

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
 Data File : VW026372.D
 Acq On : 27 Jun 2023 23:13
 Operator : SY/MD
 Sample : 03420-11
 Misc : 4.69g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46E5

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\SFAMWLM062623SMA.M
 Title : SFAM01.0

Signal : TIC: VW026372.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.149	39	43	44	rBV3	5381	6406	0.14%	0.023%
2	2.204	45	52	68	rVV3	24912	124002	2.74%	0.451%
3	2.363	71	78	92	rVV	146580	398278	8.80%	1.448%
4	2.661	123	127	134	rBV7	10423	23315	0.52%	0.085%
5	2.814	147	152	156	rBV	8584	14904	0.33%	0.054%
6	2.899	157	166	182	rVB	161089	451384	9.97%	1.641%
7	3.301	229	232	235	rVB5	2006	2323	0.05%	0.008%
8	3.393	240	247	255	rVB4	7619	19718	0.44%	0.072%
9	3.472	258	260	262	rVB3	1566	1139	0.03%	0.004%
10	3.527	267	269	270	rBV2	1437	1143	0.03%	0.004%
11	3.558	273	274	276	rVV2	1390	1275	0.03%	0.005%
12	3.576	276	277	280	rVV3	1972	2255	0.05%	0.008%
13	3.606	280	282	284	rVB3	1632	1512	0.03%	0.005%
14	3.716	298	300	301	rVV2	2507	1819	0.04%	0.007%
15	3.838	318	320	321	rBV2	1790	1219	0.03%	0.004%
16	3.881	321	327	335	rVB7	7525	18269	0.40%	0.066%
17	4.021	337	350	362	rBV	340164	1114554	24.63%	4.052%
18	4.204	375	380	387	rVB	14072	37665	0.83%	0.137%
19	4.289	393	394	396	rVB2	2864	1462	0.03%	0.005%
20	4.326	396	400	401	rBV4	1026	1062	0.02%	0.004%
21	4.381	403	409	410	rBV6	2563	3766	0.08%	0.014%
22	4.484	424	426	427	rBV2	1603	1165	0.03%	0.004%
23	4.539	434	435	437	rVB2	1868	1224	0.03%	0.004%
24	4.557	437	438	439	rBV	1444	1030	0.02%	0.004%
25	4.606	442	446	447	rBV4	1300	1648	0.04%	0.006%
26	4.673	453	457	459	rBV2	3155	5035	0.11%	0.018%
27	4.691	459	460	464	rVB4	4270	3142	0.07%	0.011%
28	4.728	464	466	468	rVB3	1574	1254	0.03%	0.005%
29	4.752	468	470	472	rBV3	1641	1035	0.02%	0.004%
30	4.801	477	478	481	rVB3	1229	978	0.02%	0.004%
31	4.893	484	493	494	rBV8	14289	22042	0.49%	0.080%
32	5.161	535	537	538	rBV2	1122	994	0.02%	0.004%
33	5.173	538	539	544	rVB5	2035	2577	0.06%	0.009%
34	5.265	552	554	557	rVB4	1443	1104	0.02%	0.004%
35	5.307	557	561	562	rBV4	967	998	0.02%	0.004%
36	5.368	569	571	573	rBV3	1314	1134	0.03%	0.004%

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 Title : SFAM01.0

37	5.423	577	580	581	rVV3	2536	2237	0.05%	0.008%
38	5.441	581	583	589	rVB7	2771	3942	0.09%	0.014%
39	5.508	592	594	595	rVB2	1520	1076	0.02%	0.004%
40	5.527	595	597	598	rBV2	1217	1101	0.02%	0.004%
41	5.557	600	602	605	rVB4	1773	1626	0.04%	0.006%
42	5.685	622	623	625	rVB2	1651	1052	0.02%	0.004%
43	5.722	627	629	631	rBV3	1027	1140	0.03%	0.004%
44	5.764	633	636	638	rBV4	2327	2313	0.05%	0.008%
45	5.795	638	641	643	rBV4	1271	1042	0.02%	0.004%
46	5.862	651	652	656	rVB4	1492	1327	0.03%	0.005%
47	5.935	659	664	674	rVB4	5478	18592	0.41%	0.068%
48	6.008	674	676	678	rBV3	1244	1119	0.02%	0.004%
49	6.051	682	683	687	rVB4	1958	1254	0.03%	0.005%
50	6.100	687	691	692	rBV4	1679	2049	0.05%	0.007%
51	6.124	692	695	697	rBV4	1666	1994	0.04%	0.007%
52	6.258	714	717	718	rBV4	1080	1069	0.02%	0.004%
53	6.270	718	719	720	rBV	1887	991	0.02%	0.004%
54	6.307	720	725	727	rVV6	2386	3691	0.08%	0.013%
55	6.338	727	730	734	rVB6	1343	1649	0.04%	0.006%
56	6.411	739	742	744	rBV4	1907	1973	0.04%	0.007%
57	6.447	744	748	750	rBV5	766	1241	0.03%	0.005%
58	6.575	767	769	771	rVB3	1309	1080	0.02%	0.004%
59	6.600	771	773	774	rBV2	1291	1047	0.02%	0.004%
60	6.636	777	779	782	rVB4	1003	1332	0.03%	0.005%
61	6.709	787	791	792	rBV4	1429	1681	0.04%	0.006%
62	6.740	792	796	797	rVB4	900	1049	0.02%	0.004%
63	6.752	797	798	801	rVB3	1099	977	0.02%	0.004%
64	6.819	807	809	812	rVB4	1177	1079	0.02%	0.004%
65	6.856	812	815	816	rBV3	2347	2329	0.05%	0.008%
66	6.880	816	819	820	rBV3	1275	1021	0.02%	0.004%
67	6.996	829	838	841	rBV3	2887	7781	0.17%	0.028%
68	7.087	844	853	857	rBV3	49045	142343	3.15%	0.518%
69	7.319	887	891	893	rVB5	1880	2141	0.05%	0.008%
70	7.343	893	895	899	rBV5	2147	2434	0.05%	0.009%
71	7.417	903	907	908	rBV4	1079	1181	0.03%	0.004%
72	7.441	908	911	914	rBV5	1969	2585	0.06%	0.009%
73	7.502	919	921	924	rVB4	1516	1212	0.03%	0.004%
74	7.532	924	926	927	rBV2	1935	1351	0.03%	0.005%
75	7.575	932	933	935	rBV2	1571	1021	0.02%	0.004%
76	7.648	935	945	957	rBV	578053	1390778	30.73%	5.057%

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77	7.880	981	983	984	rBV2	2207	1196	0.03%	0.004%
78	8.038	1001	1009	1012	rBV10	7014	16560	0.37%	0.060%
79	8.154	1026	1028	1034	rVB7	3919	6488	0.14%	0.024%
80	8.276	1038	1048	1065	rVV2	1176742	3507971	77.52%	12.754%
81	8.477	1073	1081	1094	rBV2	73486	191933	4.24%	0.698%
82	8.843	1133	1141	1155	rBV	1286785	2535874	56.04%	9.220%
83	9.276	1204	1212	1219	rBV	805161	1664588	36.78%	6.052%
84	9.380	1226	1229	1234	rVB2	16759	27451	0.61%	0.100%
85	9.758	1285	1291	1297	rBV	85409	157731	3.49%	0.573%
86	9.892	1307	1313	1319	rBV2	72729	150999	3.34%	0.549%
87	10.032	1331	1336	1342	rBV	227315	406753	8.99%	1.479%
88	10.245	1367	1371	1376	rVB	69116	116301	2.57%	0.423%
89	10.325	1377	1384	1392	rVV	1425105	2549066	56.33%	9.268%
90	10.575	1420	1425	1433	rVB	132942	234494	5.18%	0.853%
91	10.776	1454	1458	1461	rBV4	18952	29593	0.65%	0.108%
92	10.928	1477	1483	1493	rBV4	190396	581115	12.84%	2.113%
93	11.629	1592	1598	1606	rBV	1315084	2195781	48.52%	7.983%
94	12.592	1748	1756	1767	rVV4	307673	1225646	27.08%	4.456%
95	12.690	1768	1772	1779	rVB	434629	705158	15.58%	2.564%
96	13.556	1909	1914	1925	rVB	741399	1363580	30.13%	4.958%
97	13.848	1957	1962	1968	rBV	526891	963141	21.28%	3.502%
98	14.848	2116	2126	2143	rVB2	1438781	4525462	100.00%	16.454%
99	15.318	2199	2203	2209	rBV2	92718	152879	3.38%	0.556%
100	16.275	2355	2360	2369	rVB	171784	304745	6.73%	1.108%

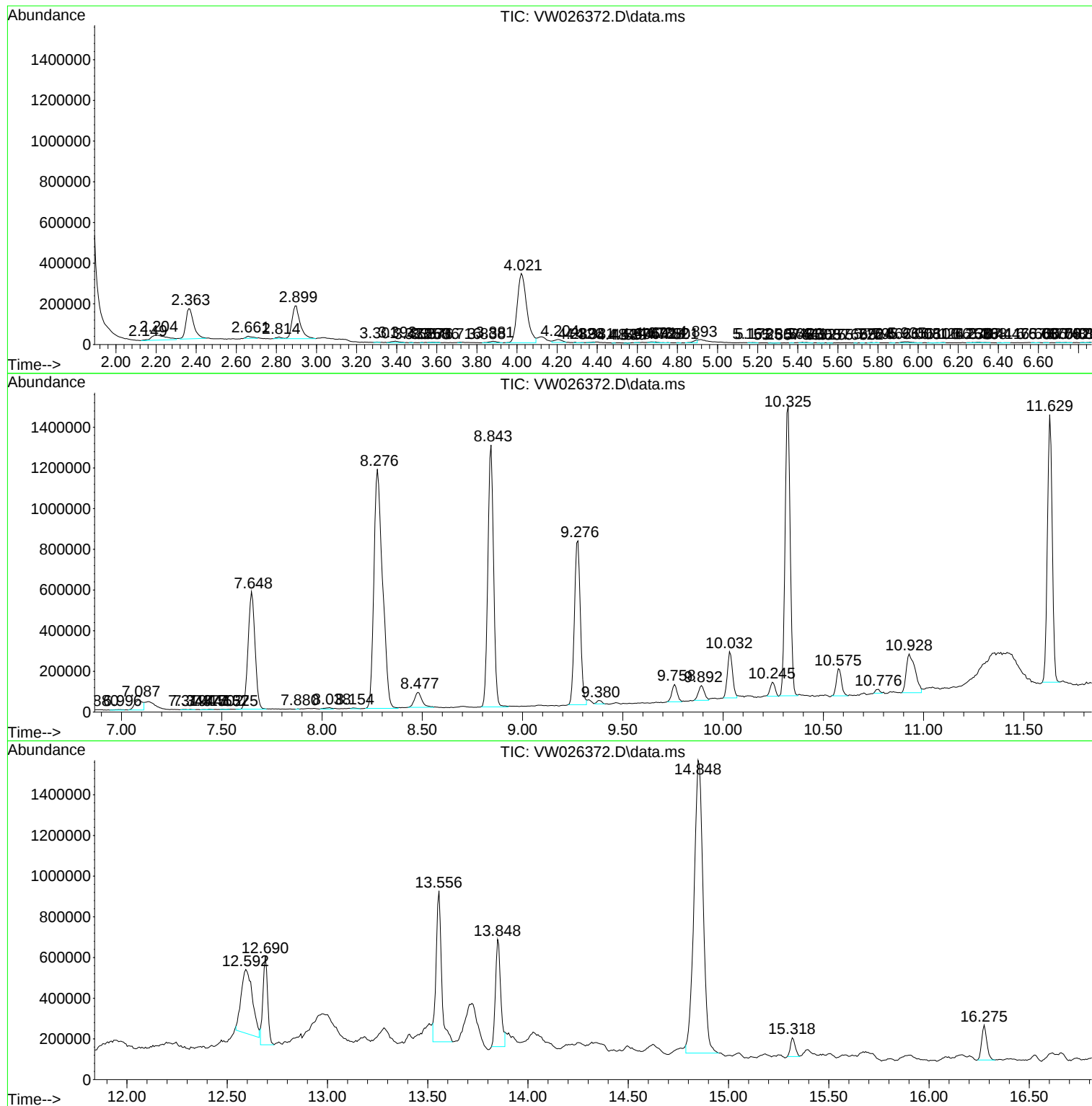
Sum of corrected areas: 27504235

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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



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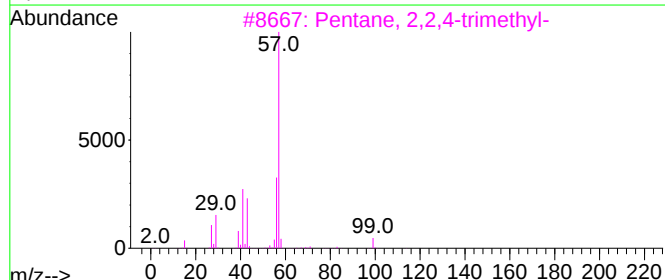
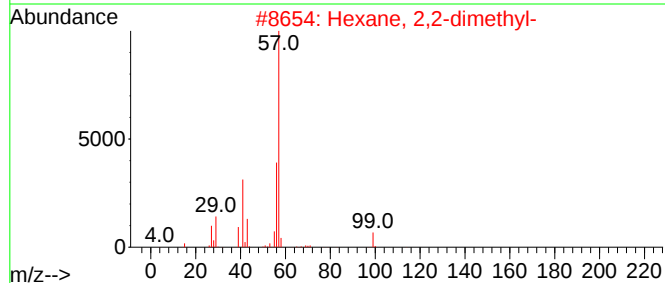
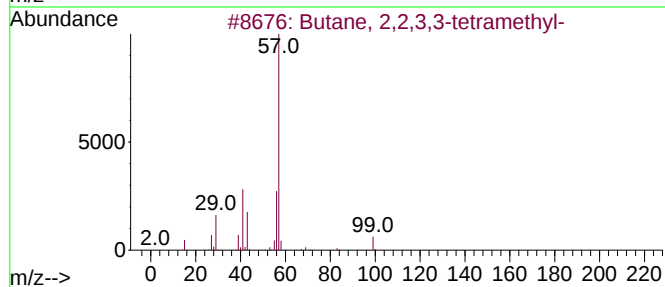
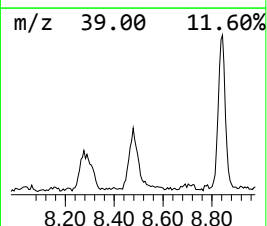
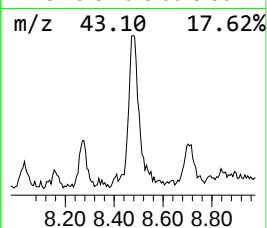
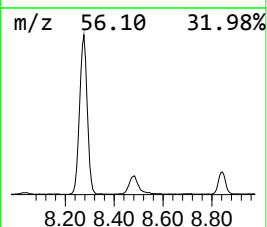
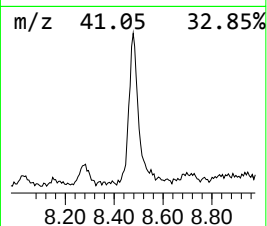
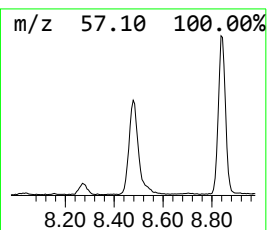
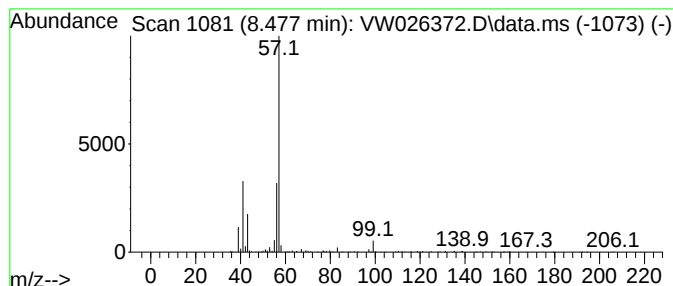
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.477	1.89 ug/L	191933	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-		114	C8H18	000594-82-1	59	
2	Hexane, 2,2-dimethyl-		114	C8H18	000590-73-8	59	
3	Pentane, 2,2,4-trimethyl-		114	C8H18	000540-84-1	45	
4	Butane, 2,2,3,3-tetramethyl-		114	C8H18	000594-82-1	45	
5	Butane, 2,2,3,3-tetramethyl-		114	C8H18	000594-82-1	45	



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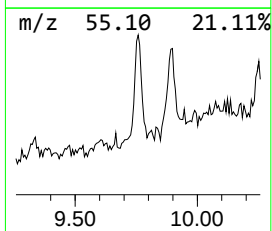
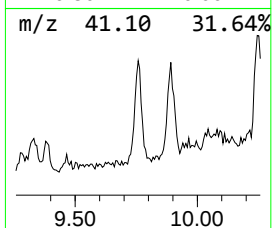
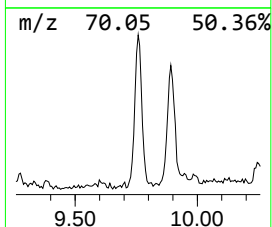
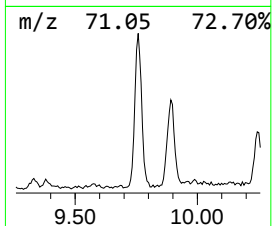
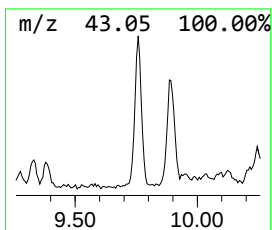
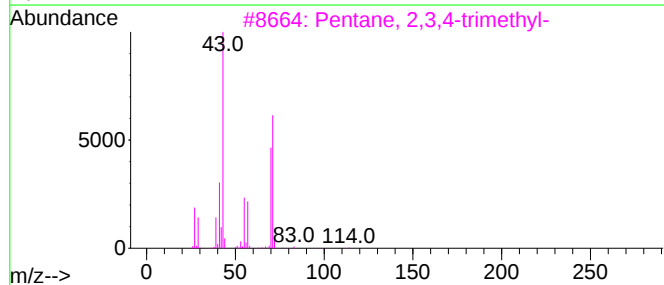
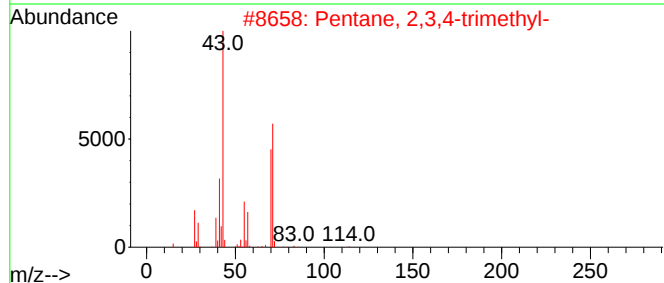
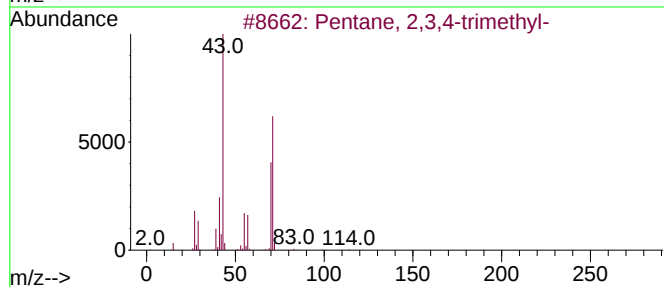
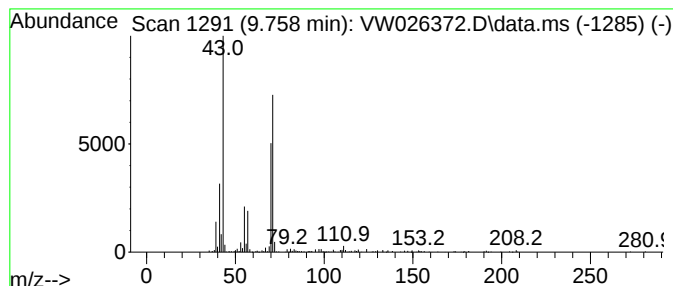
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.758	1.55 ug/L	157731	1,4-Difluorobenzene	8.843

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	87
2		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	87
3		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	87
4		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	80
5		Heptane, 4-methyl-	114	C8H18	000589-53-7	72



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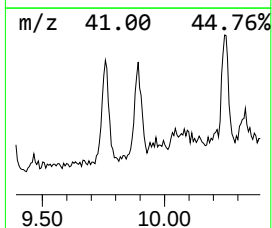
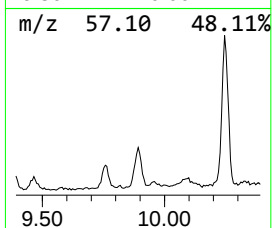
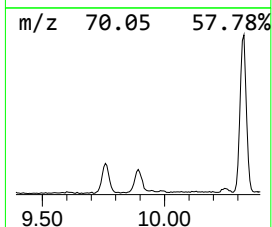
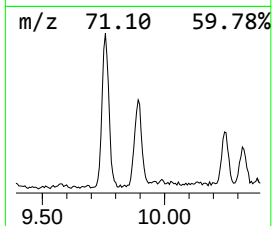
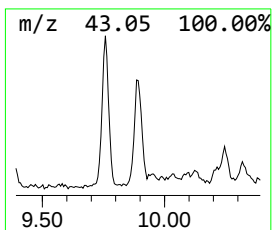
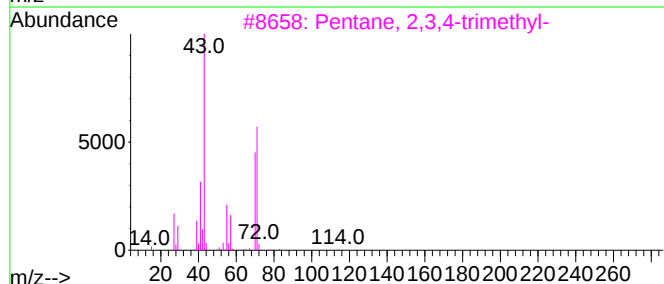
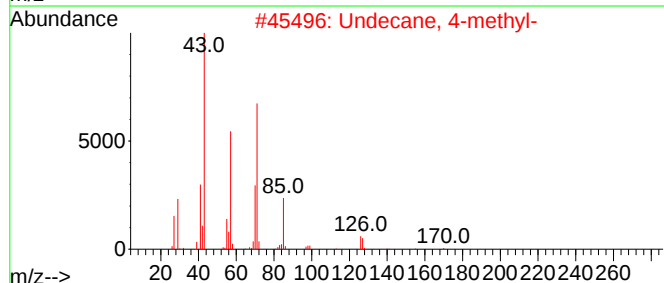
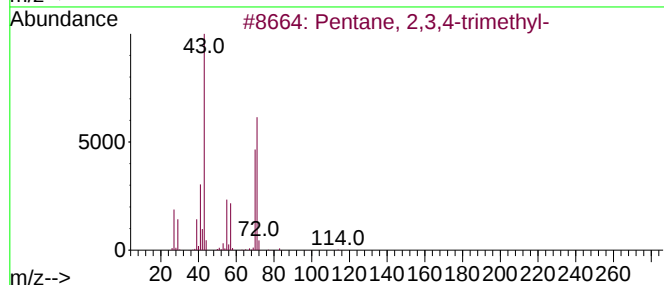
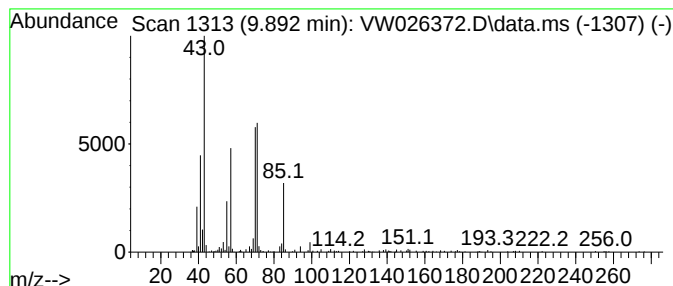
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.892	1.49 ug/L	150999	1,4-Difluorobenzene	8.843

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64
2			Undecane, 4-methyl-	170	C12H26	002980-69-0	64
3			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64
4			Hexane, 3-methyl-	100	C7H16	000589-34-4	64
5			Heptane, 4-methyl-	114	C8H18	000589-53-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026372.D
Acq On : 27 Jun 2023 23:13
Operator : SY/MD
Sample : 03420-11
Misc : 4.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46E5

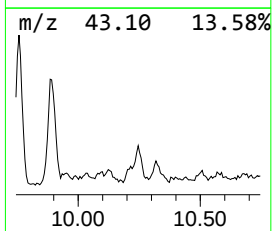
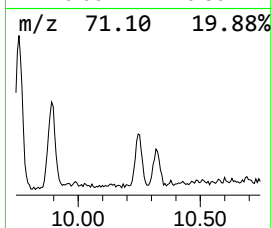
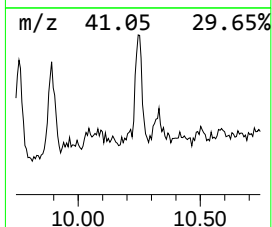
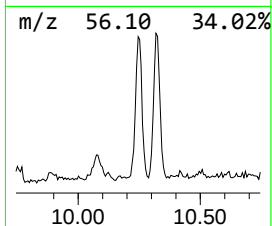
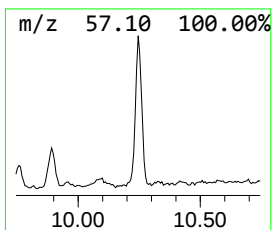
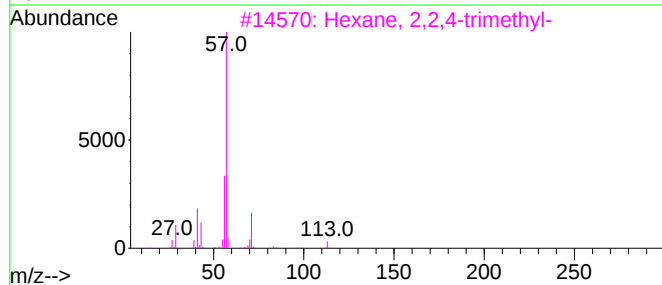
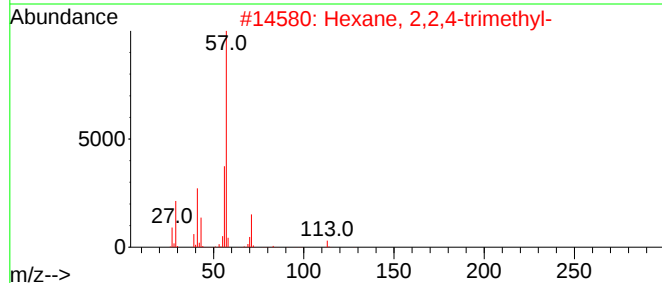
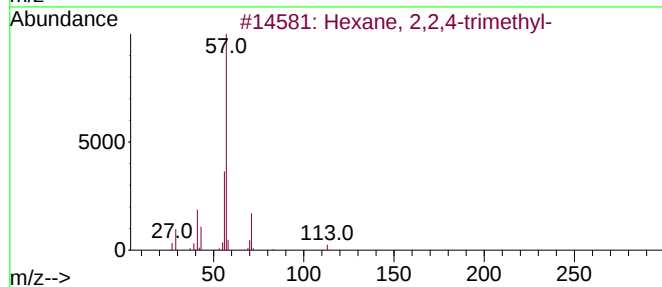
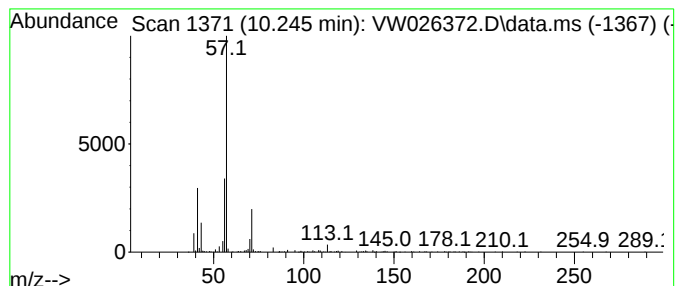
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Quant Title : SFAM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.245	1.32 ug/L	116301	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
2			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50
3			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50
4			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	50
5			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026372.D
Acq On : 27 Jun 2023 23:13
Operator : SY/MD
Sample : 03420-11
Misc : 4.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46E5

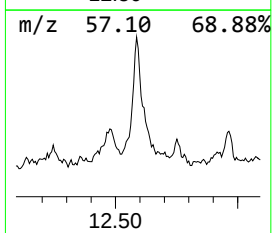
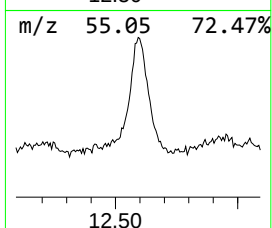
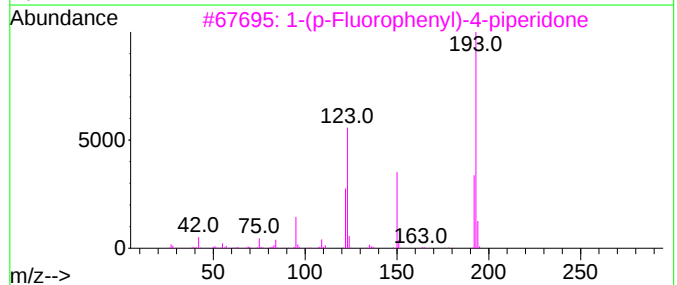
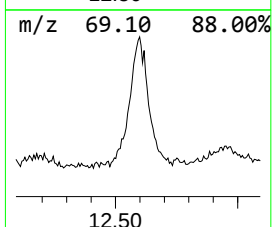
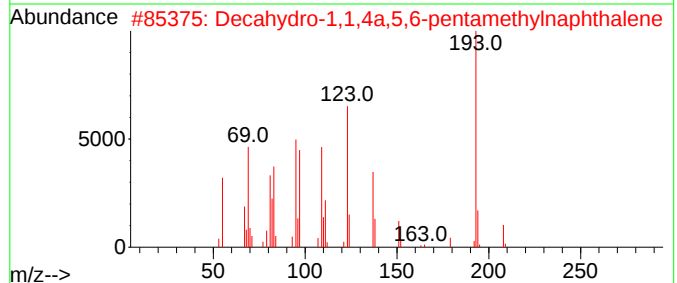
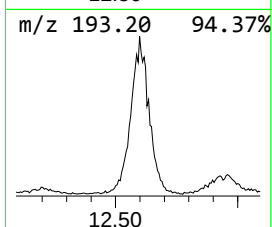
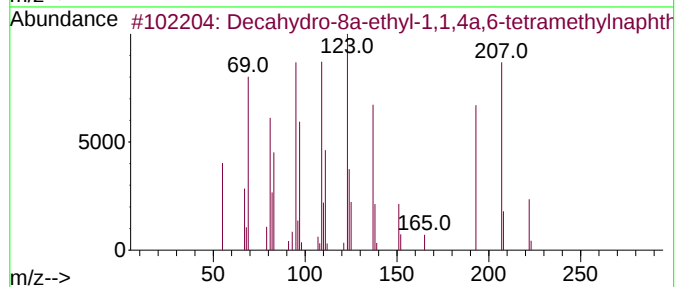
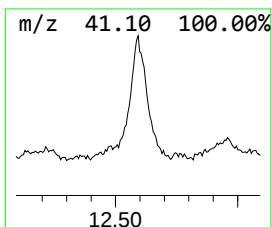
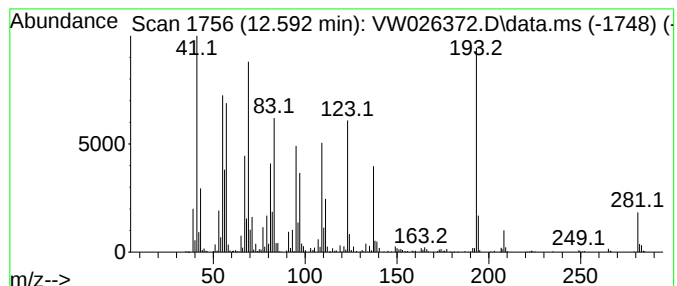
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Quant Title : SFAM01.0

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

Peak Number 6 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.592	22.47 ug/L	1225650	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-8a-ethyl-1,1,4a,6-tetr...	222	C16H30	1000100-23-6	47
2			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	46
3			1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	30
4			2H-Spiro[1-benzofuran-3,2'-[1,3]...	193	C10H11NO3	1000387-33-4	25
5			Iminostilbene	193	C14H11N	000256-96-2	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026372.D
Acq On : 27 Jun 2023 23:13
Operator : SY/MD
Sample : 03420-11
Misc : 4.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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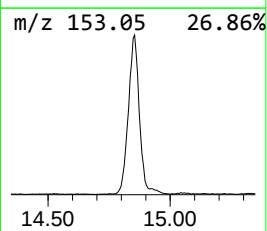
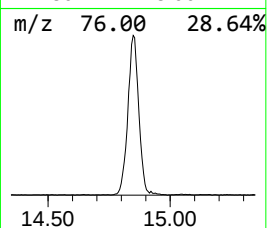
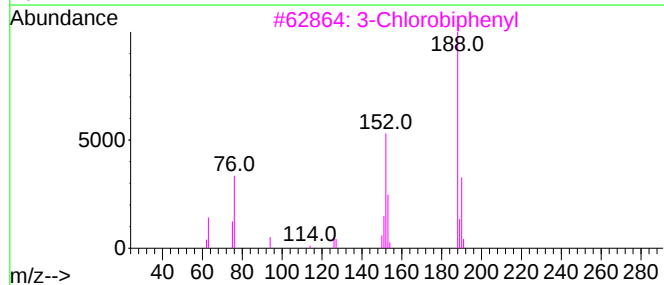
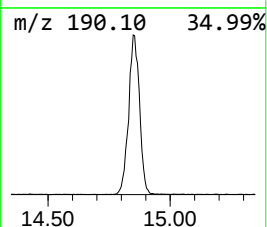
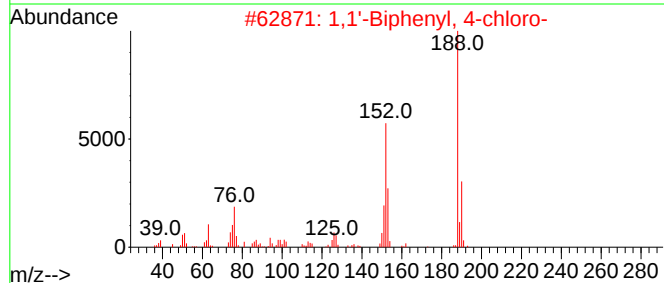
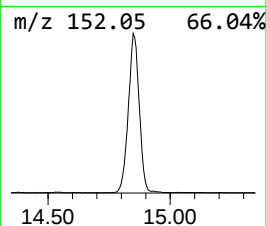
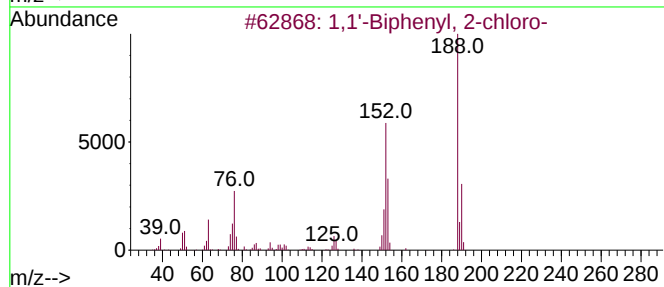
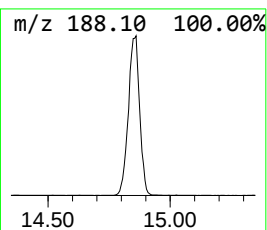
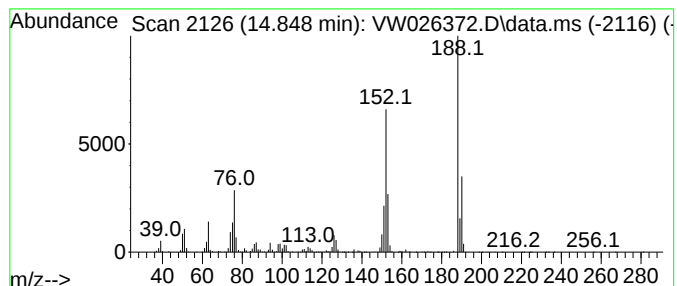
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Quant Title : SFAM01.0

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

Peak Number 7 1,1'-Biphenyl, 2-chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.848	82.97 ug/L	4525460	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-chloro-			188	C12H9Cl	002051-60-7	99
2	1,1'-Biphenyl, 4-chloro-			188	C12H9Cl	002051-62-9	98
3	3-Chlorobiphenyl			188	C12H9Cl	002051-61-8	97
4	3-Chlorobiphenyl			188	C12H9Cl	002051-61-8	97
5	1,1'-Biphenyl, 2-chloro-			188	C12H9Cl	002051-60-7	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026372.D
Acq On : 27 Jun 2023 23:13
Operator : SY/MD
Sample : 03420-11
Misc : 4.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46E5

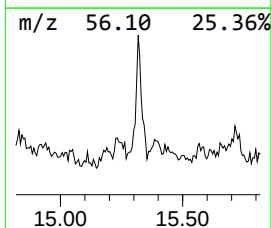
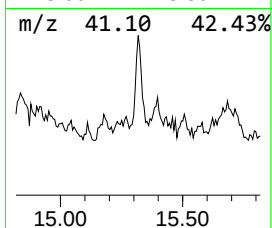
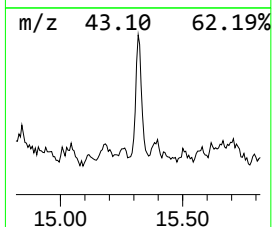
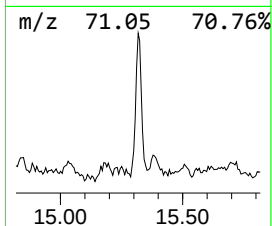
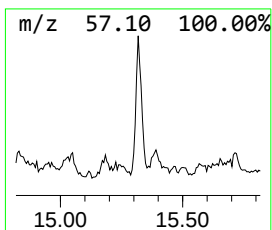
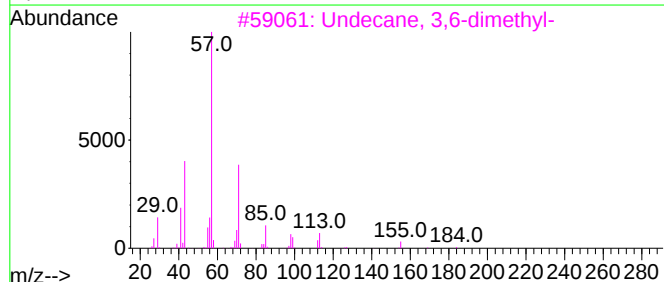
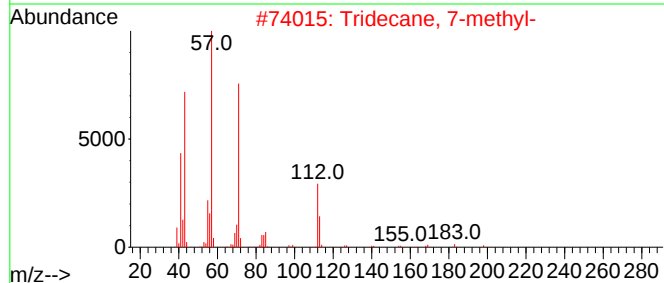
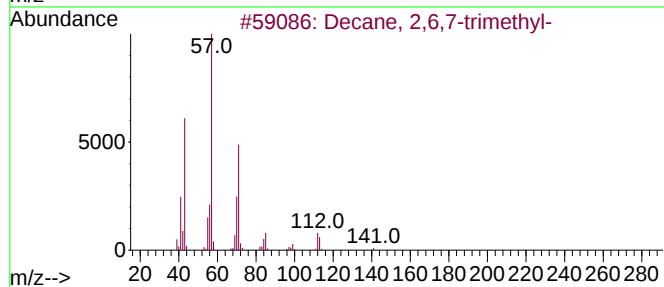
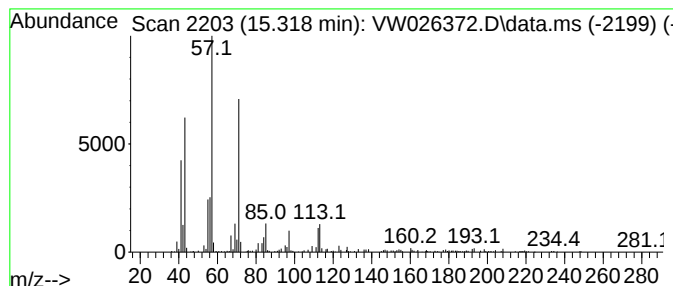
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Quant Title : SFAM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	2.80 ug/L	152879	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	72
2		Tridecane, 7-methyl-	198	C14H30	026730-14-3	70
3		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
4		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	59
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026372.D
Acq On : 27 Jun 2023 23:13
Operator : SY/MD
Sample : 03420-11
Misc : 4.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46E5

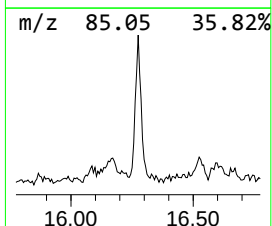
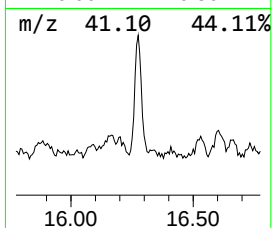
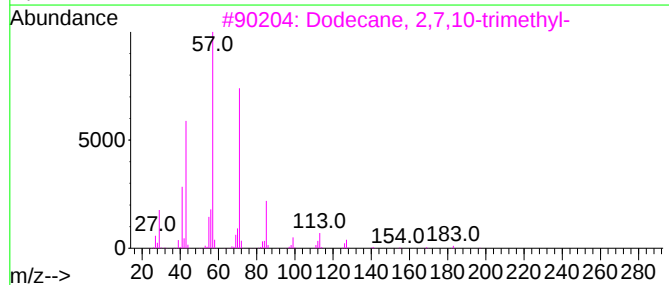
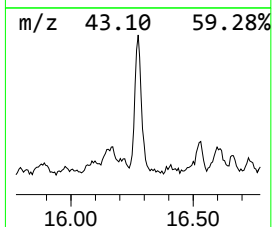
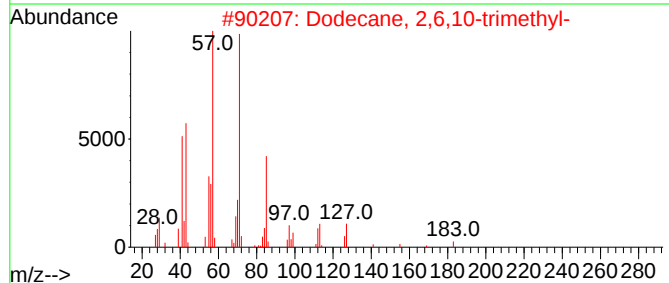
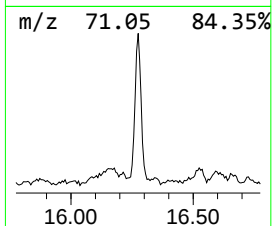
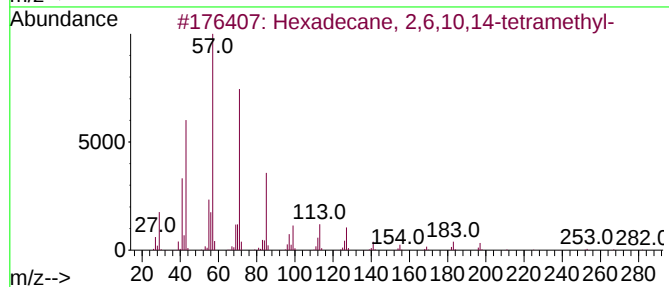
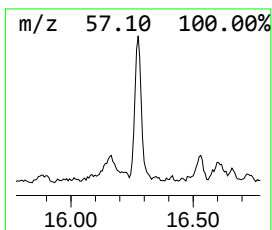
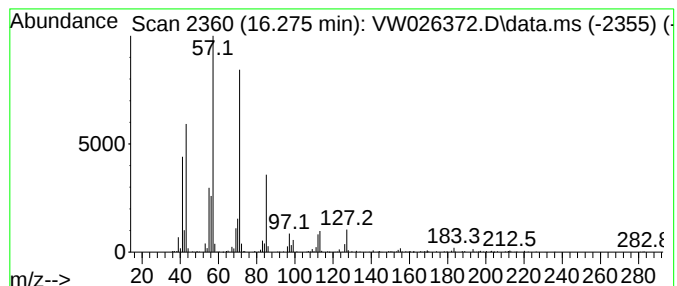
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Quant Title : SFAM01.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.275	5.59 ug/L	304745	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
4			Octane, 2-methyl-	128	C9H20	003221-61-2	87
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062723\
Data File : VW026372.D
Acq On : 27 Jun 2023 23:13
Operator : SY/MD
Sample : 03420-11
Misc : 4.69g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46E5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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(DEL) Alkane: S...	9.758	1.6	ug/L	157731	1	8.843	2535870	25.0
(DEL) Alkane: S...	9.892	1.5	ug/L	150999	1	8.843	2535870	25.0
(DEL) Alkane: S...	10.245	1.3	ug/L	116301	2	11.629	2195780	25.0
unknown-01	12.592	22.5	ug/L	1225650	3	13.556	1363580	25.0
1,1'-Biphenyl, ...	14.848	83.0	ug/L	4525460	3	13.556	1363580	25.0
(DEL) Alkane: S...	15.318	2.8	ug/L	152879	3	13.556	1363580	25.0
(DEL) Alkane: S...	16.275	5.6	ug/L	304745	3	13.556	1363580	25.0