

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
 Data File : VU052517.D
 Acq On : 23 Dec 2022 01:36
 Operator : JC/MD
 Sample : N6169-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQA2

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\SFAMUTR122022WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU052517.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.359	3	6	26	rVB	1201170	1085848	70.52%	7.403%
2	1.491	40	47	55	rBV	88861	94172	6.12%	0.642%
3	1.591	69	78	94	rBV3	517288	884603	57.45%	6.031%
4	1.732	115	122	138	rVB	70689	88021	5.72%	0.600%
5	1.912	169	178	191	rVB2	107539	156563	10.17%	1.067%
6	1.996	195	204	217	rVB	79610	107522	6.98%	0.733%
7	2.157	244	254	262	rBV	124748	174596	11.34%	1.190%
8	2.212	262	271	289	rVB2	124532	253379	16.46%	1.727%
9	2.321	294	305	315	rBV	14258	22788	1.48%	0.155%
10	2.417	323	335	344	rBV	42847	72014	4.68%	0.491%
11	2.469	344	351	364	rVB3	17559	29070	1.89%	0.198%
12	2.568	369	382	396	rBV	160457	266309	17.30%	1.816%
13	2.642	396	405	427	rVB3	8959	25351	1.65%	0.173%
14	2.797	440	453	463	rBV	12288	20711	1.35%	0.141%
15	2.980	494	510	520	rBV7	16894	48660	3.16%	0.332%
16	3.044	524	530	536	rVV	10550	15597	1.01%	0.106%
17	3.138	553	559	578	rVB4	8679	16675	1.08%	0.114%
18	3.353	609	626	645	rBV	250569	508115	33.00%	3.464%
19	3.584	681	698	718	rVB4	44354	113391	7.36%	0.773%
20	3.700	719	734	752	rVB3	23675	52762	3.43%	0.360%
21	3.832	762	775	785	rBV6	7298	16962	1.10%	0.116%
22	4.189	871	886	903	rBV7	10829	28977	1.88%	0.198%
23	4.662	1005	1033	1070	rBV2	493457	1539762	100.00%	10.497%
24	5.060	1141	1157	1175	rBV	144859	323818	21.03%	2.208%
25	5.369	1242	1253	1267	rBV6	8205	20704	1.34%	0.141%
26	5.449	1267	1278	1297	rVB9	7359	22475	1.46%	0.153%
27	5.588	1310	1321	1336	rBV4	10041	21887	1.42%	0.149%
28	5.723	1342	1363	1392	rBV2	306657	851145	55.28%	5.803%
29	5.970	1431	1440	1448	rBV4	7469	15630	1.02%	0.107%
30	6.025	1449	1457	1475	rVB7	12346	29560	1.92%	0.202%
31	6.134	1479	1491	1501	rBV6	12444	25490	1.66%	0.174%
32	6.247	1512	1526	1554	rBV	245058	496817	32.27%	3.387%
33	6.539	1603	1617	1634	rBV	235410	454191	29.50%	3.096%
34	6.687	1649	1663	1678	rBV	198424	391398	25.42%	2.668%
35	6.758	1678	1685	1699	rVB4	11988	25225	1.64%	0.172%
36	7.562	1921	1935	1950	rBV	95135	169187	10.99%	1.153%

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Stop Thrs : 0

Peak Location: TOP

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

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Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Title : TRACE VOA SFAM1.0

37	7.896	2016	2039	2053	rBV	358103	628887	40.84%	4.287%
38	7.967	2053	2061	2070	rVB2	17789	29249	1.90%	0.199%
39	8.176	2116	2126	2146	rBV2	58044	102031	6.63%	0.696%
40	8.549	2229	2242	2256	rBV	806823	1340822	87.08%	9.141%
41	8.632	2256	2268	2302	rVV	705227	1327459	86.21%	9.050%
42	8.787	2308	2316	2332	rVB10	8341	18252	1.19%	0.124%
43	9.414	2496	2511	2530	rBV	340590	576643	37.45%	3.931%
44	9.690	2585	2597	2608	rBV	28293	47170	3.06%	0.322%
45	10.099	2713	2724	2734	rBV2	23019	37949	2.46%	0.259%
46	10.751	2913	2927	2940	rBV	185039	298319	19.37%	2.034%
47	11.465	3141	3149	3163	rVB	19225	29145	1.89%	0.199%
48	11.809	3241	3256	3275	rBV	347093	556512	36.14%	3.794%
49	12.189	3362	3374	3393	rBV	359216	588569	38.22%	4.013%
50	12.568	3478	3492	3500	rBV2	9368	16928	1.10%	0.115%
51	12.883	3580	3590	3603	rVB9	9212	16011	1.04%	0.109%
52	13.449	3757	3766	3779	rVB4	9013	15562	1.01%	0.106%
53	15.221	4306	4317	4331	rBV2	27537	43793	2.84%	0.299%
54	15.407	4362	4375	4387	rBV3	17154	29736	1.93%	0.203%
55	16.143	4596	4604	4611	rBV2	15605	24103	1.57%	0.164%
56	16.256	4628	4639	4658	rBV3	51279	93686	6.08%	0.639%
57	16.404	4676	4685	4692	rBV2	54344	89666	5.82%	0.611%
58	16.442	4692	4697	4714	rVB2	34019	53306	3.46%	0.363%
59	16.635	4741	4757	4773	rBV2	20027	45362	2.95%	0.309%
60	16.783	4794	4803	4812	rVB3	10604	16080	1.04%	0.110%
61	16.973	4846	4862	4873	rBV3	9240	20618	1.34%	0.141%
62	17.114	4898	4906	4919	rBV3	18762	33191	2.16%	0.226%
63	17.323	4964	4971	4979	rVB2	18209	24876	1.62%	0.170%
64	17.372	4980	4986	4998	rVB4	19170	32951	2.14%	0.225%
65	17.536	5030	5037	5047	rVB3	20152	33548	2.18%	0.229%
66	17.603	5050	5058	5071	rVB2	15180	28406	1.84%	0.194%

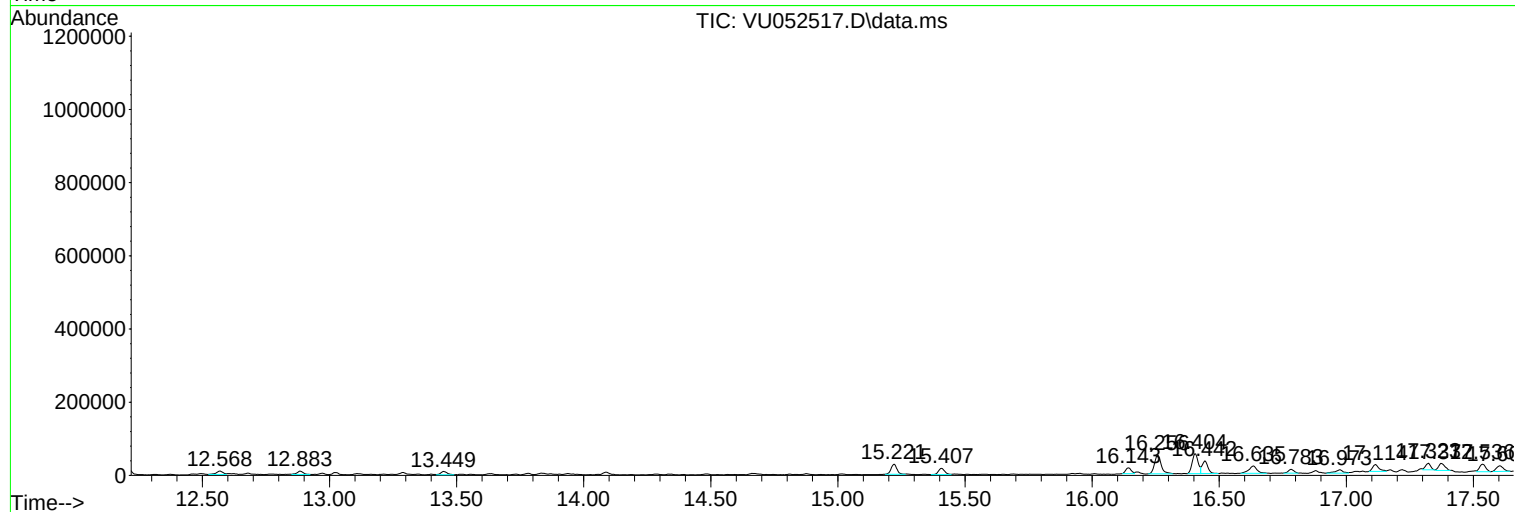
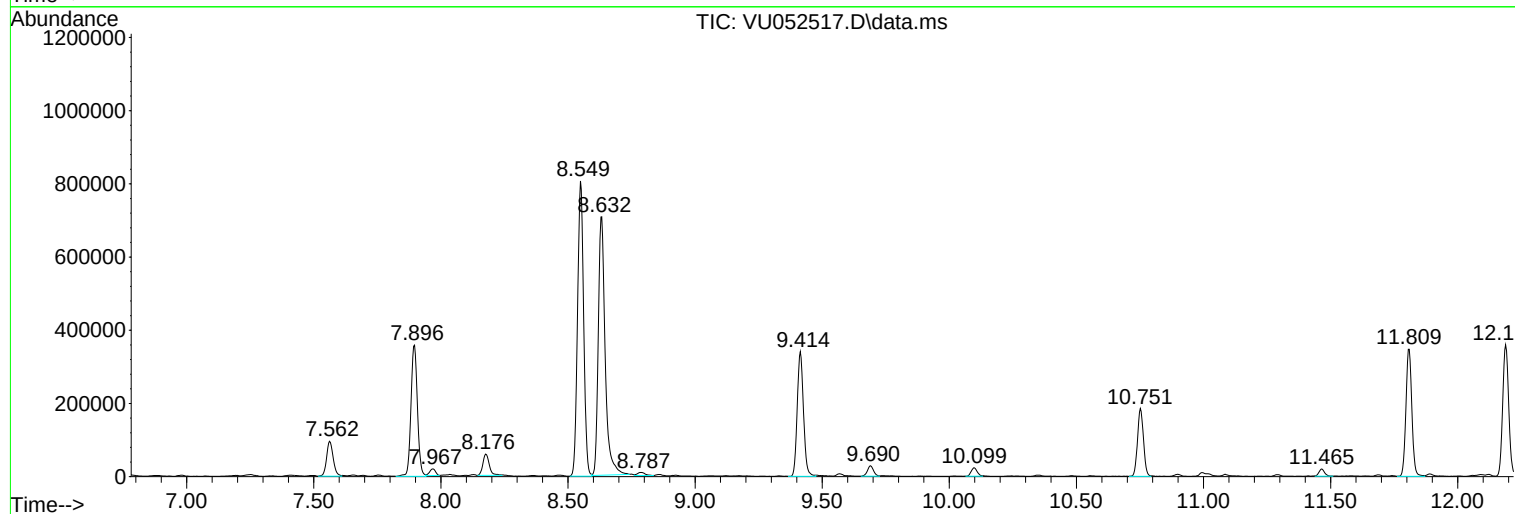
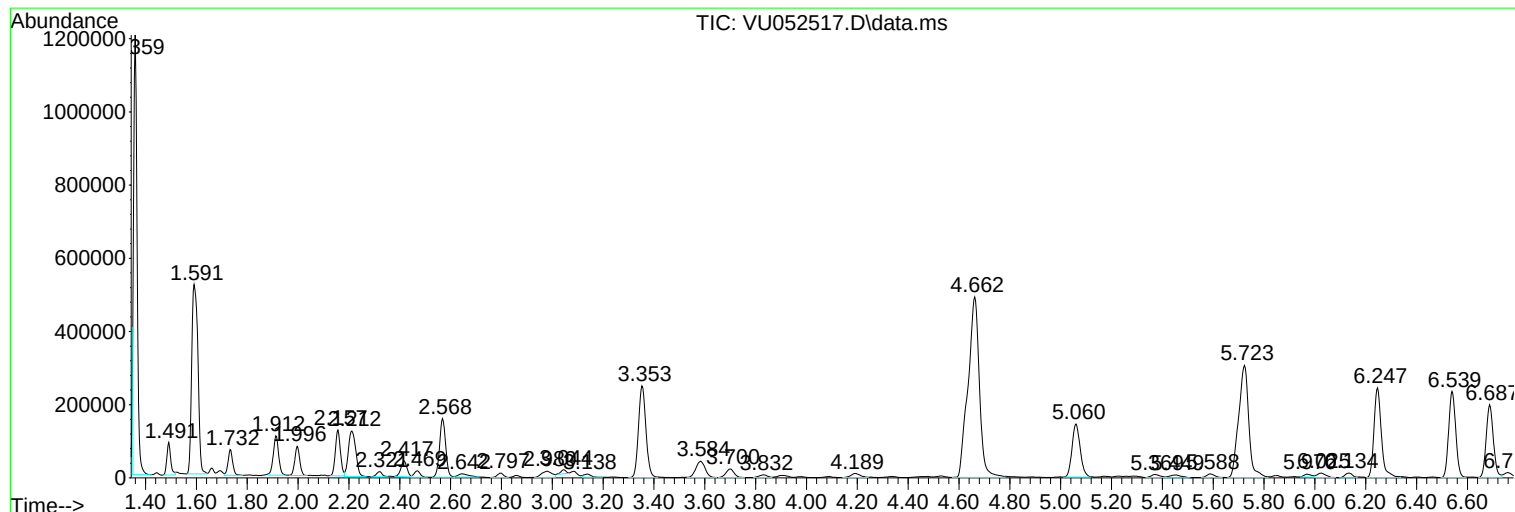
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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ClientSampleId :
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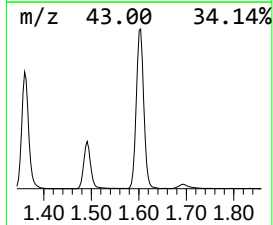
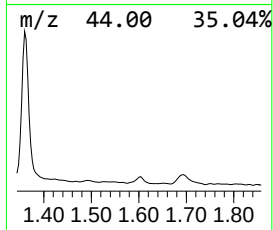
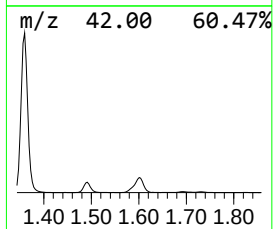
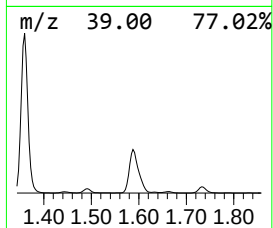
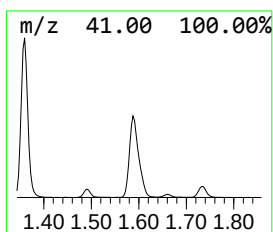
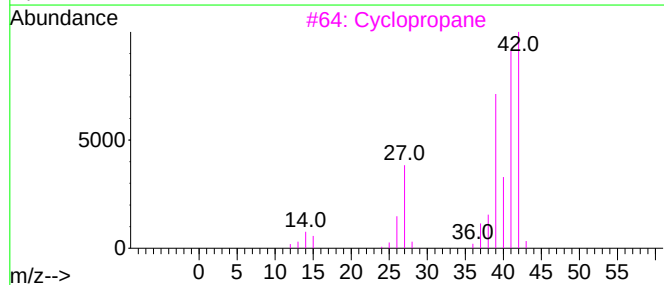
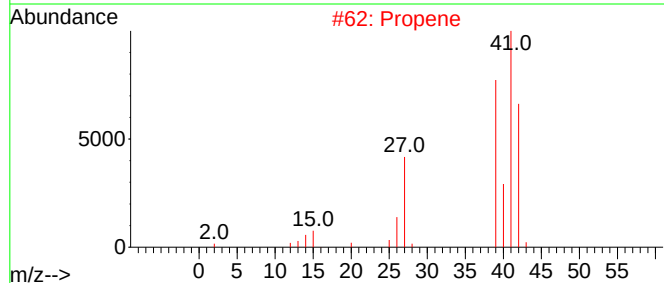
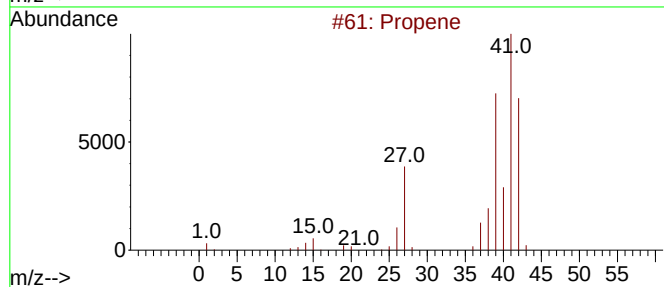
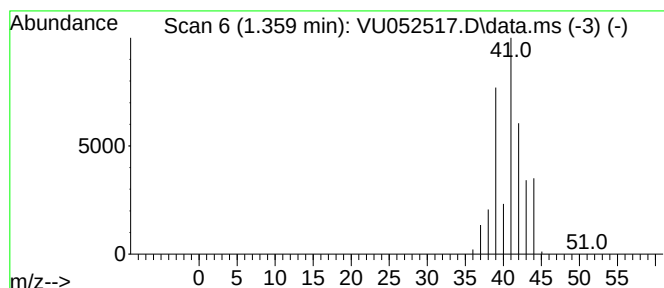
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Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.359	10.93 ug/L	1085850	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propene	42	C3H6	000115-07-1	90
2			Propene	42	C3H6	000115-07-1	42
3			Cyclopropane	42	C3H6	000075-19-4	9
4			Cyclopropene	40	C3H4	002781-85-3	9
5			Cyclopropane	42	C3H6	000075-19-4	7



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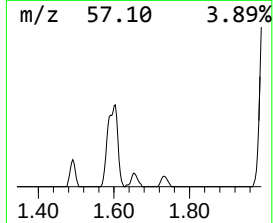
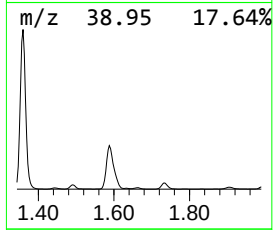
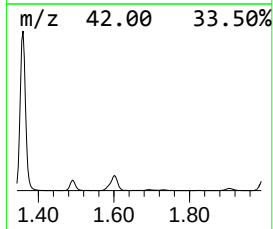
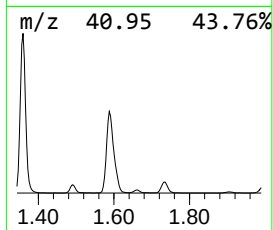
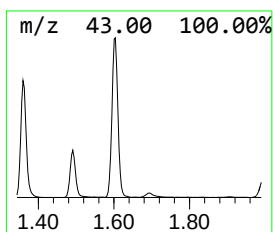
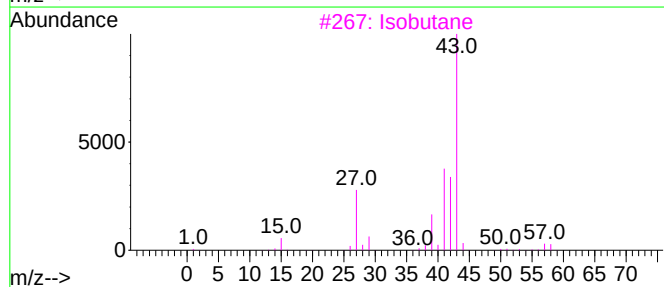
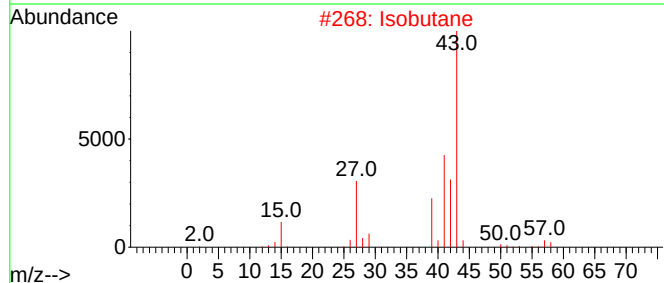
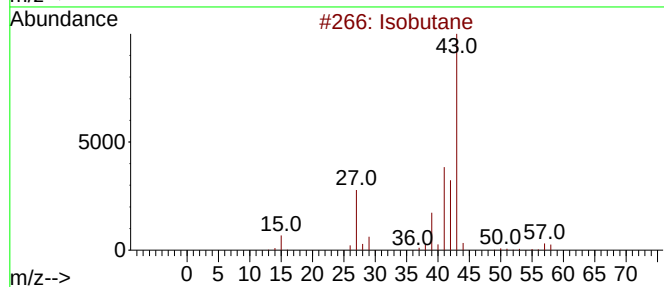
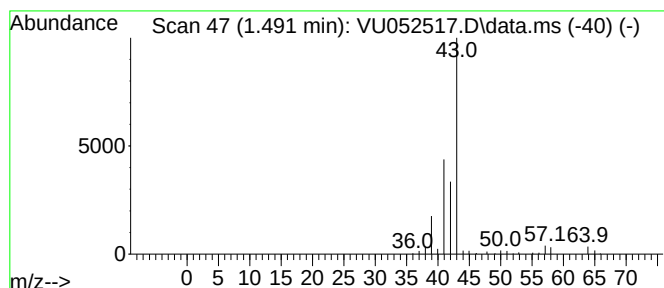
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.491	0.95 ug/L	94172	1,4-Difluorobenzene	6.247

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Isobutane	58	C4H10	000075-28-5	64
2		Isobutane	58	C4H10	000075-28-5	59
3		Isobutane	58	C4H10	000075-28-5	59
4		Isobutane	58	C4H10	000075-28-5	50
5		Isobutane	58	C4H10	000075-28-5	45



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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GBQA2

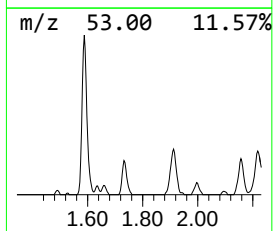
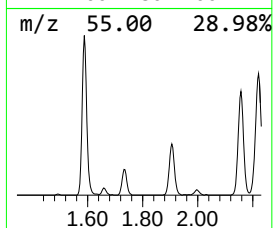
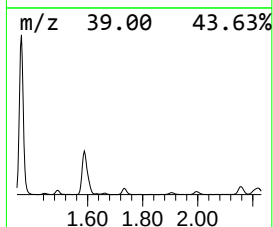
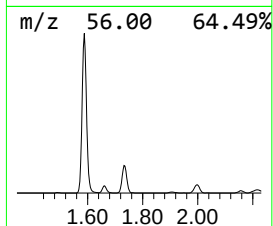
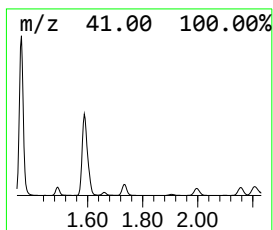
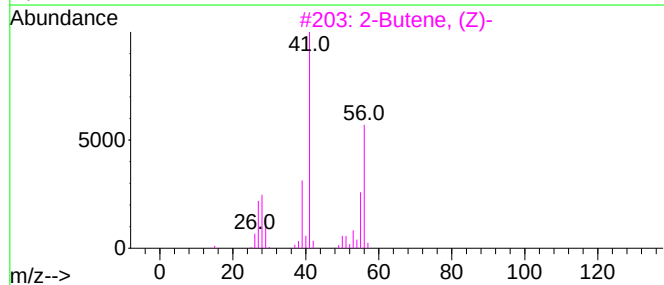
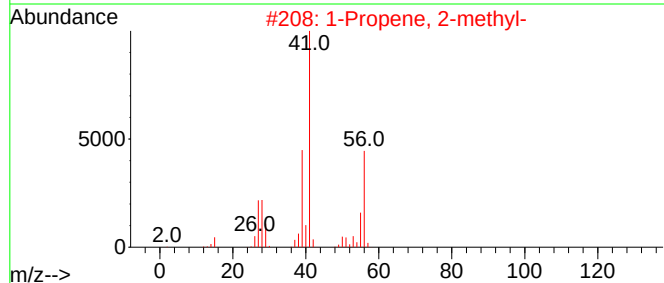
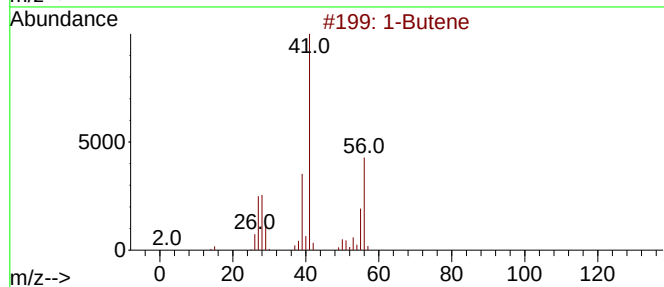
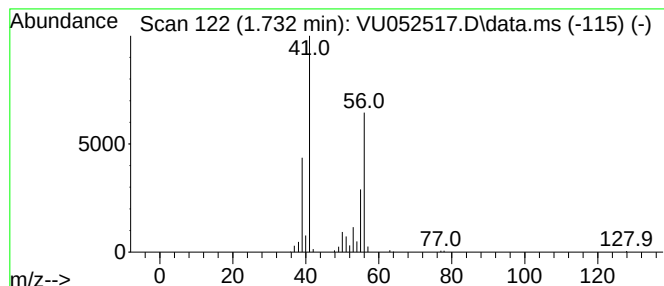
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.732	0.89 ug/L	88021	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Butene	56	C4H8	000106-98-9	83
2			1-Propene, 2-methyl-	56	C4H8	000115-11-7	83
3			2-Butene, (Z)-	56	C4H8	000590-18-1	80
4			2-Butene, (Z)-	56	C4H8	000590-18-1	74
5			2-Butene, (Z)-	56	C4H8	000590-18-1	72



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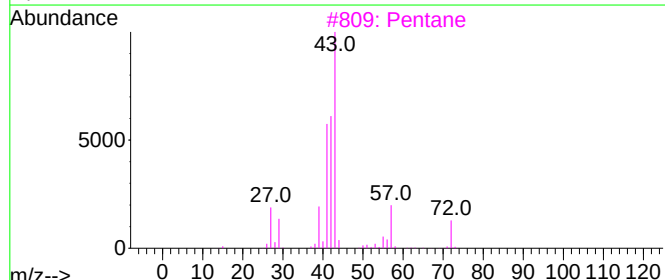
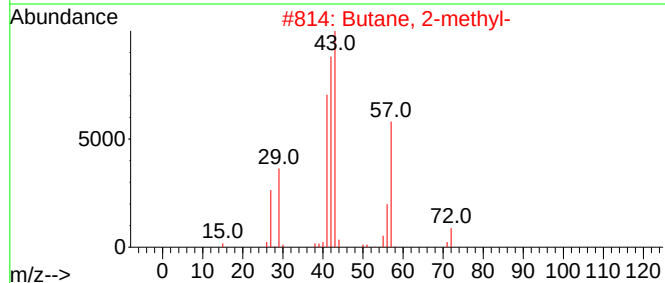
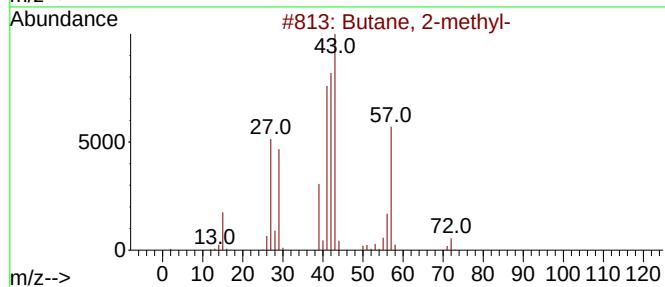
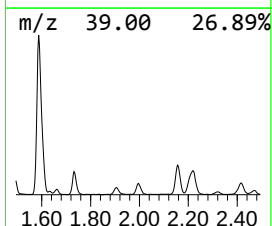
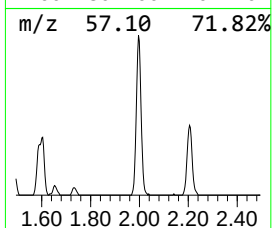
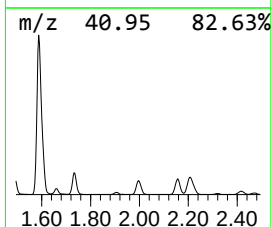
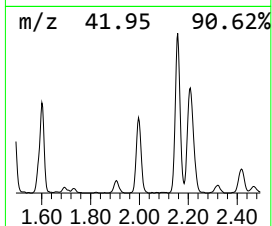
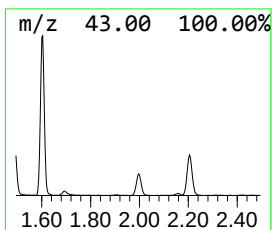
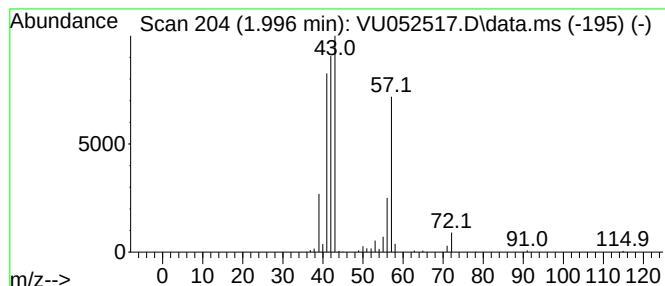
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Quant Title : TRACE VOA SFAM1.0

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.
1.996	1.08 ug/L	107522	1,4-Difluorobenzene	6.247

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		3-Buten-1-ol	72	C4H8O	000627-27-0	28
5		1-Butene	56	C4H8	000106-98-9	14



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ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQA2

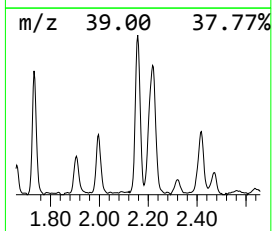
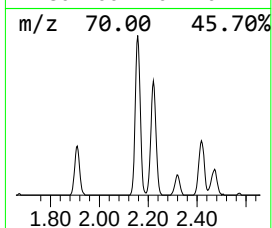
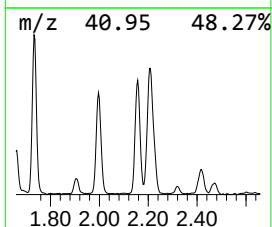
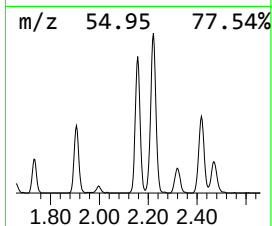
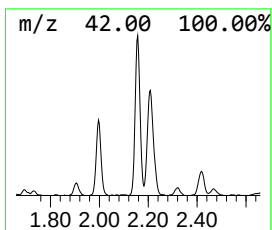
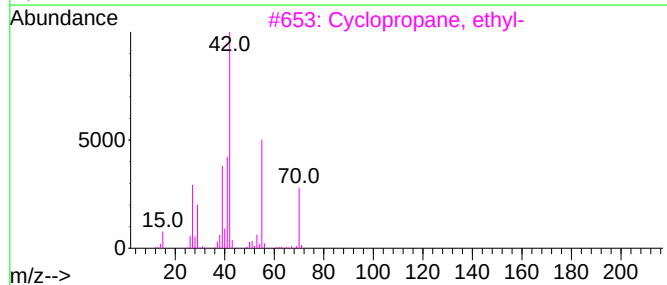
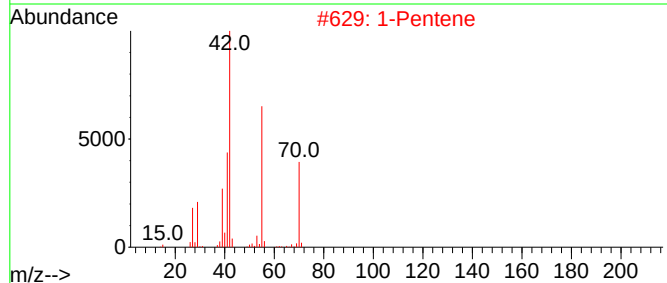
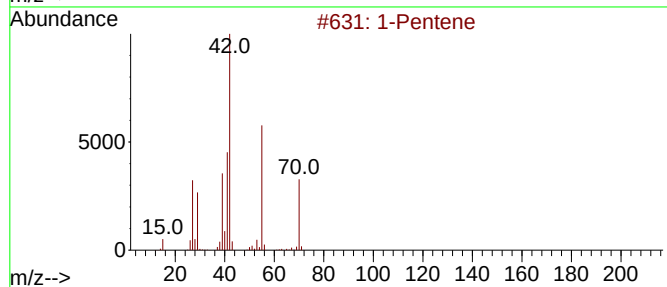
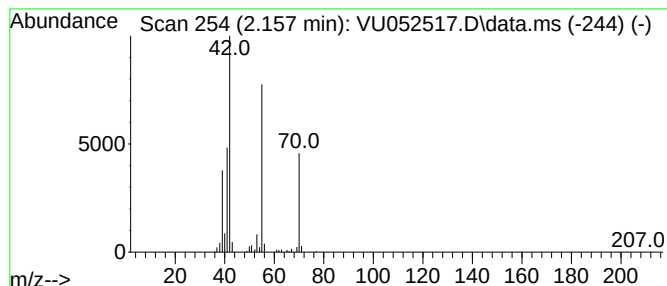
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.157	1.76 ug/L	174596	1,4-Difluorobenzene	6.247

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Pentene	70	C5H10	000109-67-1	91
2		1-Pentene	70	C5H10	000109-67-1	91
3		Cyclopropane, ethyl-	70	C5H10	001191-96-4	91
4		Cyclobutane, methyl-	70	C5H10	000598-61-8	86
5		1-Pentene	70	C5H10	000109-67-1	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052517.D
Acq On : 23 Dec 2022 01:36
Operator : JC/MD
Sample : N6169-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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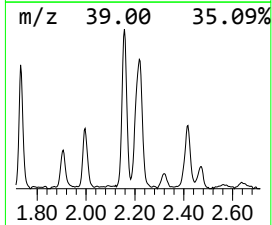
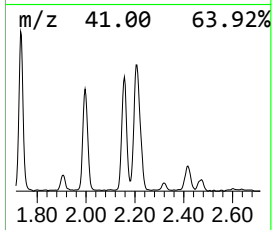
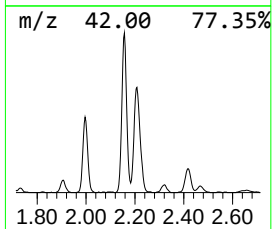
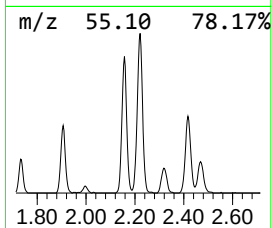
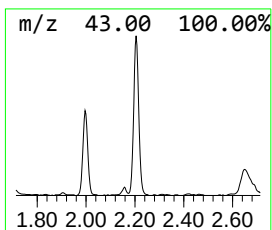
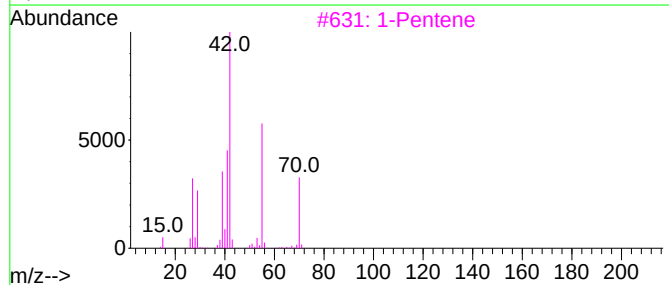
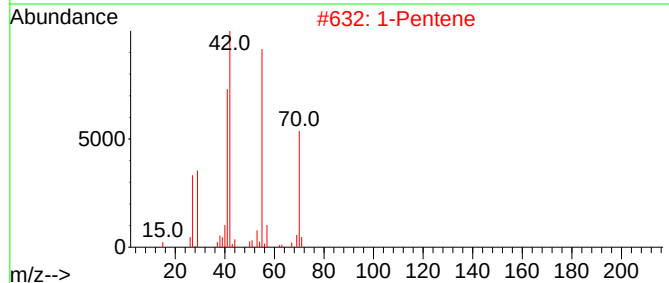
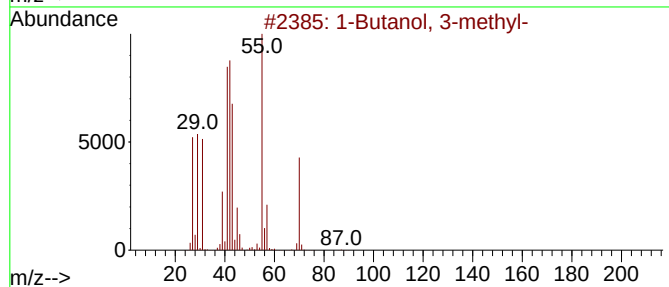
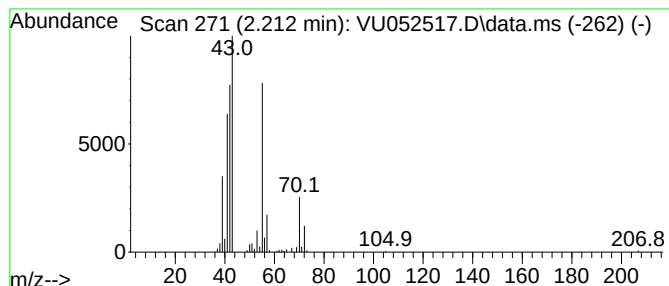
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 1-Butanol, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.212	2.55 ug/L	253379	1,4-Difluorobenzene	6.247

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Butanol, 3-methyl-	88	C5H12O	000123-51-3	64
2		1-Pentene	70	C5H10	000109-67-1	62
3		1-Pentene	70	C5H10	000109-67-1	58
4		Pentane	72	C5H12	000109-66-0	53
5		Pentane	72	C5H12	000109-66-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052517.D
Acq On : 23 Dec 2022 01:36
Operator : JC/MD
Sample : N6169-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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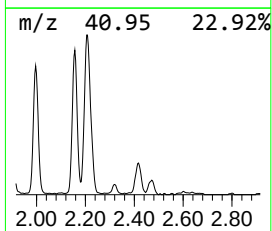
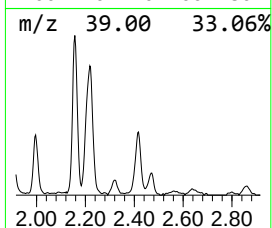
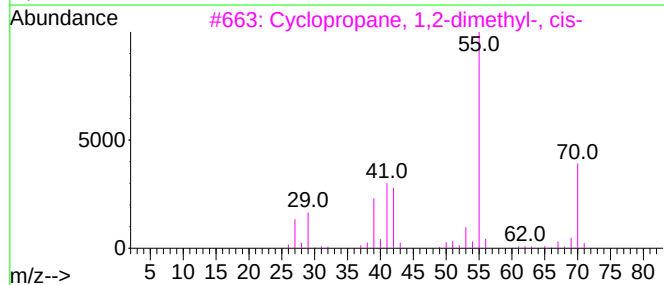
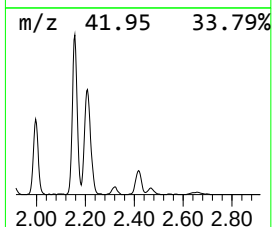
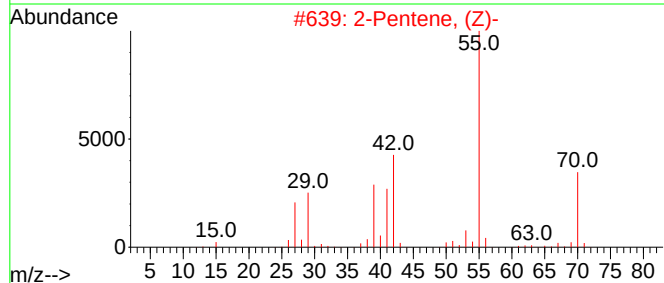
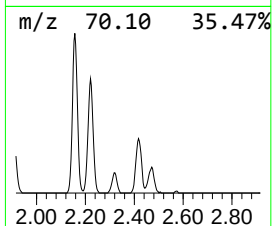
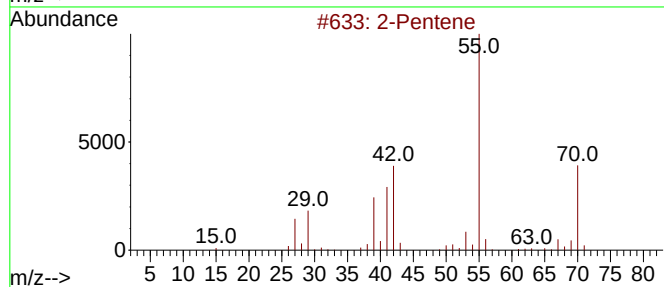
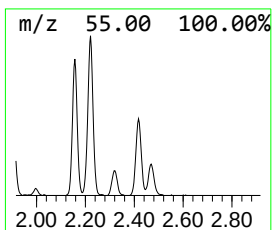
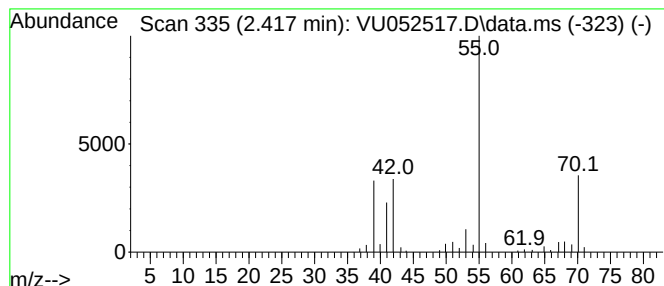
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.417	0.72 ug/L	72014	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene			70	C5H10	000109-68-2	91
2	2-Pentene, (Z)-			70	C5H10	000627-20-3	90
3	Cyclopropane, 1,2-dimethyl-, cis-			70	C5H10	000930-18-7	90
4	2-Pentene			70	C5H10	000109-68-2	87
5	2-Pentene, (E)-			70	C5H10	000646-04-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052517.D
Acq On : 23 Dec 2022 01:36
Operator : JC/MD
Sample : N6169-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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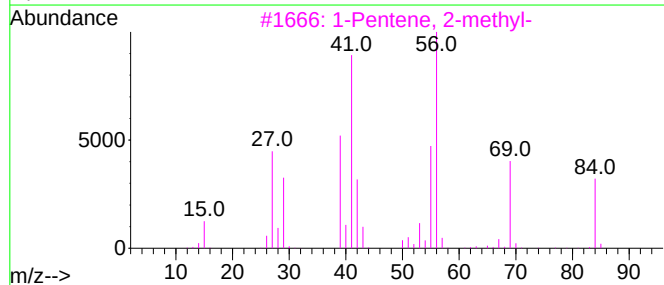
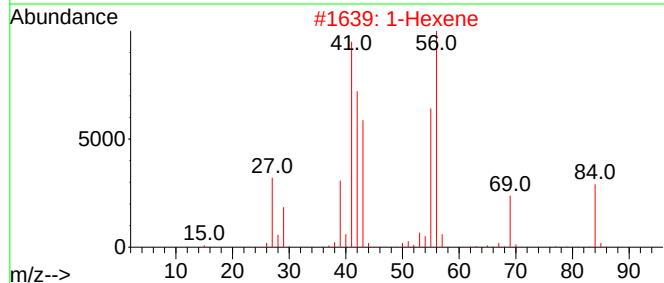
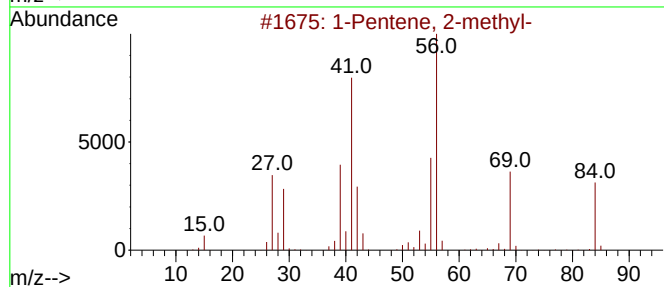
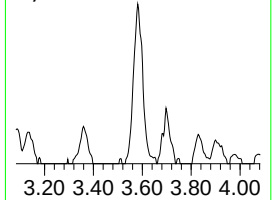
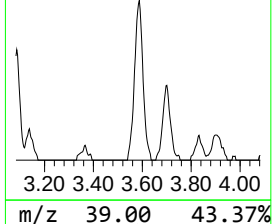
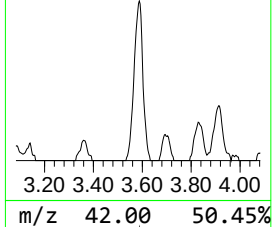
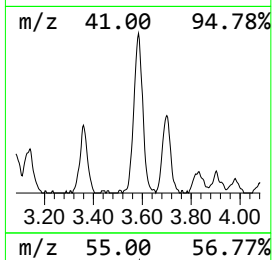
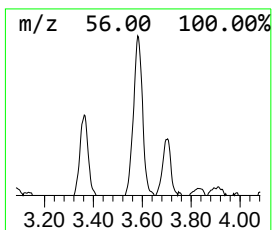
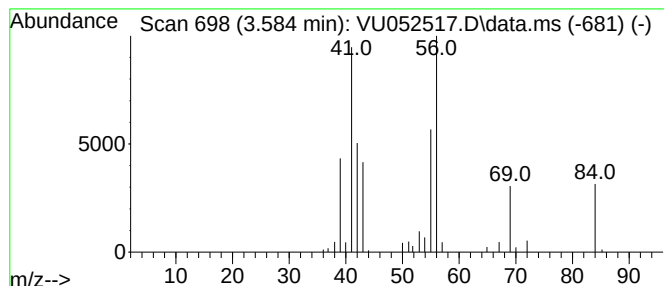
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Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.584	1.14 ug/L	113391	1,4-Difluorobenzene	6.247

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	87
2		1-Hexene	84	C6H12	000592-41-6	74
3		1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
4		2H-Pyran-2-one, tetrahydro-3,6-d...	128	C7H12O2	003720-22-7	53
5		Cyclohexane	84	C6H12	000110-82-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052517.D
Acq On : 23 Dec 2022 01:36
Operator : JC/MD
Sample : N6169-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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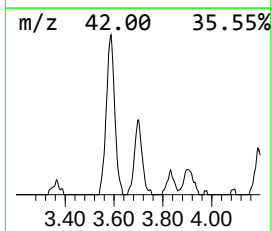
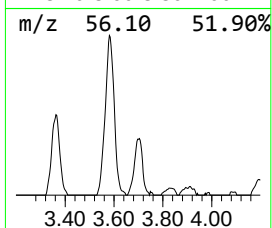
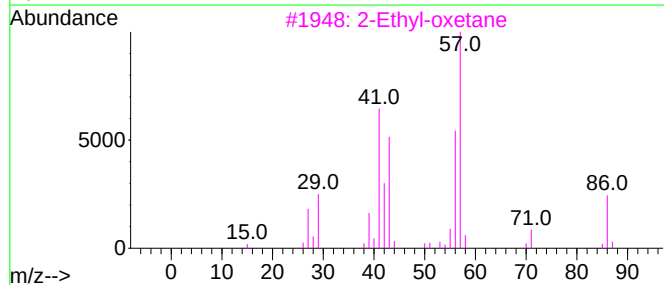
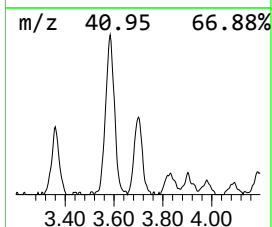
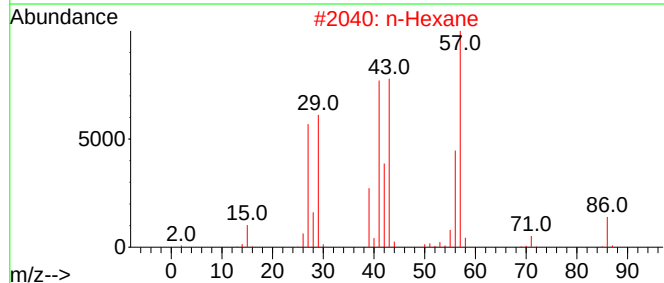
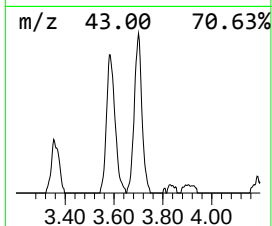
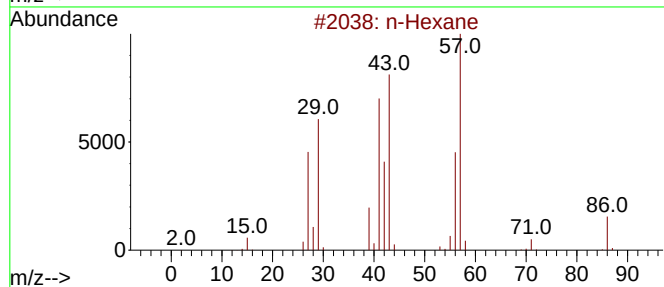
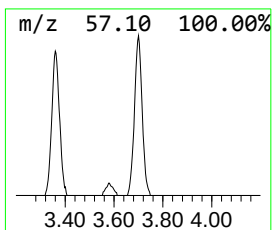
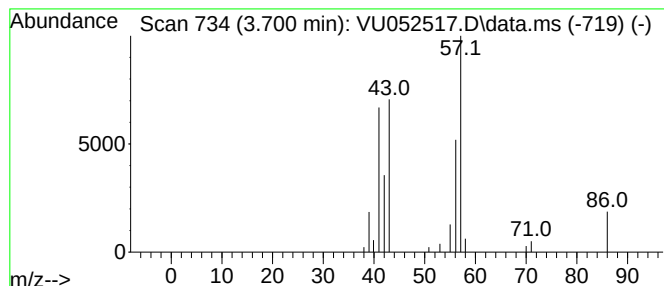
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Quant Title : TRACE VOA SFAM1.0

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.
3.700	0.53 ug/L	52762	1,4-Difluorobenzene	6.247

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexane	86	C6H14	000110-54-3	90
2		n-Hexane	86	C6H14	000110-54-3	83
3		2-Ethyl-oxetane	86	C5H10O	1010386-40-2	83
4		n-Hexane	86	C6H14	000110-54-3	80
5		n-Hexane	86	C6H14	000110-54-3	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052517.D
Acq On : 23 Dec 2022 01:36
Operator : JC/MD
Sample : N6169-11
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ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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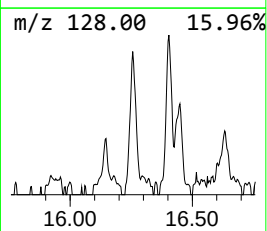
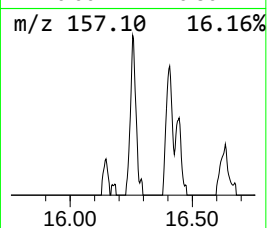
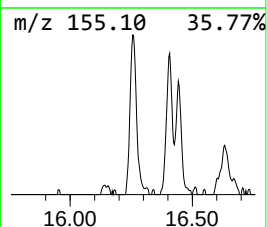
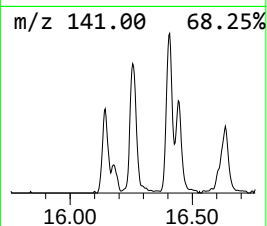
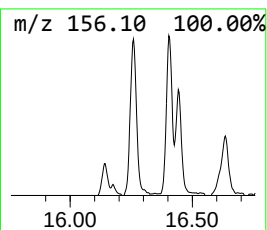
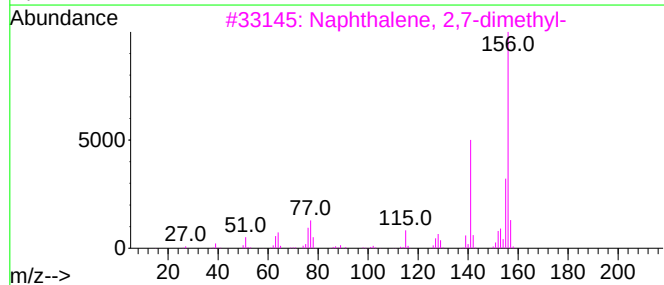
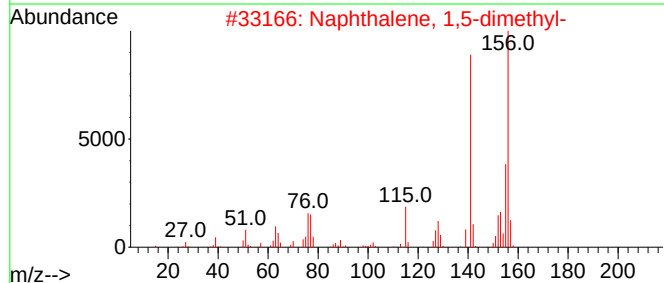
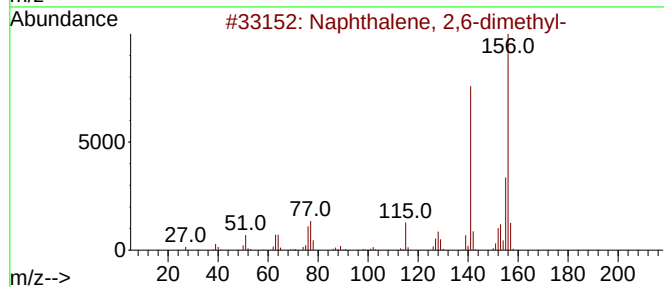
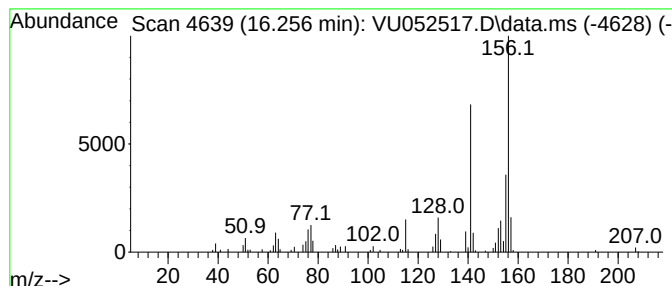
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 11 Naphthalene, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.256	0.84 ug/L	93686	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
Data File : VU052517.D
Acq On : 23 Dec 2022 01:36
Operator : JC/MD
Sample : N6169-11
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ALS Vial : 39 Sample Multiplier: 1

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ClientSampleId :
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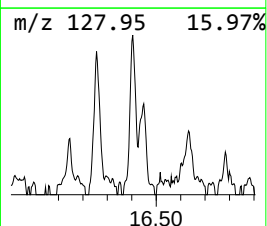
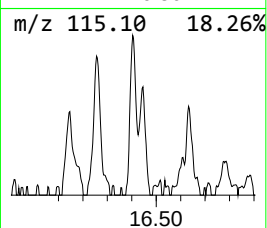
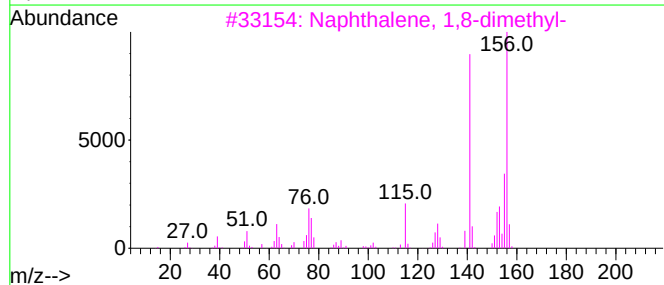
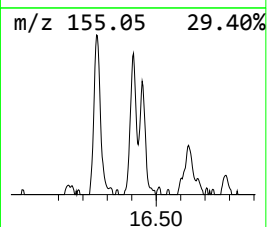
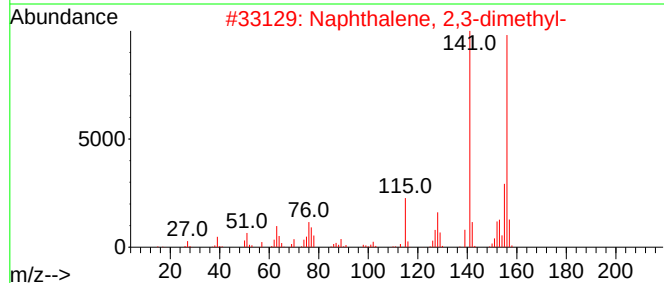
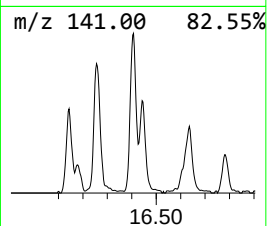
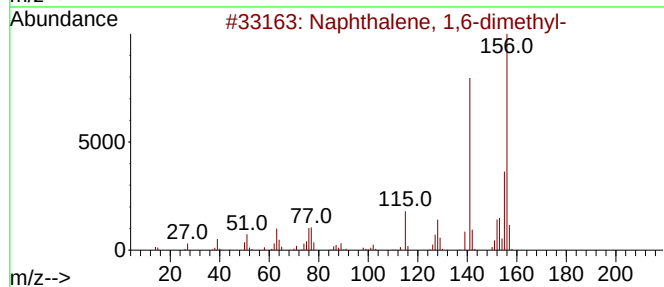
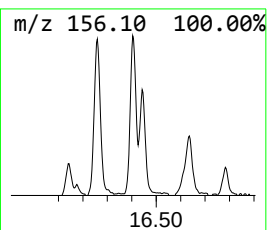
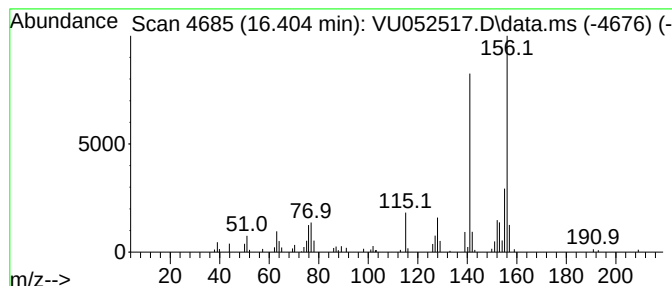
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 12 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.404	0.81 ug/L	89666	1,4-Dichlorobenzene-d4	11.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
3			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	98
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
 Data File : VU052517.D
 Acq On : 23 Dec 2022 01:36
 Operator : JC/MD
 Sample : N6169-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQA2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	1.359	10.9	ug/L	1085850	1	6.247	496817	5.0
(DEL) Alkane: S...	1.491	0.9	ug/L	94172	1	6.247	496817	5.0
(DEL) Alkane: S...	1.732	0.9	ug/L	88021	1	6.247	496817	5.0
(DEL) Alkane: S...	1.996	1.1	ug/L	107522	1	6.247	496817	5.0
(DEL) Alkane: S...	2.157	1.8	ug/L	174596	1	6.247	496817	5.0
1-Butanol, 3-me...	2.212	2.5	ug/L	253379	1	6.247	496817	5.0
(DEL) Alkane: S...	2.417	0.7	ug/L	72014	1	6.247	496817	5.0
(DEL) Alkane: S...	3.584	1.1	ug/L	113391	1	6.247	496817	5.0
(DEL) Alkane: S...	3.700	0.5	ug/L	52762	1	6.247	496817	5.0
Naphthalene, 2,...	16.256	0.8	ug/L	93686	3	11.809	556512	5.0
Naphthalene, 1,...	16.404	0.8	ug/L	89666	3	11.809	556512	5.0