

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093024\
 Data File : VW030296.D
 Acq On : 30 Sep 2024 16:21
 Operator : SY/MD
 Sample : P4183-06
 Misc : 5.39g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4EM2

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
 Title : SFAM01.0

Signal : TIC: VW030296.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.143	40	42	43	rBV2	827	574	0.07%	0.009%
2	2.363	68	78	98	rBV	38297	96482	11.73%	1.456%
3	2.497	98	100	104	rVB3	479	467	0.06%	0.007%
4	2.631	117	122	123	rBV2	256	476	0.06%	0.007%
5	2.643	123	124	127	rVV	474	484	0.06%	0.007%
6	2.899	158	166	182	rVV2	23612	73694	8.96%	1.112%
7	3.051	190	191	197	rVB2	339	451	0.05%	0.007%
8	3.240	219	222	226	rBV2	211	279	0.03%	0.004%
9	3.308	229	233	234	rBV2	410	436	0.05%	0.007%
10	3.393	243	247	252	rVV3	808	1677	0.20%	0.025%
11	3.673	292	293	298	rVB2	193	217	0.03%	0.003%
12	3.728	298	302	307	rBV3	324	586	0.07%	0.009%
13	4.021	339	350	362	rBV	98128	301419	36.66%	4.547%
14	4.283	389	393	397	rVB3	438	767	0.09%	0.012%
15	4.387	402	410	421	rVV2	3304	9947	1.21%	0.150%
16	4.478	423	425	427	rVB	264	232	0.03%	0.003%
17	4.807	476	479	482	rBV	165	184	0.02%	0.003%
18	4.923	490	498	502	rBV4	2546	6808	0.83%	0.103%
19	4.990	507	509	511	rVV2	342	252	0.03%	0.004%
20	5.069	520	522	523	rBV	185	171	0.02%	0.003%
21	5.112	526	529	530	rBV2	265	241	0.03%	0.004%
22	5.149	534	535	539	rVB2	272	200	0.02%	0.003%
23	5.795	634	641	642	rBV3	977	2017	0.25%	0.030%
24	5.935	660	664	670	rVV	451	933	0.11%	0.014%
25	6.453	748	749	753	rBV2	170	232	0.03%	0.003%
26	6.557	761	766	768	rVB2	197	294	0.04%	0.004%
27	6.758	797	799	801	rBV2	187	196	0.02%	0.003%
28	7.075	844	851	860	rVV	16522	47064	5.72%	0.710%
29	7.173	863	867	877	rVV	5430	15312	1.86%	0.231%
30	7.246	877	879	882	rVV3	485	568	0.07%	0.009%
31	7.380	899	901	903	rBV3	167	185	0.02%	0.003%
32	7.471	914	916	918	rVB	262	187	0.02%	0.003%
33	7.496	918	920	923	rBV	330	333	0.04%	0.005%
34	7.532	923	926	928	rVB	236	188	0.02%	0.003%
35	7.648	934	945	958	rBV	139424	350031	42.57%	5.280%
36	8.032	1006	1008	1010	rVB3	230	221	0.03%	0.003%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
 Title : SFAM01.0

37	8.148	1022	1027	1028	rBV	316	352	0.04%	0.005%
38	8.276	1038	1048	1070	rBV2	284215	822173	100.00%	12.403%
39	8.477	1074	1081	1087	rVB4	616	1567	0.19%	0.024%
40	8.550	1087	1093	1094	rBV2	214	417	0.05%	0.006%
41	8.569	1094	1096	1098	rVB2	277	207	0.03%	0.003%
42	8.636	1103	1107	1110	rVB3	285	391	0.05%	0.006%
43	8.697	1112	1117	1123	rBV3	789	1404	0.17%	0.021%
44	8.739	1123	1124	1128	rVB2	289	311	0.04%	0.005%
45	8.782	1128	1131	1132	rBV	237	225	0.03%	0.003%
46	8.843	1132	1141	1154	rBV	336225	649059	78.94%	9.792%
47	9.081	1175	1180	1184	rVB4	631	1157	0.14%	0.017%
48	9.142	1184	1190	1192	rBV3	321	460	0.06%	0.007%
49	9.209	1199	1201	1203	rBV2	185	180	0.02%	0.003%
50	9.276	1203	1212	1220	rBV	179774	370572	45.07%	5.590%
51	9.380	1226	1229	1236	rVB5	1499	2817	0.34%	0.042%
52	9.611	1258	1267	1272	rBV6	1479	3414	0.42%	0.052%
53	9.752	1282	1290	1298	rVB4	3014	5459	0.66%	0.082%
54	9.806	1298	1299	1303	rBV	162	189	0.02%	0.003%
55	9.898	1308	1314	1318	rBV2	1799	3546	0.43%	0.053%
56	9.953	1321	1323	1327	rVB2	788	621	0.08%	0.009%
57	10.032	1327	1336	1344	rBV	86758	160869	19.57%	2.427%
58	10.123	1349	1351	1357	rVB4	2335	2949	0.36%	0.044%
59	10.215	1361	1366	1367	rBV2	1151	1638	0.20%	0.025%
60	10.251	1370	1372	1375	rVB2	1056	930	0.11%	0.014%
61	10.325	1375	1384	1394	rBV	372251	664640	80.84%	10.027%
62	10.447	1399	1404	1406	rBV2	806	1162	0.14%	0.018%
63	10.507	1406	1414	1419	rVB6	3071	7400	0.90%	0.112%
64	10.575	1419	1425	1436	rBV	51143	96681	11.76%	1.459%
65	10.666	1436	1440	1443	rBV2	2745	3777	0.46%	0.057%
66	10.764	1450	1456	1460	rBV4	2466	4714	0.57%	0.071%
67	10.843	1465	1469	1475	rVB4	3367	6140	0.75%	0.093%
68	10.922	1475	1482	1492	rBV2	73323	139270	16.94%	2.101%
69	11.038	1494	1501	1508	rVV3	6421	15856	1.93%	0.239%
70	11.105	1508	1512	1516	rVV4	2786	5484	0.67%	0.083%
71	11.178	1520	1524	1527	rVV3	5041	9032	1.10%	0.136%
72	11.227	1527	1532	1538	rVV3	21659	40775	4.96%	0.615%
73	11.282	1538	1541	1544	rVV5	2937	4521	0.55%	0.068%
74	11.337	1545	1550	1554	rVV3	11509	21586	2.63%	0.326%
75	11.379	1554	1557	1562	rVV3	5185	9203	1.12%	0.139%
76	11.434	1562	1566	1573	rVB2	10392	18026	2.19%	0.272%

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77	11.507	1573	1578	1583	rBV2	4963	8769	1.07%	0.132%
78	11.629	1590	1598	1612	rBV	366022	622793	75.75%	9.395%
79	11.763	1616	1620	1623	rBV5	6195	9412	1.14%	0.142%
80	11.812	1623	1628	1633	rVB4	7958	13675	1.66%	0.206%
81	11.873	1633	1638	1641	rBV	15528	25234	3.07%	0.381%
82	11.971	1649	1654	1658	rBV3	6452	13016	1.58%	0.196%
83	12.056	1664	1668	1673	rVB5	5759	11185	1.36%	0.169%
84	12.135	1673	1681	1687	rBV5	24408	58085	7.06%	0.876%
85	12.251	1692	1700	1704	rVB	31763	59303	7.21%	0.895%
86	12.361	1704	1718	1727	rBV4	48996	172088	20.93%	2.596%
87	12.611	1754	1759	1764	rVB4	11514	23213	2.82%	0.350%
88	12.690	1764	1772	1778	rBV	104780	195927	23.83%	2.956%
89	12.775	1782	1786	1792	rVB3	46368	80152	9.75%	1.209%
90	12.855	1792	1799	1804	rBV5	20626	49797	6.06%	0.751%
91	12.940	1805	1813	1818	rBV7	41259	113049	13.75%	1.705%
92	13.074	1831	1835	1839	rBV3	20150	28623	3.48%	0.432%
93	13.117	1839	1842	1847	rBV3	11969	19523	2.37%	0.295%
94	13.287	1867	1870	1874	rVB2	15545	19487	2.37%	0.294%
95	13.556	1908	1914	1926	rVB	205096	340386	41.40%	5.135%
96	13.854	1957	1963	1970	rBV2	141630	330705	40.22%	4.989%
97	14.257	2026	2029	2035	rVB4	22268	35776	4.35%	0.540%
98	14.379	2045	2049	2054	rVB3	56380	85679	10.42%	1.293%
99	15.318	2199	2203	2210	rVB	105093	167255	20.34%	2.523%
100	16.275	2355	2360	2368	rVB	77982	152676	18.57%	2.303%

Sum of corrected areas: 6628787

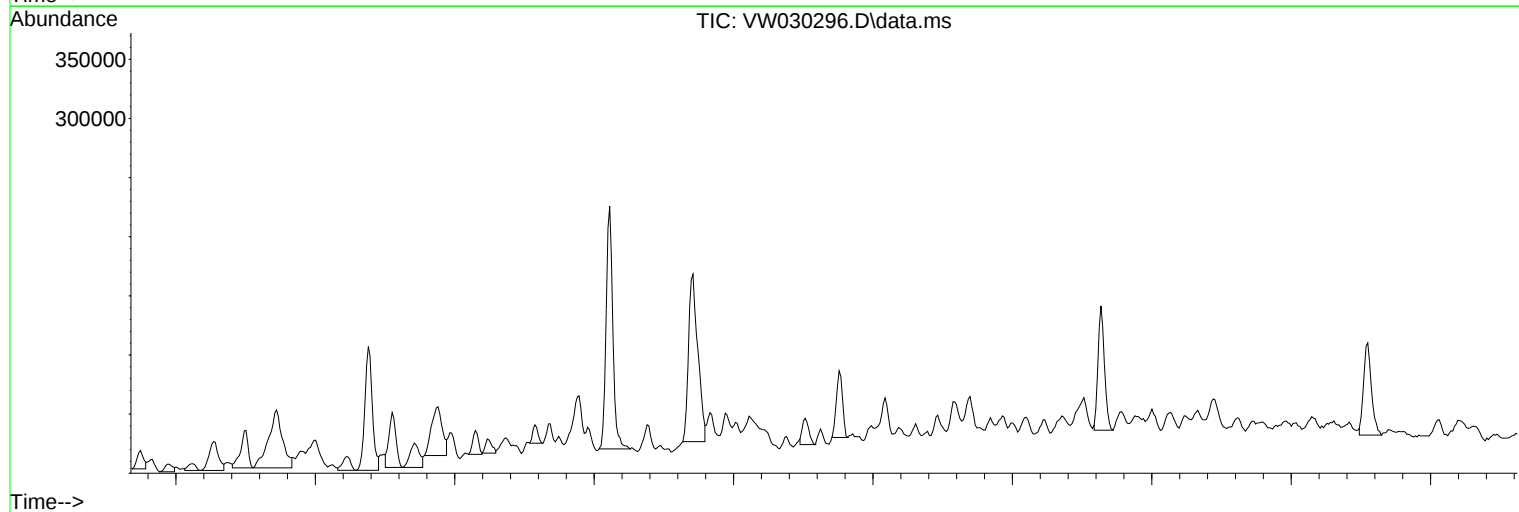
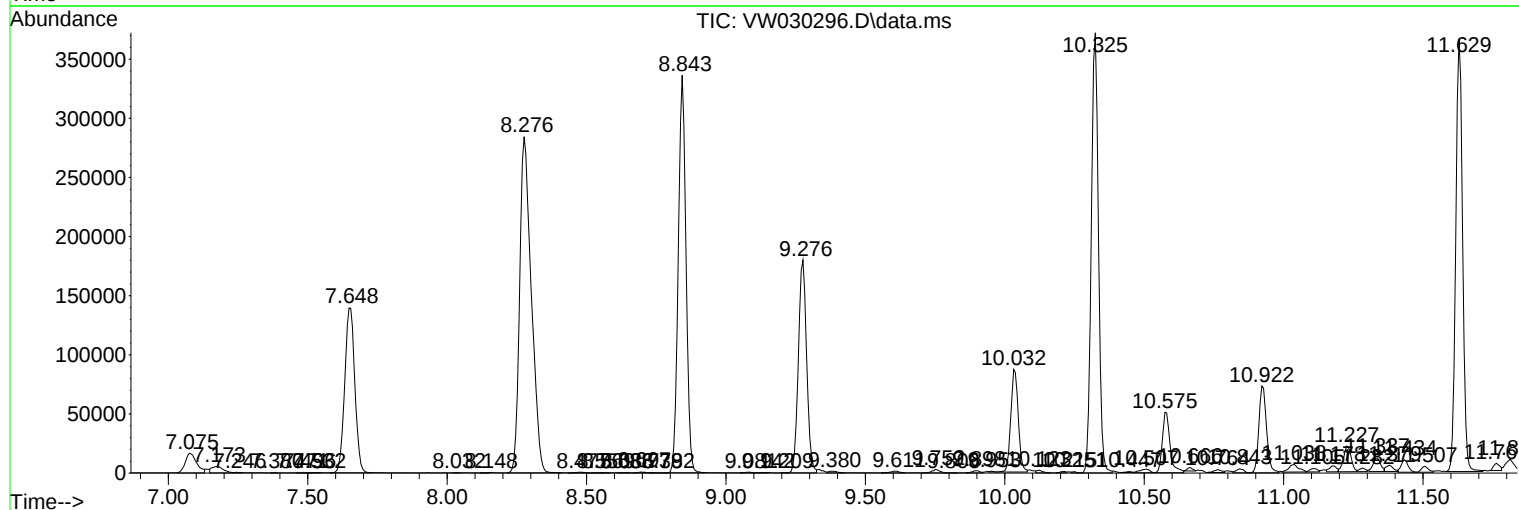
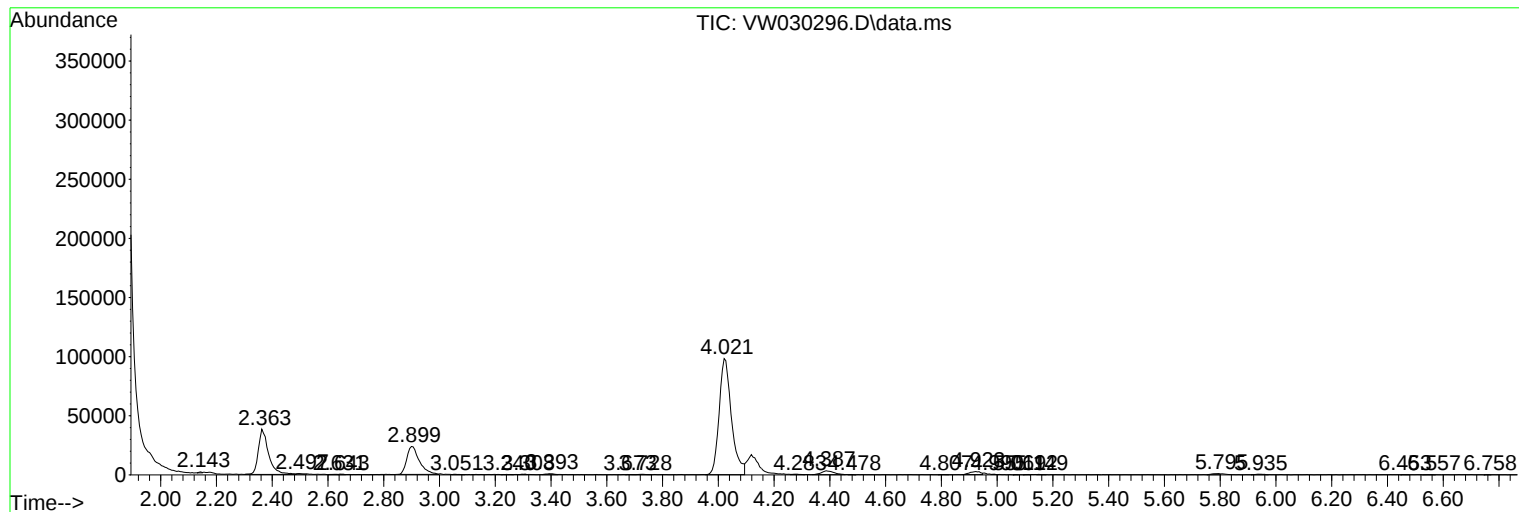
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
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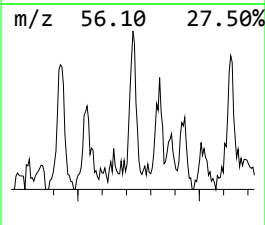
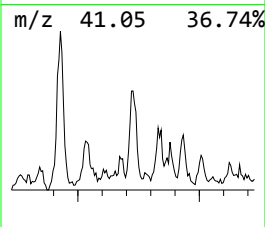
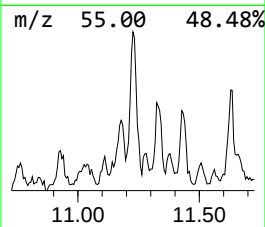
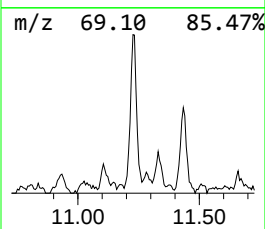
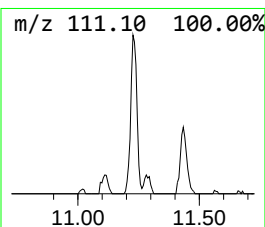
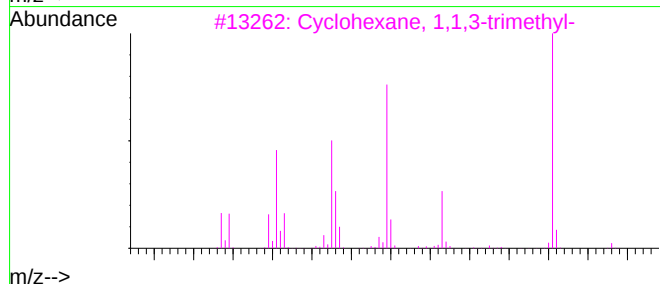
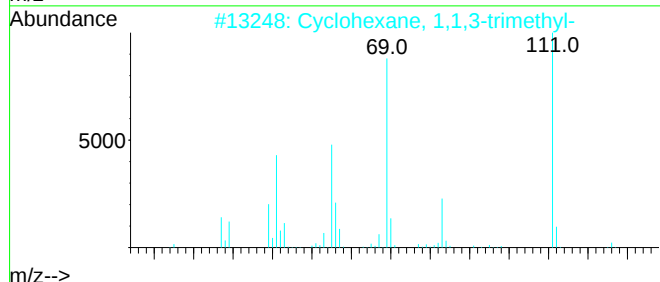
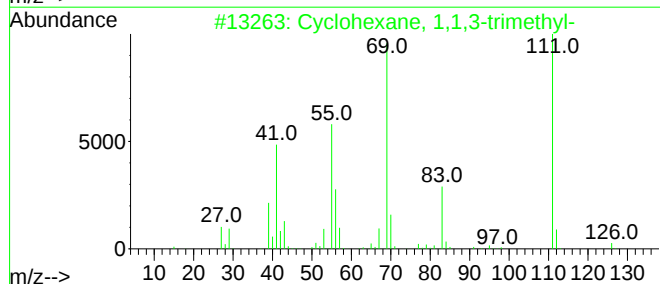
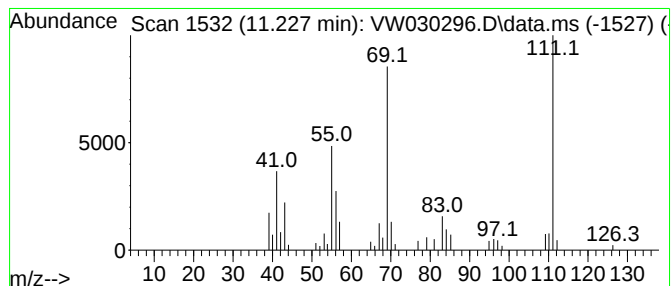
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic11.227 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.227	1.64 ug/L	40775	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	83
3	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	80
4	3-Hexene, 2,5-dimethyl-, (E)-	112	C8H16	000692-70-6	50
5	3-Hexene, 2,5-dimethyl-	112	C8H16	015910-22-2	50



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
Quant Title : SFAM01.0

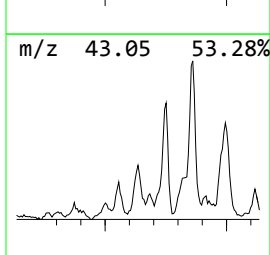
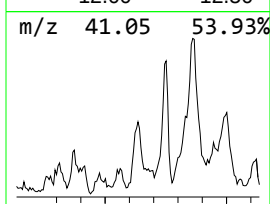
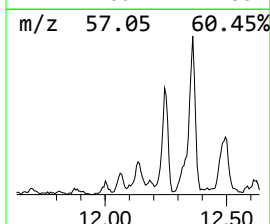
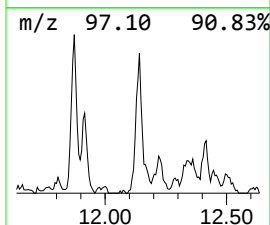
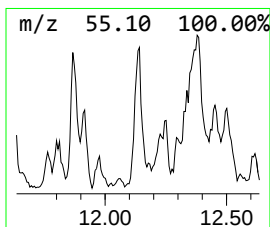
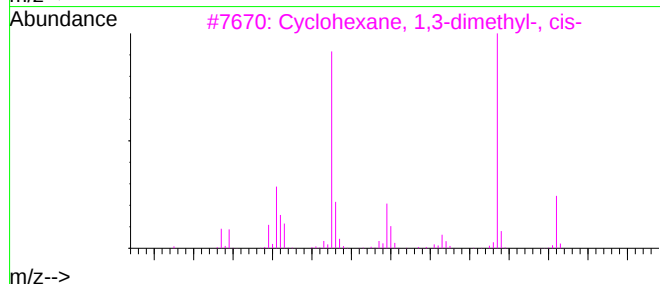
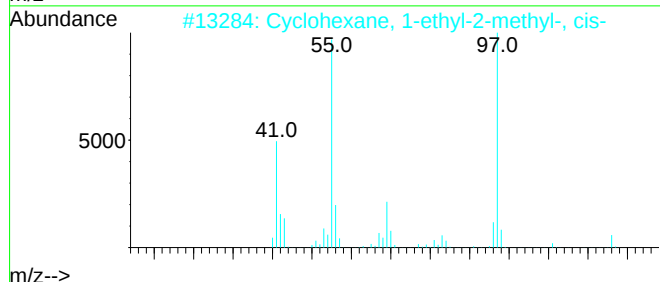
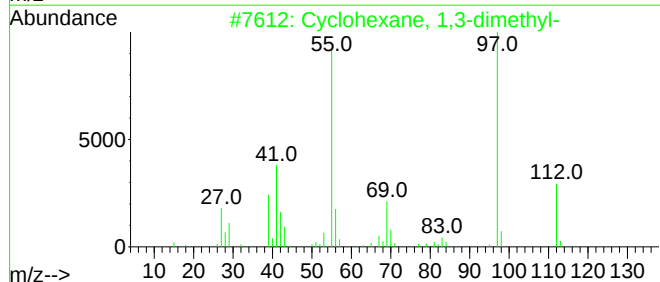
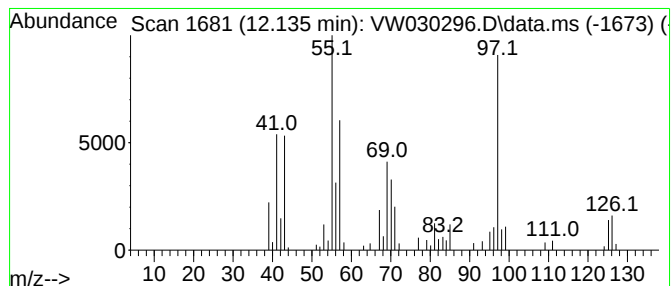
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic12.135 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.135	2.33 ug/L	58085	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	47
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	47
3	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	47
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	46
5	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	46



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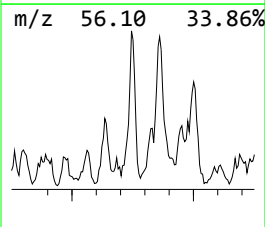
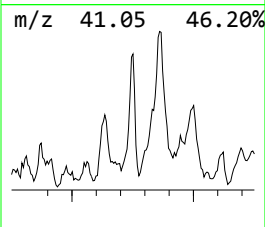
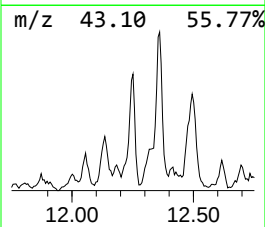
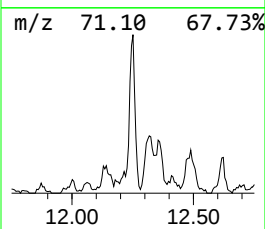
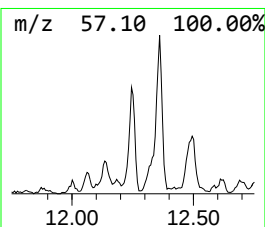
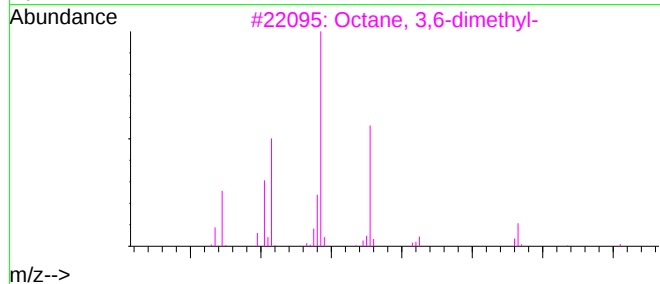
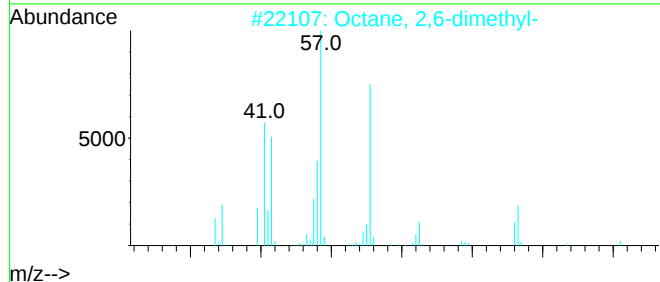
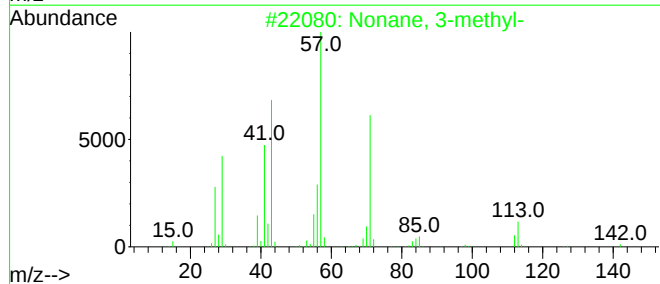
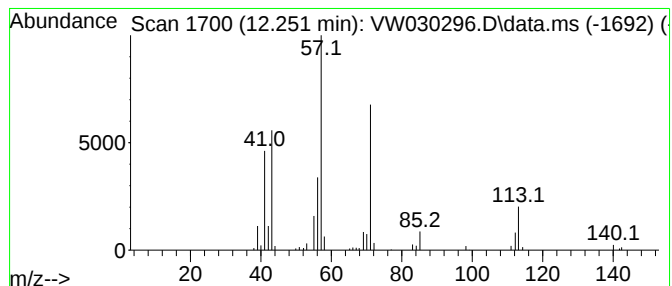
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.251	2.38 ug/L	59303	Chlorobenzene-d5	11.629	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	87
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	76
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093024\
Data File : VW030296.D
Acq On : 30 Sep 2024 16:21
Operator : SY/MD
Sample : P4183-06
Misc : 5.39g/10mL/MSVOA_W/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EM2

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Quant Title : SFAM01.0

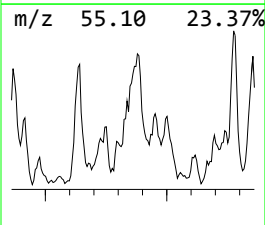
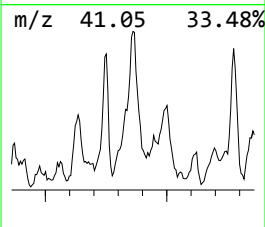
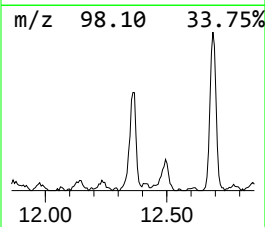
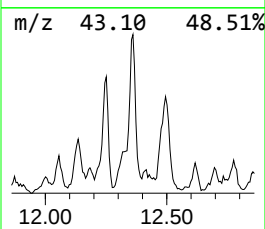
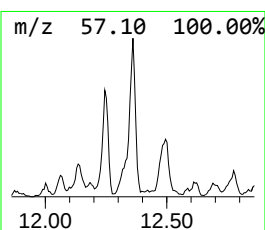
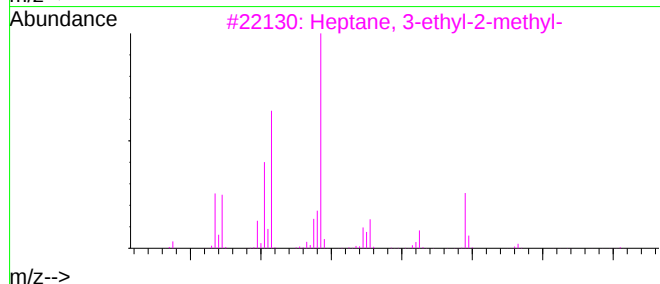
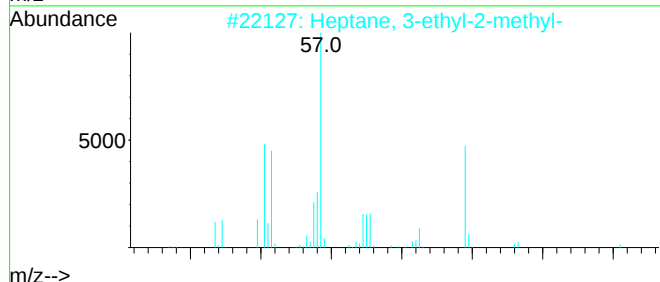
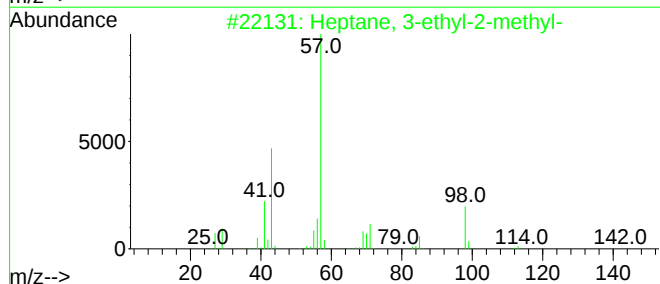
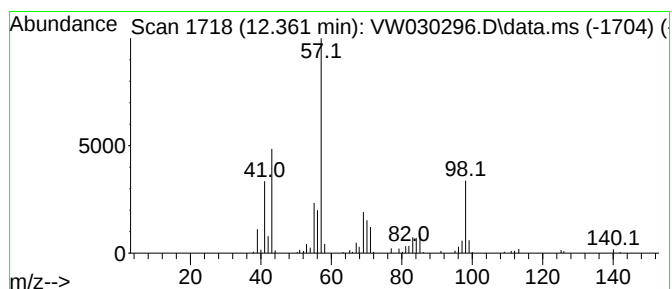
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.361	6.91 ug/L	172088	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	78
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	78
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	64
4	1,3,2-Dioxaborolane, 4,4-dimethy...	142	C6H11BO3	1000063-89-2	64
5	Decyl isobutyl carbonate	258	C15H30O3	959226-07-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093024\
Data File : VW030296.D
Acq On : 30 Sep 2024 16:21
Operator : SY/MD
Sample : P4183-06
Misc : 5.39g/10mL/MSVOA_W/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EM2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
Quant Title : SFAM01.0

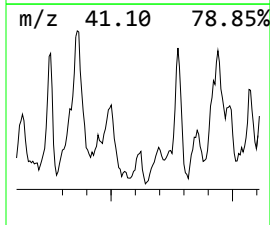
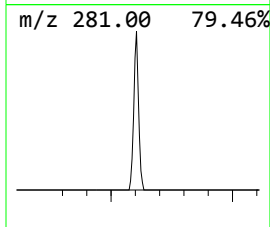
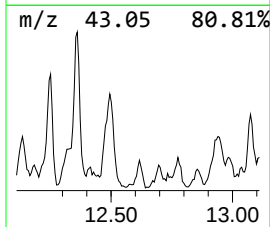
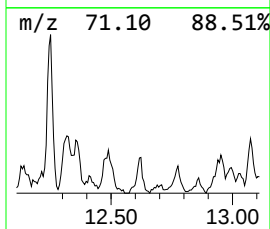
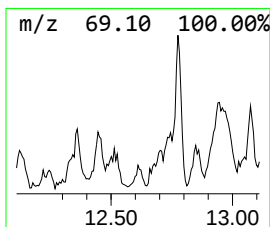
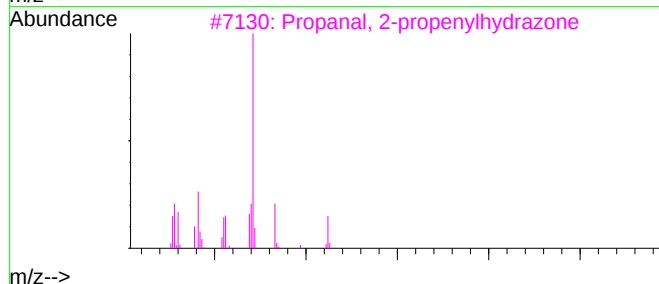
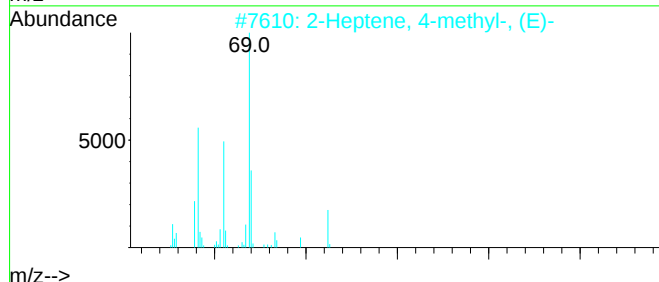
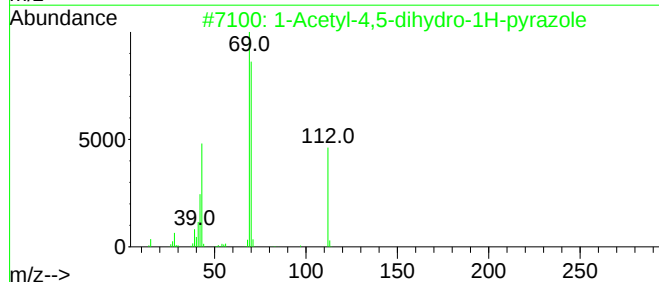
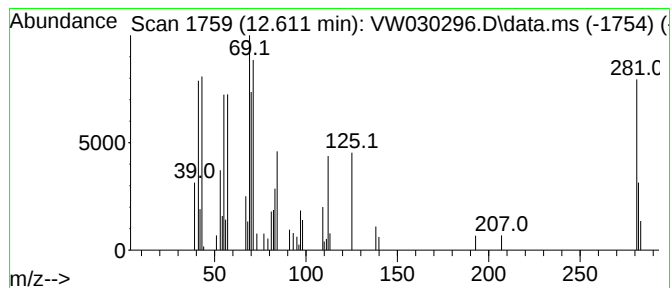
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.611	1.70 ug/L	23213	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Acetyl-4,5-dihydro-1H-pyrazole	112	C5H8N2O	1000373-42-6	27
2			2-Heptene, 4-methyl-, (E)-	112	C8H16	066225-17-0	18
3			Propanal, 2-propenylhydrazone	112	C6H12N2	019031-78-8	14
4			1-Hexene, 3-methyl-	98	C7H14	003404-61-3	14
5			3-Heptene, 4-methyl-	112	C8H16	004485-16-9	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093024\
Data File : VW030296.D
Acq On : 30 Sep 2024 16:21
Operator : SY/MD
Sample : P4183-06
Misc : 5.39g/10mL/MSVOA_W/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EM2

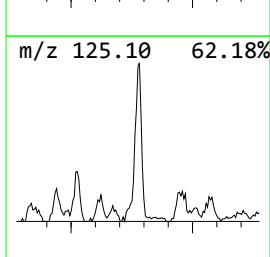
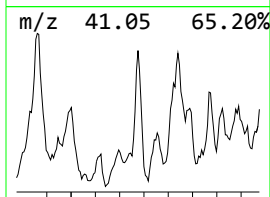
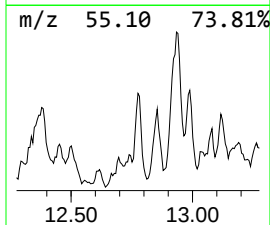
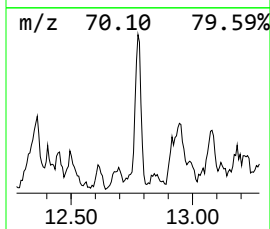
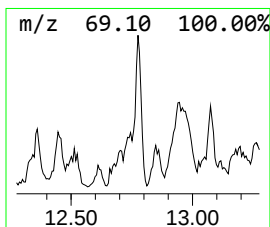
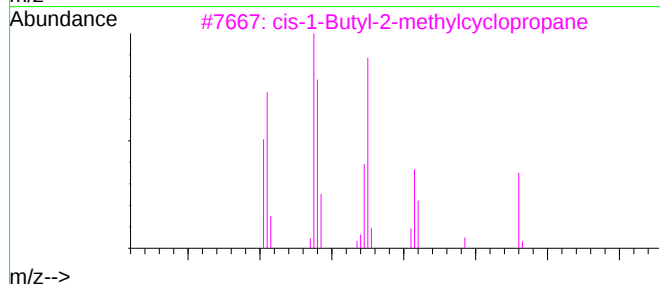
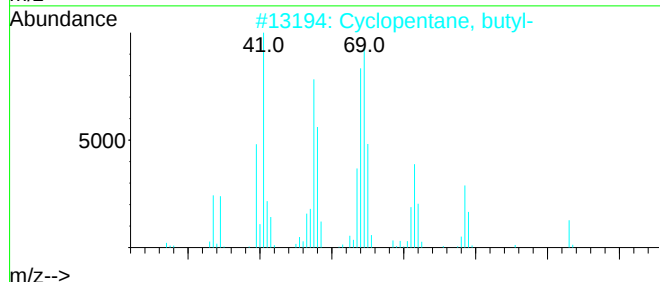
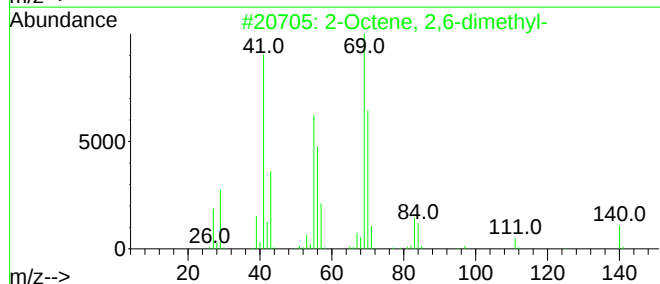
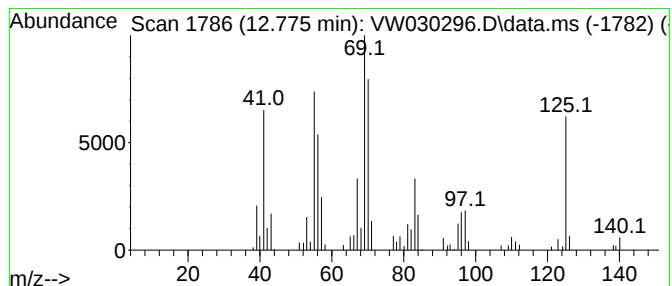
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.775	5.89 ug/L	80152	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	70
2	Cyclopentane, butyl-	126	C9H18	002040-95-1	52
3	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	50
4	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	43
5	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093024\
Data File : VW030296.D
Acq On : 30 Sep 2024 16:21
Operator : SY/MD
Sample : P4183-06
Misc : 5.39g/10mL/MSVOA_W/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EM2

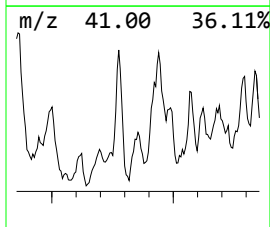
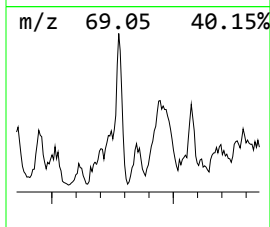
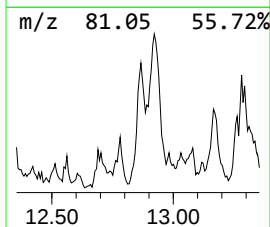
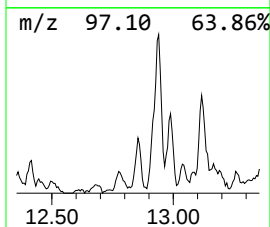
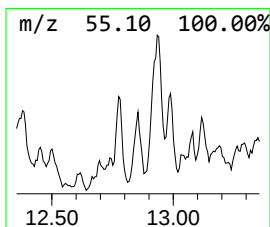
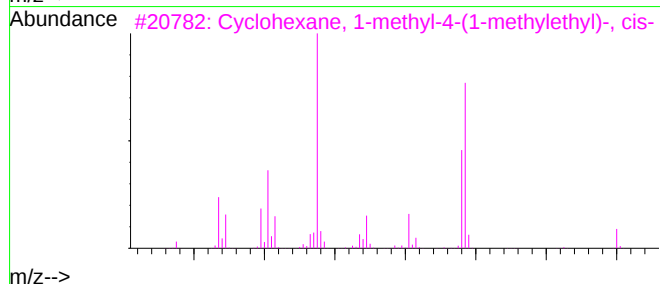
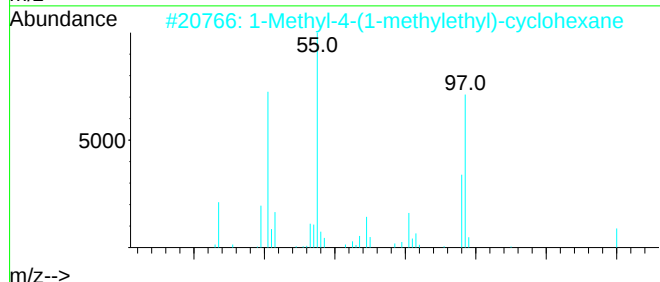
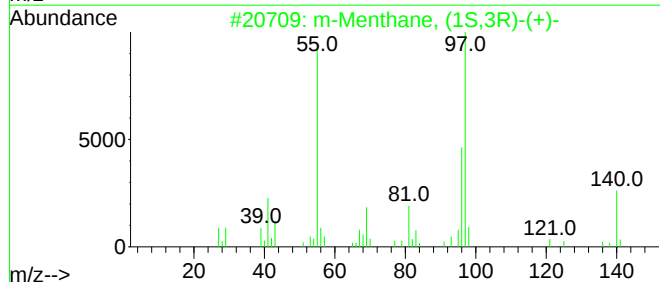
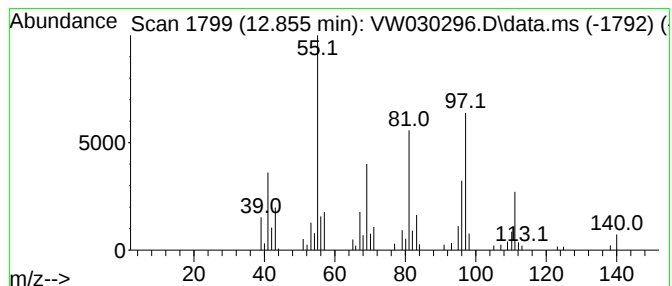
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.855	3.66 ug/L	49797	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	64
2	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	52
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	52
4	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	52
5	Cyclohexane, 1-methyl-4-(1-methv...	140	C10H20	001678-82-6	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093024\
Data File : VW030296.D
Acq On : 30 Sep 2024 16:21
Operator : SY/MD
Sample : P4183-06
Misc : 5.39g/10mL/MSVOA_W/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EM2

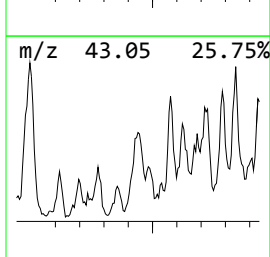
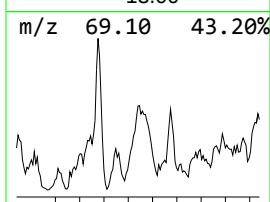
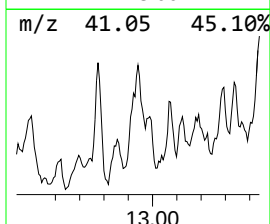
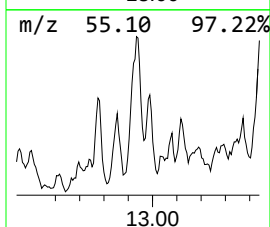
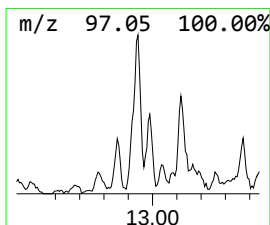
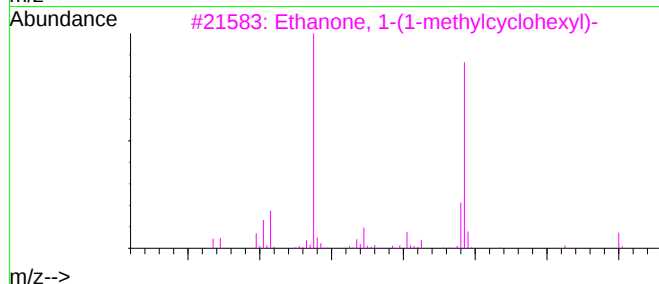
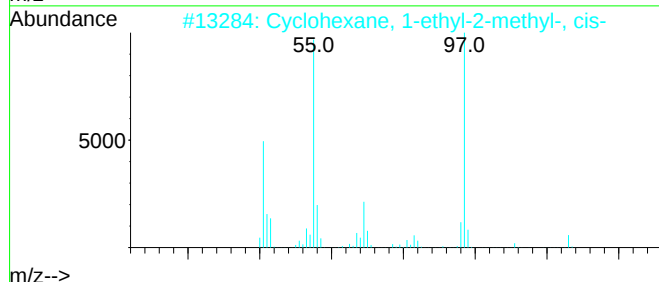
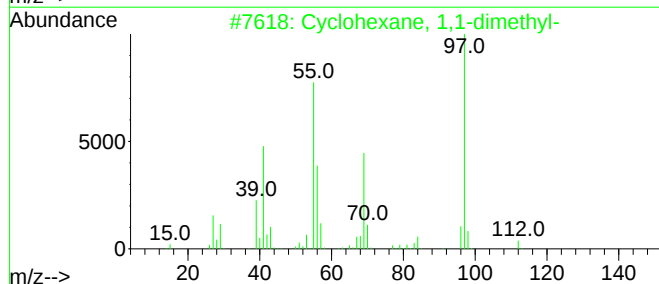
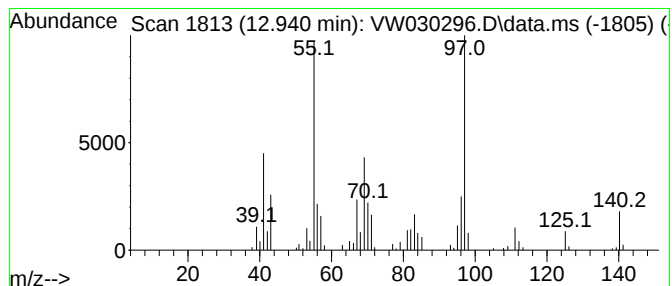
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Cyclic12.940 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.940	8.30 ug/L	113049	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	55
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	53
3	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	50
4	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	50
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093024\
Data File : VW030296.D
Acq On : 30 Sep 2024 16:21
Operator : SY/MD
Sample : P4183-06
Misc : 5.39g/10mL/MSVOA_W/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EM2

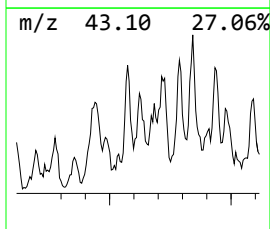
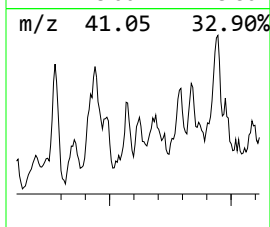
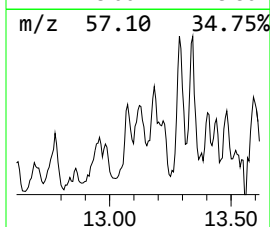
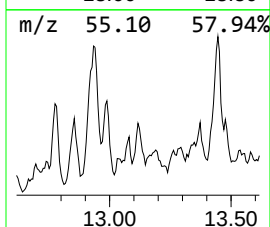
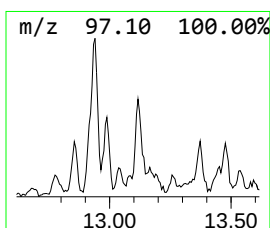
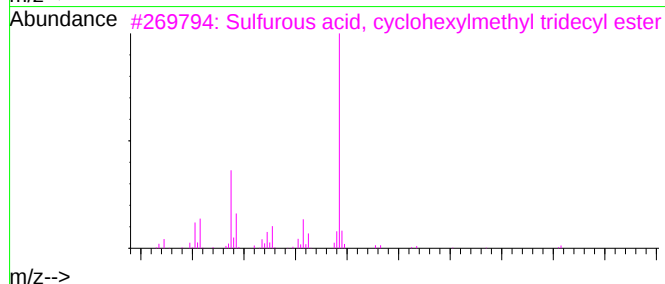
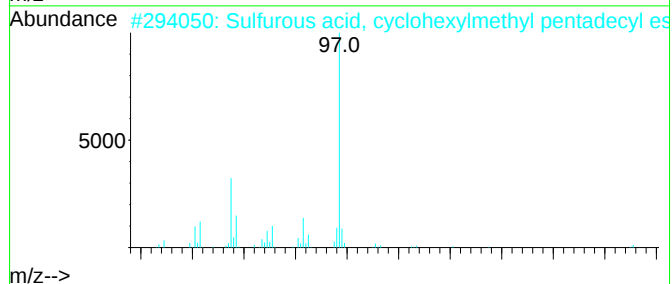
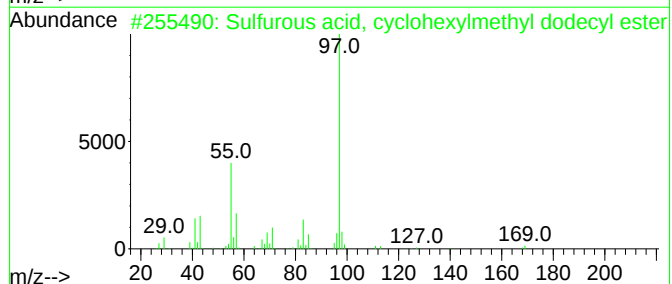
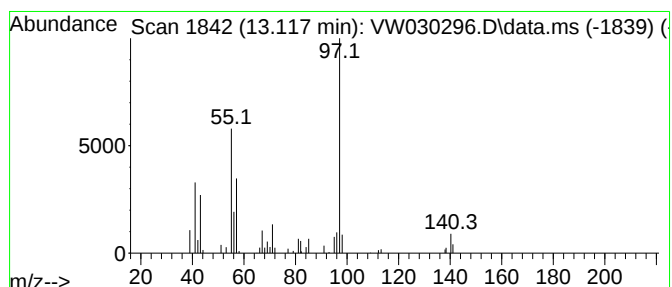
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 11 Sulfurous acid, cyclohexylm... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.117	1.43 ug/L	19523	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	59
2	Sulfurous acid, cyclohexylmethyl...	388	C22H44O3S	1000309-22-3	59
3	Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	59
4	Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	59
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093024\
Data File : VW030296.D
Acq On : 30 Sep 2024 16:21
Operator : SY/MD
Sample : P4183-06
Misc : 5.39g/10mL/MSVOA_W/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EM2

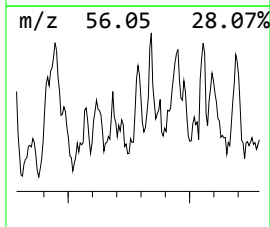
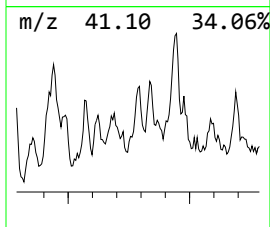
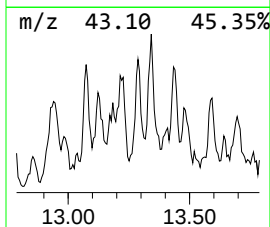
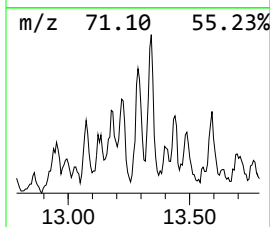
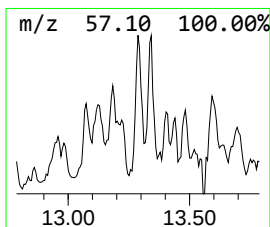
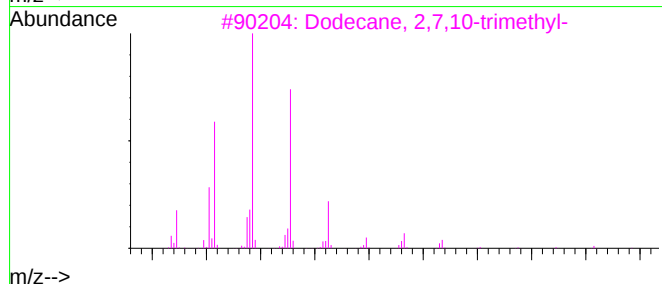
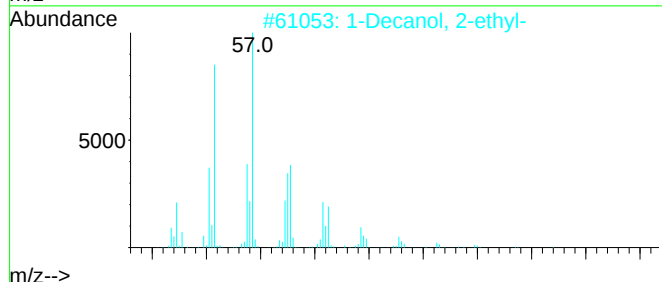
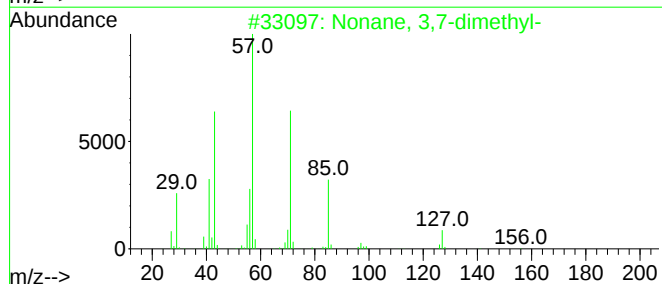
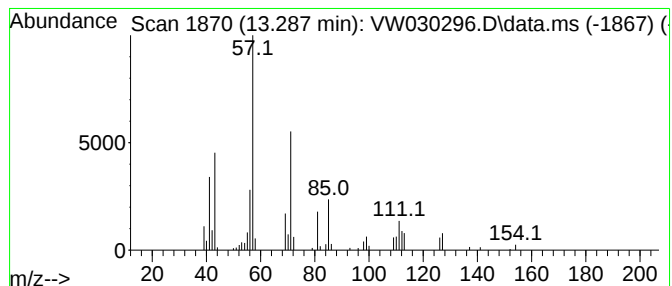
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.288	1.43 ug/L	19487	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
2	1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	59
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093024\
Data File : VW030296.D
Acq On : 30 Sep 2024 16:21
Operator : SY/MD
Sample : P4183-06
Misc : 5.39g/10mL/MSVOA_W/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EM2

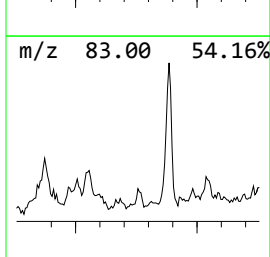
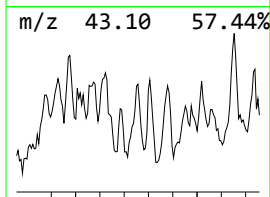
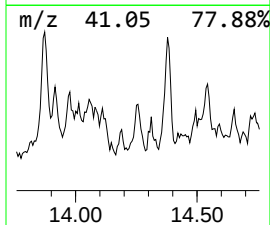
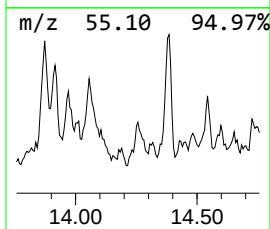
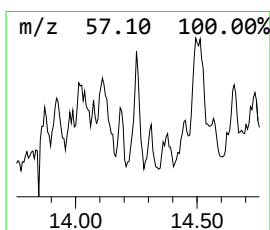
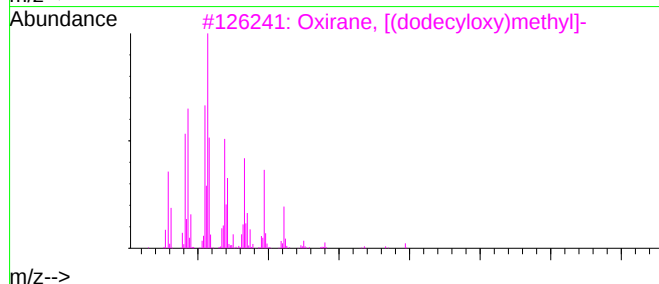
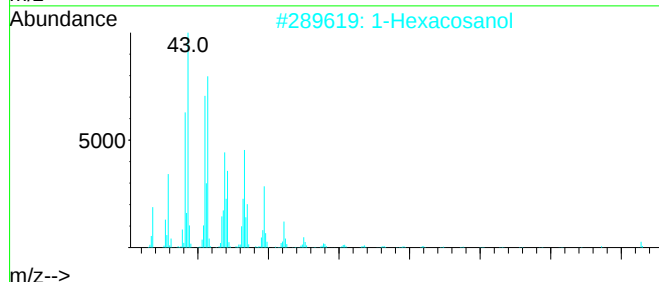
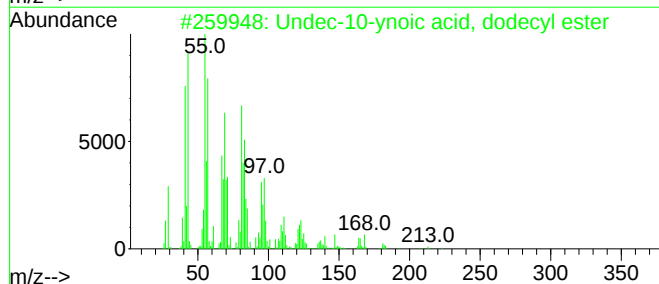
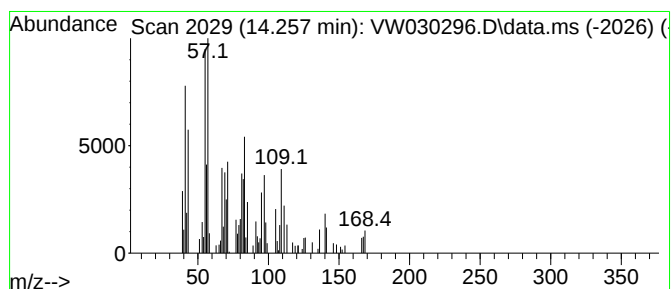
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 13 Undec-10-ynoic acid, dodecy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.257	2.63 ug/L	35776	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undec-10-ynoic acid, dodecyl ester	350	C23H42O2	1010406-16-5	53
2	1-Hexacosanol	382	C26H54O	000506-52-5	49
3	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	49
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	47
5	Dichloroacetic acid, tetradecyl ...	324	C16H30Cl2O2	083005-02-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093024\
Data File : VW030296.D
Acq On : 30 Sep 2024 16:21
Operator : SY/MD
Sample : P4183-06
Misc : 5.39g/10mL/MSVOA_W/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EM2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
Quant Title : SFAM01.0

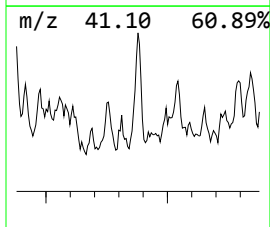
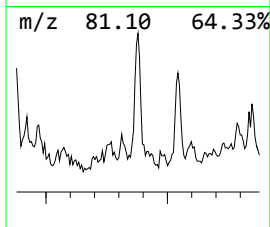
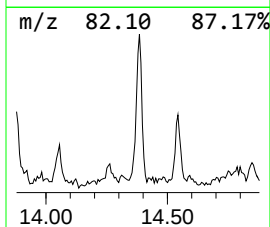
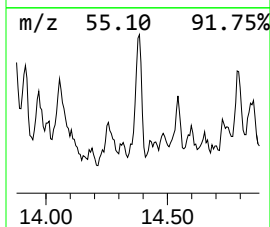
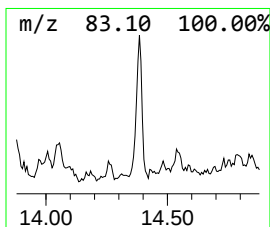
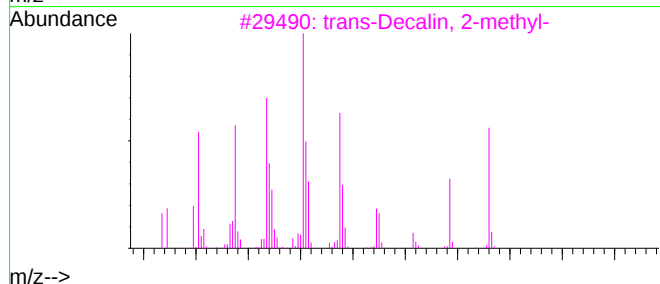
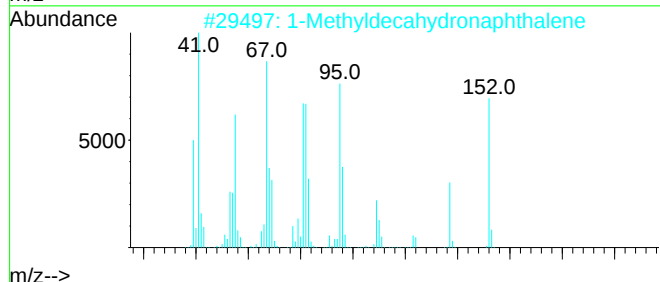
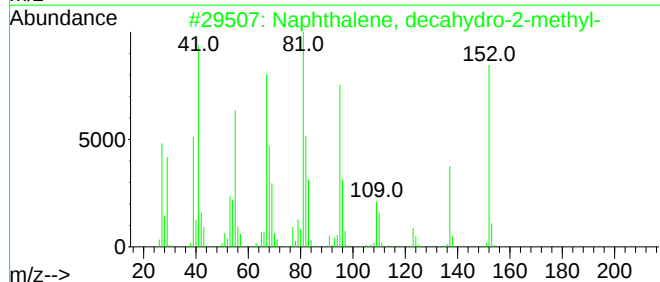
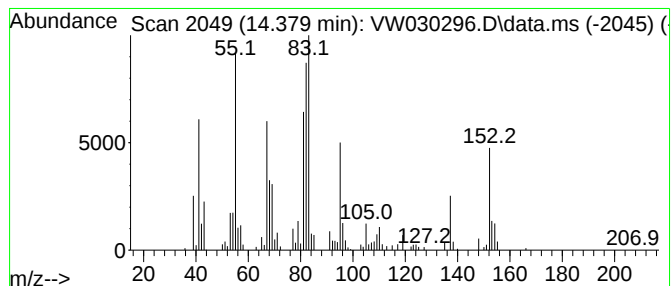
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 14 Naphthalene, decahydro-2-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.379	6.29 ug/L	85679	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	70
2	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	50
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	46
4	Cyclohexane, (1-methylbutyl)-	154	C11H22	061208-94-4	46
5	Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093024\
Data File : VW030296.D
Acq On : 30 Sep 2024 16:21
Operator : SY/MD
Sample : P4183-06
Misc : 5.39g/10mL/MSVOA_W/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EM2

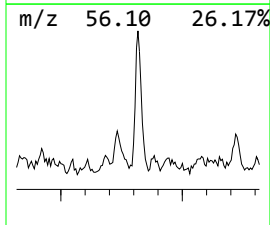
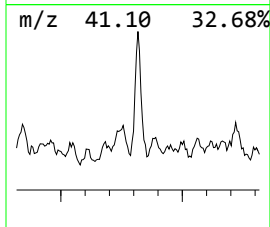
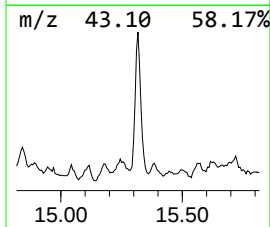
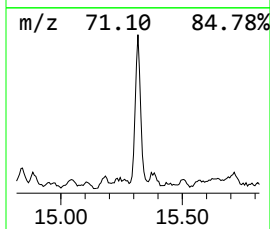
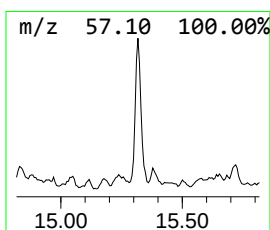
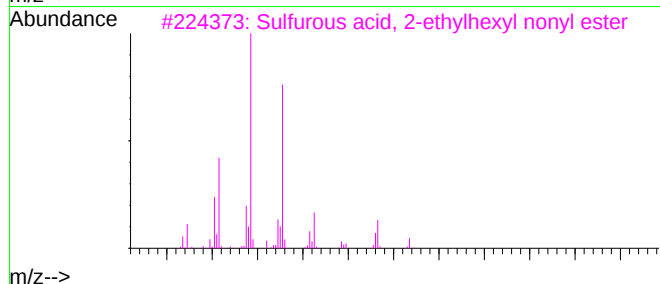
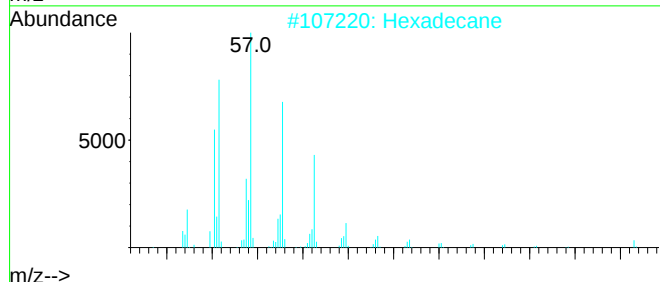
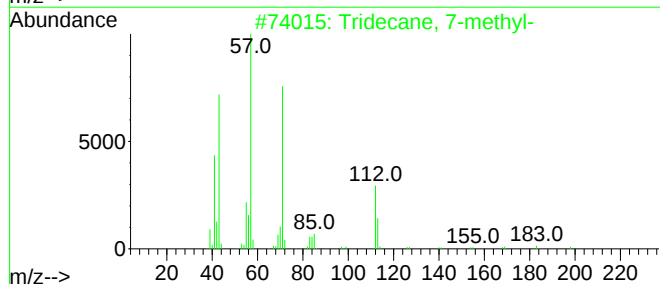
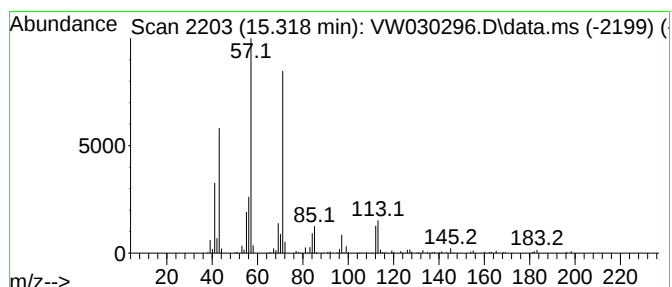
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Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.318	12.28 ug/L	167255	1,4-Dichlorobenzene-d4	13.556	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methyl-	198	C14H30	026730-14-3	87
2	Hexadecane	226	C16H34	000544-76-3	72
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
4	Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	72
5	Octadecane	254	C18H38	000593-45-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093024\
Data File : VW030296.D
Acq On : 30 Sep 2024 16:21
Operator : SY/MD
Sample : P4183-06
Misc : 5.39g/10mL/MSVOA_W/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

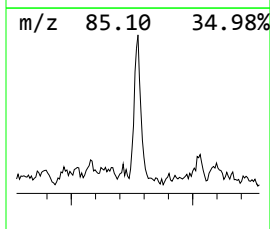
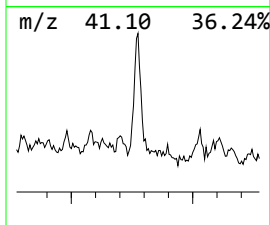
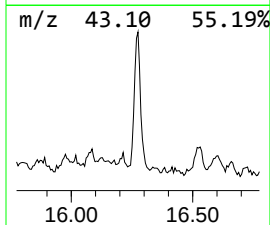
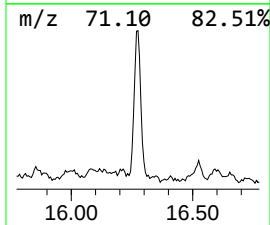
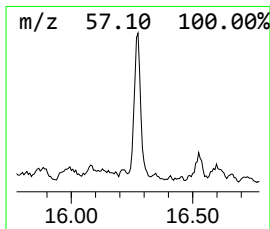
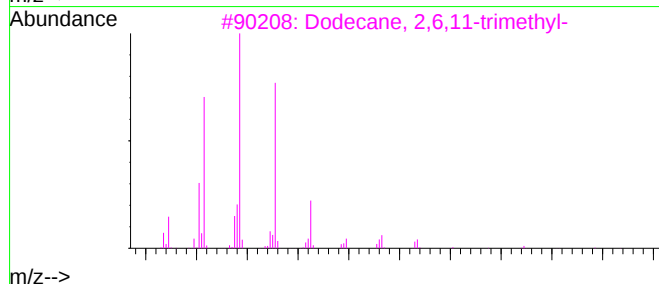
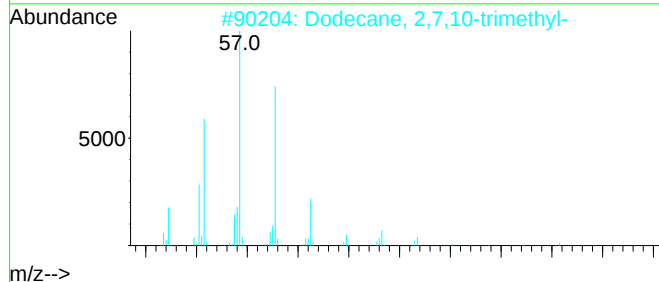
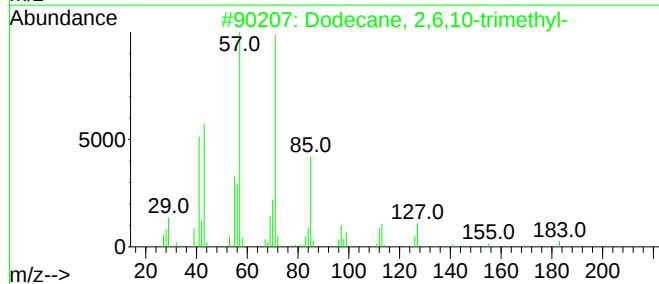
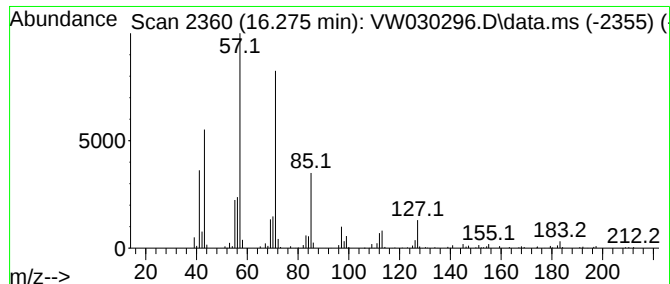
Instrument :
MSVOA_W
ClientSampleId :
A4EM2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
Quant Title : SFAM01.0

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.275	11.21 ug/L	152676	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	91
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72
5	Decane, 5-propyl-	184	C13H28	017312-62-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093024\
Data File : VW030296.D
Acq On : 30 Sep 2024 16:21
Operator : SY/MD
Sample : P4183-06
Misc : 5.39g/10mL/MSVOA_W/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EM2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.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: C...	11.227	1.6	ug/L	40775	2	11.629	622793	25.0
(DEL) Alkane: C...	12.135	2.3	ug/L	58085	2	11.629	622793	25.0
(DEL) Alkane: S...	12.251	2.4	ug/L	59303	2	11.629	622793	25.0
(DEL) Alkane: S...	12.361	6.9	ug/L	172088	2	11.629	622793	25.0
unknown-01	12.611	1.7	ug/L	23213	3	13.556	340386	25.0
(DEL) Alkane: S...	12.775	5.9	ug/L	80152	3	13.556	340386	25.0
(DEL) Alkane: S...	12.855	3.7	ug/L	49797	3	13.556	340386	25.0
(DEL) Alkane: C...	12.940	8.3	ug/L	113049	3	13.556	340386	25.0
(DEL) Alkane: C...	13.074	2.1	ug/L	28623	3	13.556	340386	25.0
Sulfurous acid,...	13.117	1.4	ug/L	19523	3	13.556	340386	25.0
(DEL) Alkane: S...	13.288	1.4	ug/L	19487	3	13.556	340386	25.0
Undec-10-ynoic ...	14.257	2.6	ug/L	35776	3	13.556	340386	25.0
Naphthalene, de...	14.379	6.3	ug/L	85679	3	13.556	340386	25.0
(DEL) Alkane: S...	15.318	12.3	ug/L	167255	3	13.556	340386	25.0
(DEL) Alkane: S...	16.275	11.2	ug/L	152676	3	13.556	340386	25.0