35%	0.034%
54	10.239	1368	1370	1375	rVB3	3284	4994	0.42%	0.040%
55	10.319	1375	1383	1399	rBV	449854	843779	70.43%	6.824%
56	10.441	1399	1403	1406	rVV5	3163	4714	0.39%	0.038%
57	10.502	1406	1413	1419	rVB6	9336	25516	2.13%	0.206%
58	10.575	1419	1425	1435	rBV	76247	148312	12.38%	1.199%
59	10.666	1435	1440	1442	rVV2	13191	22520	1.88%	0.182%
60	10.697	1443	1445	1450	rVB2	11726	16442	1.37%	0.133%
61	10.758	1450	1455	1461	rBV6	7161	16302	1.36%	0.132%
62	10.843	1465	1469	1475	rVB2	9771	16305	1.36%	0.132%
63	10.922	1475	1482	1491	rBV2	154655	278835	23.27%	2.255%
64	11.032	1496	1500	1508	rVV	18244	41010	3.42%	0.332%
65	11.111	1508	1513	1516	rVV3	8485	15702	1.31%	0.127%
66	11.178	1520	1524	1527	rVV	19415	33716	2.81%	0.273%
67	11.227	1527	1532	1538	rVV	54715	101175	8.44%	0.818%
68	11.282	1538	1541	1544	rVV4	7757	12498	1.04%	0.101%
69	11.337	1544	1550	1554	rVV3	29235	57297	4.78%	0.463%
70	11.373	1554	1556	1561	rVV2	14697	27126	2.26%	0.219%
71	11.434	1562	1566	1573	rVB	27620	47699	3.98%	0.386%
72	11.507	1573	1578	1582	rBV2	13527	25029	2.09%	0.202%
73	11.629	1591	1598	1607	rBV	466090	794606	66.32%	6.426%
74	11.763	1616	1620	1623	rBV3	13654	22046	1.84%	0.178%
75	11.812	1623	1628	1632	rVB5	17062	32284	2.69%	0.261%
76	11.867	1632	1637	1641	rBV	41772	71286	5.95%	0.576%

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 Title : SFAM01.0

77	11.971	1650	1654	1657	rBV3	15618	27628	2.31%	0.223%
78	12.056	1663	1668	1673	rVB4	18963	34970	2.92%	0.283%
79	12.135	1674	1681	1687	rBV3	73390	165348	13.80%	1.337%
80	12.245	1695	1699	1704	rVB	91703	149654	12.49%	1.210%
81	12.361	1704	1718	1729	rBV4	125708	481174	40.16%	3.891%
82	12.611	1754	1759	1764	rVB4	38603	76394	6.38%	0.618%
83	12.690	1765	1772	1777	rBV	180326	342417	28.58%	2.769%
84	12.775	1782	1786	1792	rVB2	104287	188128	15.70%	1.521%
85	12.855	1792	1799	1804	rBV6	53720	136449	11.39%	1.103%
86	12.940	1805	1813	1817	rBV4	115414	291334	24.32%	2.356%
87	13.074	1831	1835	1839	rBV3	60614	87381	7.29%	0.707%
88	13.123	1839	1843	1845	rBV2	40785	64289	5.37%	0.520%
89	13.160	1846	1849	1856	rVB3	89812	148954	12.43%	1.205%
90	13.288	1867	1870	1874	rVB2	61629	77257	6.45%	0.625%
91	13.336	1875	1878	1882	rBV2	50216	66990	5.59%	0.542%
92	13.556	1909	1914	1926	rVB2	210081	392436	32.76%	3.174%
93	13.867	1958	1965	1970	rBV2	164754	468781	39.13%	3.791%
94	14.190	2014	2018	2022	rBV5	44101	71241	5.95%	0.576%
95	14.257	2026	2029	2034	rVB4	72964	111936	9.34%	0.905%
96	14.379	2045	2049	2054	rVB2	157916	232832	19.43%	1.883%
97	14.787	2113	2116	2119	rBV3	85832	136531	11.40%	1.104%
98	14.830	2120	2123	2130	rVB2	171257	328530	27.42%	2.657%
99	15.318	2198	2203	2210	rVB	336037	551812	46.06%	4.463%
100	16.269	2355	2359	2368	rVB	217826	413049	34.48%	3.340%

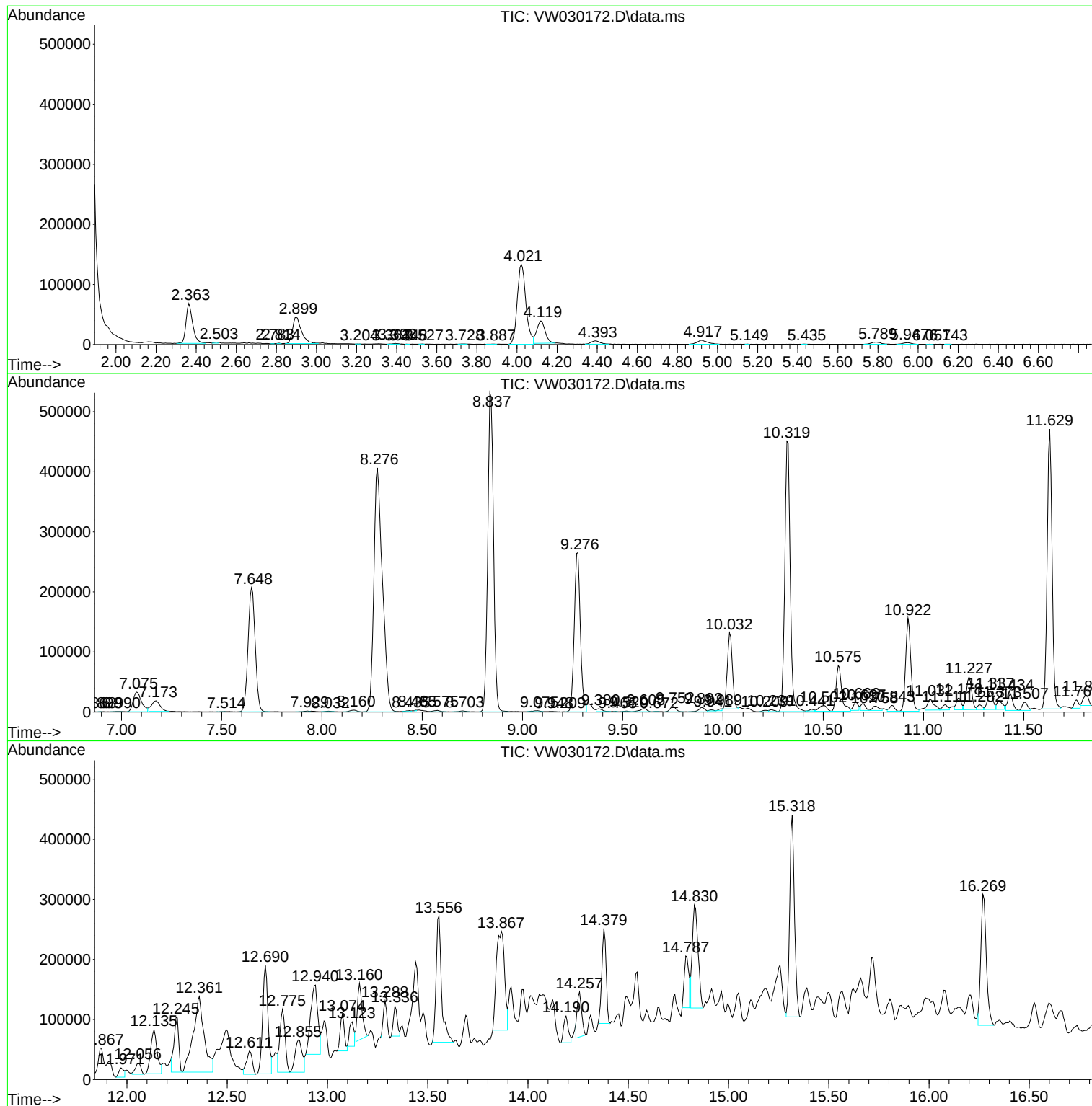
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ALS Vial : 9 Sample Multiplier: 1

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



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A4EK0RE

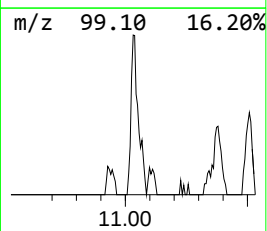
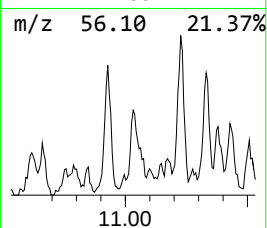
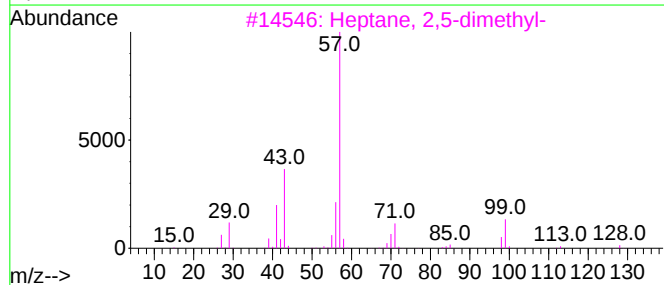
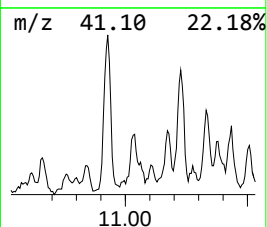
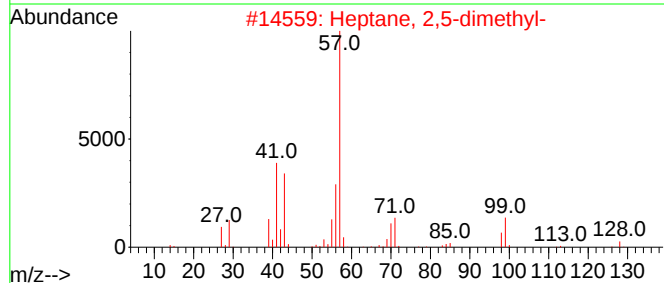
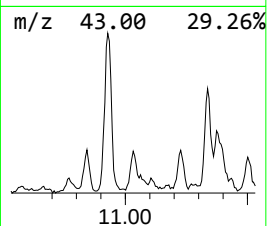
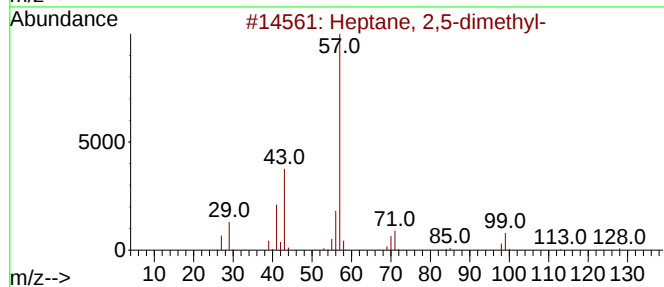
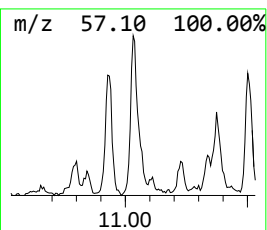
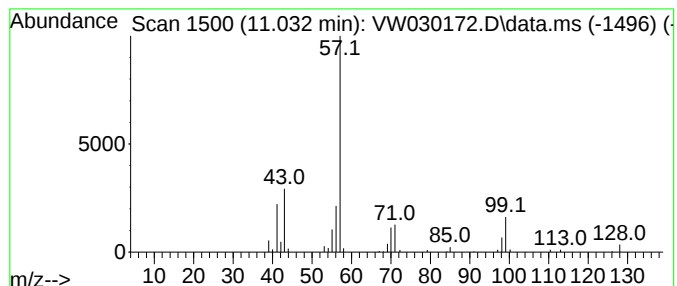
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.032	1.29 ug/L	41010	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
2			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	86
3			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	72
4			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	64
5			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	59



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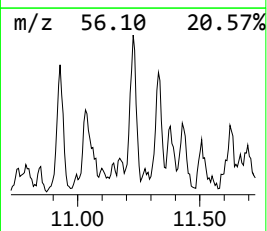
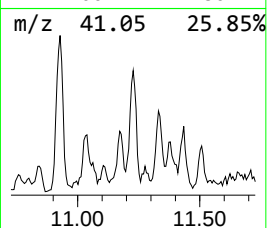
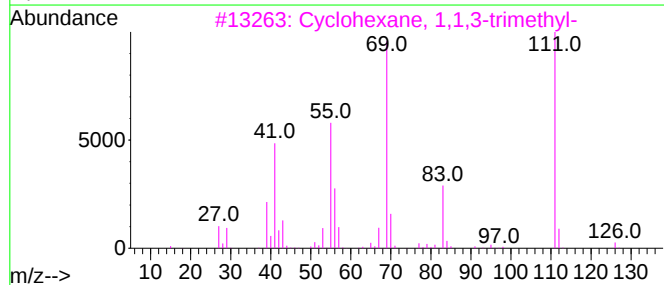
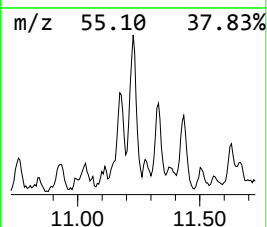
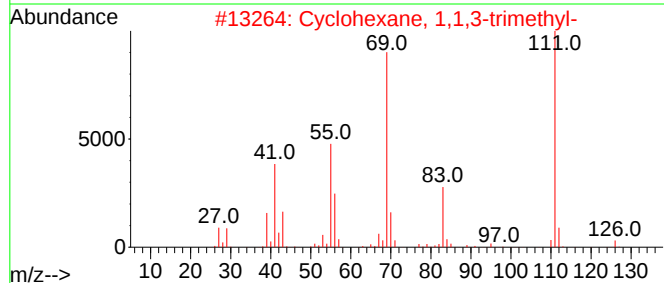
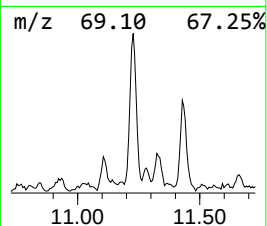
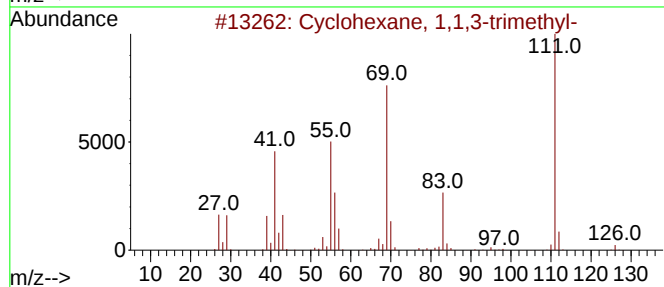
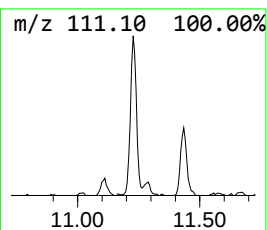
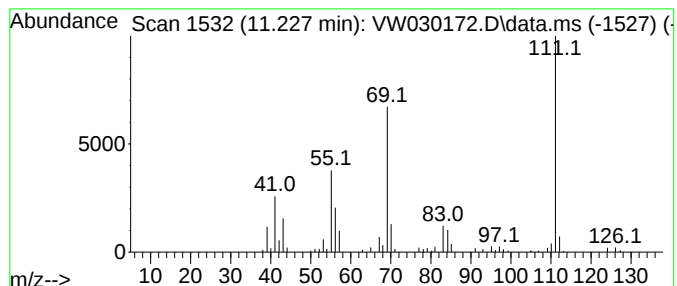
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Cyclic11.227 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	3.18 ug/L	101175	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	87
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	81
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	60
4			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	53
5			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	53



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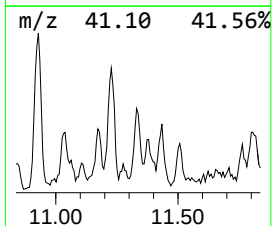
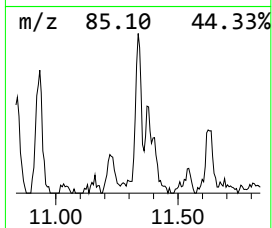
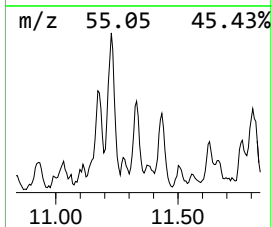
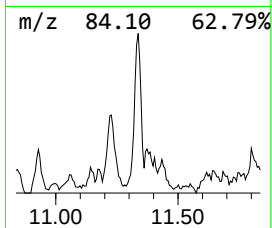
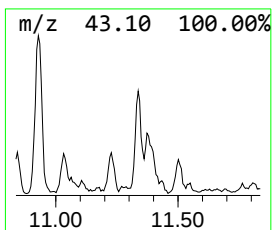
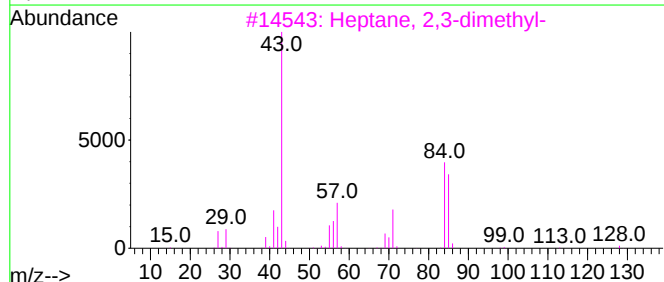
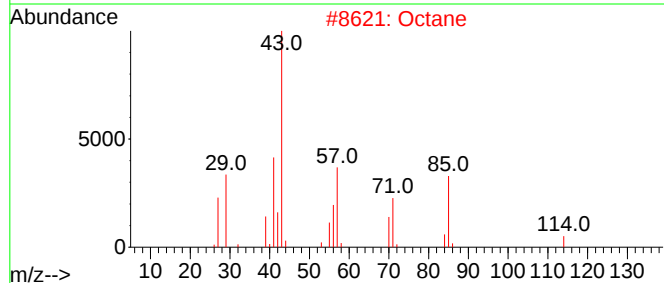
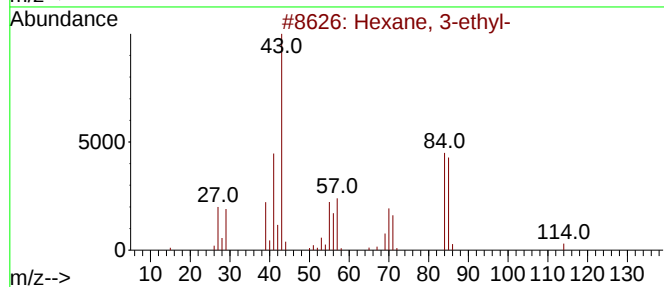
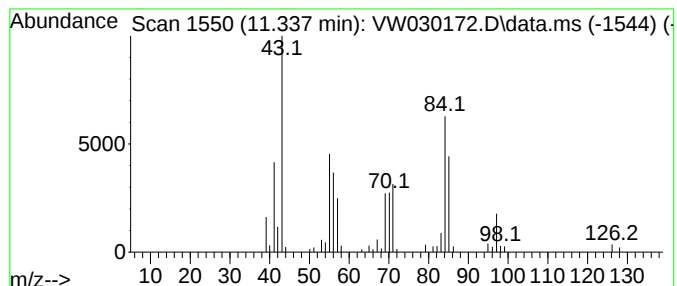
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.337	1.80 ug/L	57297	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3-ethyl-	114	C8H18	000619-99-8	59
2			Octane	114	C8H18	000111-65-9	50
3			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	50
4			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	47
5			Octane	114	C8H18	000111-65-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030172.D
Acq On : 20 Sep 2024 13:39
Operator : SY/MD
Sample : P4109-08RE
Misc : 4.56g/10mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0RE

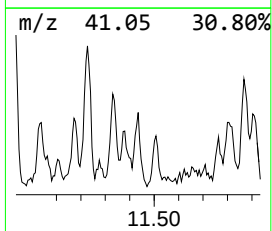
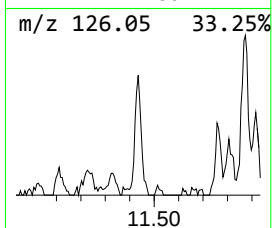
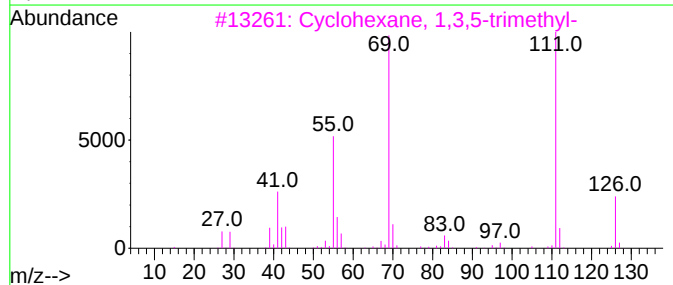
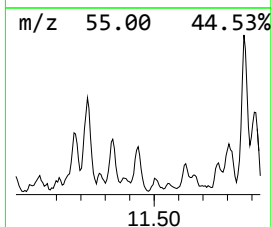
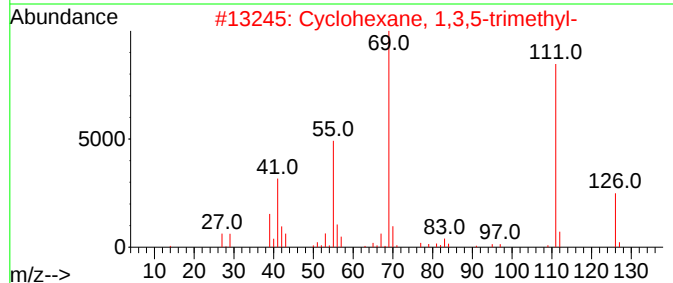
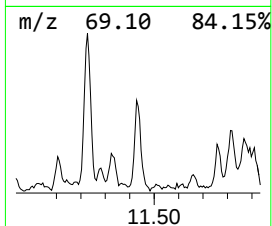
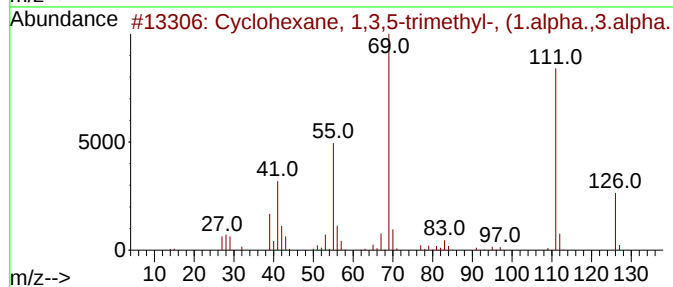
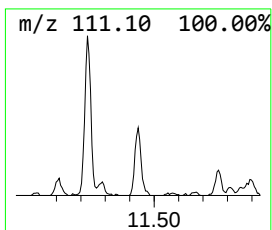
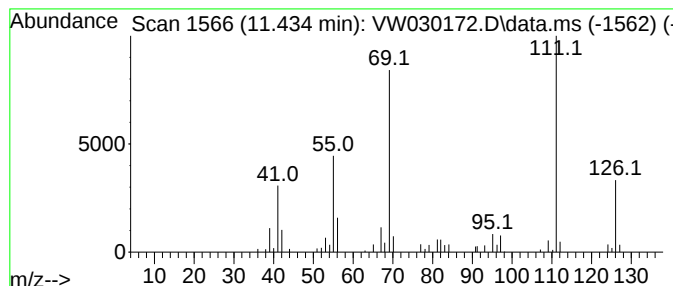
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Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic11.434 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.434	1.50 ug/L	47699	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	86
2			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	80
3			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	80
4			2-Pyrazoline, 1-isopropyl-5-methyl-	126	C7H14N2	026964-54-5	80
5			Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030172.D
Acq On : 20 Sep 2024 13:39
Operator : SY/MD
Sample : P4109-08RE
Misc : 4.56g/10mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

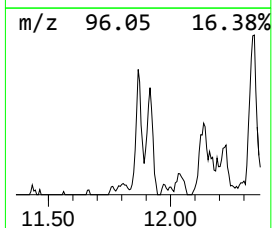
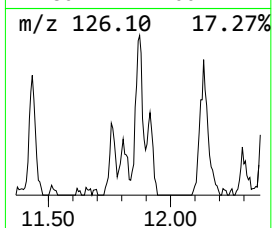
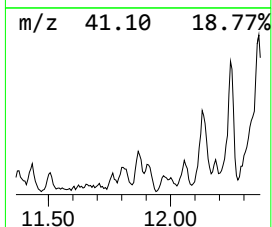
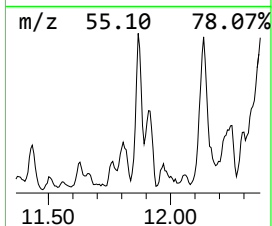
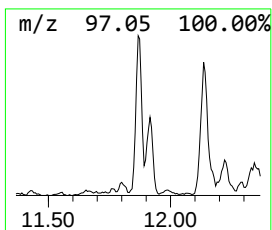
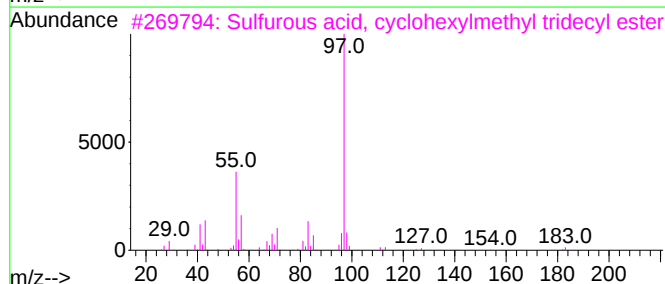
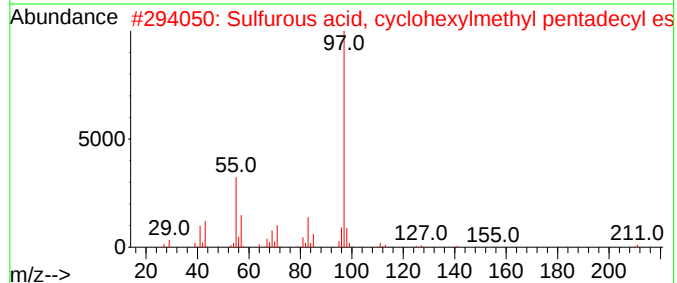
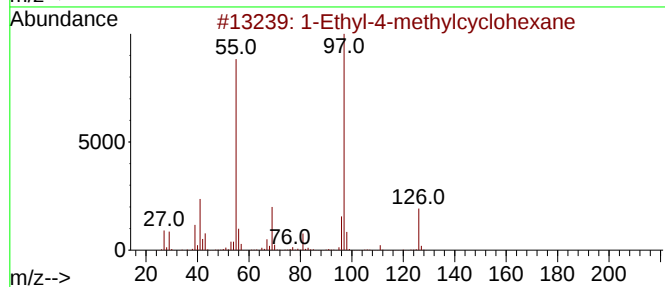
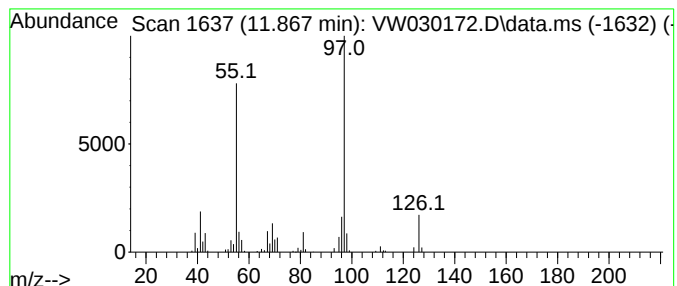
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MSVOA_W
ClientSampleId :
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Quant Title : SFAM01.0

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

Peak Number 6 (DEL) Alkane: Cyclic11.867 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.867	2.24 ug/L	71286	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	90
2	Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	78
3	Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	78
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	74
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030172.D
Acq On : 20 Sep 2024 13:39
Operator : SY/MD
Sample : P4109-08RE
Misc : 4.56g/10mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0RE

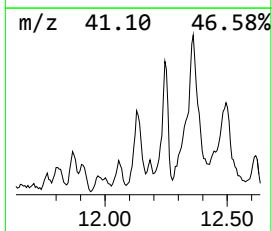
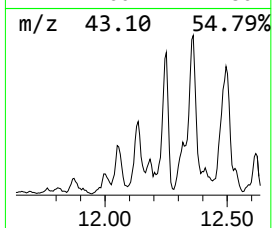
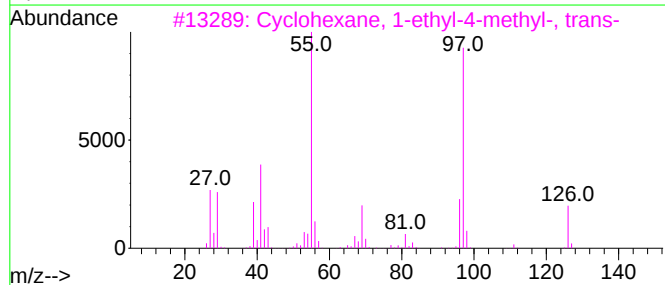
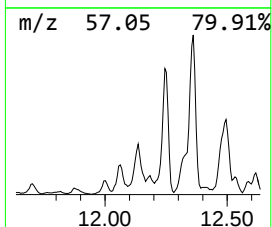
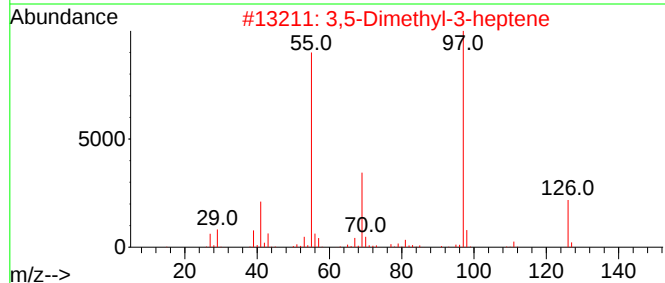
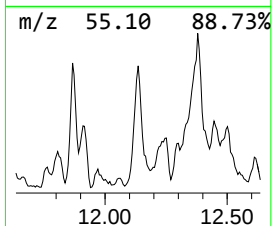
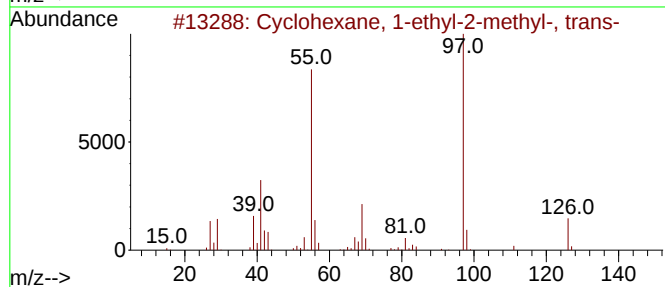
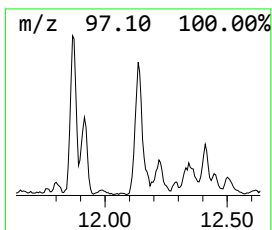
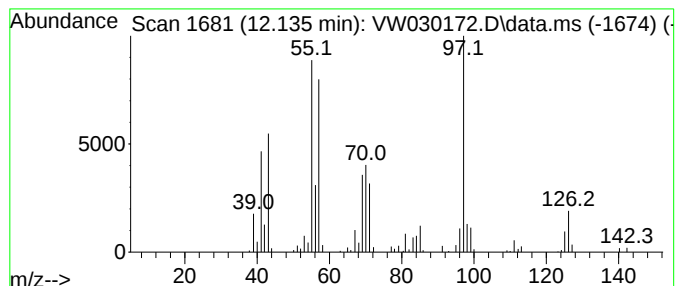
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Quant Title : SFAM01.0

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

Peak Number 7 (DEL) Alkane: Cyclic12.135 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.135	5.20 ug/L	165348	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	45
2			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	43
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	43
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	43
5			Thiophene, 2-propyl-	126	C7H10S	001551-27-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030172.D
Acq On : 20 Sep 2024 13:39
Operator : SY/MD
Sample : P4109-08RE
Misc : 4.56g/10mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0RE

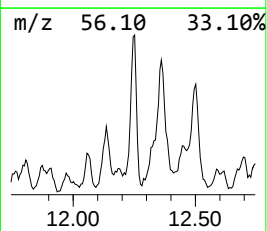
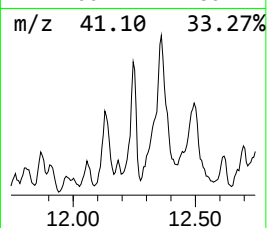
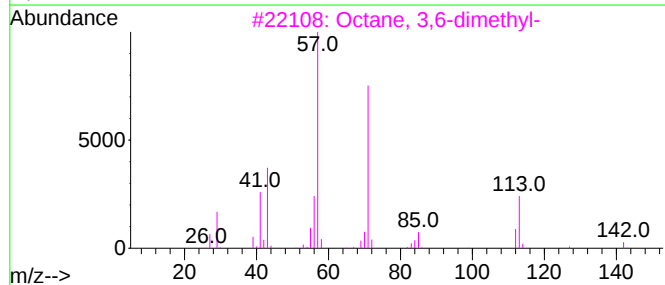
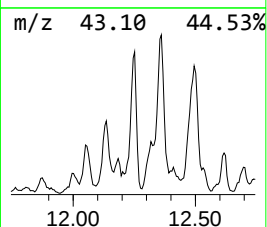
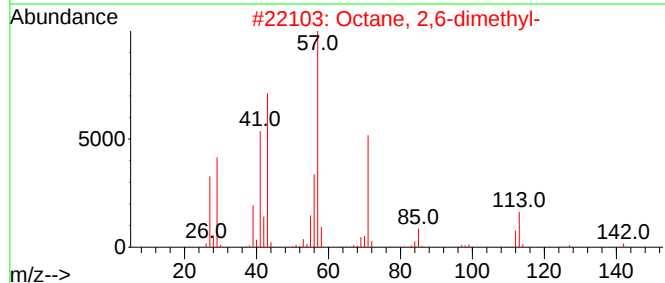
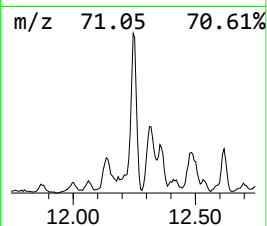
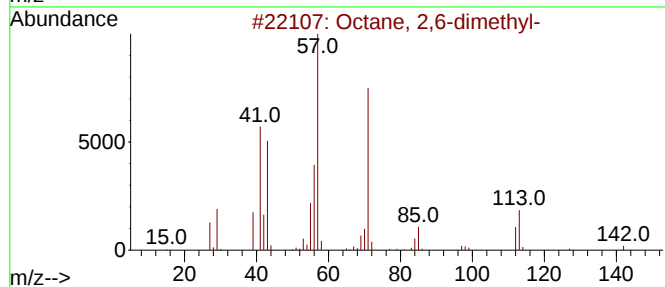
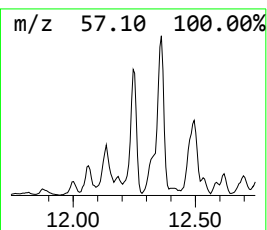
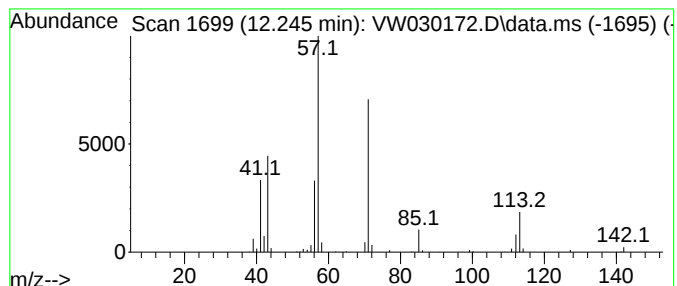
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.245	4.71 ug/L	149654	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	91
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
5			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030172.D
Acq On : 20 Sep 2024 13:39
Operator : SY/MD
Sample : P4109-08RE
Misc : 4.56g/10mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0RE

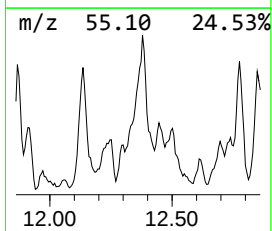
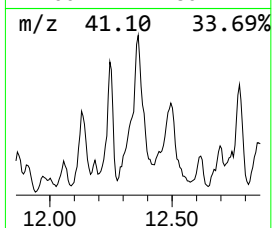
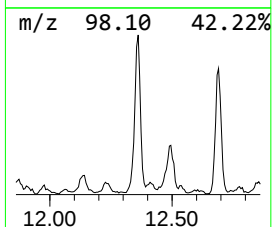
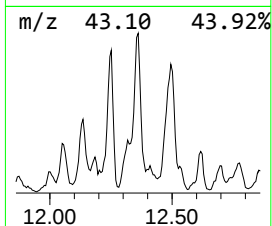
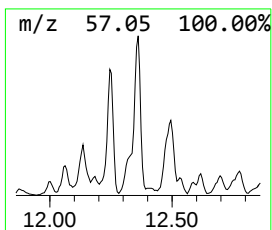
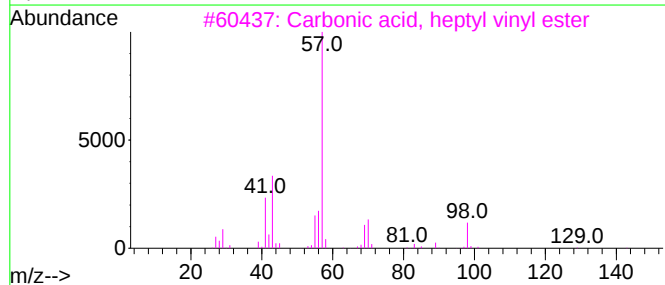
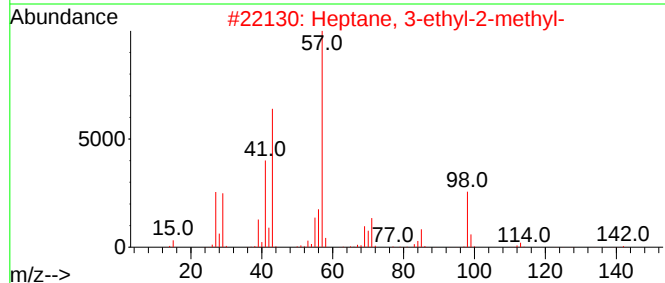
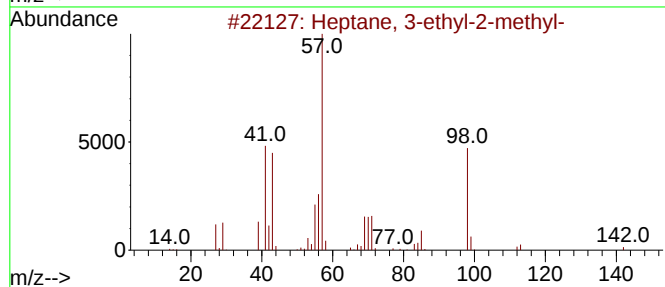
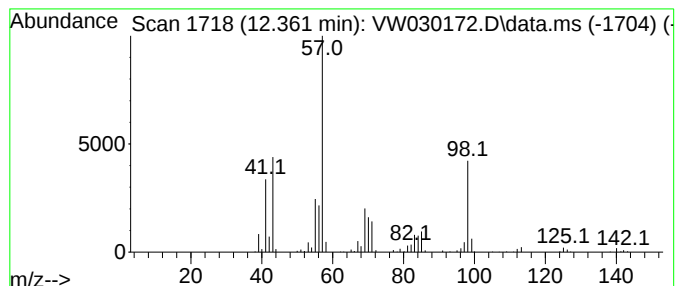
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	15.14 ug/L	481174	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	83
2			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
3			Carbonic acid, heptyl vinyl ester	186	C10H18O3	1010383-25-4	53
4			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53
5			Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030172.D
Acq On : 20 Sep 2024 13:39
Operator : SY/MD
Sample : P4109-08RE
Misc : 4.56g/10mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0RE

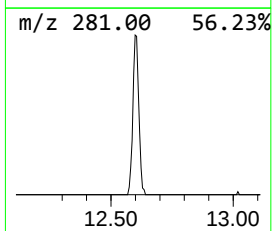
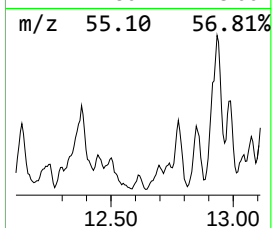
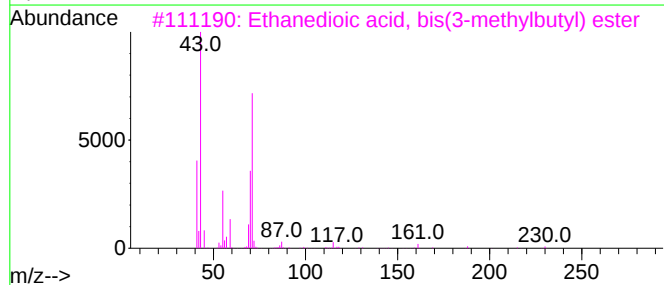
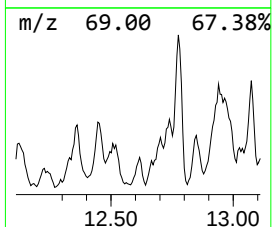
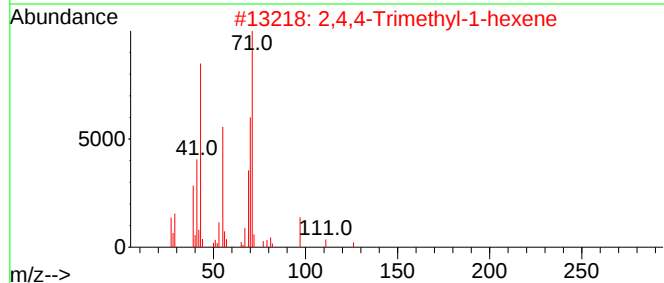
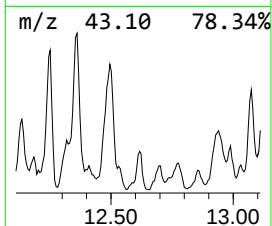
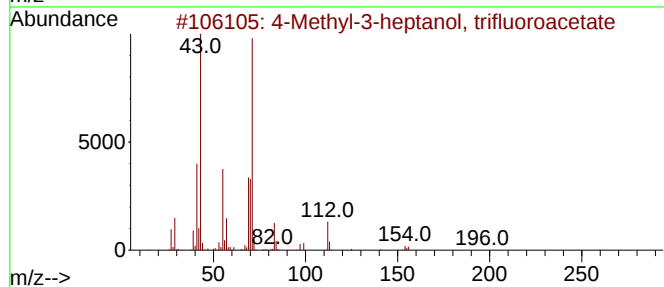
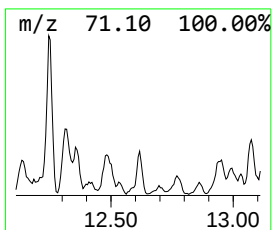
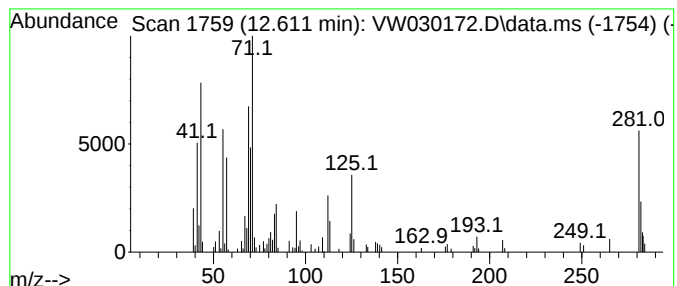
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Quant Title : SFAM01.0

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

Peak Number 10 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.611	4.87 ug/L	76394	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	43
2			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	35
3			Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	35
4			2-Ethyl-1-butanol, trifluoroacetate	198	C8H13F3O2	116464-98-3	27
5			2-Furanmethanol, tetrahydro-, ac...	144	C7H12O3	000637-64-9	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030172.D
Acq On : 20 Sep 2024 13:39
Operator : SY/MD
Sample : P4109-08RE
Misc : 4.56g/10mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0RE

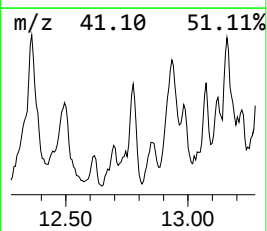
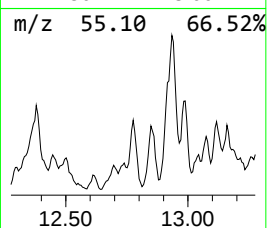
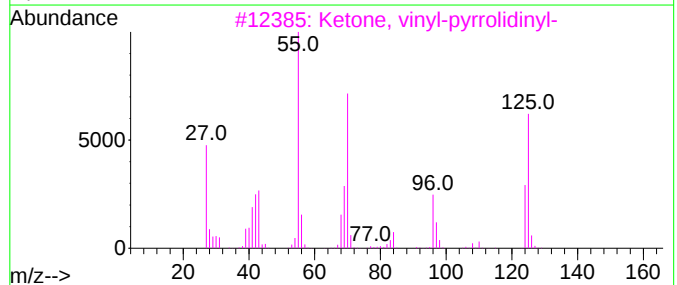
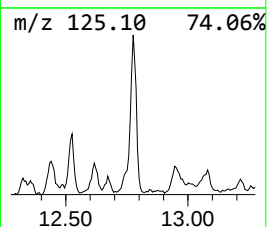
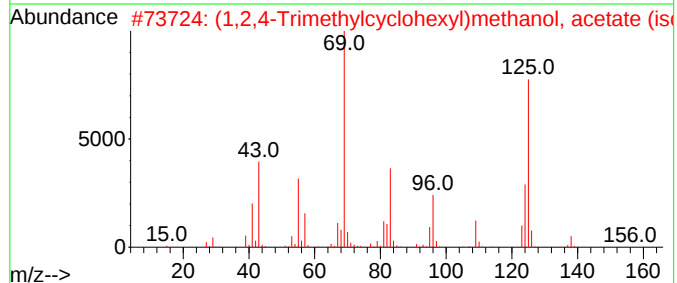
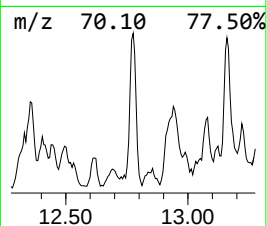
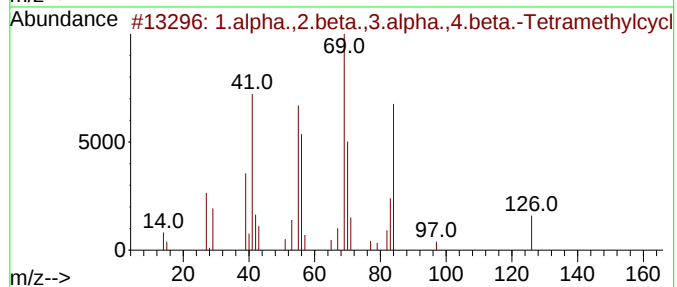
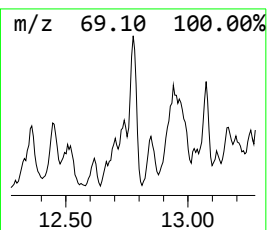
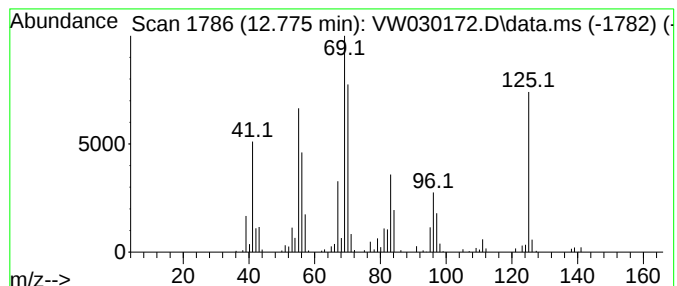
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Quant Title : SFAM01.0

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

Peak Number 11 (DEL) Alkane: Cyclic12.775 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	11.98 ug/L	188128	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1.alpha.,2.beta.,3.alpha.,4.beta...			126	C9H18	002532-67-4	43
2	(1,2,4-Trimethylcyclohexyl)metha...			198	C12H22O2	1000499-04-5	43
3	Ketone, vinyl-pyrrolidinyl-			125	C7H11NO	042104-70-1	43
4	Cyclopentane, ethyl-			98	C7H14	001640-89-7	43
5	trans-1-Butyl-2-methylcyclopropane			112	C8H16	038851-70-6	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030172.D
Acq On : 20 Sep 2024 13:39
Operator : SY/MD
Sample : P4109-08RE
Misc : 4.56g/10mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0RE

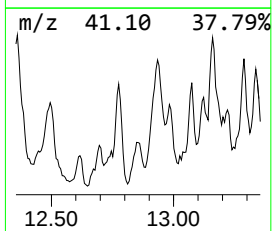
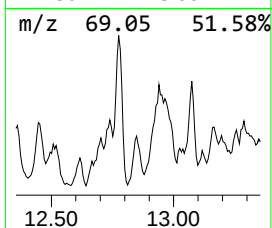
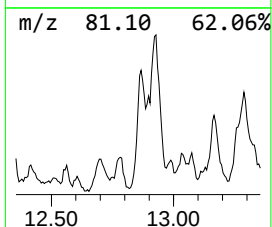
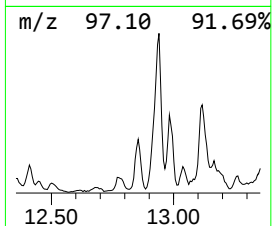
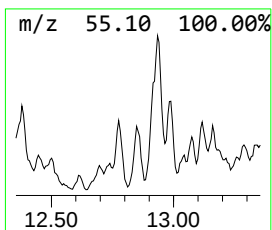
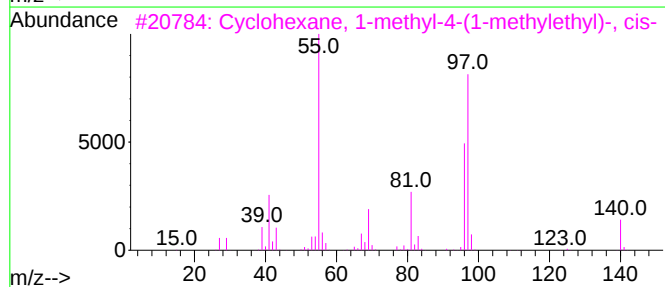
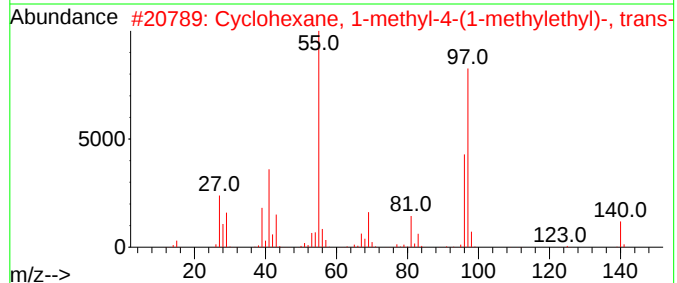
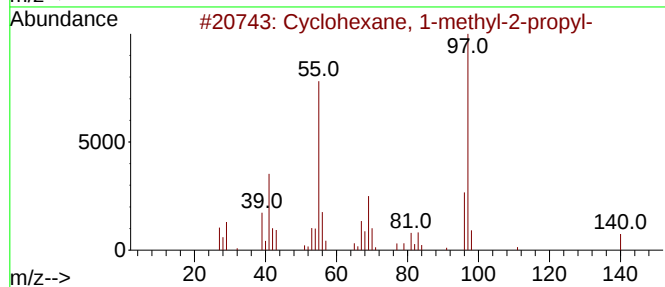
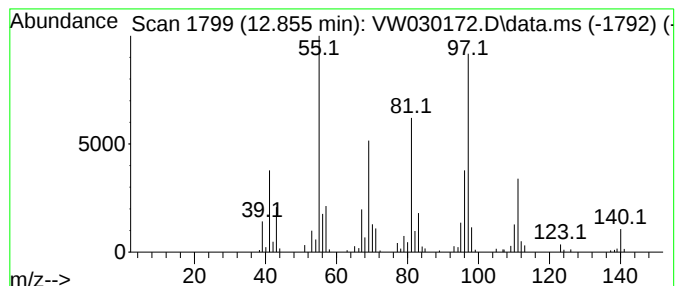
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Quant Title : SFAM01.0

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

Peak Number 12 (DEL) Alkane: Cyclic12.855 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.855	8.69 ug/L	136449	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	64
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	58
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	58
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	58
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030172.D
Acq On : 20 Sep 2024 13:39
Operator : SY/MD
Sample : P4109-08RE
Misc : 4.56g/10mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0RE

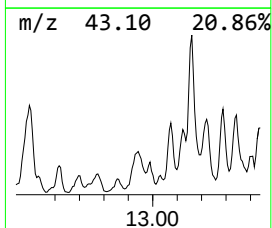
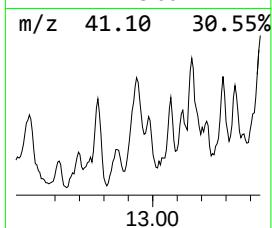
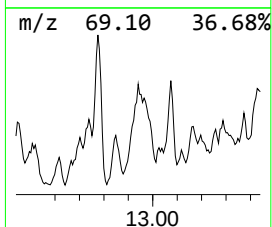
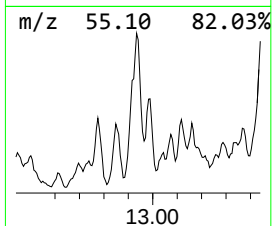
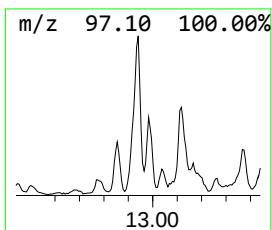
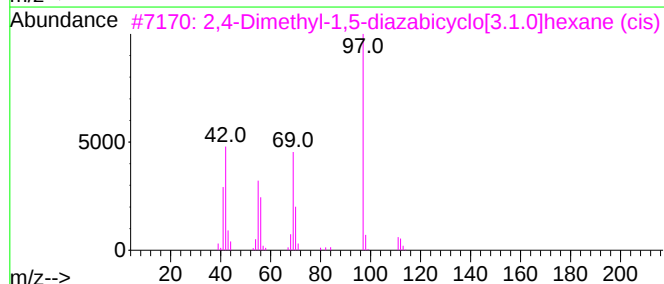
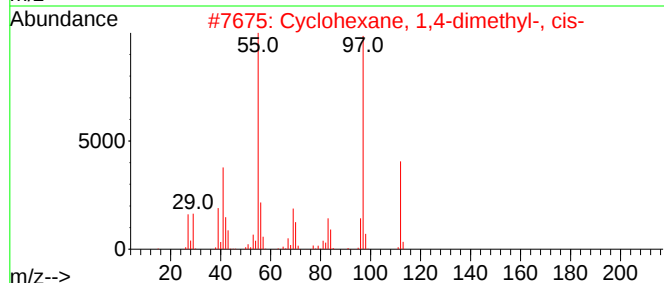
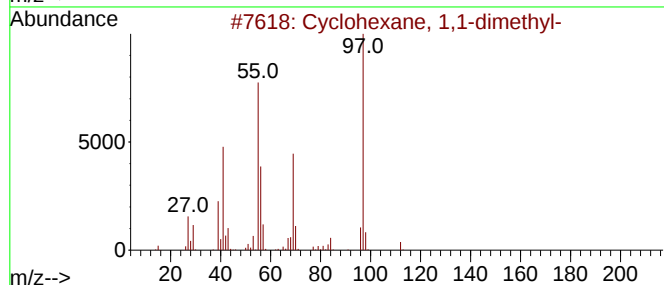
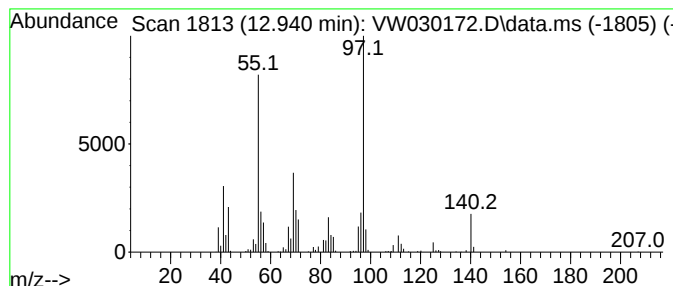
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Quant Title : SFAM01.0

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

Peak Number 13 (DEL) Alkane: Cyclic12.940 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.940	18.56 ug/L	291334	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	76
2			Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	64
3			2,4-Dimethyl-1,5-diazabicyclo[3.1.0]hexane (cis)	112	C6H12N2	100463-01-2	62
4			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	58
5			2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030172.D
Acq On : 20 Sep 2024 13:39
Operator : SY/MD
Sample : P4109-08RE
Misc : 4.56g/10mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0RE

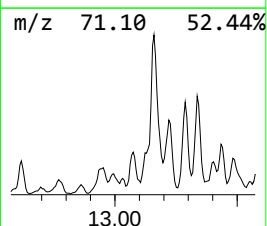
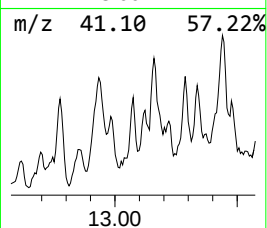
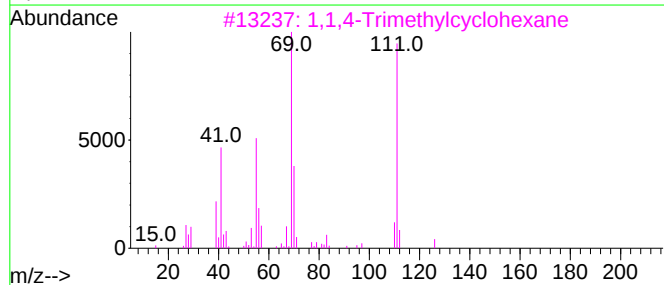
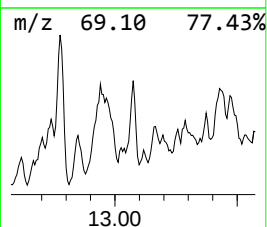
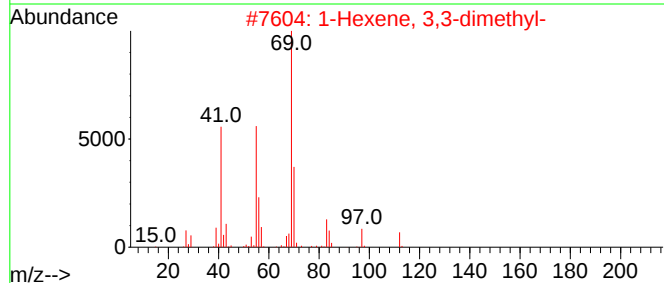
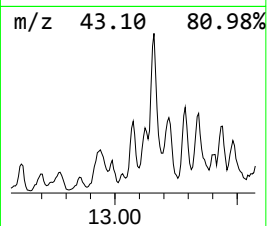
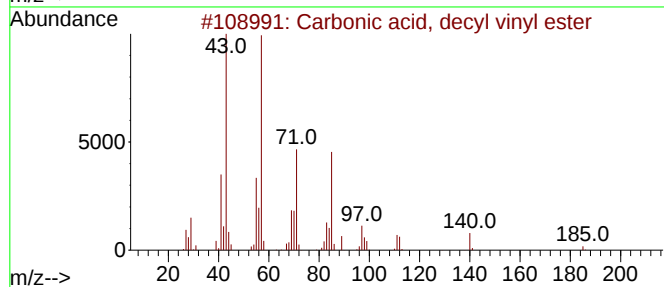
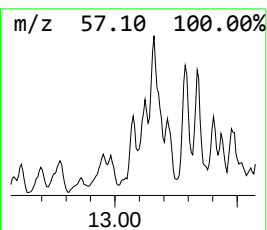
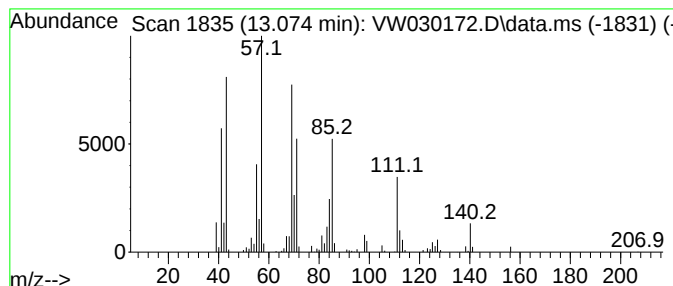
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Quant Title : SFAM01.0

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

Peak Number 14 unknown-02 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	5.57 ug/L	87381	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, decyl vinyl ester	228	C13H24O3	1000383-25-7	46
2			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38
3			1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	38
4			2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	38
5			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030172.D
Acq On : 20 Sep 2024 13:39
Operator : SY/MD
Sample : P4109-08RE
Misc : 4.56g/10mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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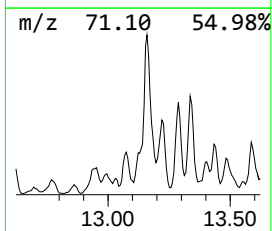
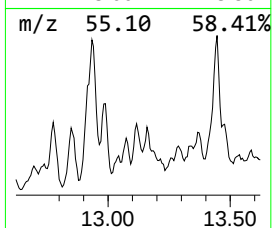
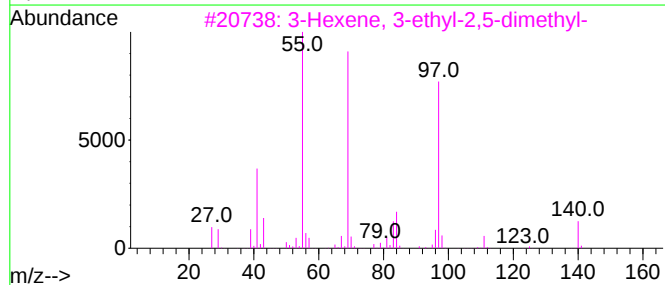
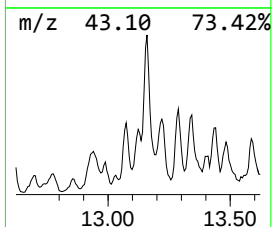
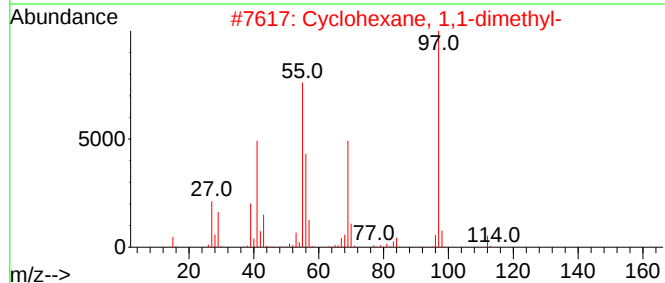
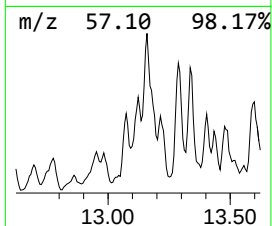
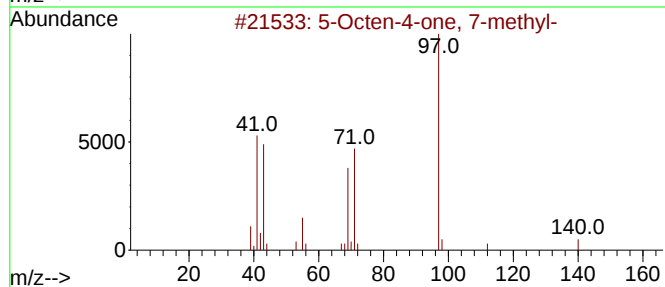
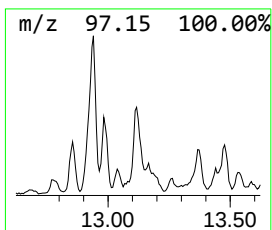
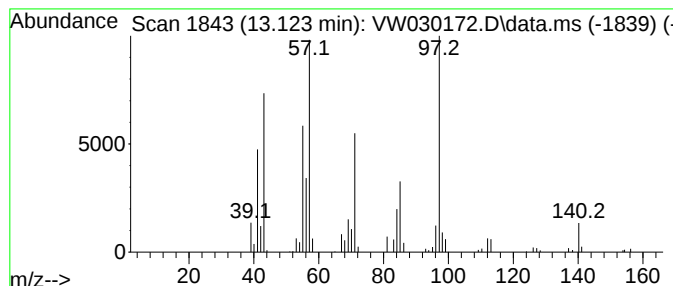
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Quant Title : SFAM01.0

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

Peak Number 15 unknown-03 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.123	4.10 ug/L	64289	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	49
2		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	49
3		3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	46
4		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	46
5		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030172.D
Acq On : 20 Sep 2024 13:39
Operator : SY/MD
Sample : P4109-08RE
Misc : 4.56g/10mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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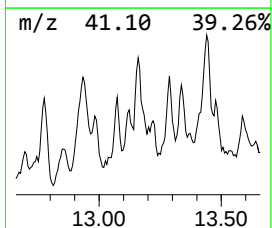
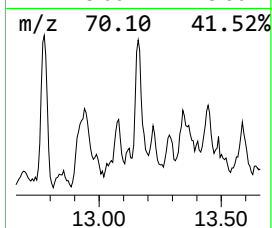
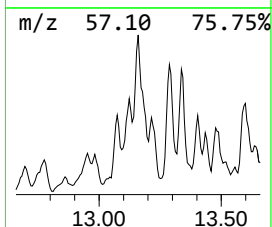
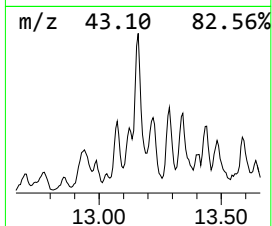
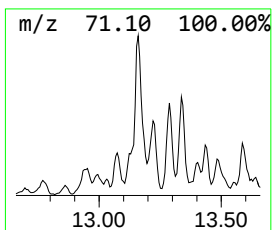
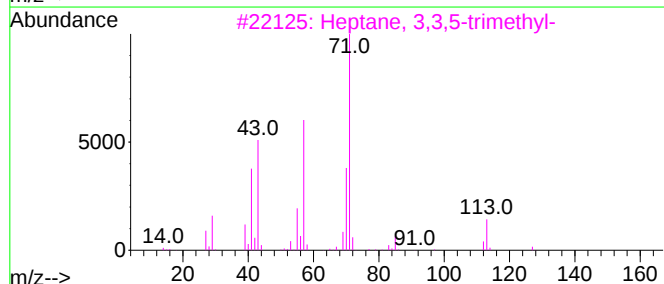
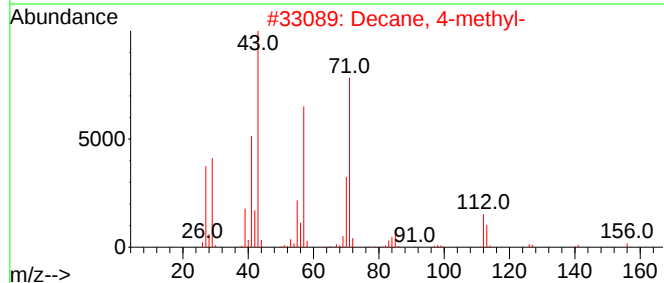
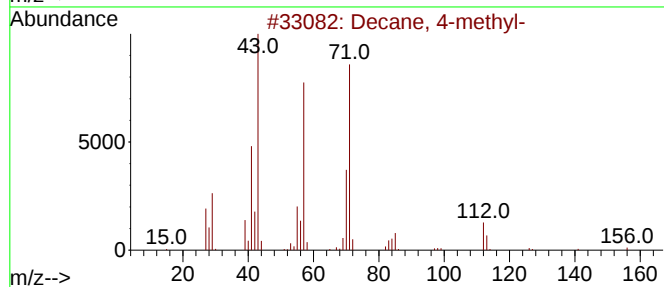
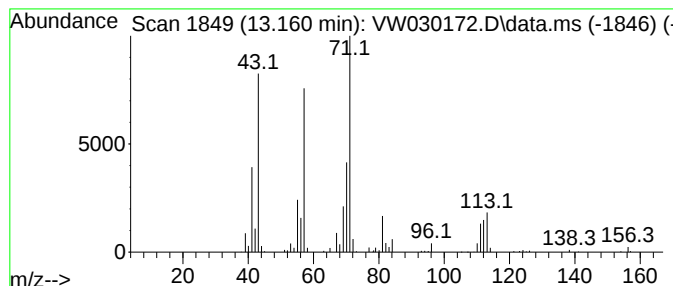
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Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.160	9.49 ug/L	148954	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 4-methyl-	156	C11H24	002847-72-5	80
2		Decane, 4-methyl-	156	C11H24	002847-72-5	80
3		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
4		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	64
5		Oxalic acid, 2-ethylhexyl pentyl...	272	C15H28O4	1000309-38-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030172.D
Acq On : 20 Sep 2024 13:39
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Sample : P4109-08RE
Misc : 4.56g/10mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

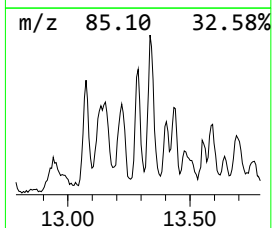
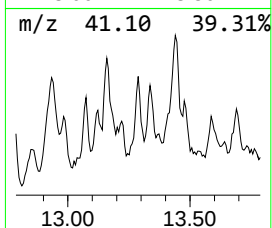
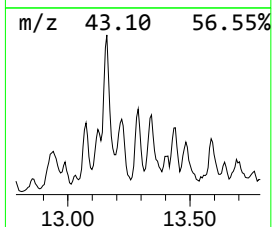
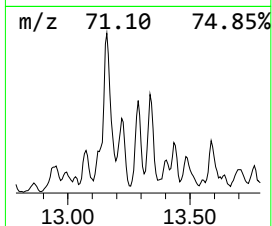
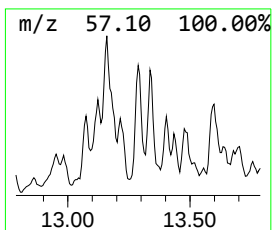
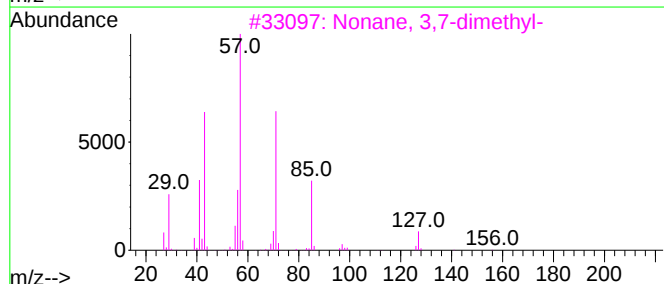
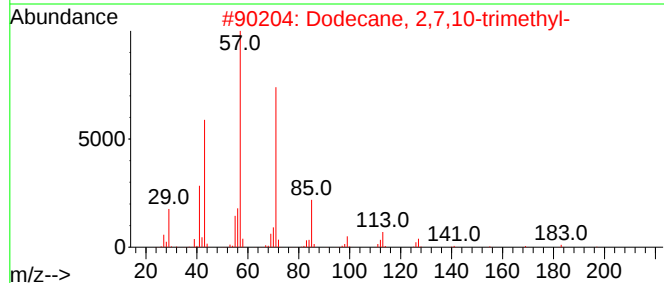
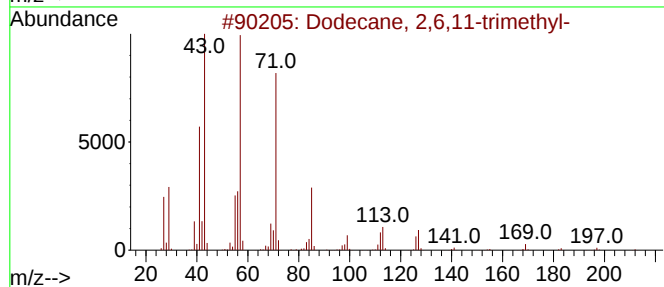
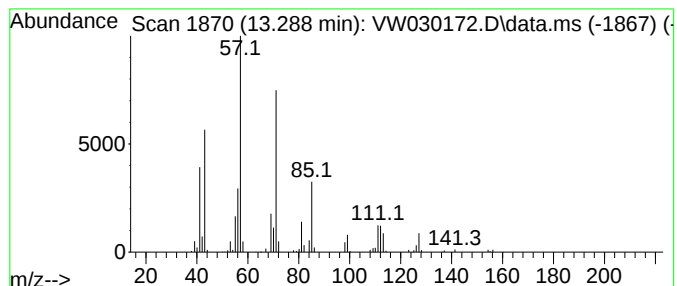
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MSVOA_W
ClientSampleId :
A4EK0RE

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Quant Title : SFAM01.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.288	4.92 ug/L	77257	1,4-Dichlorobenzene-d4			13.556
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	86
2	Dodecane, 2,7,10-trimethyl-		212	C15H32	074645-98-0	72
3	Nonane, 3,7-dimethyl-		156	C11H24	017302-32-8	64
4	Decane, 2-methyl-		156	C11H24	006975-98-0	64
5	Decane, 3-methyl-		156	C11H24	013151-34-3	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030172.D
Acq On : 20 Sep 2024 13:39
Operator : SY/MD
Sample : P4109-08RE
Misc : 4.56g/10mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0RE

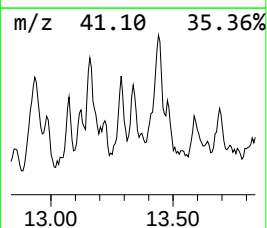
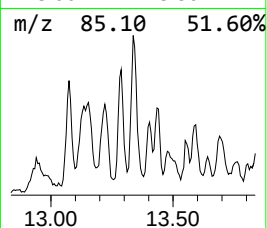
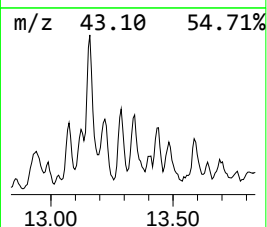
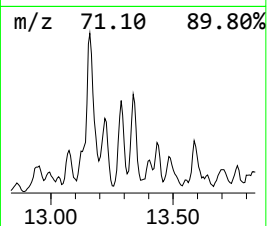
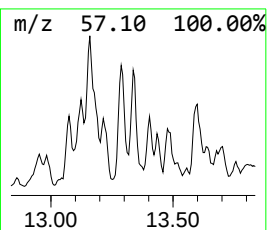
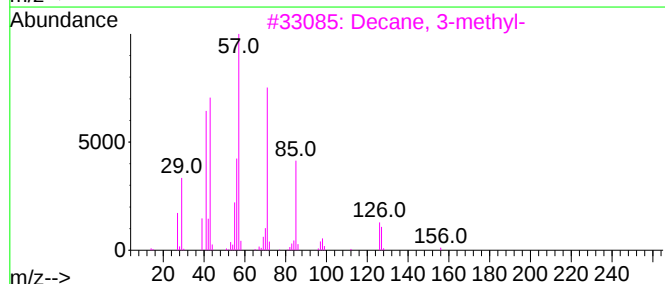
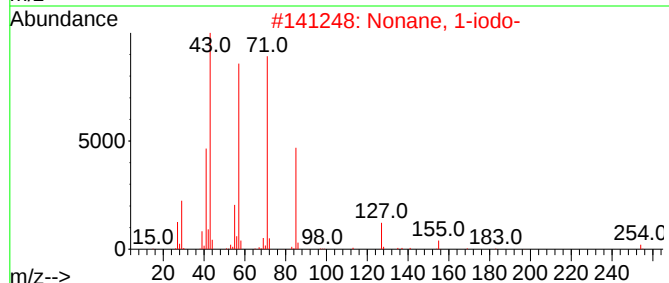
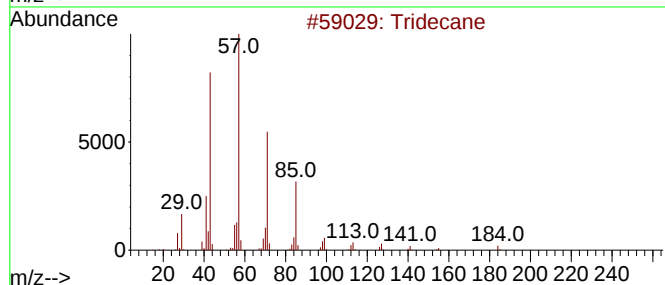
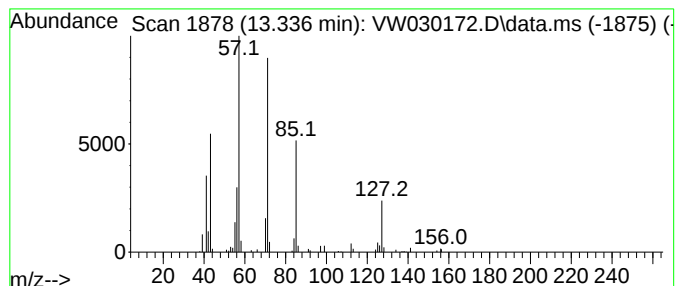
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Quant Title : SFAM01.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.336	4.27 ug/L	66990	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	64
2			Nonane, 1-iodo-	254	C9H19I	004282-42-2	59
3			Decane, 3-methyl-	156	C11H24	013151-34-3	53
4			Sulfurous acid, nonyl pentyl ester	278	C14H30O3S	1000309-14-2	47
5			Sulfurous acid, octyl 2-propyl e...	236	C11H24O3S	1000309-11-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030172.D
Acq On : 20 Sep 2024 13:39
Operator : SY/MD
Sample : P4109-08RE
Misc : 4.56g/10mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0RE

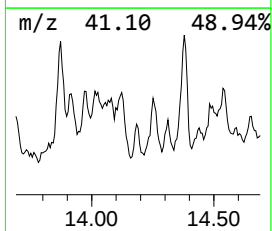
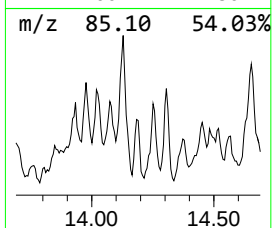
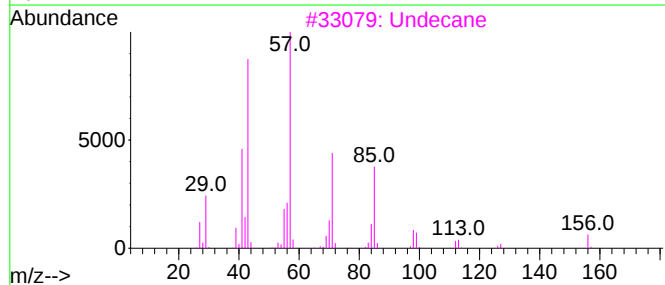
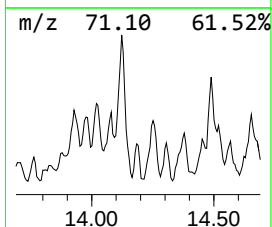
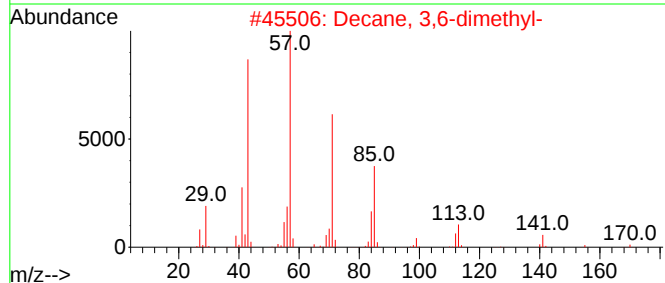
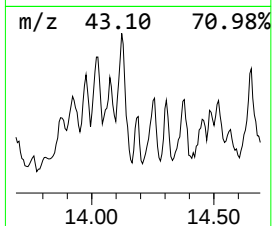
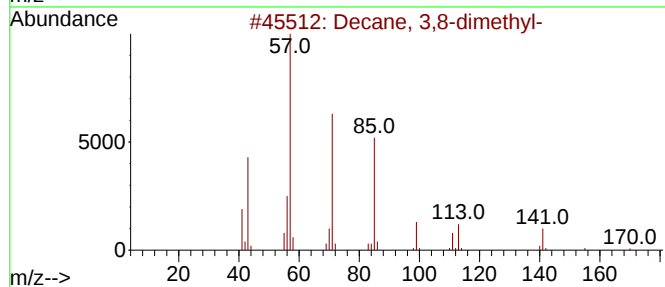
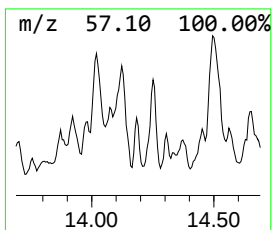
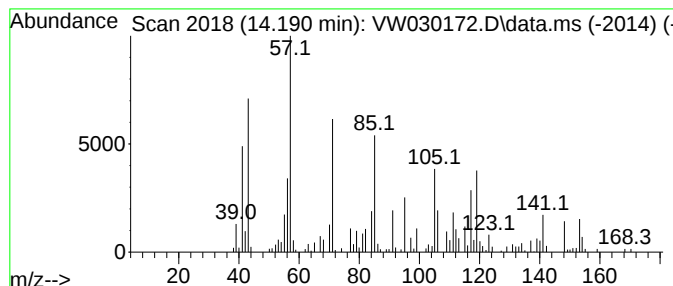
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Quant Title : SFAM01.0

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.190	4.54 ug/L	71241	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	41
2			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	38
3			Undecane	156	C11H24	001120-21-4	27
4			Undecane, 5-methyl-	170	C12H26	001632-70-8	22
5			Tetradecane, 5-methyl-	212	C15H32	025117-32-2	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030172.D
Acq On : 20 Sep 2024 13:39
Operator : SY/MD
Sample : P4109-08RE
Misc : 4.56g/10mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0RE

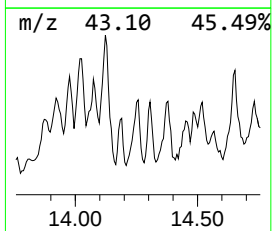
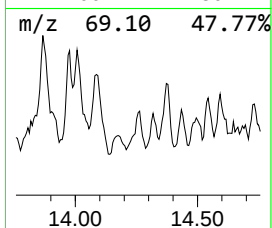
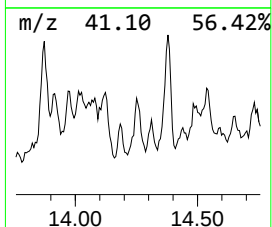
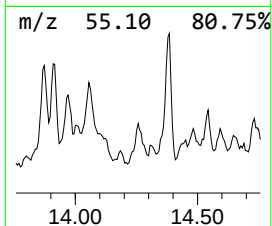
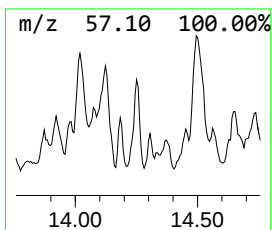
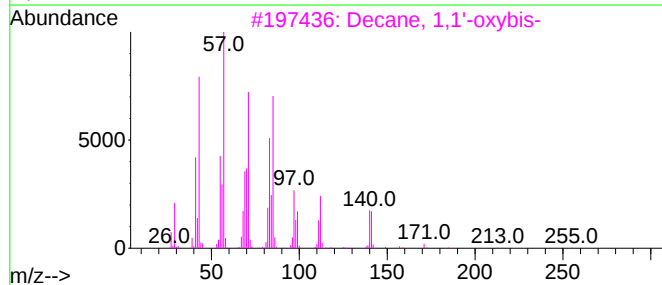
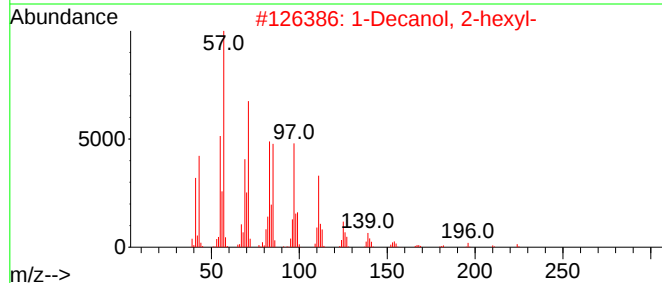
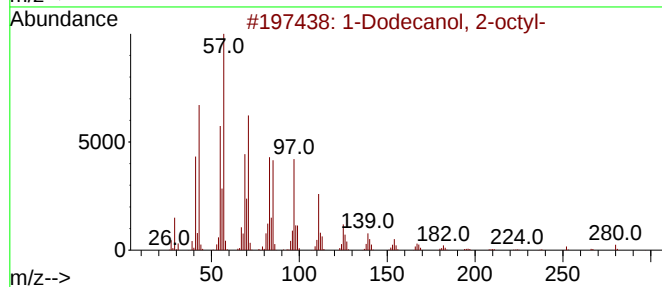
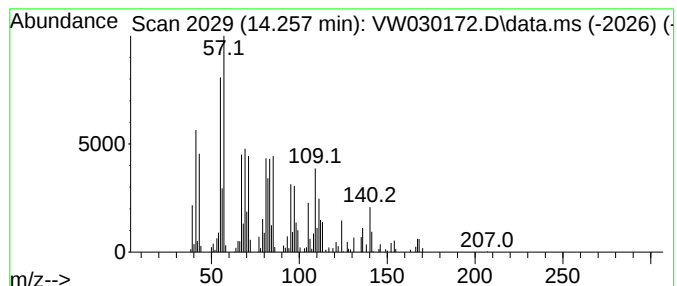
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Quant Title : SFAM01.0

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

Peak Number 20 unknown-04 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	7.13 ug/L	111936	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	49
2		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	49
3		Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	38
4		Cyclohexanol, 5-methyl-2-(1-meth...	154	C10H18O	007786-67-6	38
5		1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030172.D
Acq On : 20 Sep 2024 13:39
Operator : SY/MD
Sample : P4109-08RE
Misc : 4.56g/10mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0RE

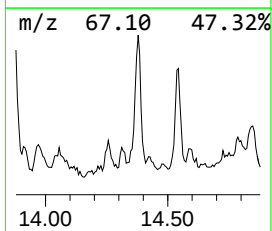
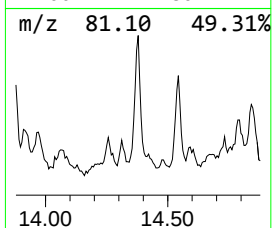
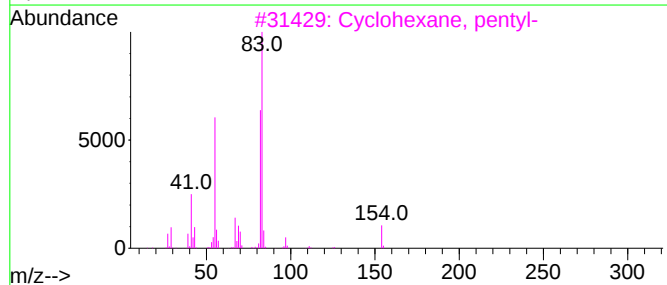
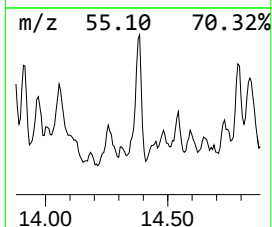
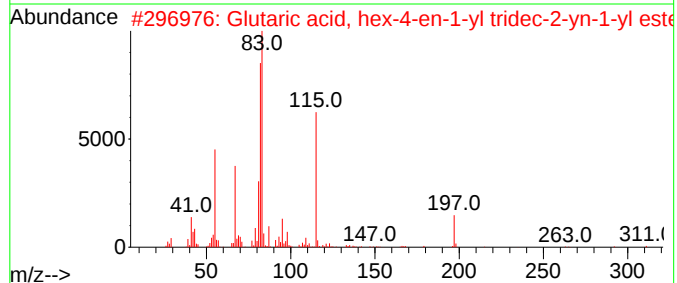
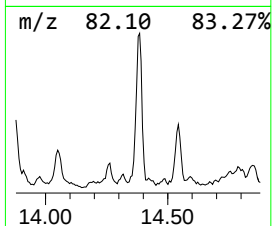
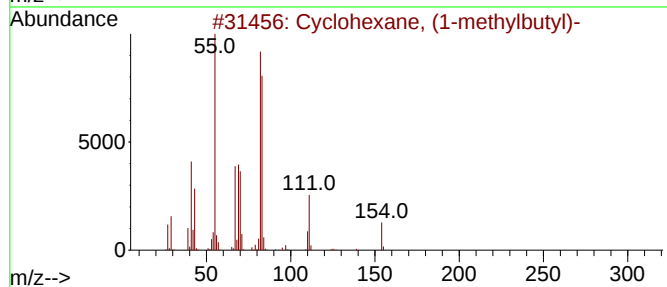
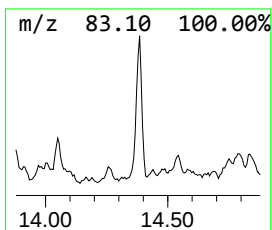
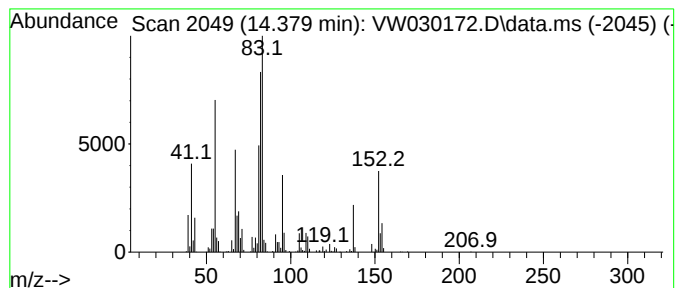
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Quant Title : SFAM01.0

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

Peak Number 21 (DEL) Alkane: Cyclic14.379 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	14.83 ug/L	232832	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	53
2			Glutaric acid, hex-4-en-1-yl tri...	392	C24H40O4	1000405-31-0	53
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	47
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030172.D
Acq On : 20 Sep 2024 13:39
Operator : SY/MD
Sample : P4109-08RE
Misc : 4.56g/10mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0RE

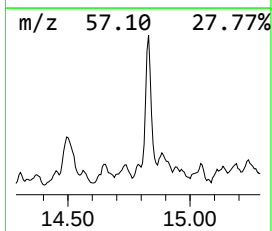
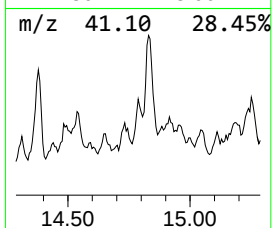
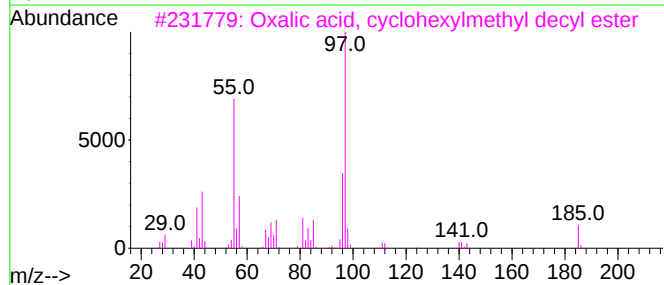
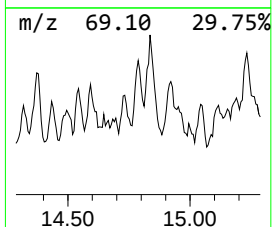
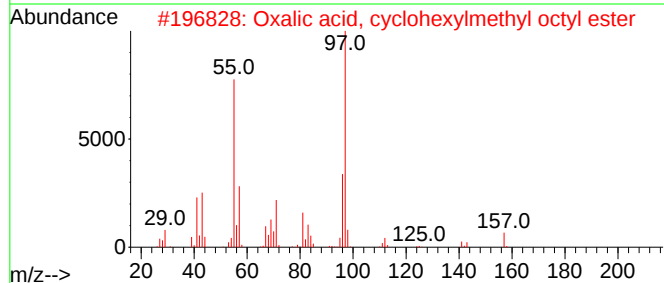
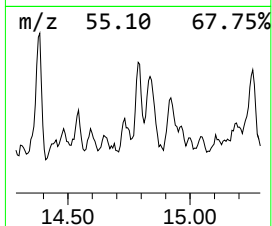
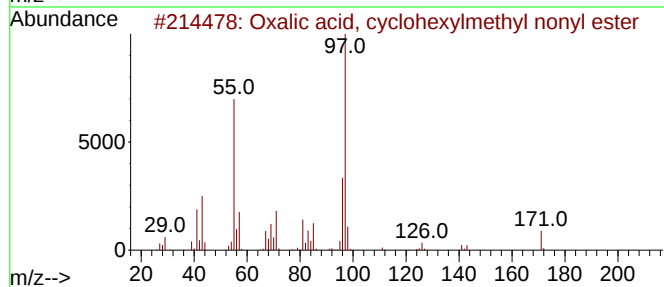
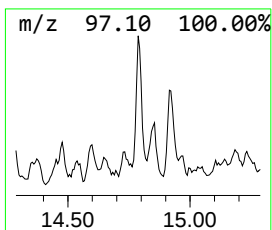
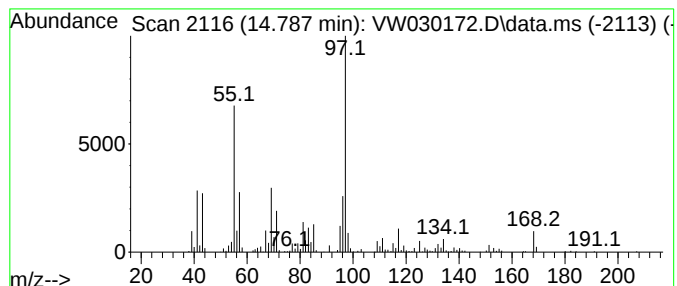
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Quant Title : SFAM01.0

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

Peak Number 22 Oxalic acid, cyclohexylmeth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.787	8.70 ug/L	136531	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	64
2			Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	58
3			Oxalic acid, cyclohexylmethyl de...	326	C19H34O4	1000309-68-7	53
4			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	52
5			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030172.D
Acq On : 20 Sep 2024 13:39
Operator : SY/MD
Sample : P4109-08RE
Misc : 4.56g/10mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0RE

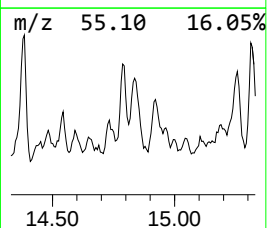
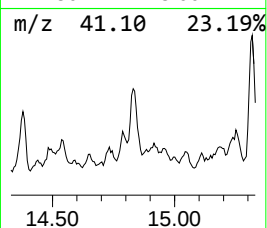
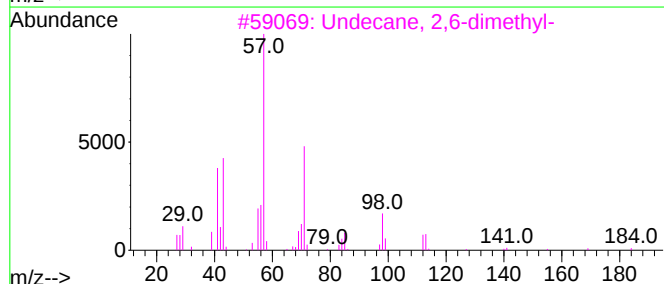
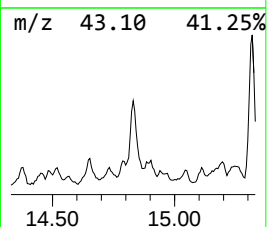
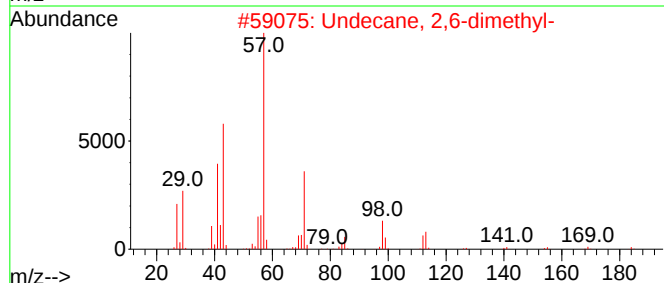
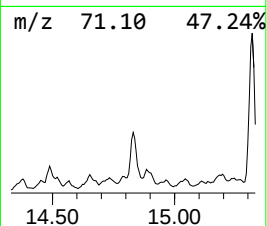
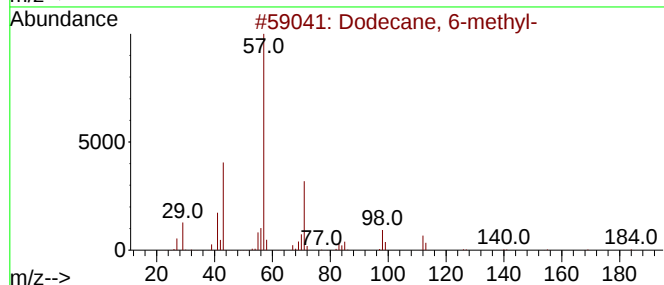
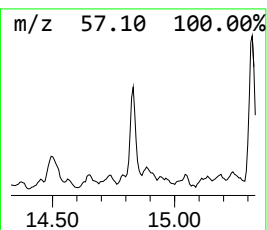
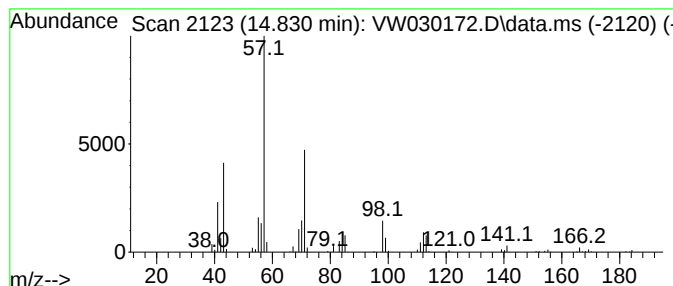
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Quant Title : SFAM01.0

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.830	20.93 ug/L	328530	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 6-methyl-	184	C13H28	006044-71-9	81
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	81
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70
4		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	68
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030172.D
Acq On : 20 Sep 2024 13:39
Operator : SY/MD
Sample : P4109-08RE
Misc : 4.56g/10mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0RE

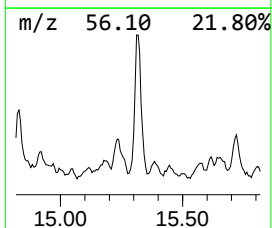
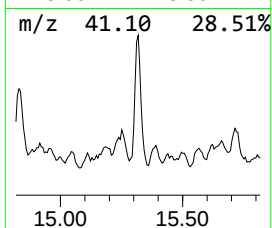
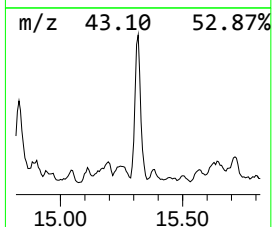
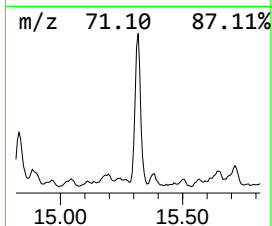
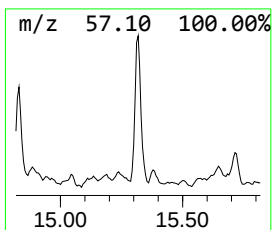
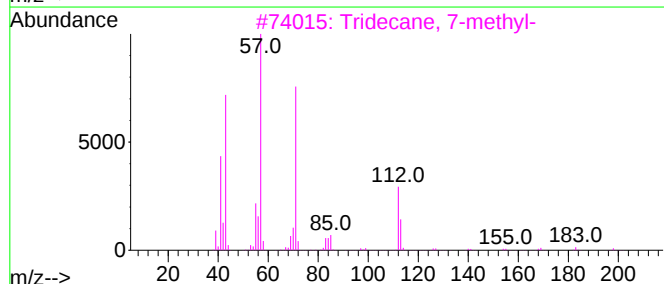
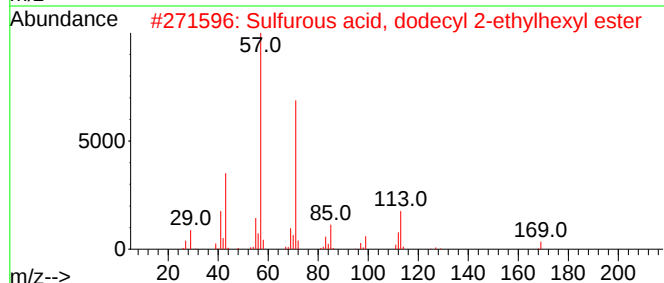
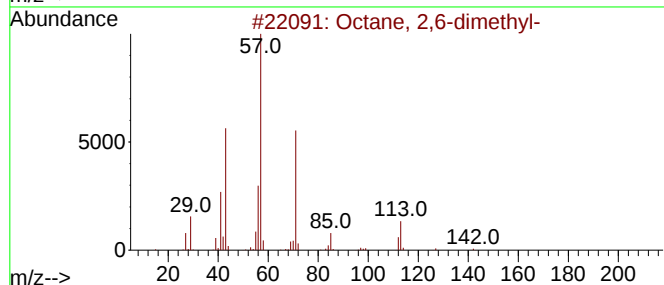
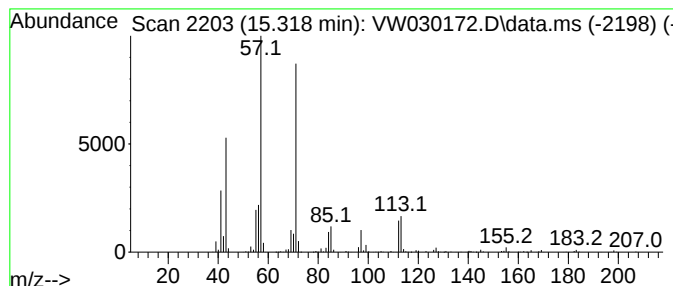
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Quant Title : SFAM01.0

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	35.15 ug/L	551812	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
3			Tridecane, 7-methyl-	198	C14H30	026730-14-3	72
4			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5			Heptane, 3-[(ethenylloxy)methyl]-	156	C10H20O	000103-44-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030172.D
Acq On : 20 Sep 2024 13:39
Operator : SY/MD
Sample : P4109-08RE
Misc : 4.56g/10mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0RE

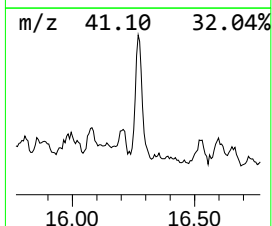
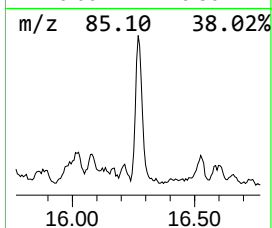
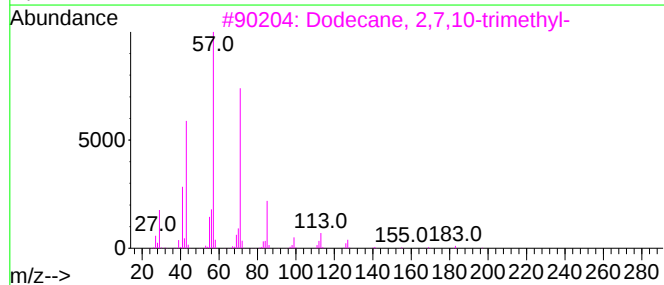
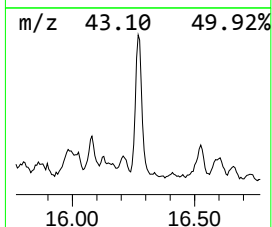
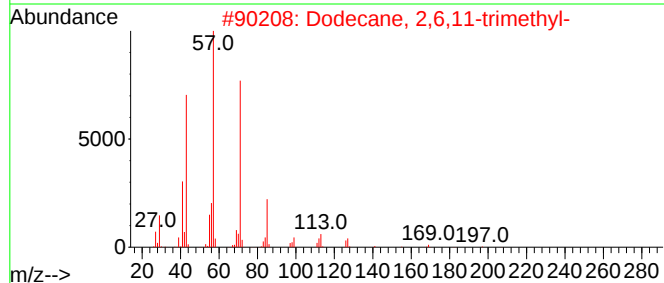
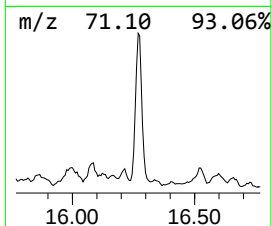
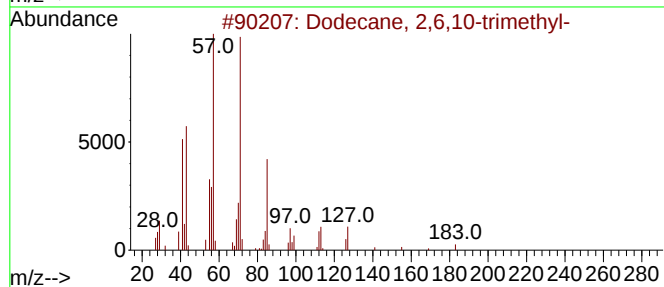
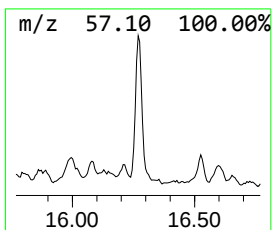
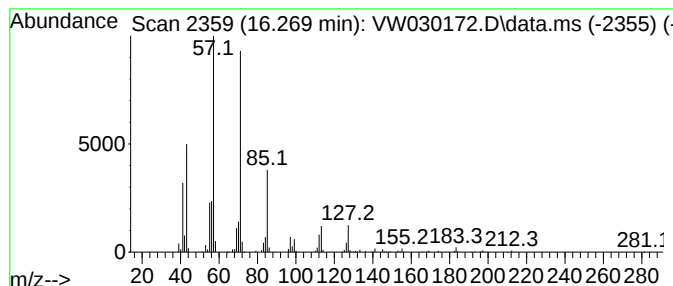
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091624SMA.M
Quant Title : SFAM01.0

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.269	26.31 ug/L	413049	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
5			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092024\
Data File : VW030172.D
Acq On : 20 Sep 2024 13:39
Operator : SY/MD
Sample : P4109-08RE
Misc : 4.56g/10mL/MSVOA_W/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EK0RE

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

						--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc	
(DEL) Alkane: S...	11.032	1.3	ug/L	41010	2	11.629	794606	25.0	
(DEL) Alkane: C...	11.227	3.2	ug/L	101175	2	11.629	794606	25.0	
(DEL) Alkane: S...	11.337	1.8	ug/L	57297	2	11.629	794606	25.0	
(DEL) Alkane: C...	11.434	1.5	ug/L	47699	2	11.629	794606	25.0	
(DEL) Alkane: C...	11.867	2.2	ug/L	71286	2	11.629	794606	25.0	
(DEL) Alkane: C...	12.135	5.2	ug/L	165348	2	11.629	794606	25.0	
(DEL) Alkane: S...	12.245	4.7	ug/L	149654	2	11.629	794606	25.0	
(DEL) Alkane: S...	12.361	15.1	ug/L	481174	2	11.629	794606	25.0	
unknown-01	12.611	4.9	ug/L	76394	3	13.556	392436	25.0	
(DEL) Alkane: C...	12.775	12.0	ug/L	188128	3	13.556	392436	25.0	
(DEL) Alkane: C...	12.855	8.7	ug/L	136449	3	13.556	392436	25.0	
(DEL) Alkane: C...	12.940	18.6	ug/L	291334	3	13.556	392436	25.0	
unknown-02	13.074	5.6	ug/L	87381	3	13.556	392436	25.0	
unknown-03	13.123	4.1	ug/L	64289	3	13.556	392436	25.0	
(DEL) Alkane: S...	13.160	9.5	ug/L	148954	3	13.556	392436	25.0	
(DEL) Alkane: S...	13.288	4.9	ug/L	77257	3	13.556	392436	25.0	
(DEL) Alkane: S...	13.336	4.3	ug/L	66990	3	13.556	392436	25.0	
(DEL) Alkane: S...	14.190	4.5	ug/L	71241	3	13.556	392436	25.0	
unknown-04	14.257	7.1	ug/L	111936	3	13.556	392436	25.0	
(DEL) Alkane: C...	14.379	14.8	ug/L	232832	3	13.556	392436	25.0	
Oxalic acid, cy...	14.787	8.7	ug/L	136531	3	13.556	392436	25.0	
(DEL) Alkane: S...	14.830	20.9	ug/L	328530	3	13.556	392436	25.0	
(DEL) Alkane: S...	15.318	35.1	ug/L	551812	3	13.556	392436	25.0	
(DEL) Alkane: S...	16.269	26.3	ug/L	413049	3	13.556	392436	25.0	