

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059836.D
 Acq On : 04 Jul 2024 08:16
 Operator : MD/SY
 Sample : P3109-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0HC1

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.1

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_U\Method\SFAMUTR061724WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU059836.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.991	209	218	232	rVB	95731	132155	1.20%	0.274%
2	2.592	381	405	438	rBV2	234301	660574	5.99%	1.371%
3	3.036	523	543	566	rBV	2163646	4595815	41.65%	9.538%
4	4.290	914	933	953	rBV3	40824	118878	1.08%	0.247%
5	4.425	953	975	997	rBV	1804540	4559797	41.32%	9.463%
6	4.637	1019	1041	1077	rVB2	179405	614285	5.57%	1.275%
7	5.055	1156	1171	1181	rBV2	97571	217422	1.97%	0.451%
8	5.123	1181	1192	1220	rVB2	130312	330961	3.00%	0.687%
9	5.454	1277	1295	1324	rVB	2388592	5363921	48.61%	11.132%
10	5.718	1359	1377	1390	rBV2	207375	523202	4.74%	1.086%
11	5.891	1406	1431	1487	rVB	4802631	11034420	100.00%	22.900%
12	6.242	1527	1540	1576	rBV	185150	384954	3.49%	0.799%
13	6.682	1664	1677	1684	rBV	127023	239357	2.17%	0.497%
14	6.730	1685	1692	1703	rVV3	116367	224660	2.04%	0.466%
15	6.801	1703	1714	1724	rVV3	254488	509716	4.62%	1.058%
16	6.859	1724	1732	1741	rVV2	189095	377599	3.42%	0.784%
17	6.917	1741	1750	1770	rVB	234369	464972	4.21%	0.965%
18	7.065	1772	1796	1808	rBV	196308	426438	3.86%	0.885%
19	7.248	1834	1853	1872	rVB	2489831	4762045	43.16%	9.883%
20	7.373	1873	1892	1907	rBV	3549654	6921191	62.72%	14.364%
21	7.464	1915	1920	1933	rVB4	65530	117873	1.07%	0.245%
22	7.554	1933	1948	1961	rBV4	111851	336483	3.05%	0.698%
23	7.618	1962	1968	1982	rVB3	75074	137321	1.24%	0.285%
24	7.830	2022	2034	2046	rBV3	207754	507726	4.60%	1.054%
25	7.891	2046	2053	2065	rVB	250342	420508	3.81%	0.873%
26	8.254	2152	2166	2177	rVB5	54853	157130	1.42%	0.326%
27	8.402	2202	2212	2233	rBV	338352	664360	6.02%	1.379%
28	8.627	2273	2282	2294	rBV	264874	431415	3.91%	0.895%
29	8.701	2296	2305	2314	rVB2	91612	149123	1.35%	0.309%
30	8.946	2365	2381	2401	rVB5	60900	190550	1.73%	0.395%
31	9.068	2407	2419	2439	rBV7	93494	200320	1.82%	0.416%
32	9.261	2472	2479	2489	rVB3	64597	115198	1.04%	0.239%
33	9.412	2515	2526	2542	rVV	254794	461026	4.18%	0.957%
34	9.682	2602	2610	2626	rVB8	69027	174220	1.58%	0.362%
35	10.750	2933	2942	2952	rBV2	100643	167594	1.52%	0.348%
36	11.804	3253	3270	3285	rVB	282064	480656	4.36%	0.998%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059836.D
Acq On : 04 Jul 2024 08:16
Operator : MD/SY
Sample : P3109-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_U\Method\SFAMUTR061724WMA.M
Title : TRACE VOA SFAM1.0

37	12.184	3377	3388	3408	rVB2	312940	559241	5.07%	1.161%
38	12.856	3578	3597	3612	rBV	107114	202223	1.83%	0.420%
39	13.319	3729	3741	3753	rVB	85338	133914	1.21%	0.278%
40	14.801	4185	4202	4211	rBV	62136	116255	1.05%	0.241%

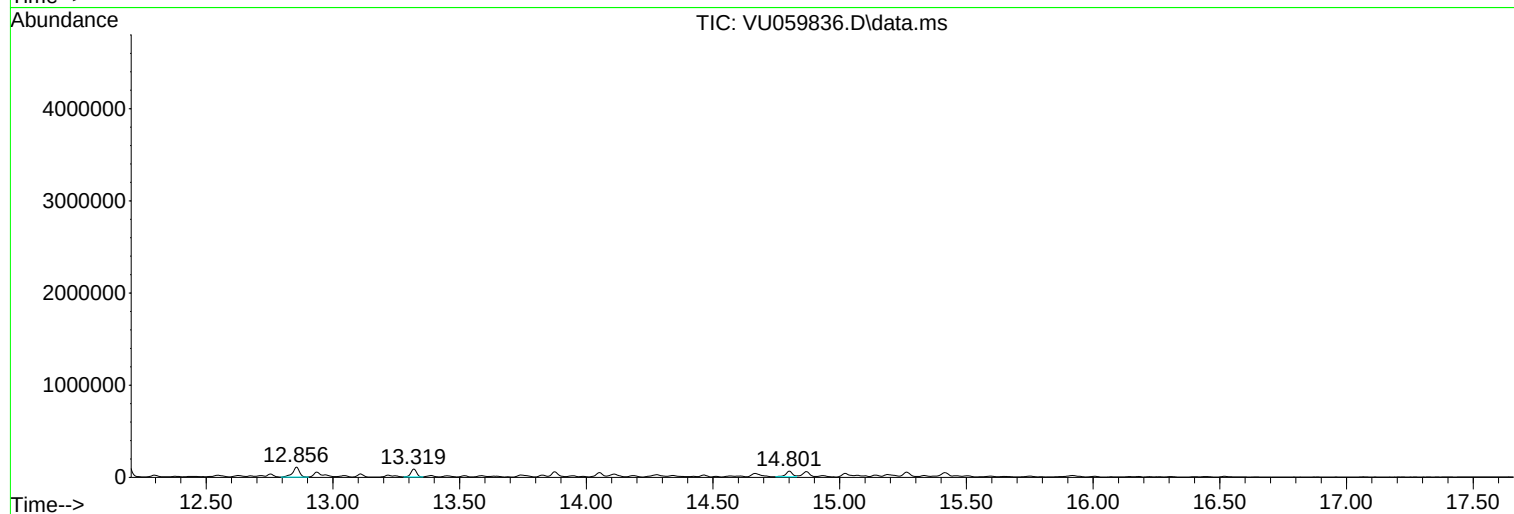
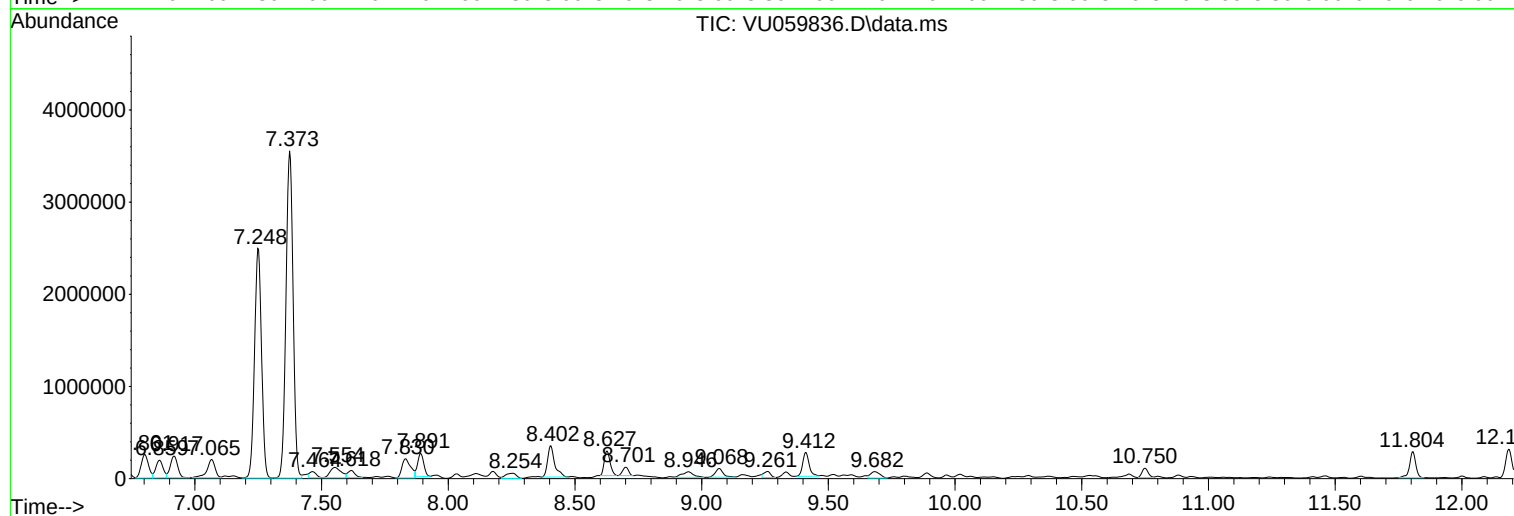
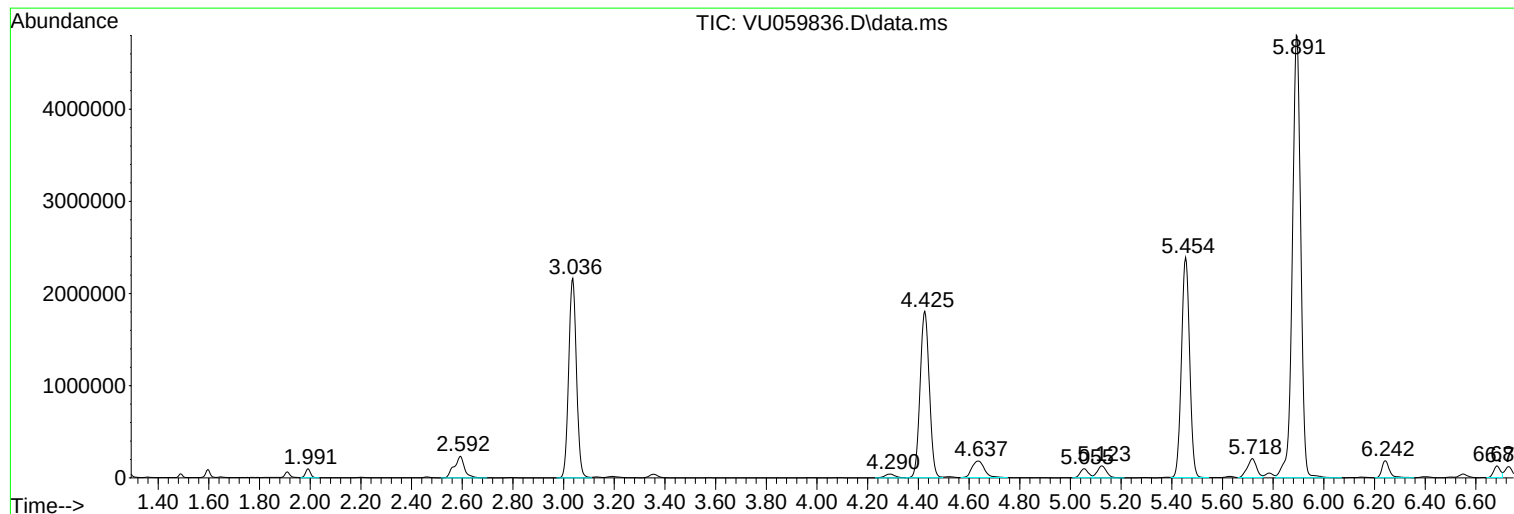
Sum of corrected areas: 48185498

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059836.D
Acq On : 04 Jul 2024 08:16
Operator : MD/SY
Sample : P3109-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059836.D
Acq On : 04 Jul 2024 08:16
Operator : MD/SY
Sample : P3109-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC1

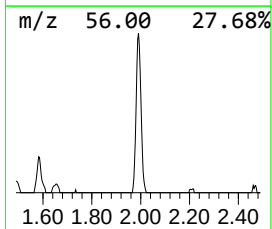
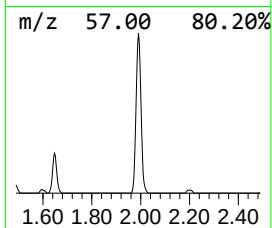
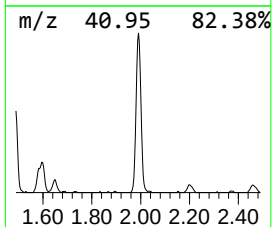
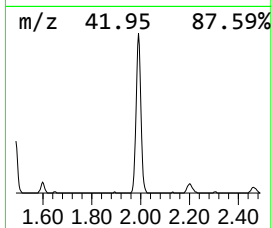
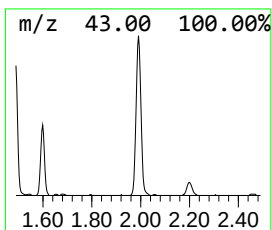
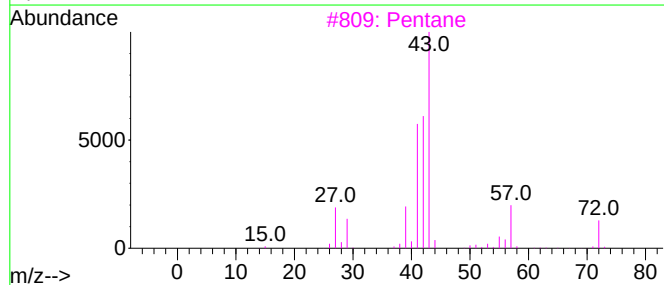
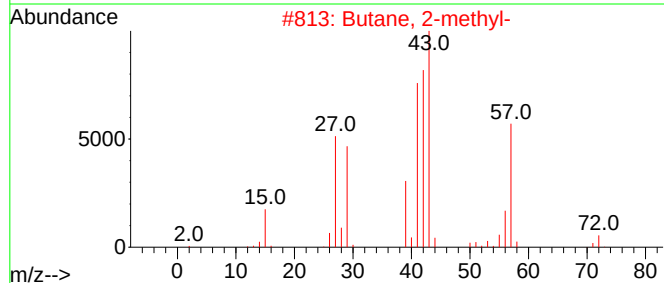
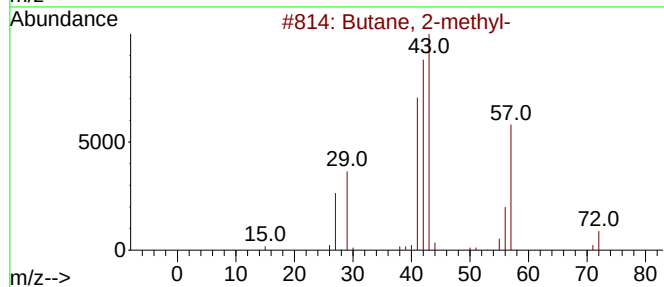
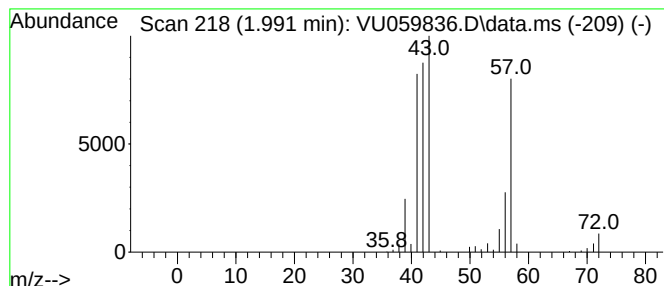
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.991	1.72 ug/L	132155	1,4-Difluorobenzene	6.242

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methyl-	72	C5H12	000078-78-4	90
2		Butane, 2-methyl-	72	C5H12	000078-78-4	86
3		Pentane	72	C5H12	000109-66-0	38
4		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	17
5		Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	17



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059836.D
Acq On : 04 Jul 2024 08:16
Operator : MD/SY
Sample : P3109-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC1

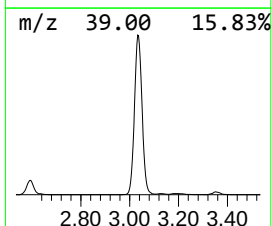
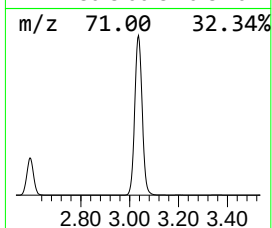
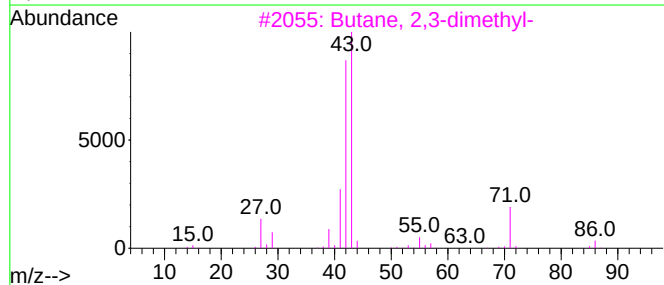
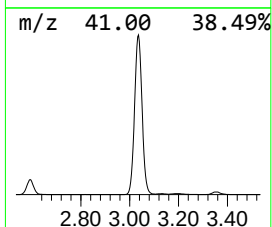
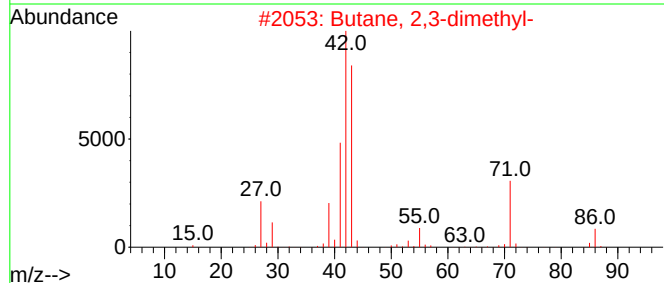
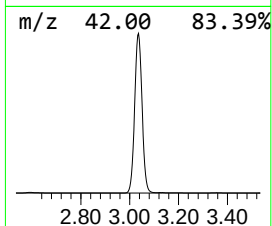
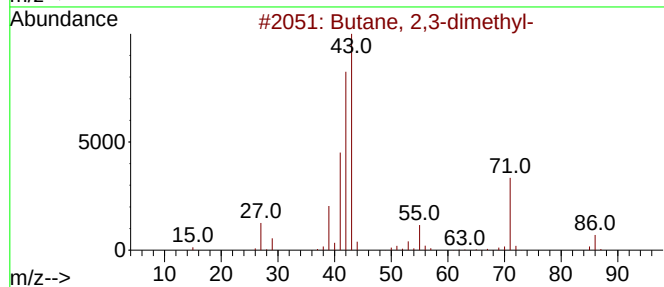
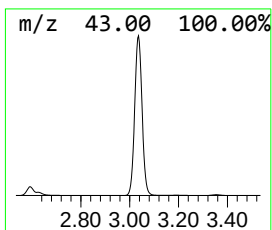
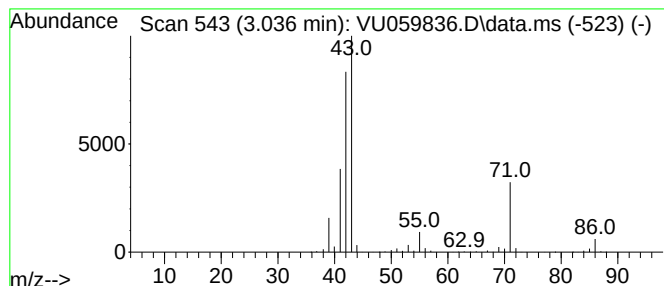
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.036	59.69 ug/L	4595820	1,4-Difluorobenzene	6.242

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	91
2			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	87
3			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
4			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
5			Pentane, 2-methyl-	86	C6H14	000107-83-5	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059836.D
Acq On : 04 Jul 2024 08:16
Operator : MD/SY
Sample : P3109-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC1

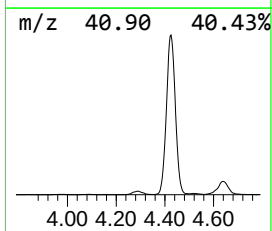
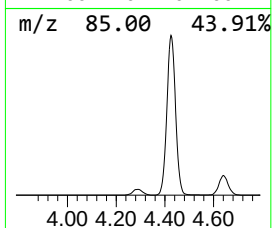
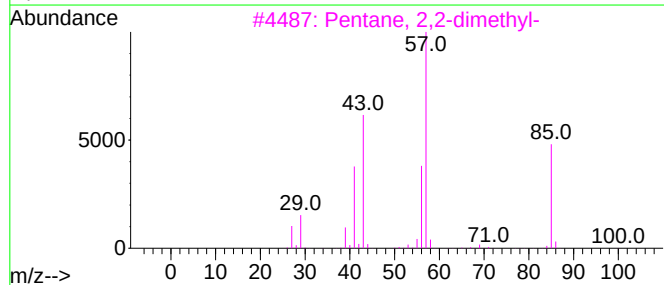
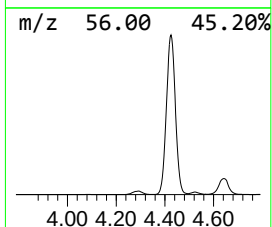
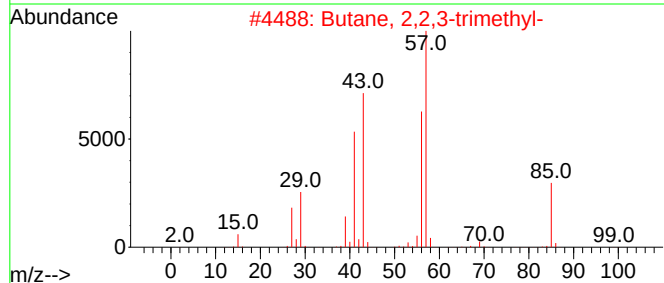
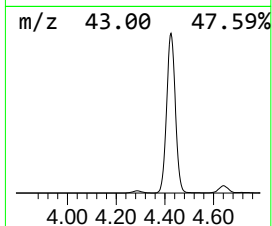
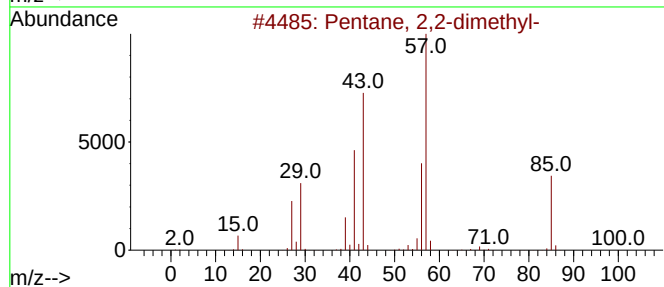
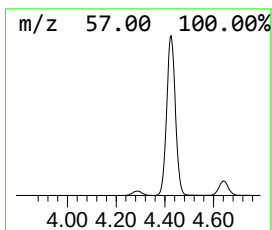
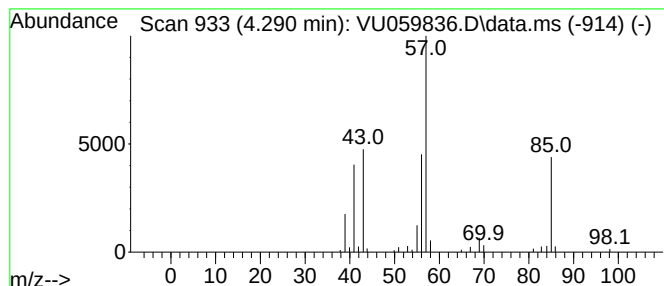
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.290	1.54 ug/L	118878	1,4-Difluorobenzene	6.242

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
2		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
3		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	74
4		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	64
5		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059836.D
Acq On : 04 Jul 2024 08:16
Operator : MD/SY
Sample : P3109-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC1

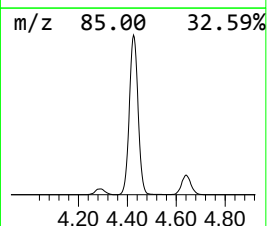
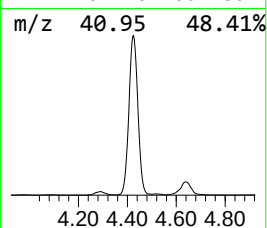
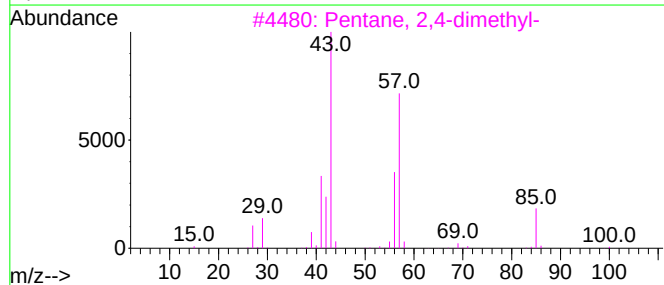
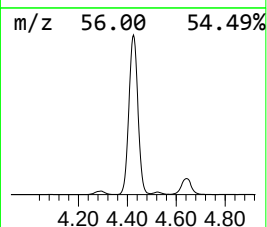
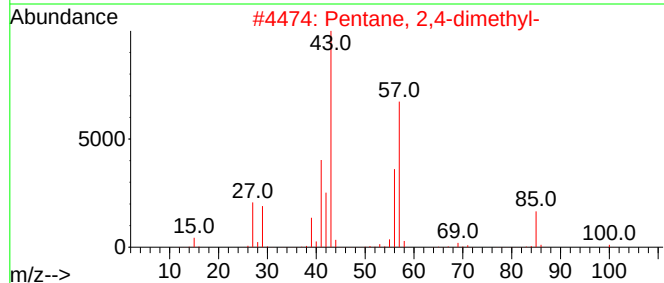
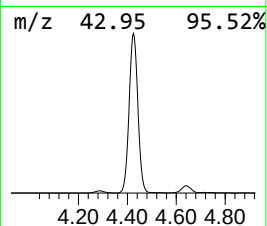
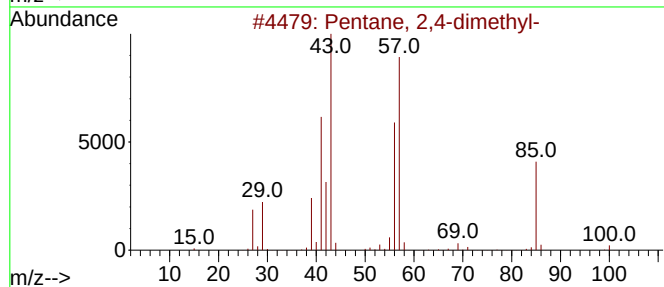
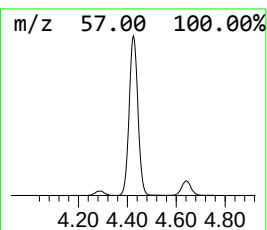
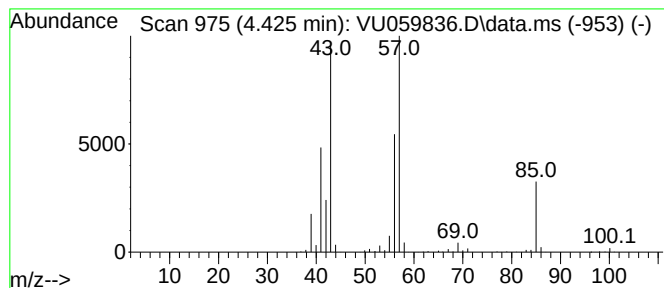
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.425	59.23 ug/L	4559800	1,4-Difluorobenzene	6.242

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	94
2			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
3			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
4			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	64
5			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059836.D
Acq On : 04 Jul 2024 08:16
Operator : MD/SY
Sample : P3109-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC1

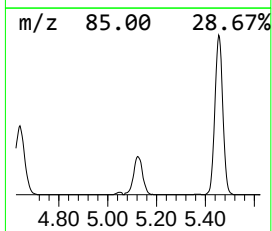
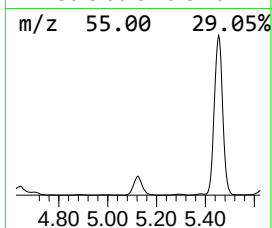
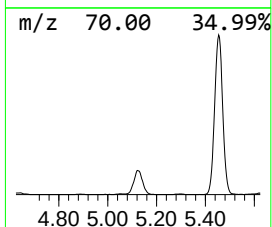
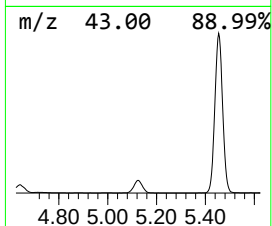
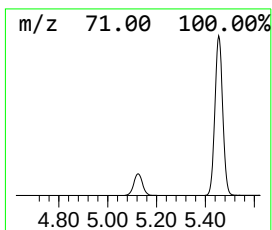
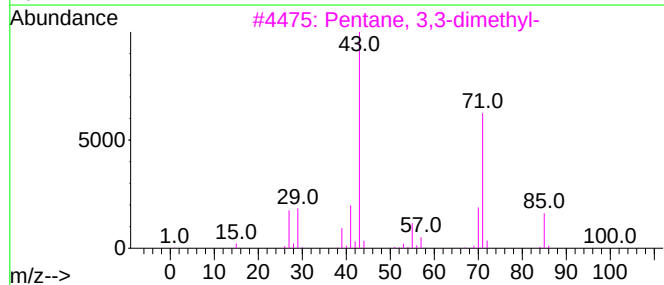
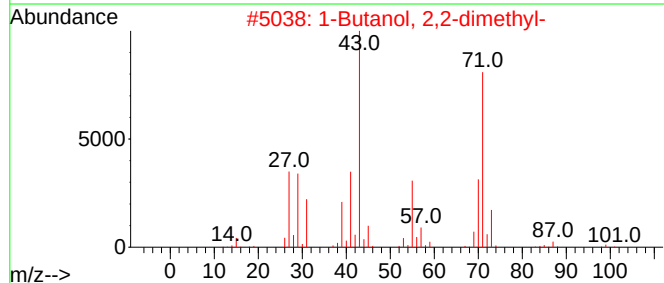
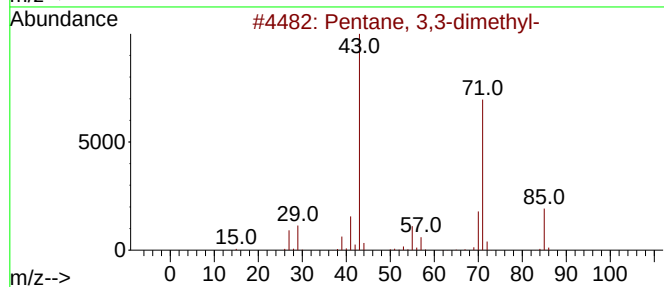
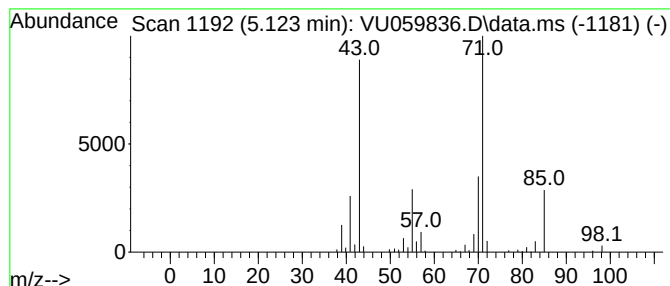
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.123	4.30 ug/L	330961	1,4-Difluorobenzene	6.242

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	78
2			1-Butanol, 2,2-dimethyl-	102	C6H14O	001185-33-7	64
3			Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	64
4			1-Butanol, 2,2-dimethyl-	102	C6H14O	001185-33-7	64
5			Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059836.D
Acq On : 04 Jul 2024 08:16
Operator : MD/SY
Sample : P3109-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC1

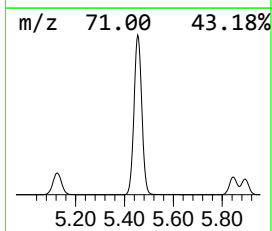
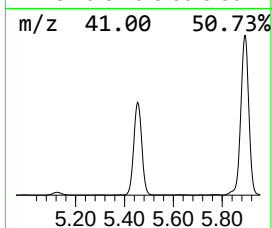
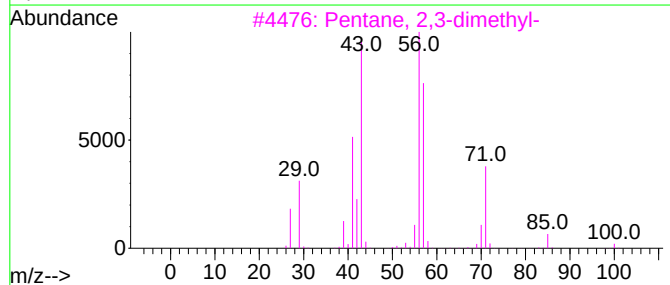
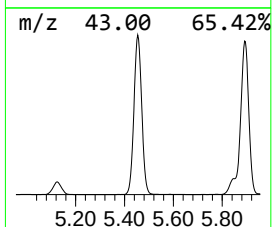
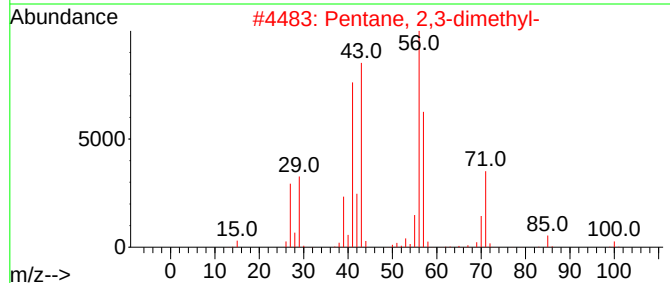
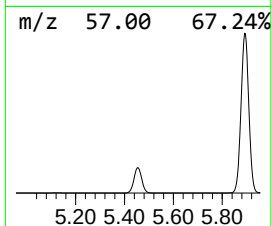
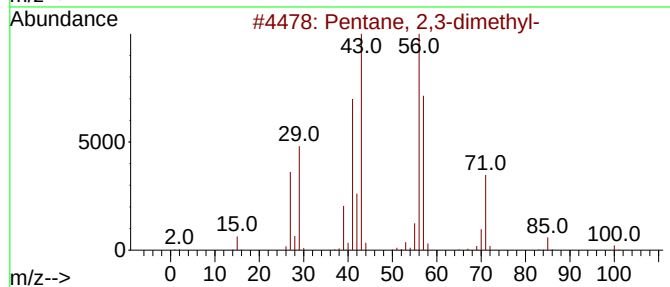
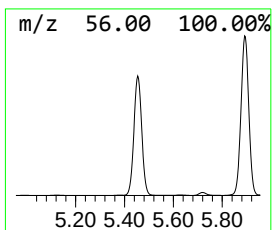
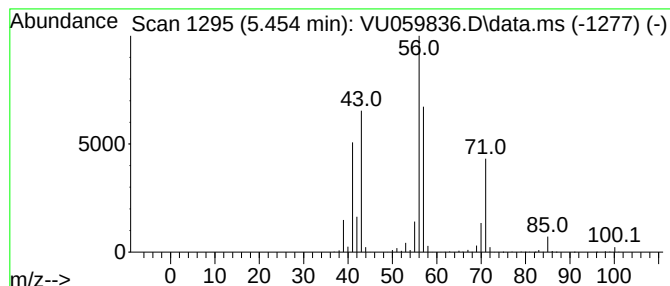
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.454	69.67 ug/L	5363920	1,4-Difluorobenzene	6.242

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
3		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
4		Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
5		Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059836.D
Acq On : 04 Jul 2024 08:16
Operator : MD/SY
Sample : P3109-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC1

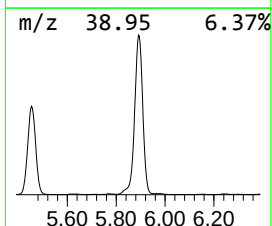
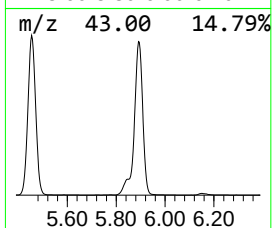
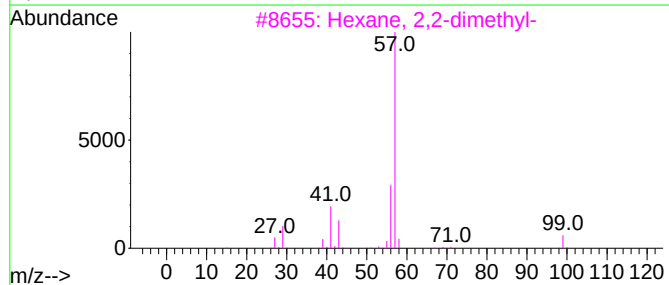
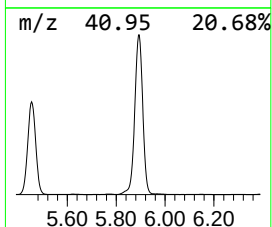
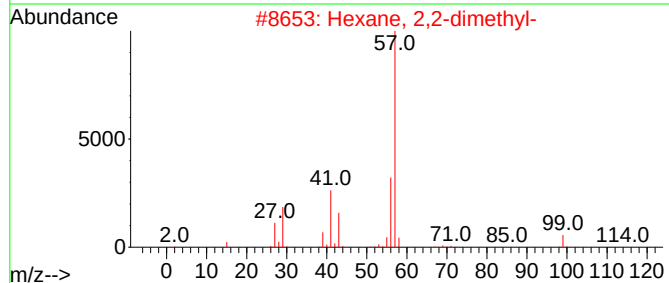
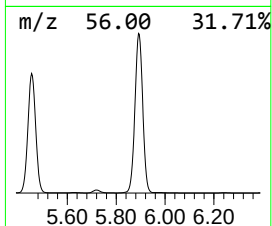
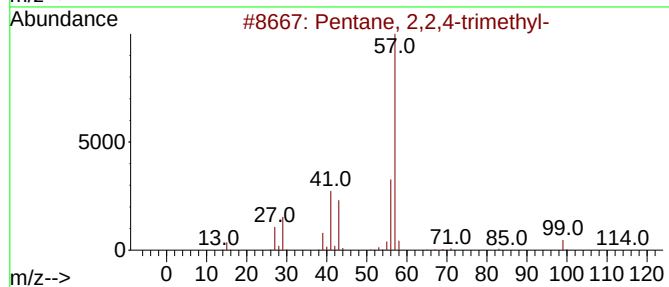
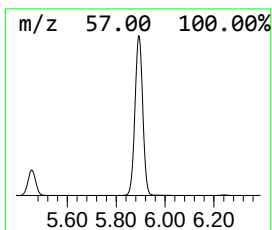
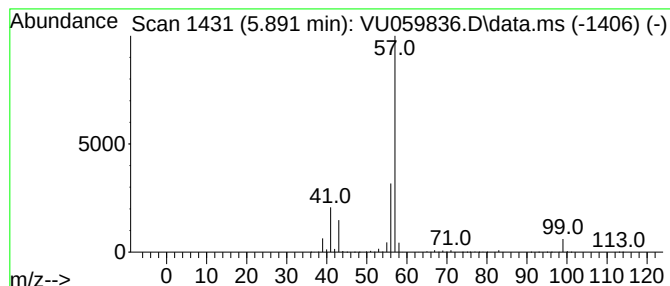
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.891	143.32 ug/L	11034400	1,4-Difluorobenzene	6.242

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	83
2			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	83
3			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	83
4			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	83
5			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059836.D
Acq On : 04 Jul 2024 08:16
Operator : MD/SY
Sample : P3109-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC1

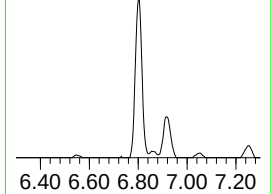
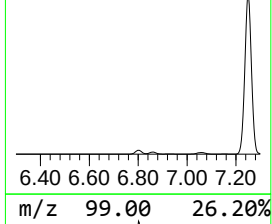
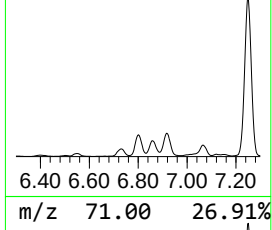
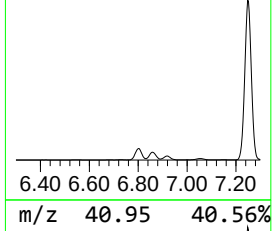
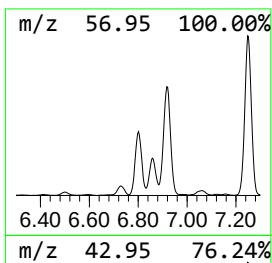
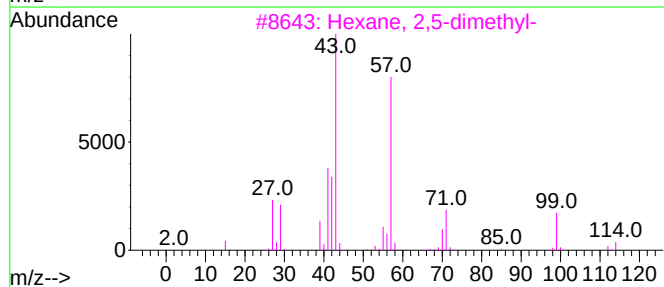
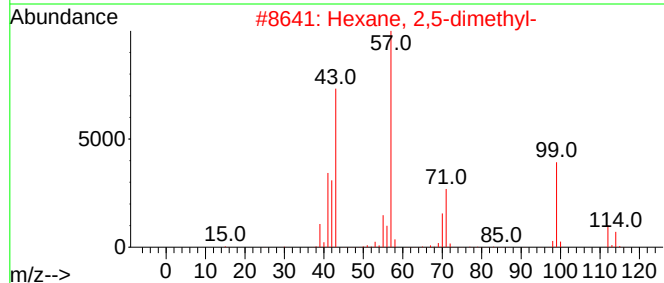
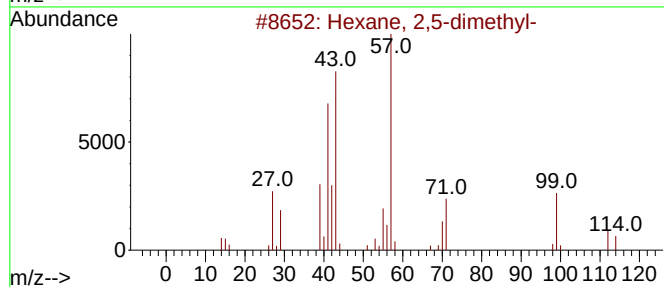
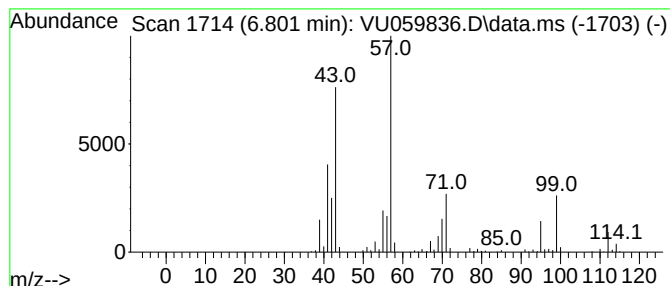
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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.
6.801	6.62 ug/L	509716	1,4-Difluorobenzene	6.242

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	87
2			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	83
3			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	80
4			Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	47
5			1-Pyrrolidinecarboxaldehyde	99	C5H9NO	003760-54-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059836.D
Acq On : 04 Jul 2024 08:16
Operator : MD/SY
Sample : P3109-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC1

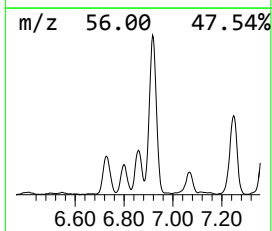
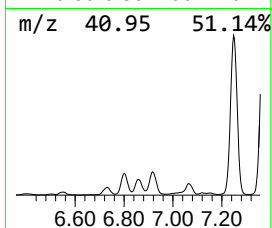
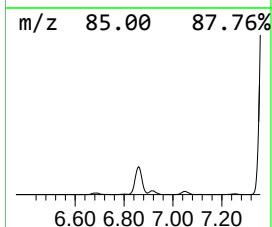
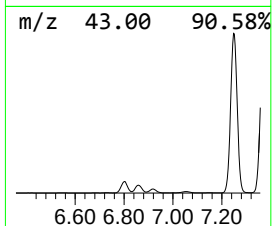
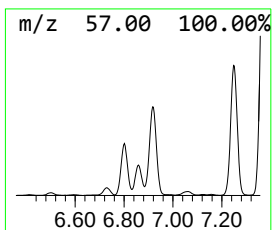
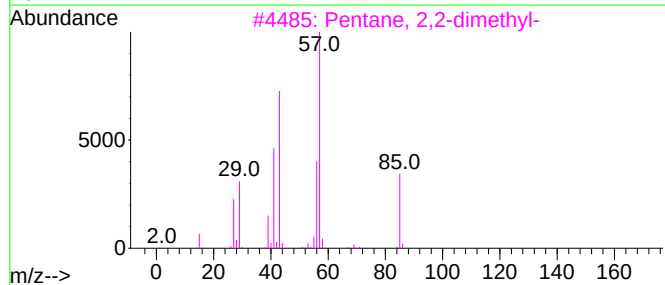
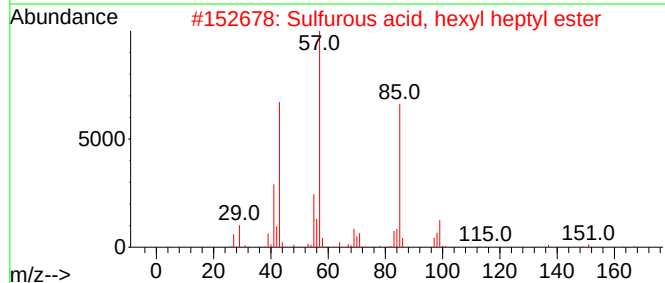
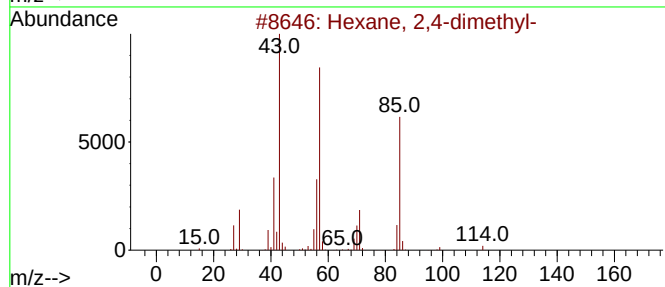
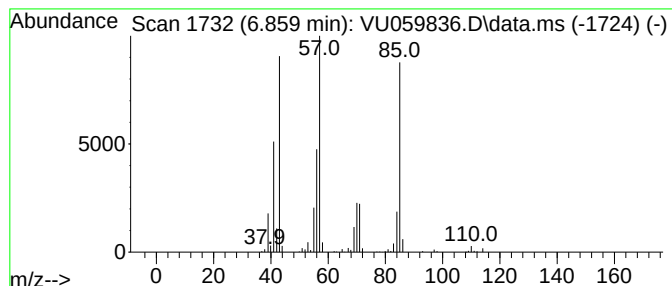
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.859	4.90 ug/L	377599	1,4-Difluorobenzene	6.242

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
2		Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	53
3		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	53
4		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50
5		Sulfurous acid, butyl isohexyl e...	222	C10H22O3S	1000309-17-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059836.D
Acq On : 04 Jul 2024 08:16
Operator : MD/SY
Sample : P3109-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC1

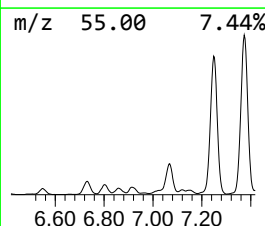
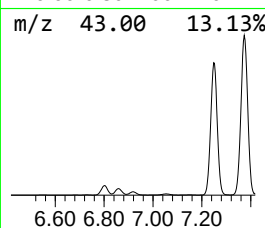
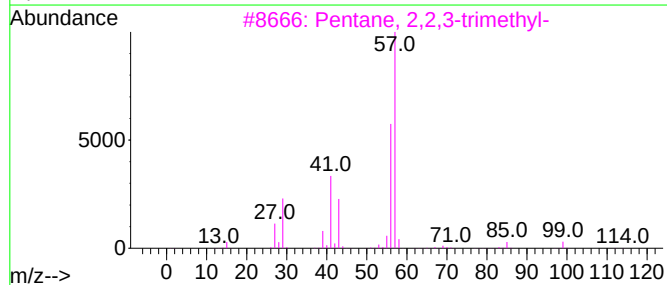
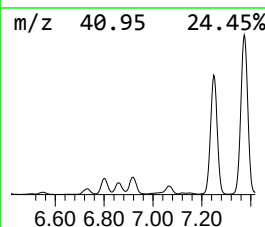
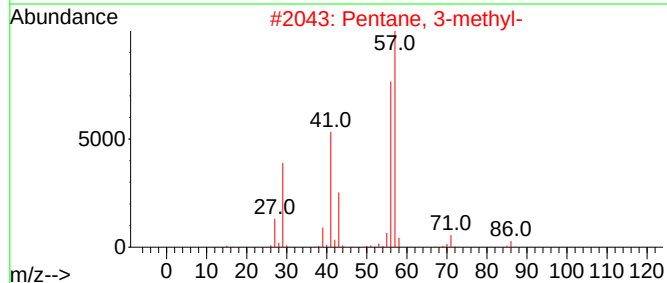
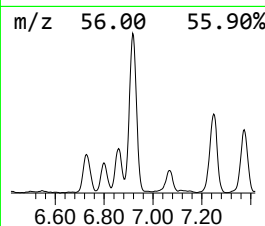
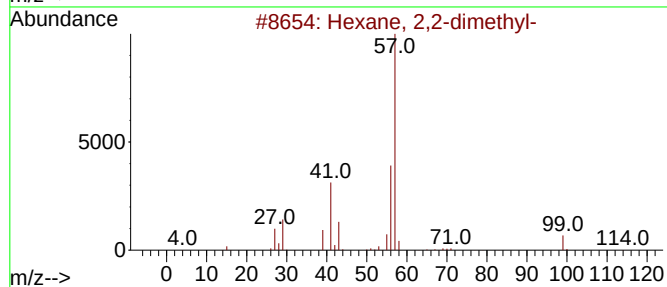
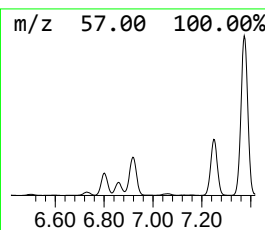
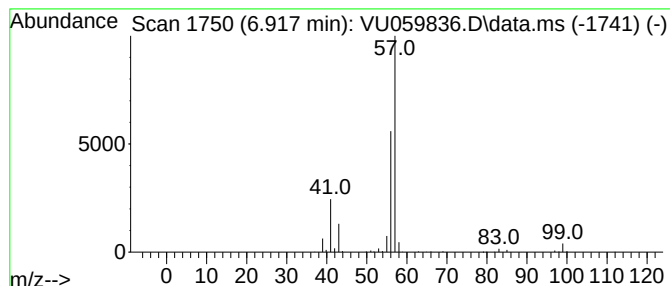
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.917	6.04 ug/L	464972	1,4-Difluorobenzene	6.242

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
2		Pentane, 3-methyl-	86	C6H14	000096-14-0	64
3		Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	64
4		Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	56
5		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059836.D
Acq On : 04 Jul 2024 08:16
Operator : MD/SY
Sample : P3109-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC1

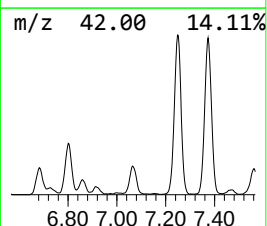
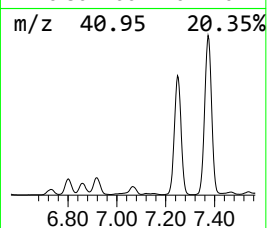
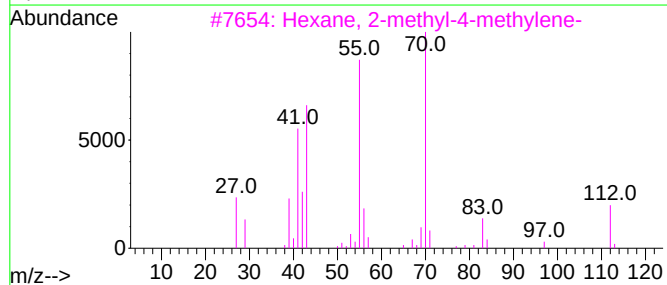
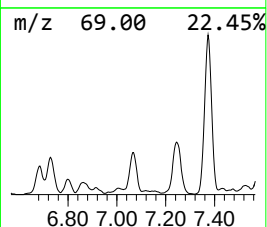
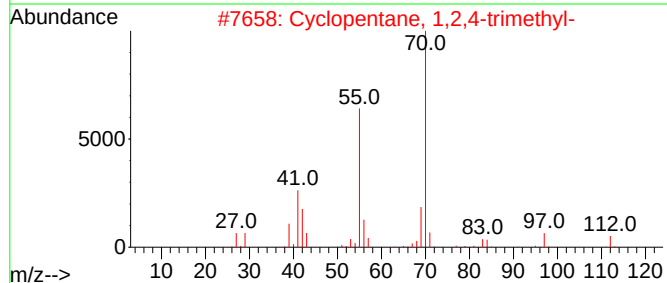
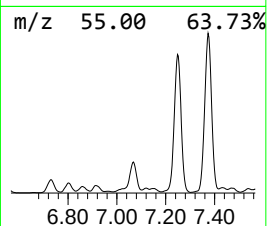
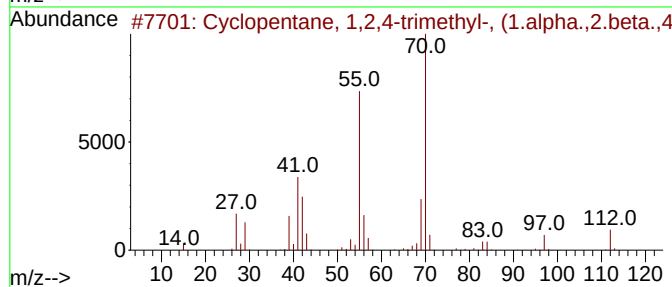
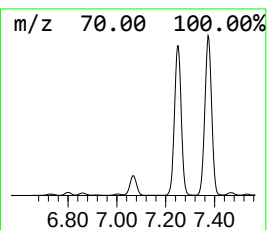
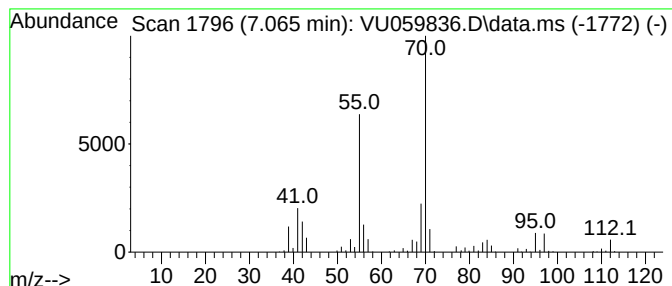
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 11 (DEL) Alkane: Cyclic7.065 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.065	5.54 ug/L	426438	1,4-Difluorobenzene	6.242

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	91
2			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	91
3			Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	86
4			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	83
5			Heptane, 3-methylene-	112	C8H16	001632-16-2	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059836.D
Acq On : 04 Jul 2024 08:16
Operator : MD/SY
Sample : P3109-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC1

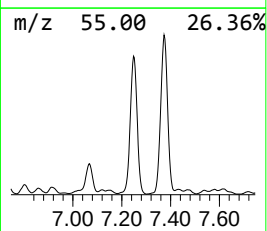
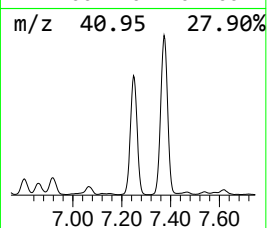
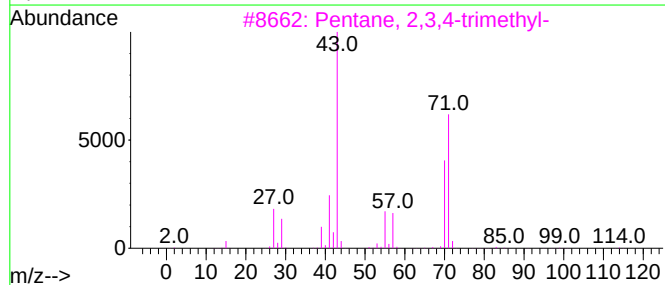
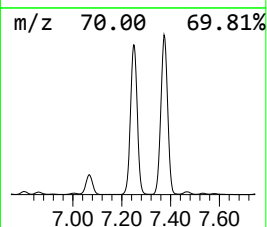
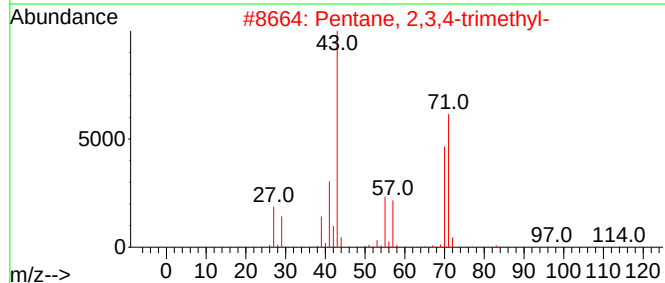
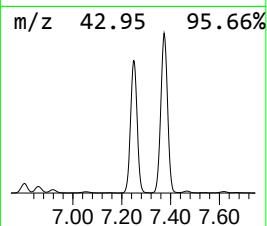
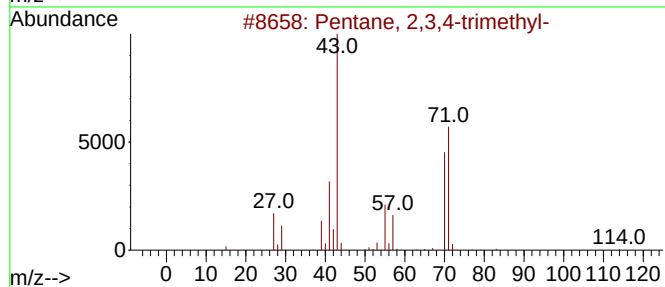
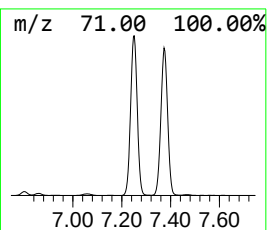
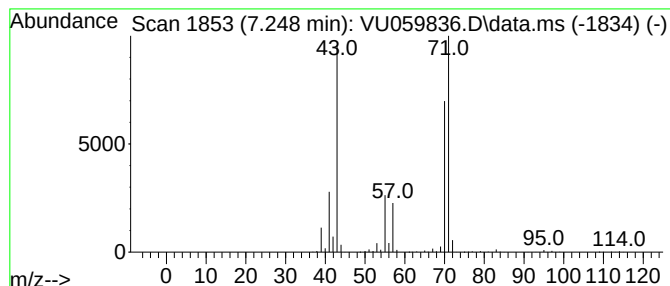
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.248	61.85 ug/L	4762050	1,4-Difluorobenzene	6.242

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
3			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	80
4			Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	78
5			Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059836.D
Acq On : 04 Jul 2024 08:16
Operator : MD/SY
Sample : P3109-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC1

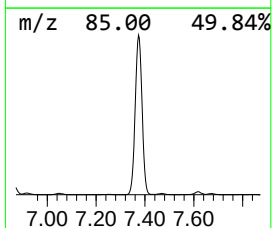
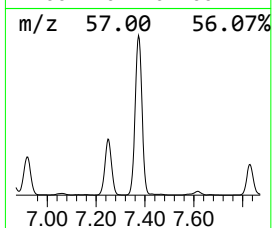
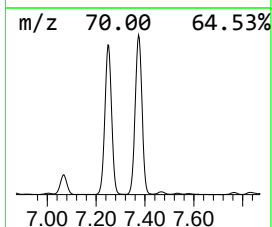
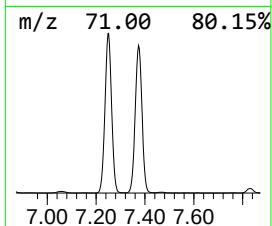
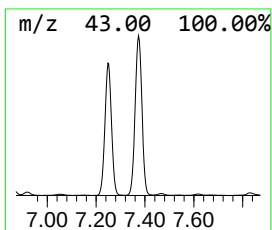
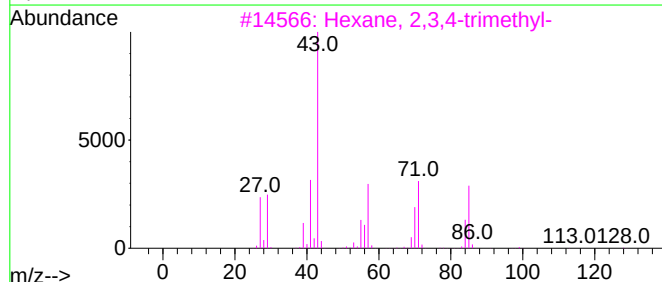
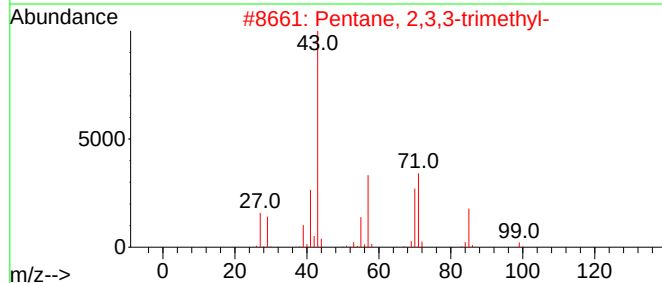
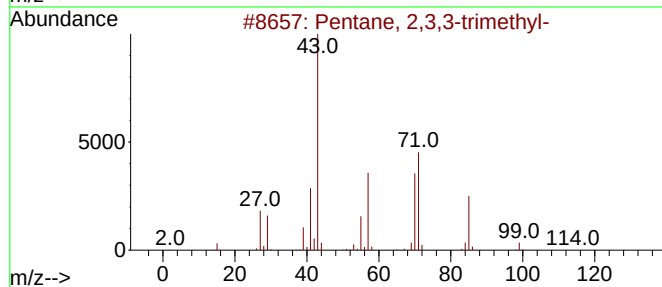
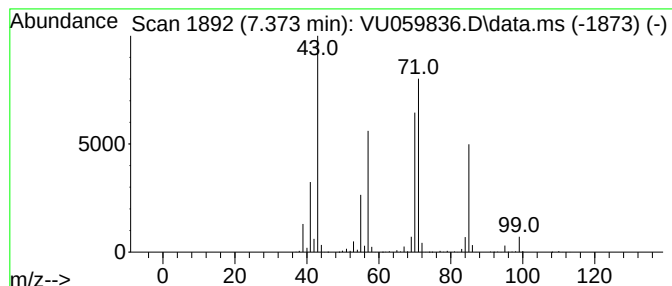
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.373	89.90 ug/L	6921190	1,4-Difluorobenzene	6.242

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
3		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	72
4		Heptane, 4-methyl-	114	C8H18	000589-53-7	59
5		Heptane, 4-methyl-	114	C8H18	000589-53-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059836.D
Acq On : 04 Jul 2024 08:16
Operator : MD/SY
Sample : P3109-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC1

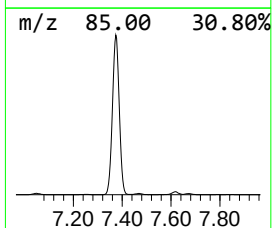
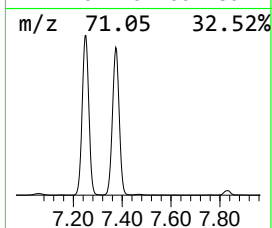
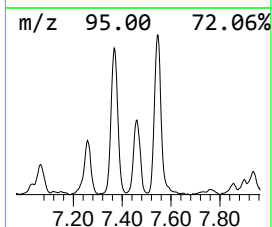
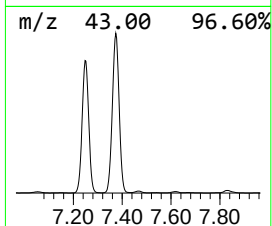
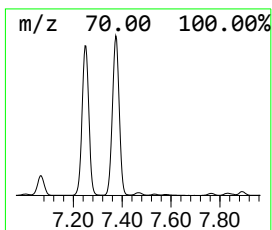
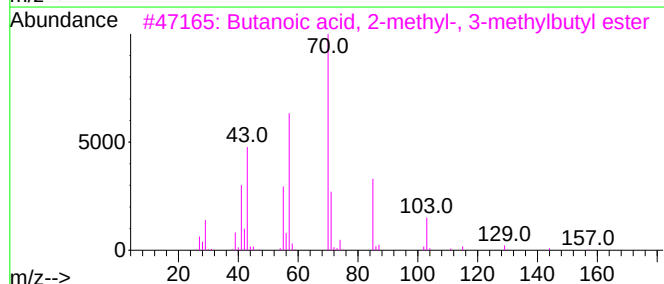
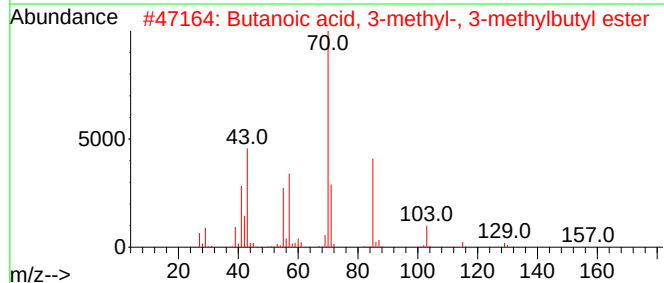
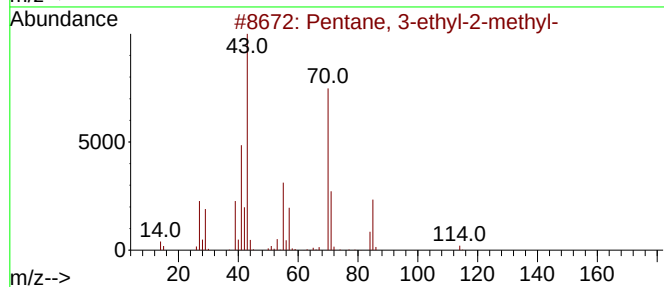
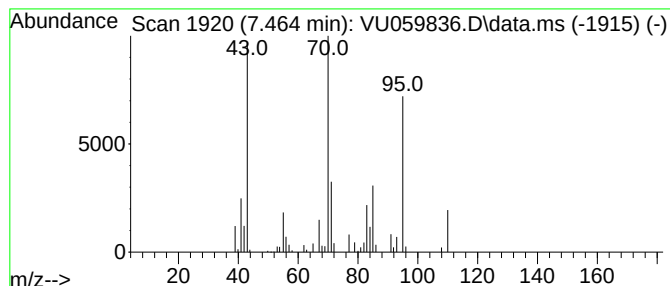
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.464	1.53 ug/L	117873	1,4-Difluorobenzene	6.242

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	43
2		Butanoic acid, 3-methyl-, 3-meth...	172	C10H20O2	000659-70-1	37
3		Butanoic acid, 2-methyl-, 3-meth...	172	C10H20O2	027625-35-0	37
4		Butanoic acid, 2-methyl-, 3-meth...	172	C10H20O2	027625-35-0	17
5		Diisoomyl ether	158	C10H22O	000544-01-4	12



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059836.D
Acq On : 04 Jul 2024 08:16
Operator : MD/SY
Sample : P3109-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC1

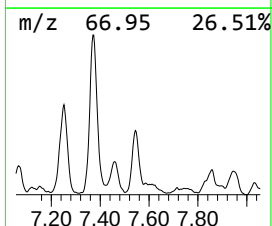
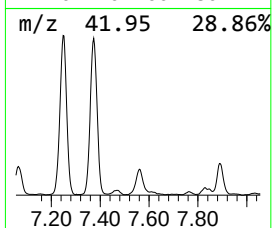
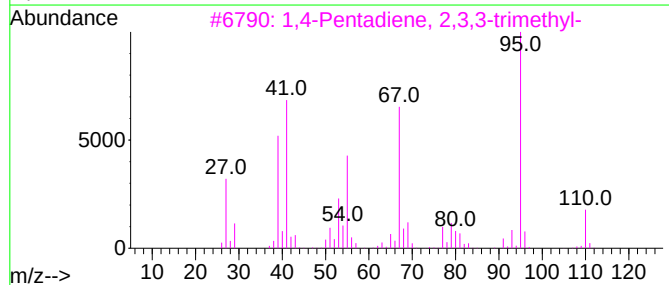
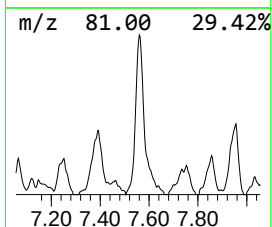
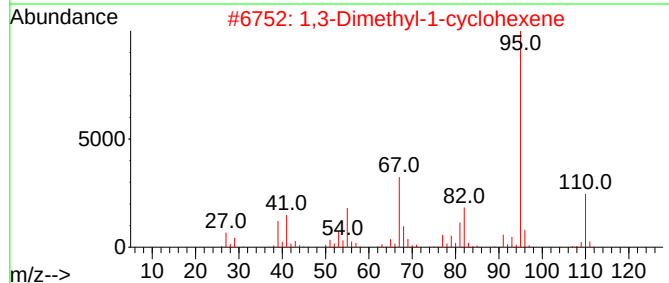
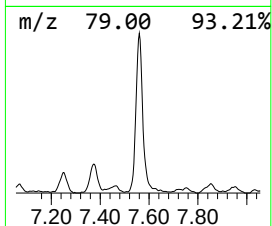
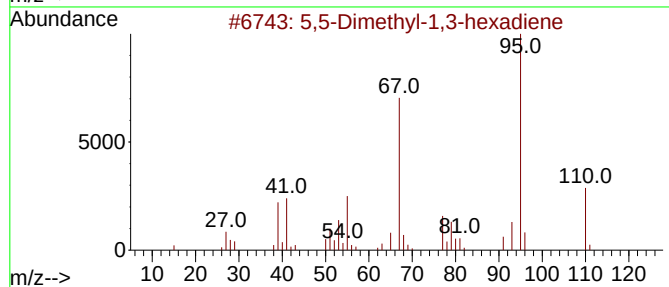
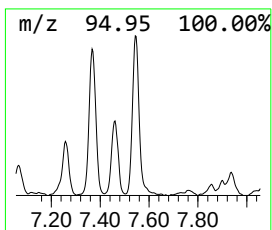
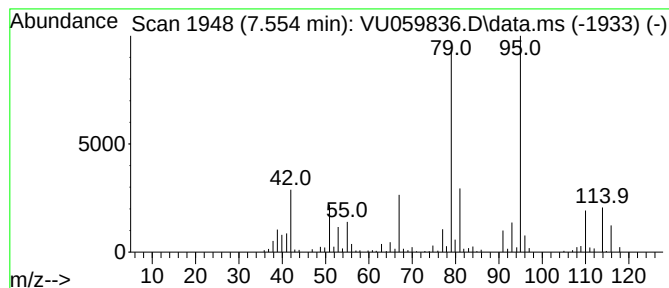
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 15 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.554	4.37 ug/L	336483	1,4-Difluorobenzene	6.242

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	38	
2	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	35	
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	35	
4	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	30	
5	2-Amino-4-methylbut-2-enenitrile	110	C6H10N2	1000197-39-9	30	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059836.D
Acq On : 04 Jul 2024 08:16
Operator : MD/SY
Sample : P3109-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC1

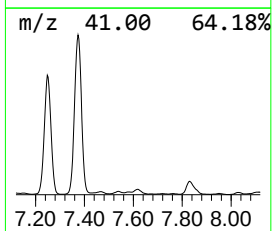
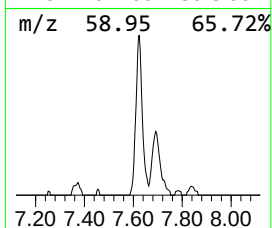
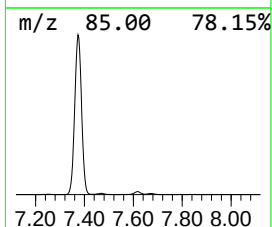
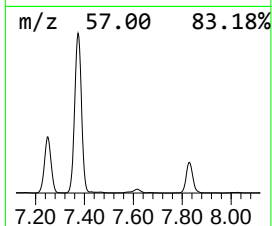
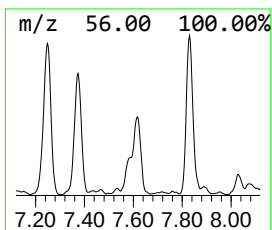
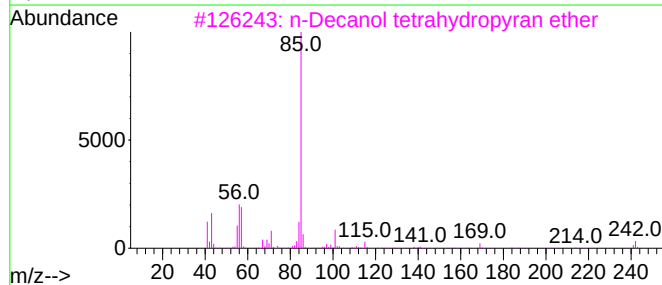
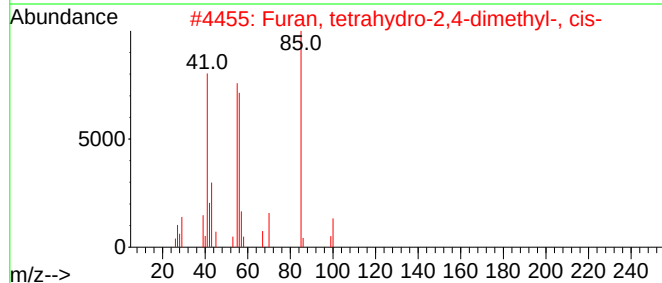
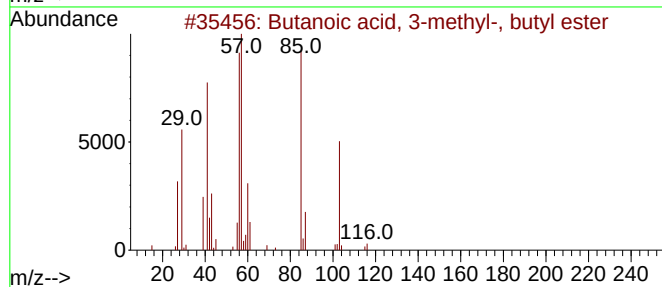
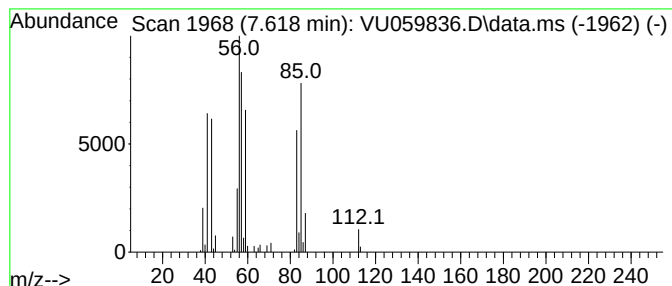
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 16 Butanoic acid, 3-methyl-, b... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.618	1.78 ug/L	137321	1,4-Difluorobenzene	6.242

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanoic acid, 3-methyl-, butyl ...	158	C9H18O2	000109-19-3	50
2			Furan, tetrahydro-2,4-dimethyl-,...	100	C6H12O	039168-01-9	43
3			n-Decanol tetrahydropyran ether	242	C15H30O2	110477-35-5	40
4			Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	40
5			2(3H)-Furanone, dihydro-5-methyl-	100	C5H8O2	000108-29-2	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059836.D
Acq On : 04 Jul 2024 08:16
Operator : MD/SY
Sample : P3109-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC1

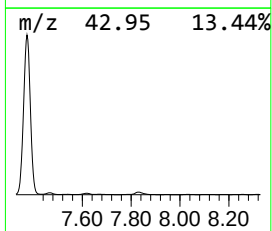
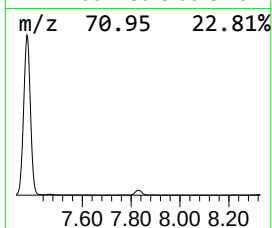
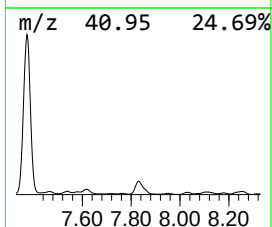
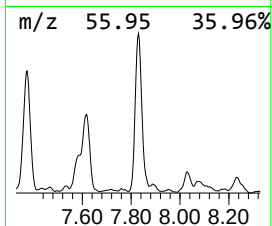
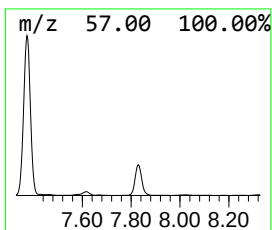
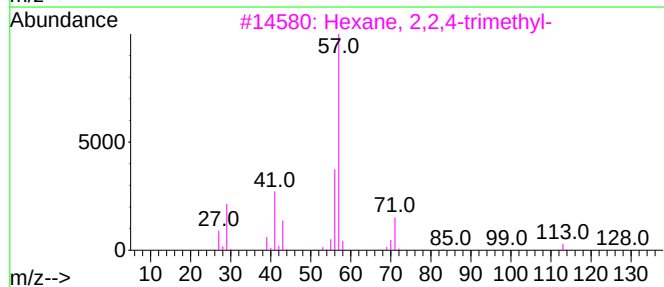
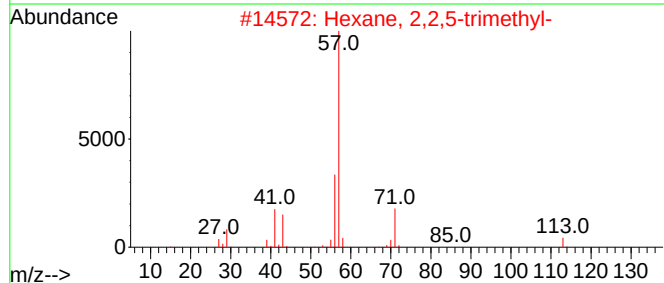
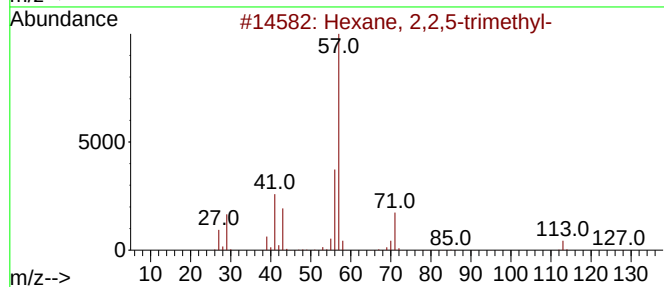
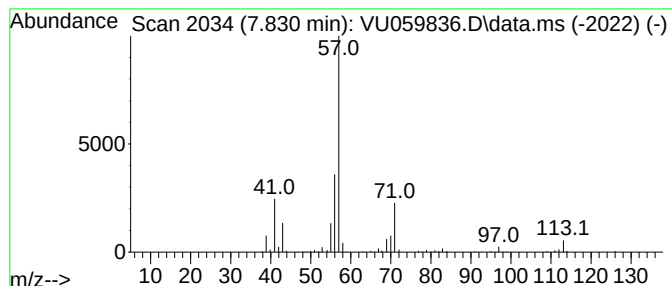
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.830	5.51 ug/L	507726	Chlorobenzene-d5	9.412

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	78
2			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	72
3			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64
4			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	59
5			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	56



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059836.D
Acq On : 04 Jul 2024 08:16
Operator : MD/SY
Sample : P3109-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC1

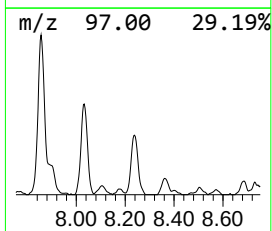
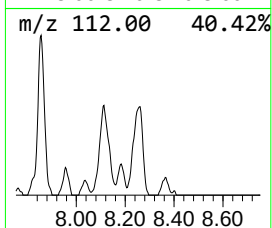
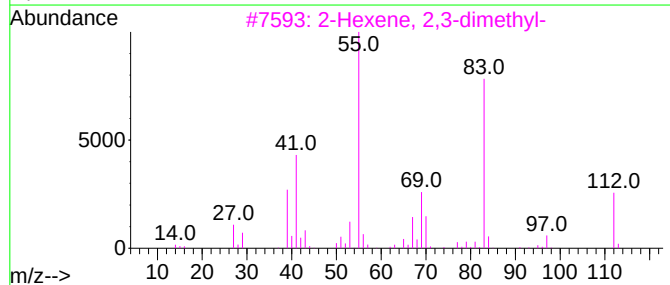
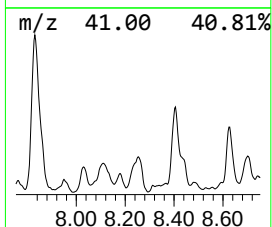
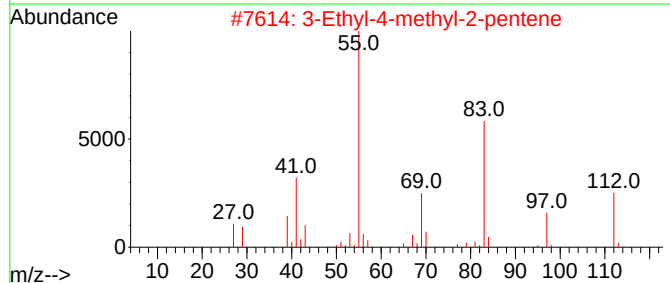
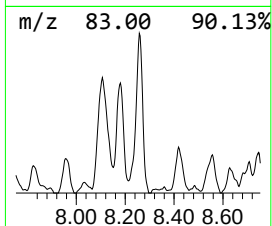
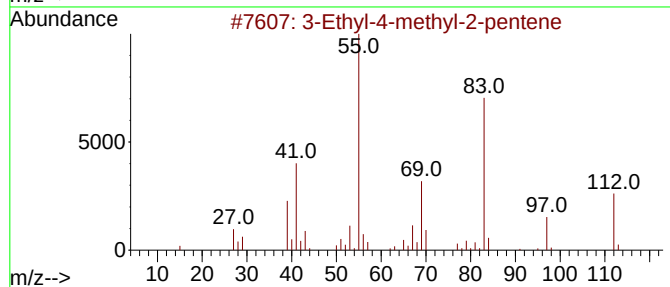
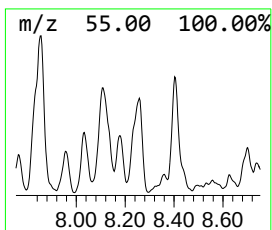
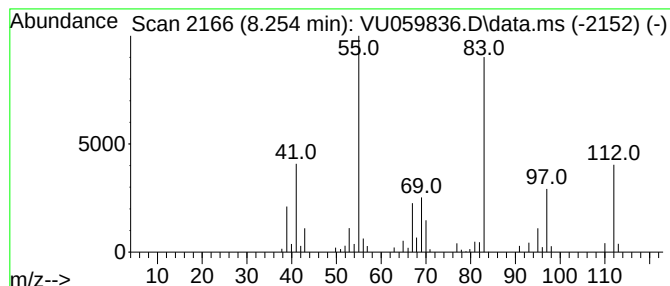
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.254	1.70 ug/L	157130	Chlorobenzene-d5	9.412

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Ethyl-4-methyl-2-pentene	112	C8H16	019780-68-8	83
2		3-Ethyl-4-methyl-2-pentene	112	C8H16	019780-68-8	80
3		2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	74
4		2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	72
5		2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059836.D
Acq On : 04 Jul 2024 08:16
Operator : MD/SY
Sample : P3109-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC1

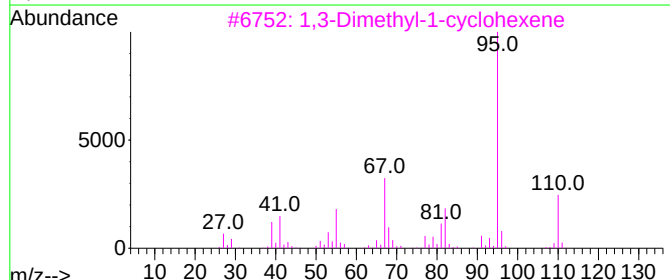
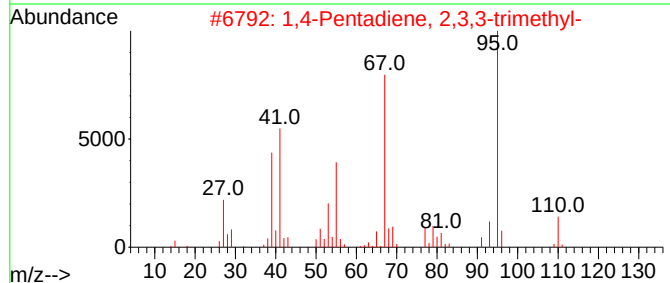
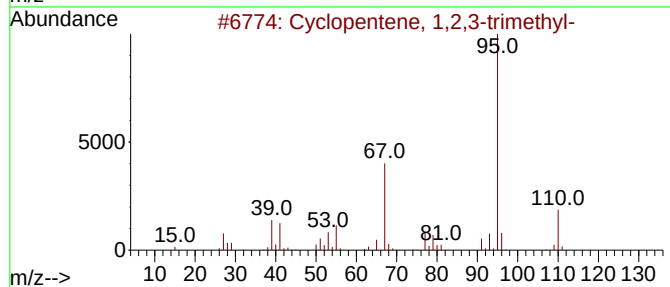
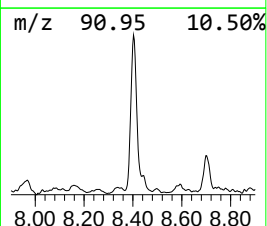
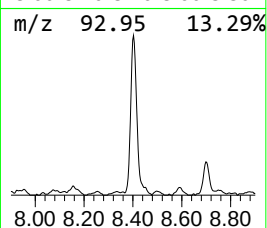
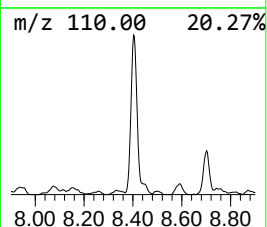
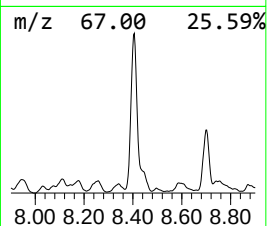
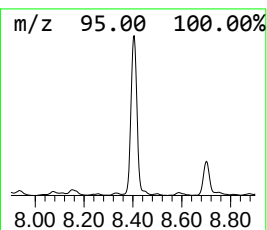
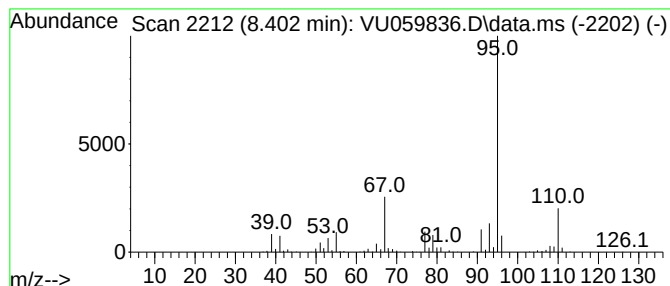
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 19 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.402	7.21 ug/L	664360	Chlorobenzene-d5	9.412

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	91
2			1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	86
3			1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	80
4			Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	72
5			1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059836.D
Acq On : 04 Jul 2024 08:16
Operator : MD/SY
Sample : P3109-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC1

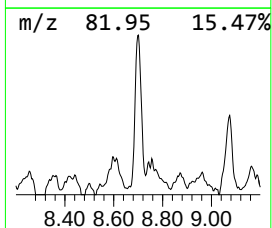
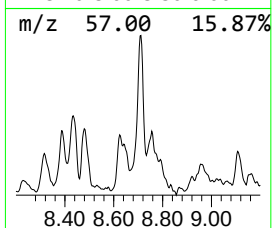
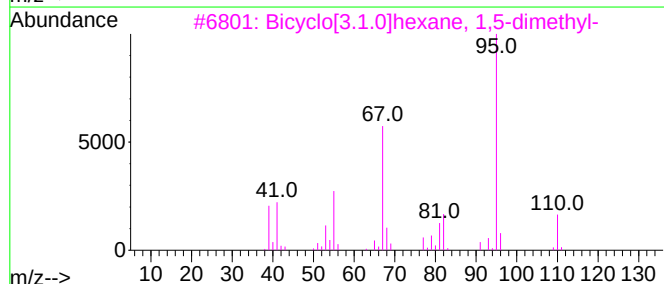
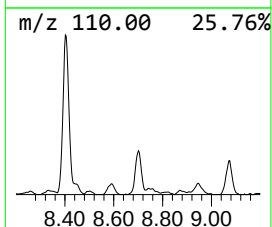
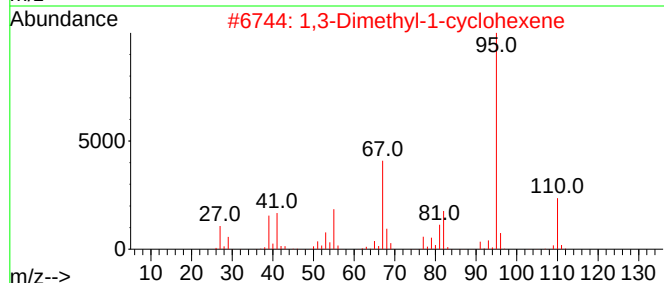
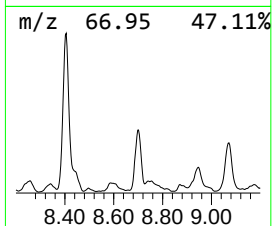
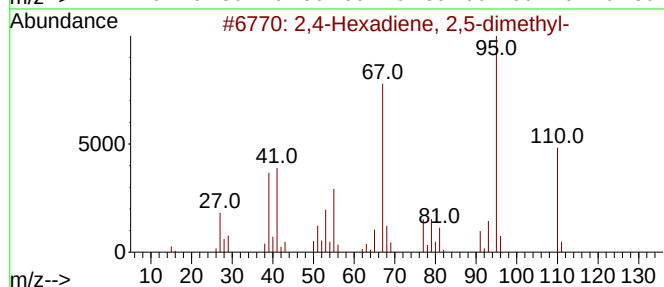
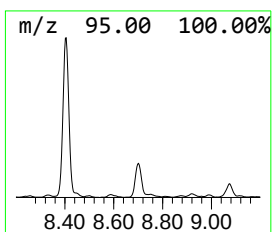
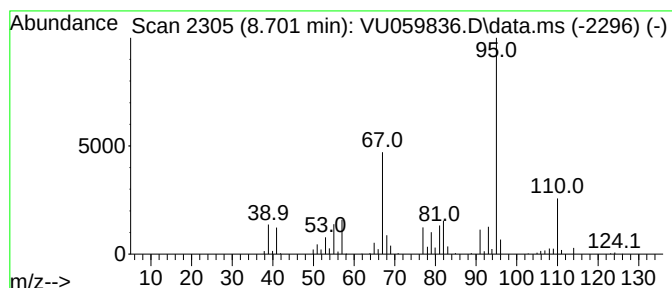
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 20 2,4-Hexadiene, 2,5-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.701	1.62 ug/L	149123	Chlorobenzene-d5	9.412

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	92
2			1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	90
3			Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	87
4			Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	83
5			Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059836.D
Acq On : 04 Jul 2024 08:16
Operator : MD/SY
Sample : P3109-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC1

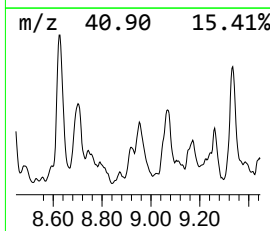
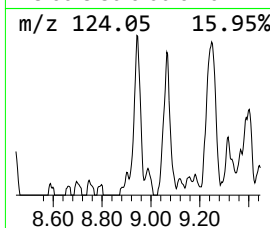
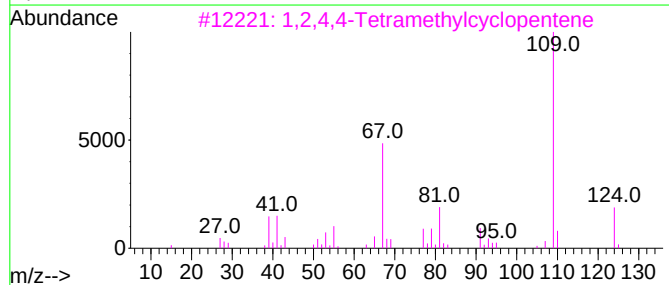
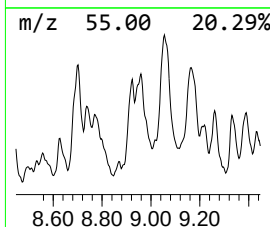
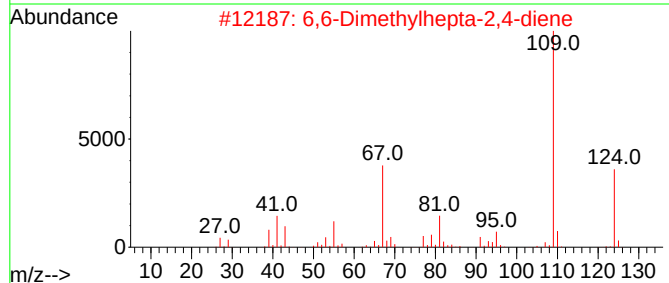
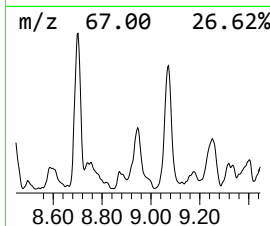
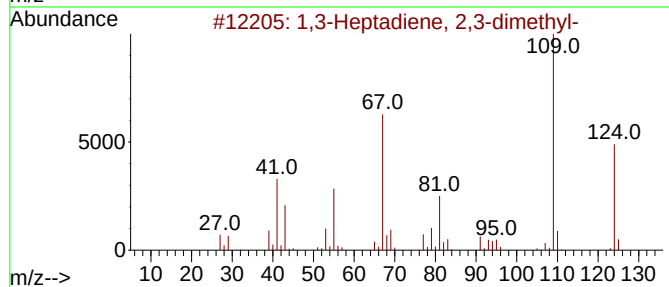
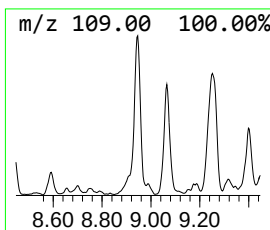
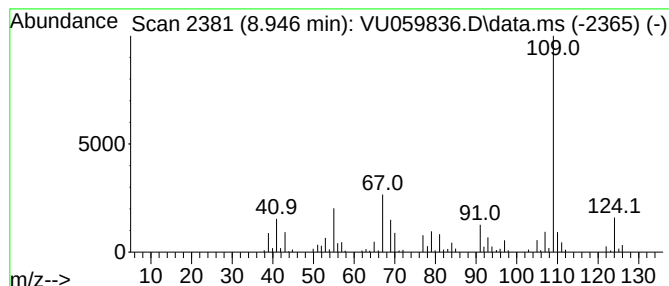
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 21 1,3-Heptadiene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.946	2.07 ug/L	190550	Chlorobenzene-d5	9.412

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Heptadiene, 2,3-dimethyl-	124	C9H16	074779-65-0	72		
2	6,6-Dimethylhepta-2,4-diene	124	C9H16	1000195-03-3	72		
3	1,2,4,4-Tetramethylcyclopentene	124	C9H16	065378-76-9	68		
4	2,5-Dimethylhex-5-en-3-yn-2-ol	124	C8H12O	1000302-74-9	58		
5	2,4-Heptadiene, 2,6-dimethyl-	124	C9H16	004634-87-1	56		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059836.D
Acq On : 04 Jul 2024 08:16
Operator : MD/SY
Sample : P3109-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC1

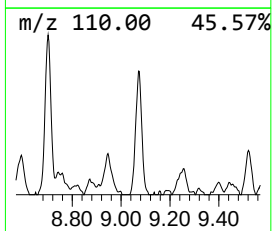
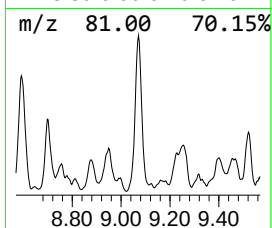
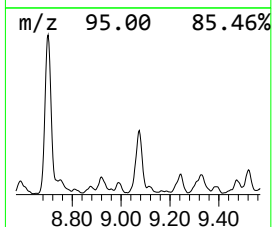
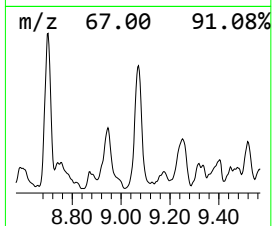
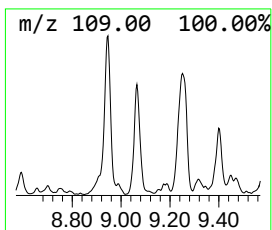
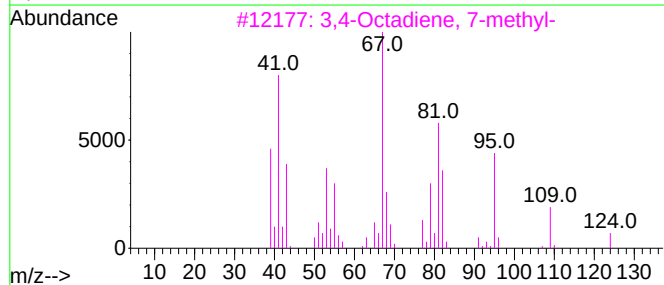
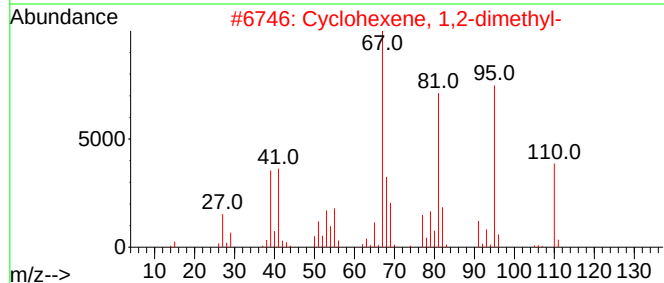
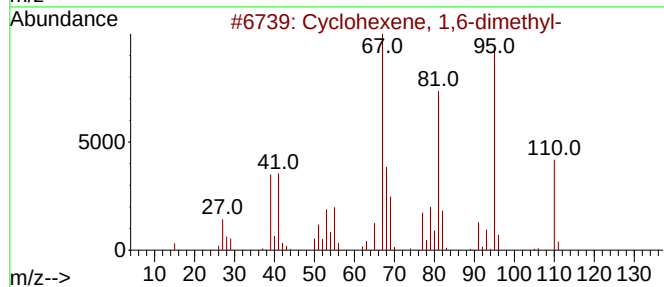
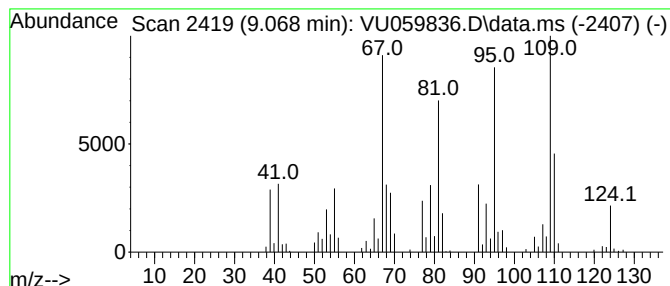
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 22 Cyclohexene, 1,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.068	2.17 ug/L	200320	Chlorobenzene-d5	9.412

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 1,6-dimethyl-	110	C8H14	001759-64-4	90
2			Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	90
3			3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	60
4			1,4-Heptadiene, 3-methyl-	110	C8H14	001603-01-6	53
5			2,4-Hexadiene, 2,3-dimethyl-	110	C8H14	005678-98-8	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059836.D
Acq On : 04 Jul 2024 08:16
Operator : MD/SY
Sample : P3109-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC1

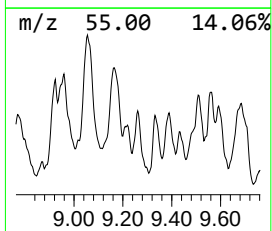
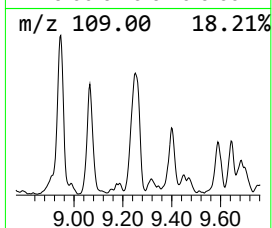
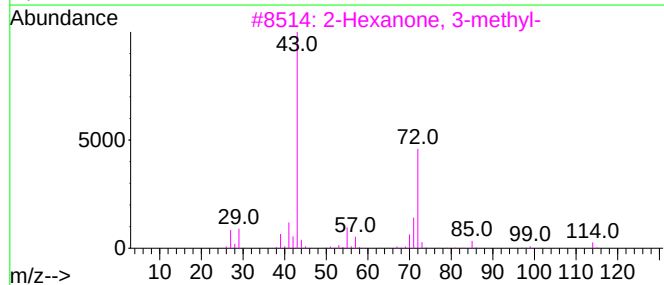
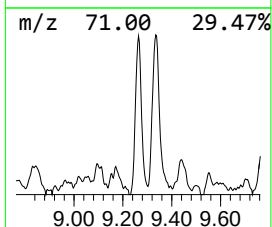
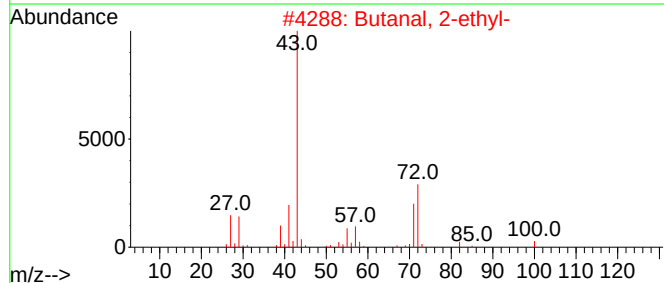
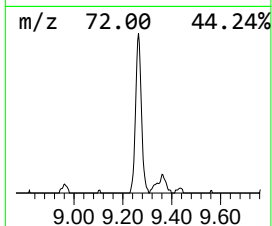
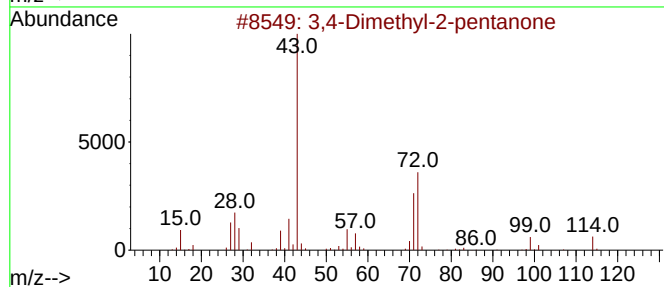
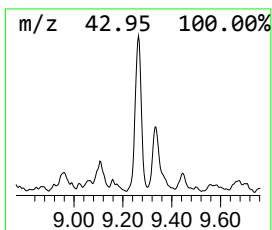
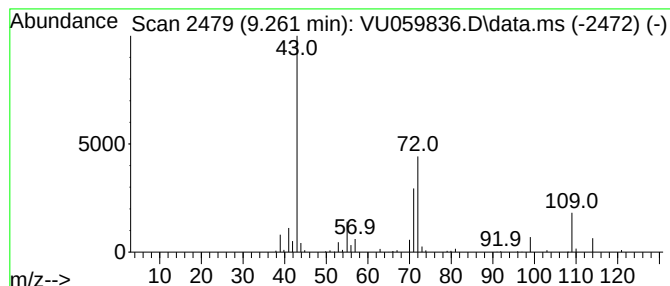
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 23 3,4-Dimethyl-2-pentanone Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.261	1.25 ug/L	115198	Chlorobenzene-d5	9.412

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4-Dimethyl-2-pentanone	114	C7H14O	1000202-23-1	80
2			Butanal, 2-ethyl-	100	C6H12O	000097-96-1	53
3			2-Hexanone, 3-methyl-	114	C7H14O	002550-21-2	53
4			Butanal, 2-ethyl-	100	C6H12O	000097-96-1	53
5			Butanal, 2-ethyl-	100	C6H12O	000097-96-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059836.D
Acq On : 04 Jul 2024 08:16
Operator : MD/SY
Sample : P3109-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC1

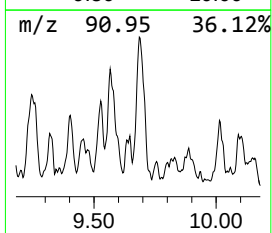
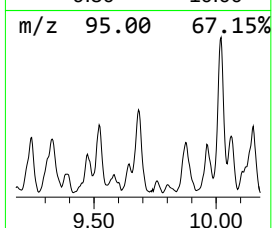
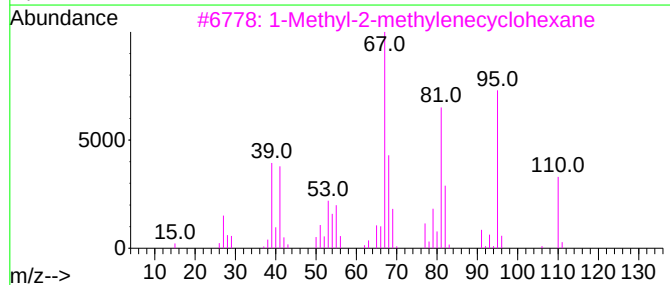
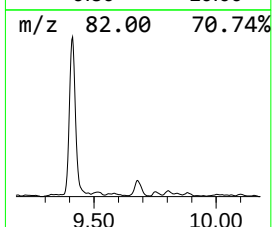
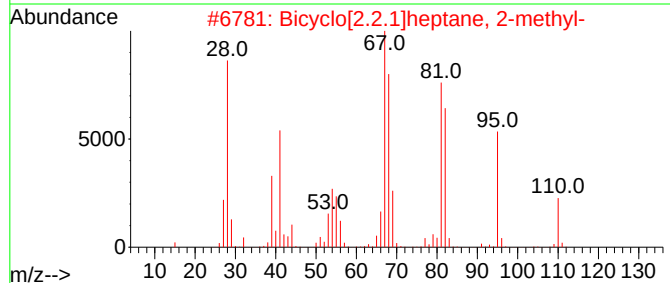
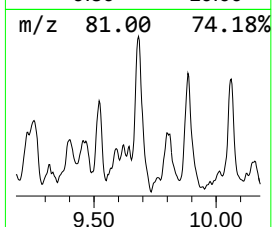
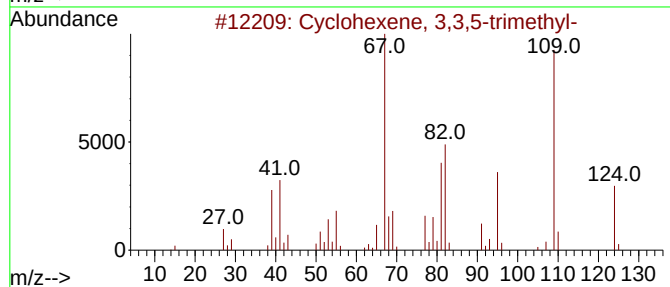
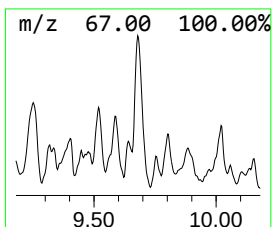
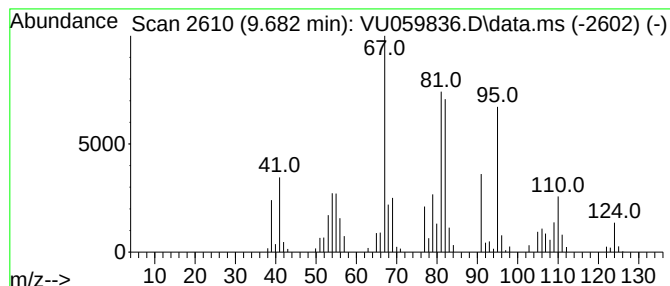
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 24 Cyclohexene, 3,3,5-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.682	1.89 ug/L	174220	Chlorobenzene-d5	9.412

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	90
2			Bicyclo[2.2.1]heptane, 2-methyl-	110	C8H14	015185-11-2	81
3			1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	72
4			Bicyclo[3.2.1]octane	110	C8H14	006221-55-2	58
5			1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059836.D
Acq On : 04 Jul 2024 08:16
Operator : MD/SY
Sample : P3109-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC1

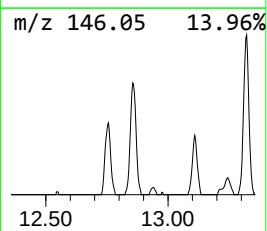
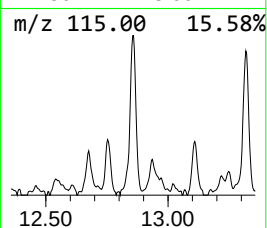
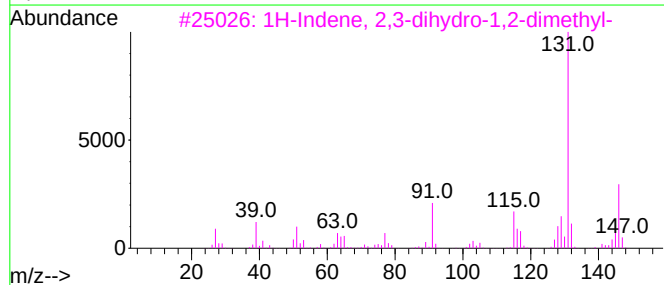
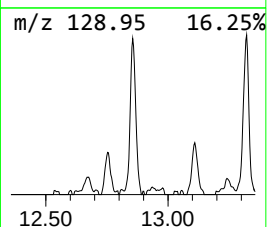
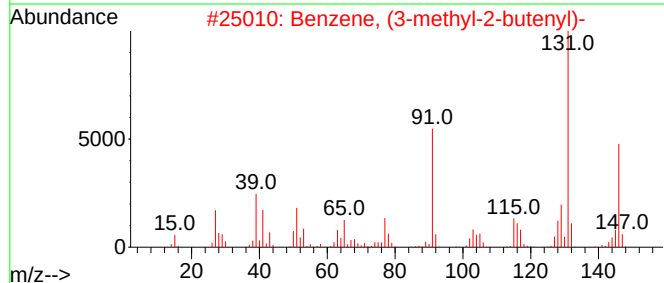
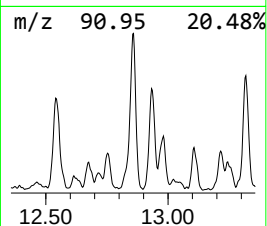
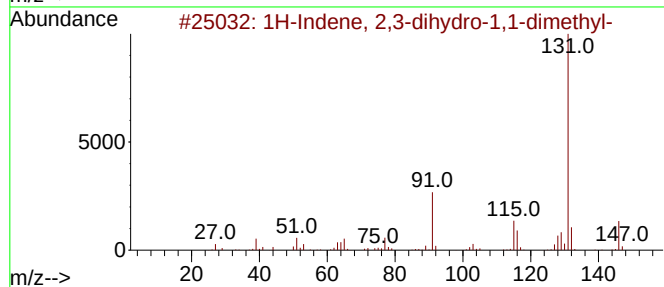
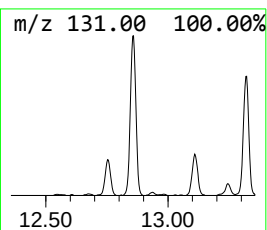
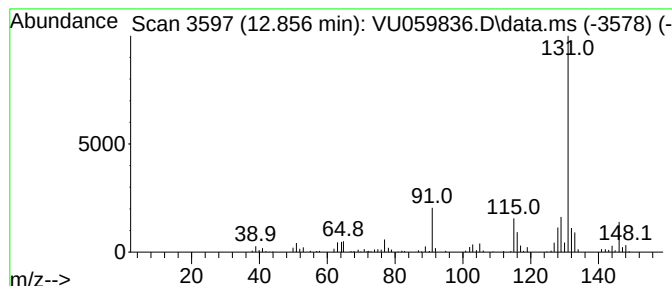
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 25 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.856	2.10 ug/L	202223	1,4-Dichlorobenzene-d4	11.807

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14		004912-92-9	94
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14		004489-84-3	90
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14		017057-82-8	90
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14		020836-11-7	90
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14		017059-48-2	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059836.D
Acq On : 04 Jul 2024 08:16
Operator : MD/SY
Sample : P3109-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC1

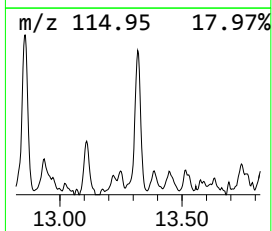
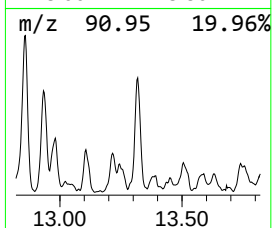
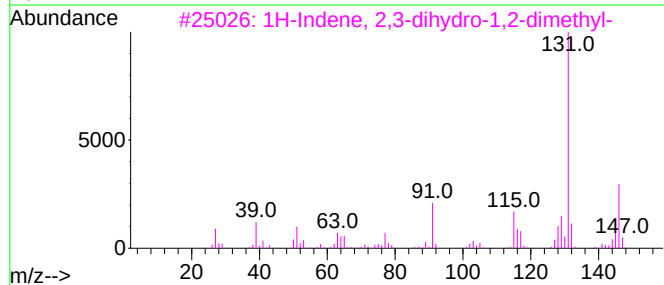
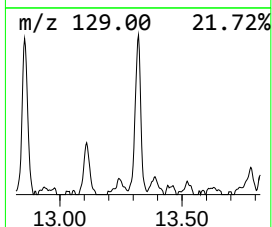
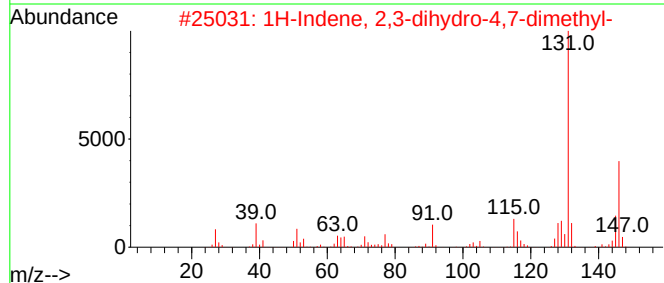
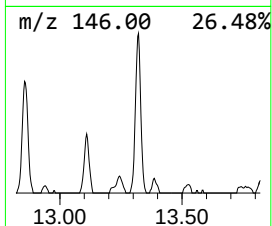
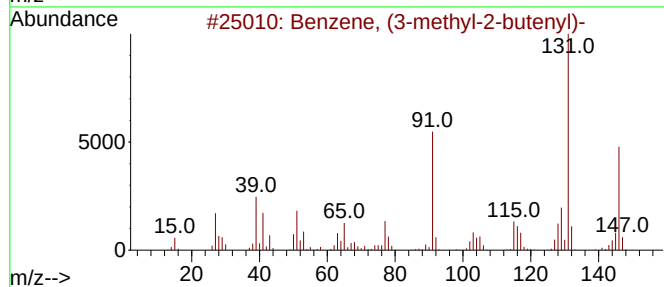
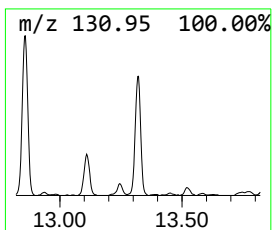
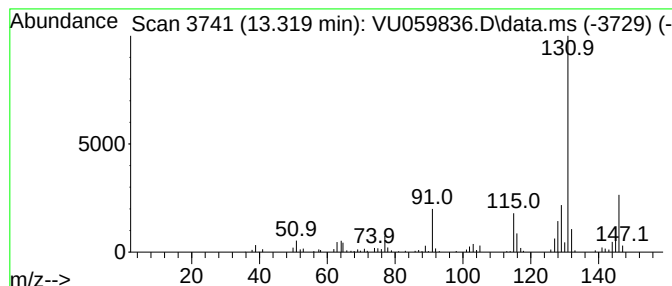
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 26 Benzene, (3-methyl-2-butenyl)- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.319	1.39 ug/L	133914	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
2			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
4			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5			1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
Data File : VU059836.D
Acq On : 04 Jul 2024 08:16
Operator : MD/SY
Sample : P3109-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0HC1

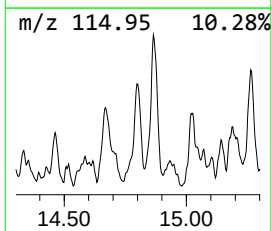
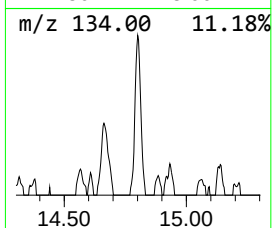
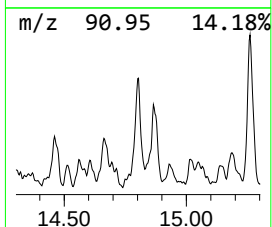
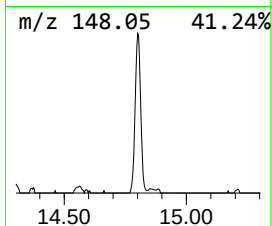
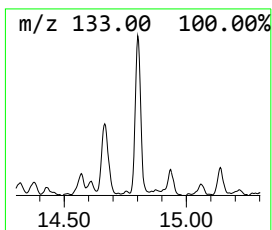
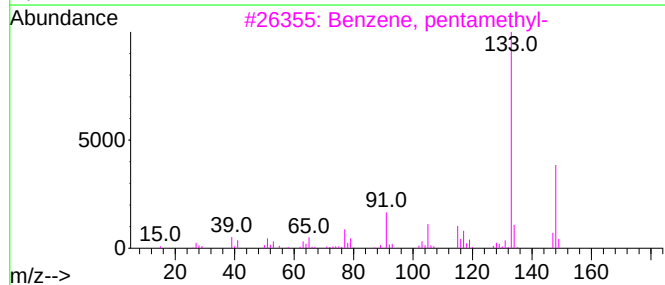
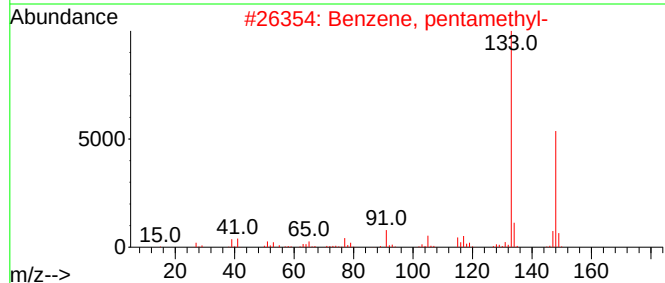
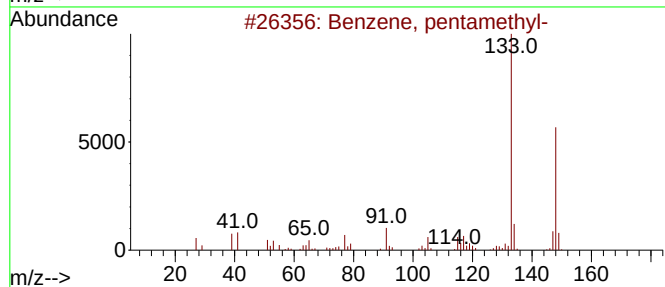
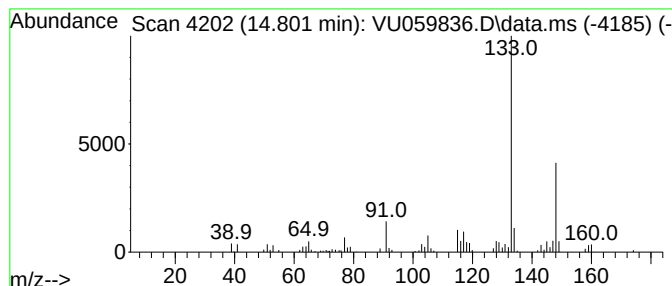
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 27 Benzene, pentamethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.801	1.21 ug/L	116255	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, pentamethyl-	148	C11H16	000700-12-9	90
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	90
3			Benzene, pentamethyl-	148	C11H16	000700-12-9	90
4			3,4-Dimethylcumene	148	C11H16	1000370-34-1	83
5			Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059836.D
 Acq On : 04 Jul 2024 08:16
 Operator : MD/SY
 Sample : P3109-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0HC1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.991	1.7	ug/L	132155	1	6.242	384954	5.0
(DEL) Alkane: S...	3.036	59.7	ug/L	4595820	1	6.242	384954	5.0
(DEL) Alkane: S...	4.290	1.5	ug/L	118878	1	6.242	384954	5.0
(DEL) Alkane: S...	4.425	59.2	ug/L	4559800	1	6.242	384954	5.0
(DEL) Alkane: S...	5.123	4.3	ug/L	330961	1	6.242	384954	5.0
(DEL) Alkane: S...	5.454	69.7	ug/L	5363920	1	6.242	384954	5.0
(DEL) Alkane: S...	5.891	143.3	ug/L	11034400	1	6.242	384954	5.0
(DEL) Alkane: S...	6.801	6.6	ug/L	509716	1	6.242	384954	5.0
(DEL) Alkane: S...	6.859	4.9	ug/L	377599	1	6.242	384954	5.0
(DEL) Alkane: S...	6.917	6.0	ug/L	464972	1	6.242	384954	5.0
(DEL) Alkane: C...	7.065	5.5	ug/L	426438	1	6.242	384954	5.0
(DEL) Alkane: S...	7.248	61.9	ug/L	4762050	1	6.242	384954	5.0
(DEL) Alkane: S...	7.373	89.9	ug/L	6921190	1	6.242	384954	5.0
(DEL) Alkane: S...	7.464	1.5	ug/L	117873	1	6.242	384954	5.0
unknown-01	7.554	4.4	ug/L	336483	1	6.242	384954	5.0
Butanoic acid, ...	7.618	1.8	ug/L	137321	1	6.242	384954	5.0
(DEL) Alkane: S...	7.830	5.5	ug/L	507726	2	9.412	461026	5.0
(DEL) Alkane: S...	8.254	1.7	ug/L	157130	2	9.412	461026	5.0
Cyclopentene, 1...	8.402	7.2	ug/L	664360	2	9.412	461026	5.0
2,4-Hexadiene, ...	8.701	1.6	ug/L	149123	2	9.412	461026	5.0
1,3-Heptadiene,...	8.946	2.1	ug/L	190550	2	9.412	461026	5.0
Cyclohexene, 1,...	9.068	2.2	ug/L	200320	2	9.412	461026	5.0
3,4-Dimethyl-2-...	9.261	1.3	ug/L	115198	2	9.412	461026	5.0
Cyclohexene, 3,...	9.682	1.9	ug/L	174220	2	9.412	461026	5.0
1H-Indene, 2,3-...	12.856	2.1	ug/L	202223	3	11.807	480656	5.0
Benzene, (3-met...	13.319	1.4	ug/L	133914	3	11.807	480656	5.0
Benzene, pentam...	14.801	1.2	ug/L	116255	3	11.807	480656	5.0