

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
 Data File : VU047316.D
 Acq On : 03 Mar 2022 15:35
 Operator : SY/MD
 Sample : N1773-03DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY11DL

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\SFAMUTR021622WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU047316.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.604	73	82	95	rBV	65887	75865	13.28%	1.278%
2	1.919	171	180	192	rBV	47151	62689	10.97%	1.056%
3	1.999	196	205	215	rVB	32510	44431	7.78%	0.748%
4	2.572	372	383	404	rBV	100523	175552	30.73%	2.956%
5	2.990	496	513	518	rBV8	3073	7461	1.31%	0.126%
6	3.047	518	531	545	rVV5	21309	47790	8.36%	0.805%
7	3.144	549	561	587	rVB3	18059	48176	8.43%	0.811%
8	3.369	618	631	650	rVB2	9270	21592	3.78%	0.364%
9	4.092	844	856	871	rBV4	5509	14493	2.54%	0.244%
10	4.173	871	881	895	rVB4	3544	7983	1.40%	0.134%
11	4.436	951	963	978	rVB5	7021	17698	3.10%	0.298%
12	4.658	1003	1032	1064	rBV2	53490	241293	42.23%	4.064%
13	4.983	1119	1133	1145	rBV5	3236	8242	1.44%	0.139%
14	5.067	1145	1159	1174	rBV	84322	188279	32.95%	3.171%
15	5.465	1264	1283	1309	rVB9	8437	32921	5.76%	0.554%
16	5.642	1324	1338	1346	rBV4	3919	7907	1.38%	0.133%
17	5.729	1346	1365	1393	rVB2	169110	459445	80.41%	7.737%
18	5.899	1402	1418	1435	rBV2	31740	70376	12.32%	1.185%
19	6.250	1513	1527	1561	rBV	158914	318977	55.83%	5.372%
20	6.542	1605	1618	1638	rBV2	38957	77044	13.48%	1.297%
21	6.694	1651	1665	1689	rBV	107527	215363	37.69%	3.627%
22	6.880	1711	1723	1731	rBV8	3427	7738	1.35%	0.130%
23	7.163	1800	1811	1814	rBV2	9633	15604	2.73%	0.263%
24	7.256	1829	1840	1853	rVB2	16698	34334	6.01%	0.578%
25	7.382	1866	1879	1893	rBV3	31185	65271	11.42%	1.099%
26	7.568	1922	1937	1954	rBV	59917	110818	19.40%	1.866%
27	7.899	2016	2040	2056	rBV	224070	388024	67.91%	6.535%
28	8.179	2112	2127	2140	rBV2	82571	144438	25.28%	2.432%
29	8.266	2140	2154	2171	rVB2	41375	74972	13.12%	1.263%
30	8.475	2210	2219	2231	rBV3	3519	6692	1.17%	0.113%
31	8.555	2231	2244	2257	rBV	275383	460648	80.62%	7.758%
32	8.636	2257	2269	2299	rVV	303612	571357	100.00%	9.622%
33	8.787	2306	2316	2335	rVB2	25723	46401	8.12%	0.781%
34	9.343	2479	2489	2498	rBV5	4050	7709	1.35%	0.130%
35	9.417	2500	2512	2529	rBV	240294	394022	68.96%	6.636%
36	10.343	2792	2800	2809	rBV6	5813	8334	1.46%	0.140%

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Stop Thrs : 0

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37	10.758	2916	2929	2940	rBV	103329	165192	28.91%	2.782%
38	10.893	2961	2971	2981	rBV2	9394	16730	2.93%	0.282%
39	11.610	3185	3194	3198	rBV	9122	12566	2.20%	0.212%
40	11.645	3199	3205	3211	rVV	13456	19861	3.48%	0.334%
41	11.687	3211	3218	3229	rVB4	14439	21632	3.79%	0.364%
42	11.812	3245	3257	3269	rBV	307382	483953	84.70%	8.150%
43	12.192	3363	3375	3390	rBV	240052	395877	69.29%	6.667%
44	12.680	3515	3527	3540	rBV	126654	195742	34.26%	3.296%
45	12.770	3545	3555	3566	rVB2	6309	10324	1.81%	0.174%
46	12.886	3573	3591	3606	rBV3	42717	68280	11.95%	1.150%
47	13.783	3862	3870	3882	rVB3	7943	12538	2.19%	0.211%
48	13.941	3913	3919	3928	rVB	9956	13857	2.43%	0.233%
49	14.208	3993	4002	4010	rBV	6356	9425	1.65%	0.159%
50	14.577	4107	4117	4127	rBV2	3499	5995	1.05%	0.101%
51	14.735	4158	4166	4178	rBV4	7350	10834	1.90%	0.182%
52	16.889	4829	4836	4847	rVB2	11054	15225	2.66%	0.256%

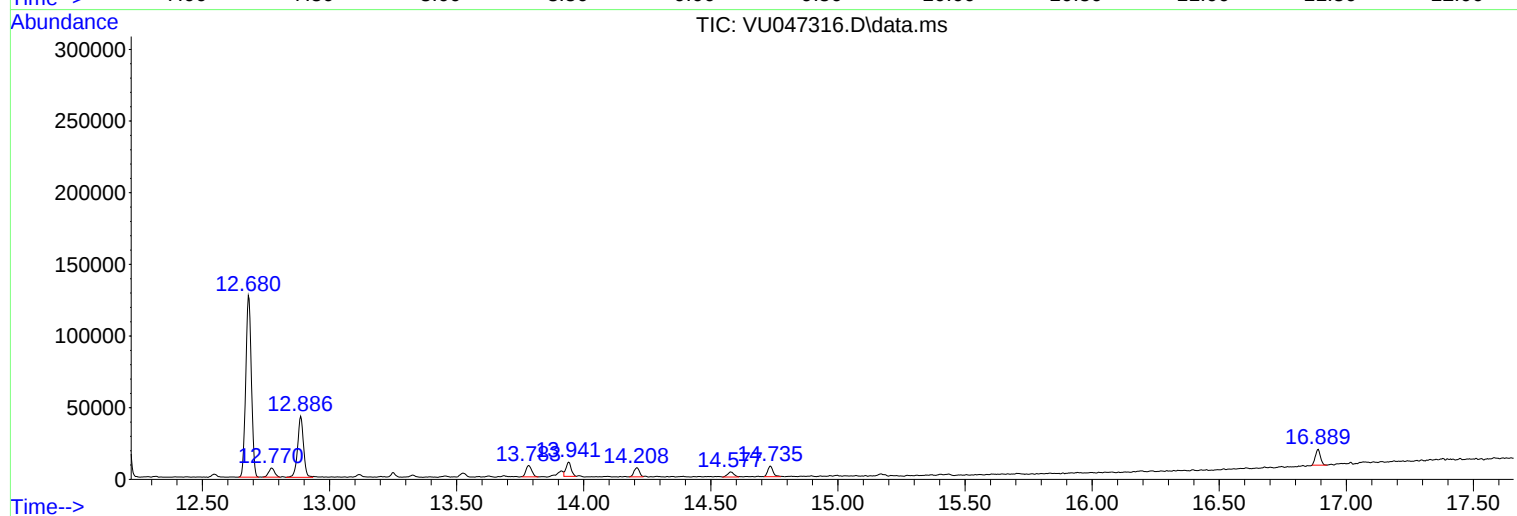
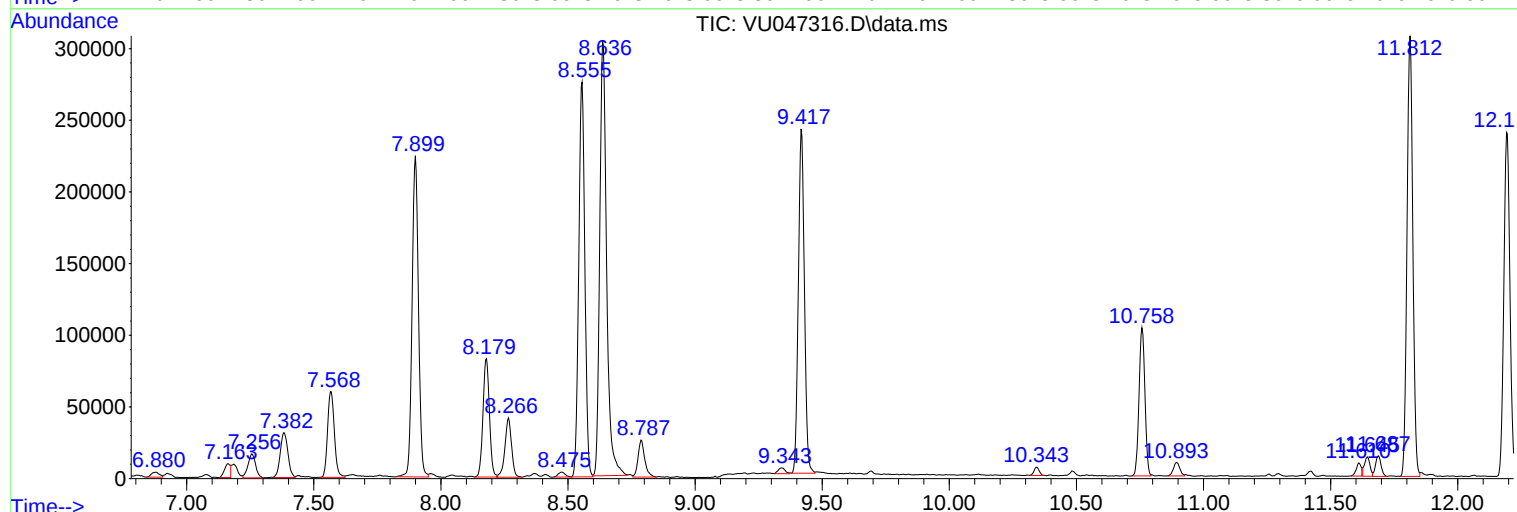
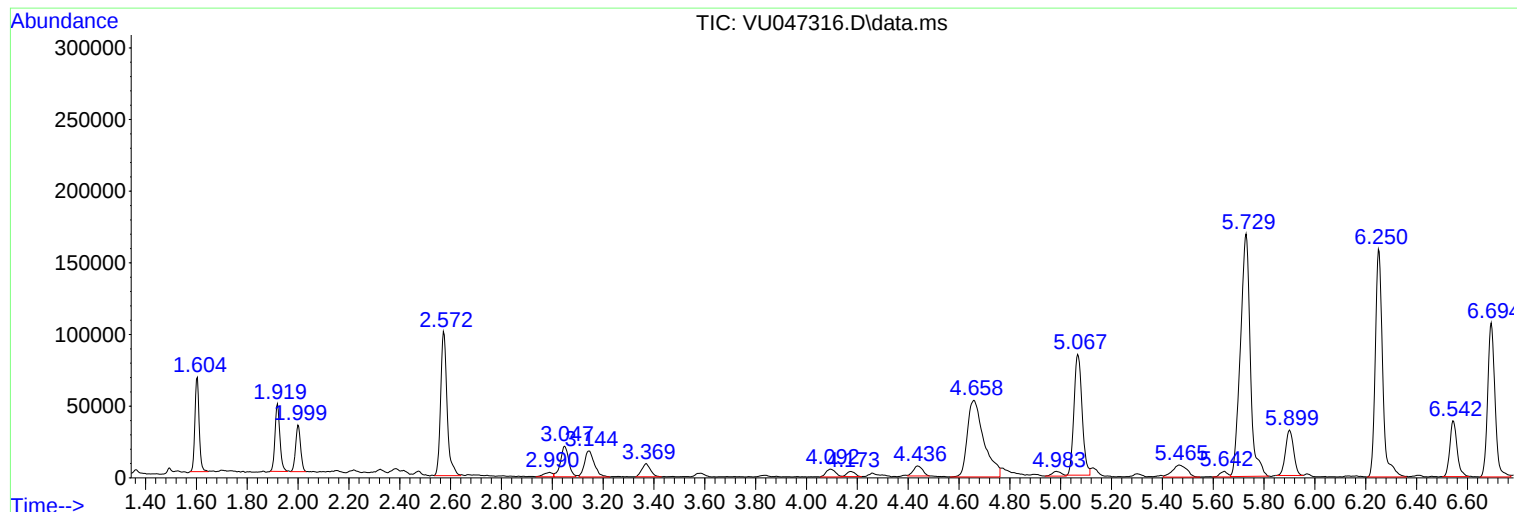
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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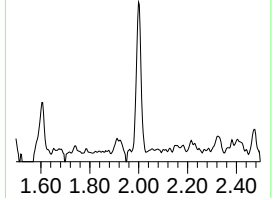
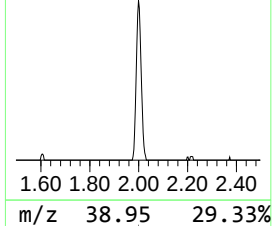
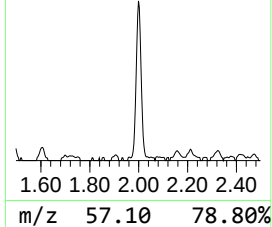
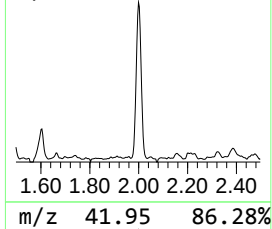
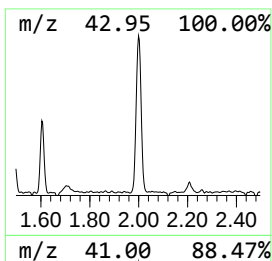
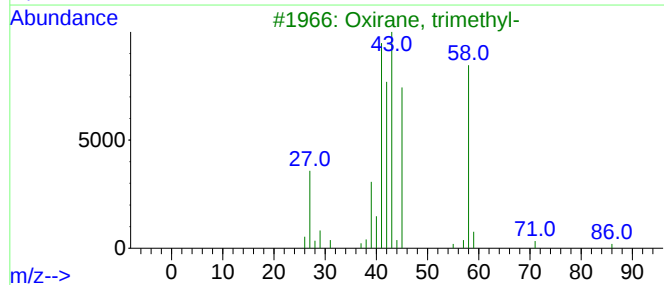
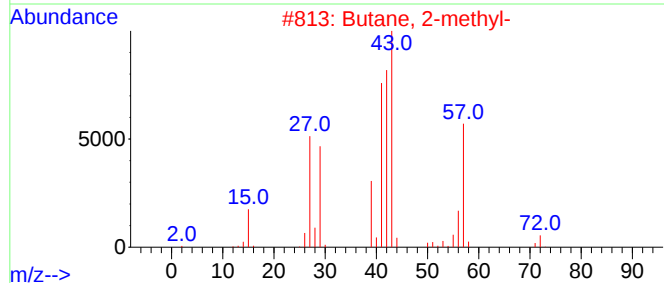
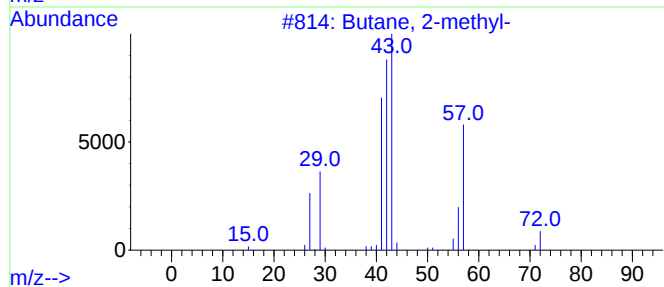
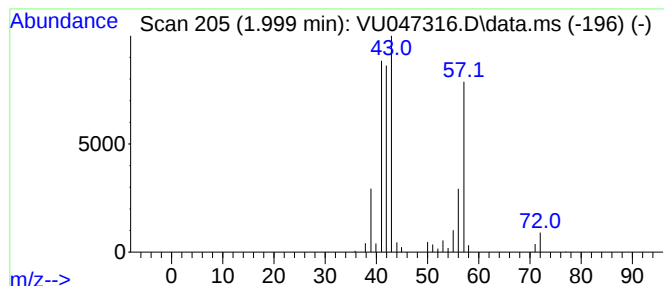
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.999	0.70 ug/L	44431	1,4-Difluorobenzene	6.250

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methyl-	72	C5H12	000078-78-4	86
2		Butane, 2-methyl-	72	C5H12	000078-78-4	80
3		Oxirane, trimethyl-	86	C5H10O	005076-19-7	33
4		Pentane, 2-bromo-	150	C5H11Br	000107-81-3	17
5		Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	16



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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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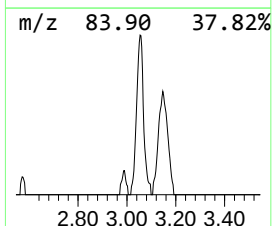
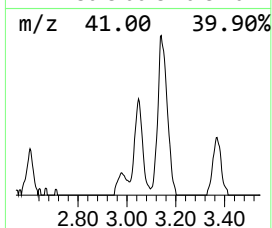
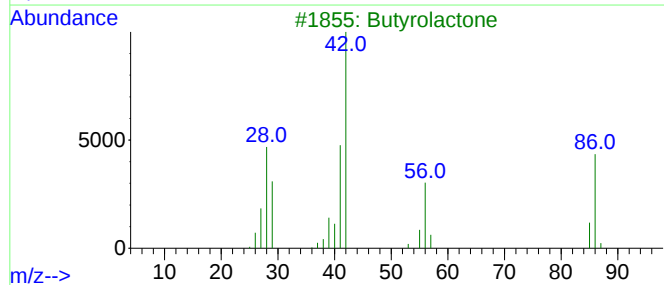
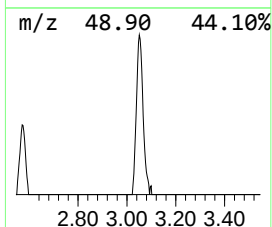
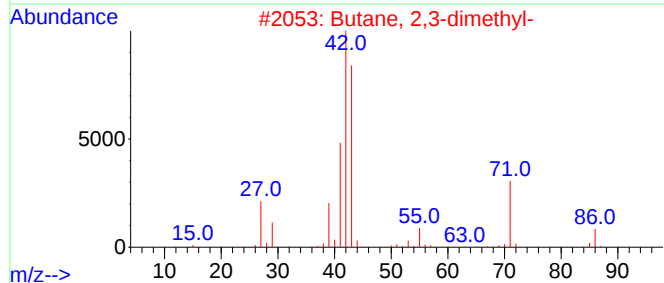
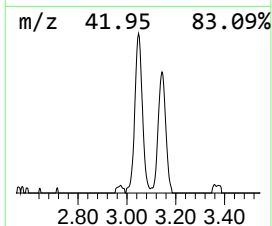
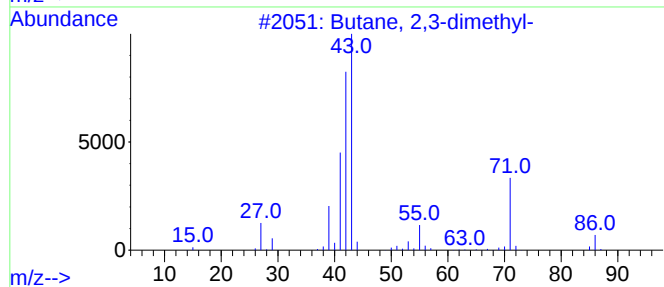
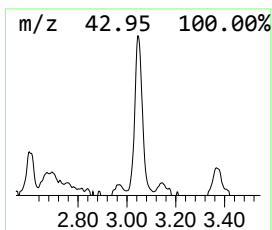
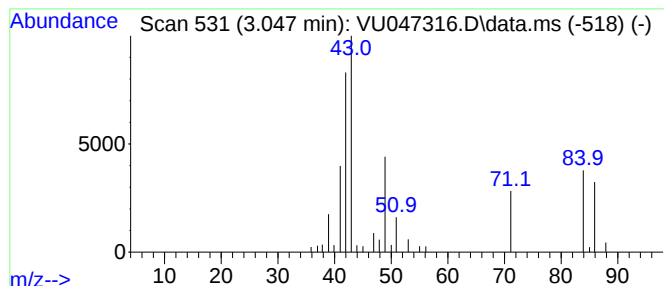
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
Quant Title : TRACE VOA SFAM1.0

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.
3.047	0.75 ug/L	47790	1,4-Difluorobenzene	6.250

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-			86	C6H14	000079-29-8	22
2	Butane, 2,3-dimethyl-			86	C6H14	000079-29-8	12
3	Butyrolactone			86	C4H6O2	000096-48-0	10
4	Acetaldehyde, ethylidenehydrazone			84	C4H8N2	000592-56-3	9
5	2-Furanol, tetrahydro-			88	C4H8O2	005371-52-8	9



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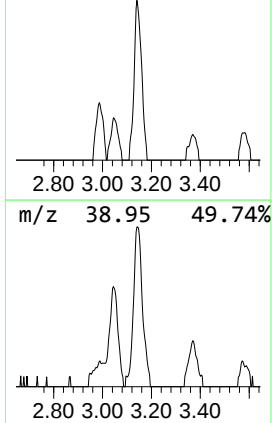
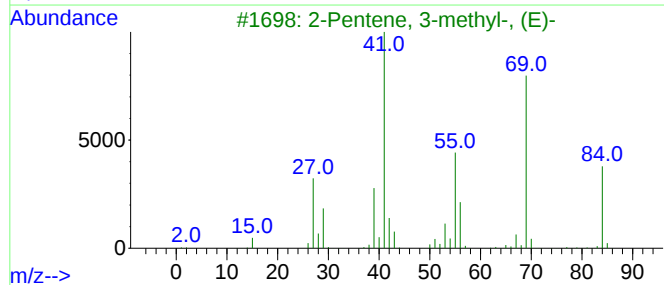
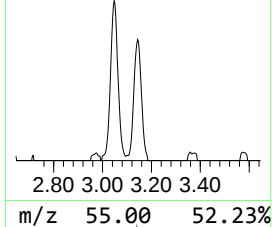
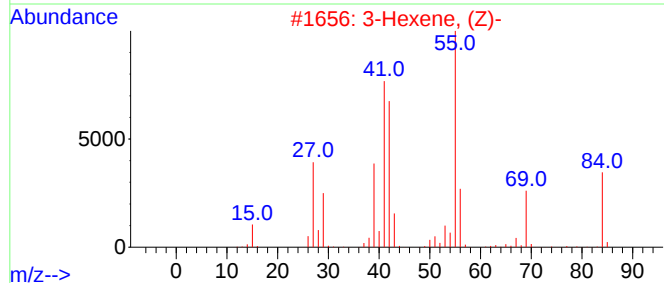
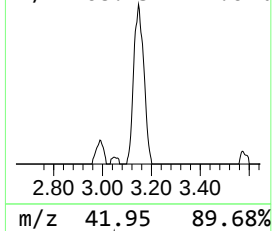
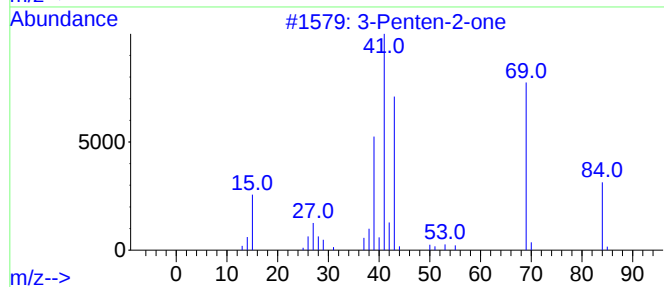
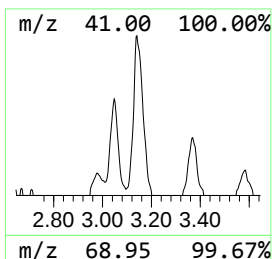
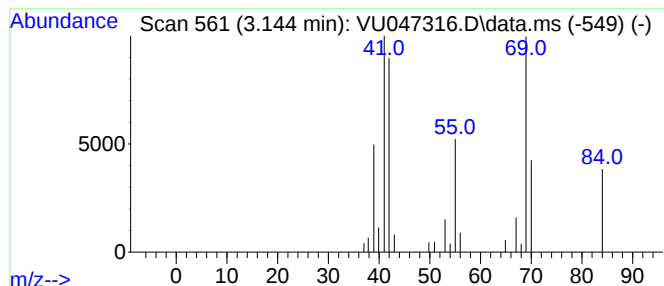
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.144	0.76 ug/L	48176	1,4-Difluorobenzene	6.250

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one	84	C5H8O	000625-33-2	47
2			3-Hexene, (Z)-	84	C6H12	007642-09-3	47
3			2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	46
4			2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	43
5			2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	43



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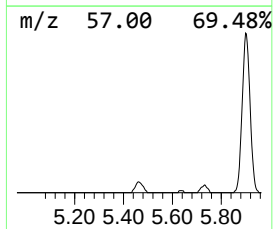
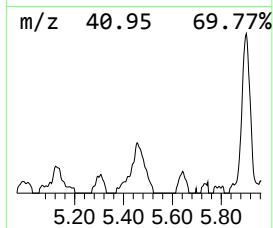
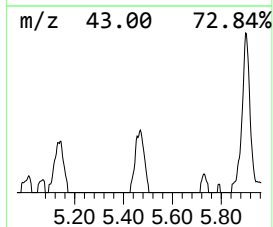
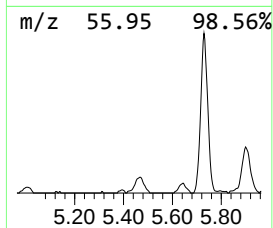
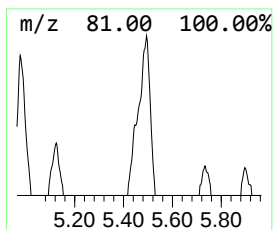
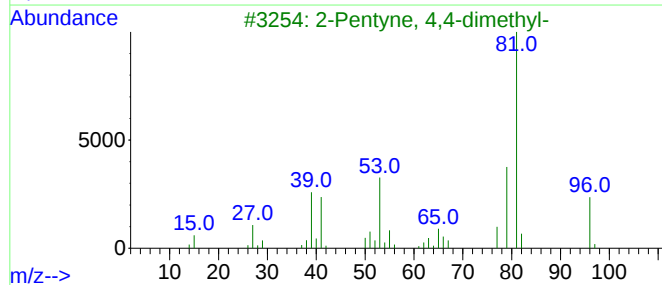
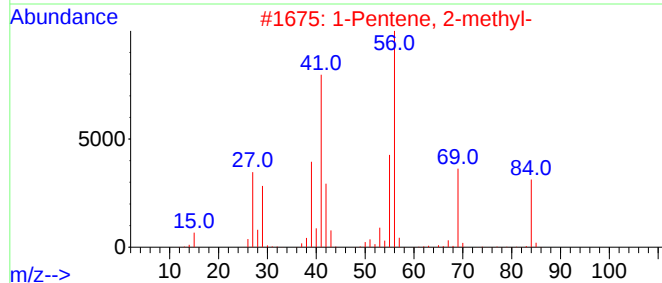
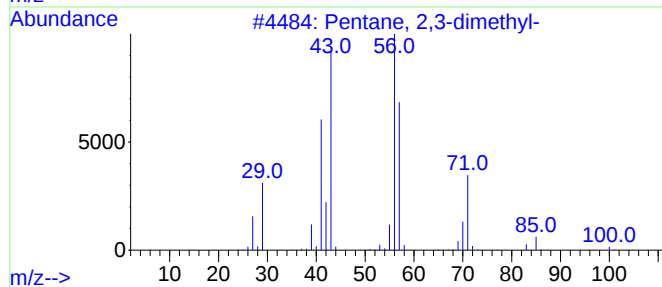
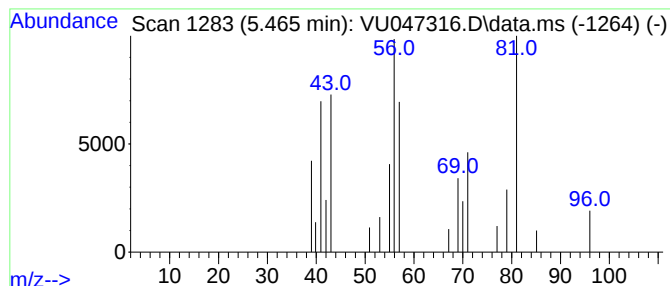
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Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.465	0.52 ug/L	32921	1,4-Difluorobenzene	6.250

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	35
2			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	27
3			2-Pentyne, 4,4-dimethyl-	96	C7H12	000999-78-0	25
4			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	25
5			1-Hexyne, 5-methyl-	96	C7H12	002203-80-7	25



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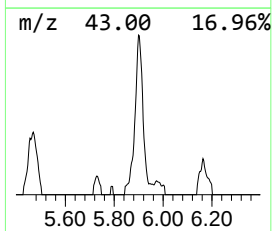
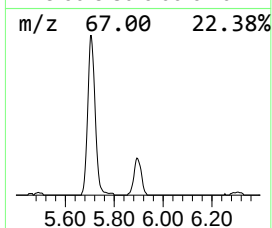
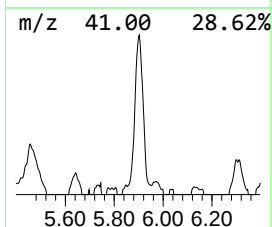
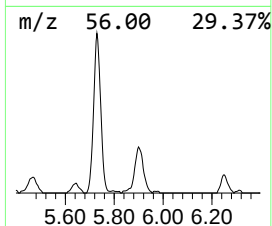
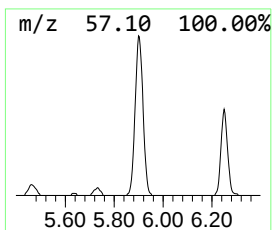
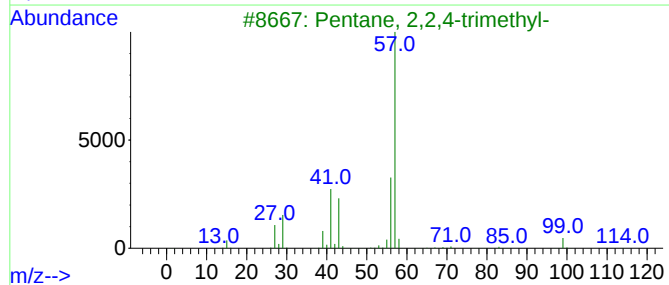
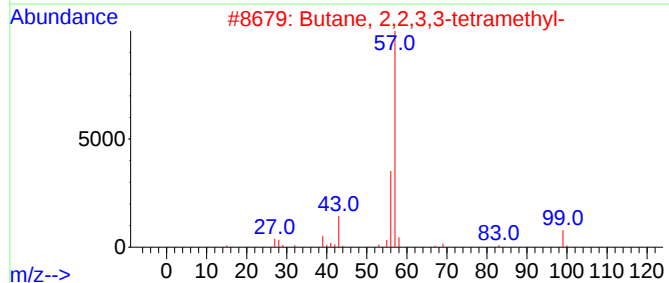
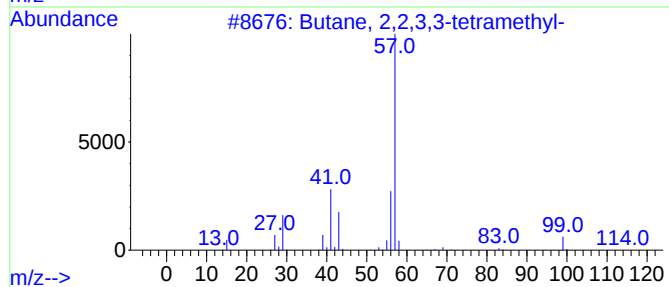
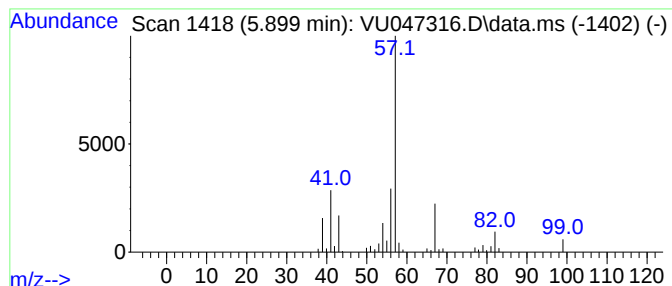
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Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.899	1.10 ug/L	70376	1,4-Difluorobenzene	6.250

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	43
2			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	43
3			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	38
4			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	37
5			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
Data File : VU047316.D
Acq On : 03 Mar 2022 15:35
Operator : SY/MD
Sample : N1773-03DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY11DL

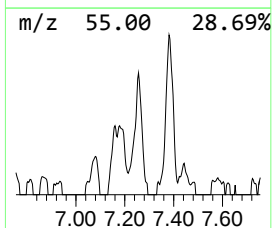
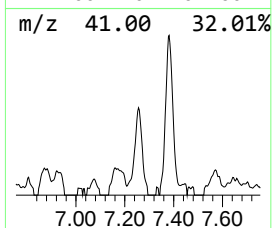
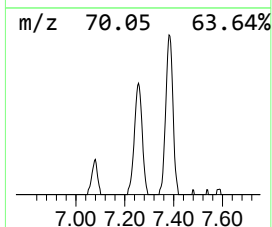
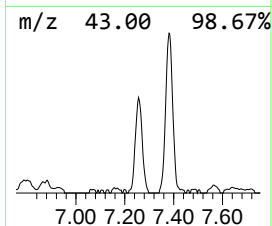
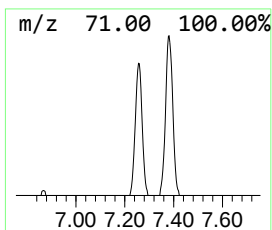
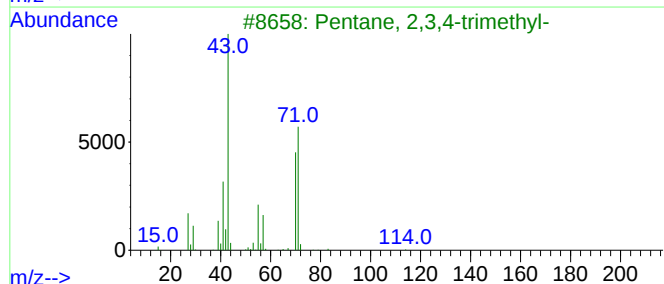
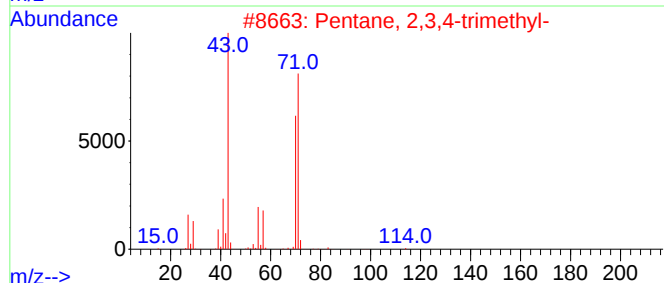
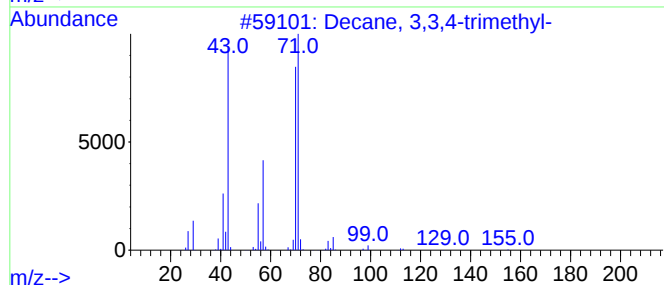
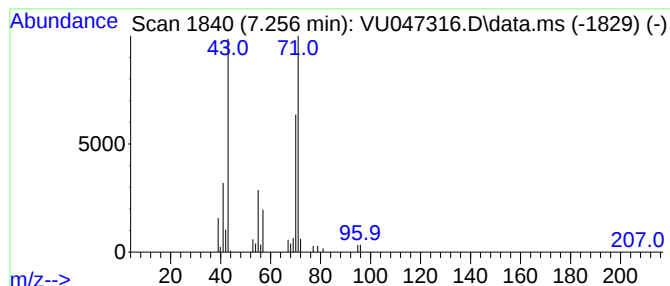
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.256	0.54 ug/L	34334	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	78
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
Data File : VU047316.D
Acq On : 03 Mar 2022 15:35
Operator : SY/MD
Sample : N1773-03DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY11DL

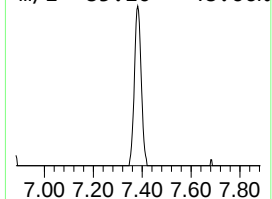
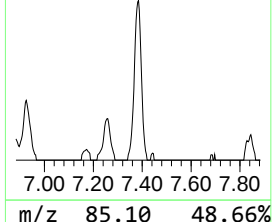
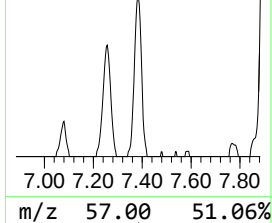
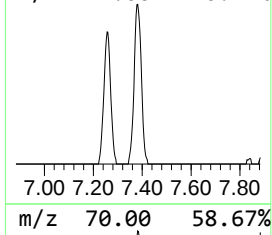
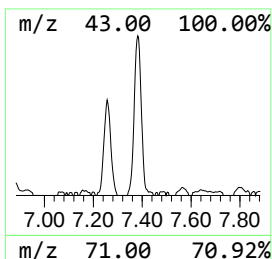
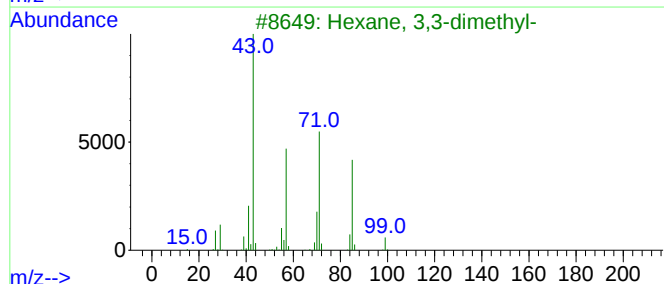
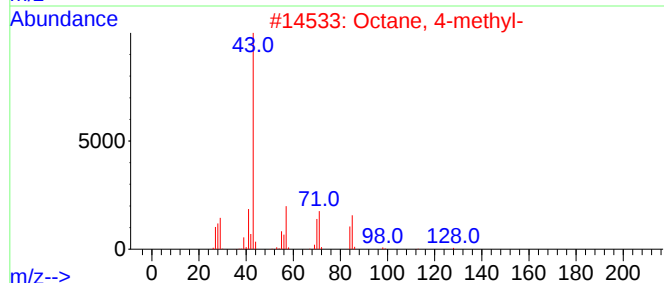
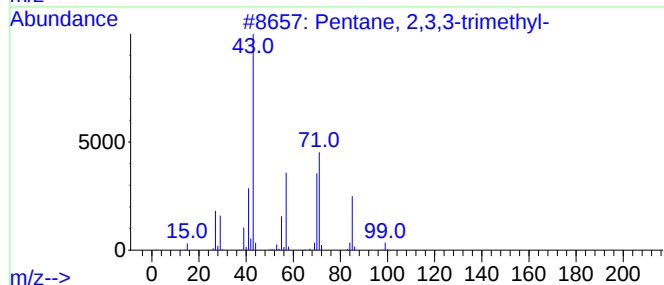
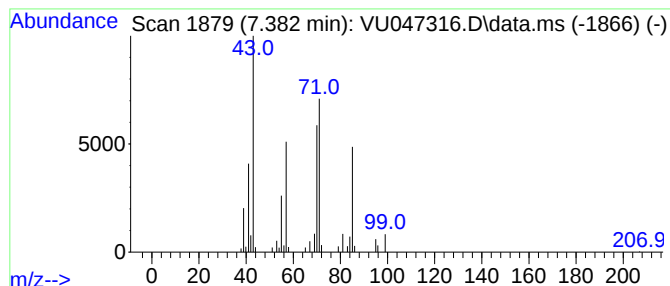
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.382	1.02 ug/L	65271	1,4-Difluorobenzene	6.250

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2			Octane, 4-methyl-	128	C9H20	002216-34-4	78
3			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
4			Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	53
5			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
Data File : VU047316.D
Acq On : 03 Mar 2022 15:35
Operator : SY/MD
Sample : N1773-03DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

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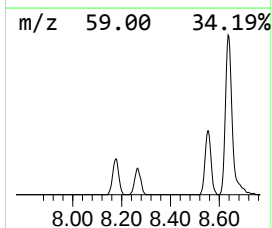
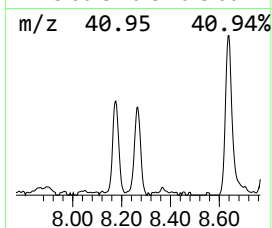
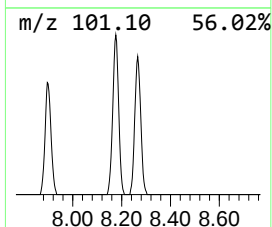
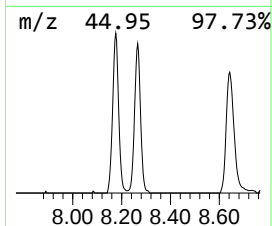
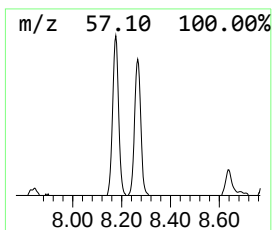
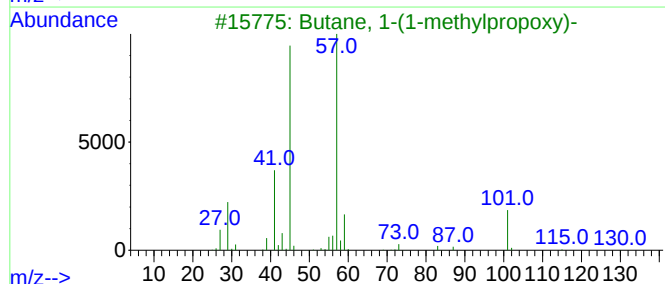
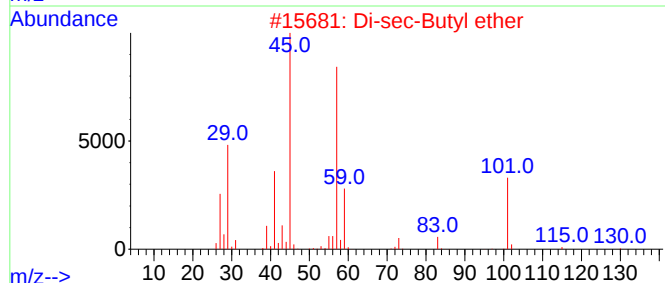
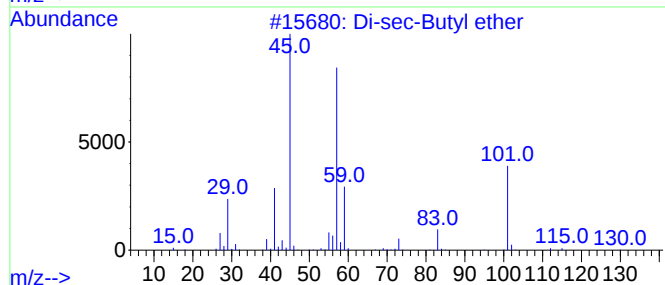
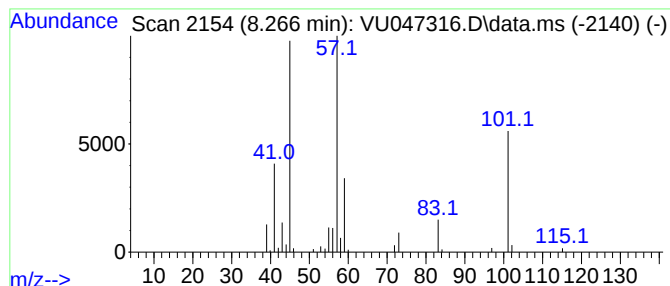
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 Di-sec-Butyl ether Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.266	0.95 ug/L	74972	Chlorobenzene-d5	9.417

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Di-sec-Butyl ether	130	C8H18O	006863-58-7	72
2			Di-sec-Butyl ether	130	C8H18O	006863-58-7	59
3			Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	56
4			Di-sec-Butyl ether	130	C8H18O	006863-58-7	53
5			DL-Lactamide, butyl ether	145	C7H15NO2	1000452-56-5	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
Data File : VU047316.D
Acq On : 03 Mar 2022 15:35
Operator : SY/MD
Sample : N1773-03DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

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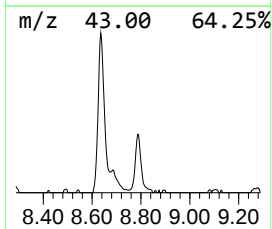
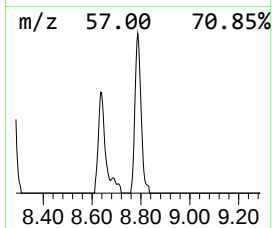
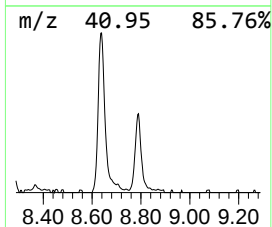
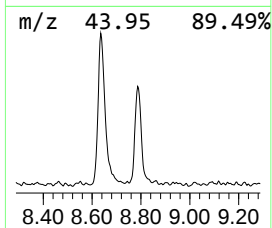
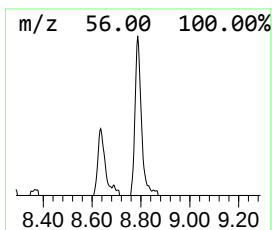
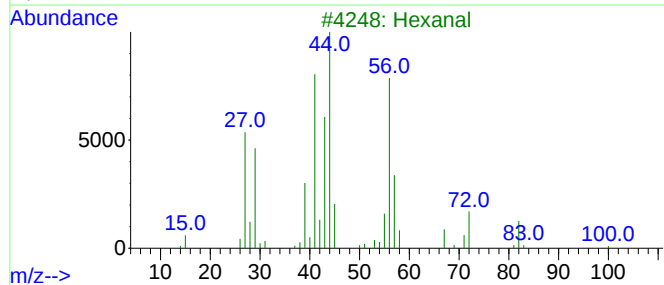
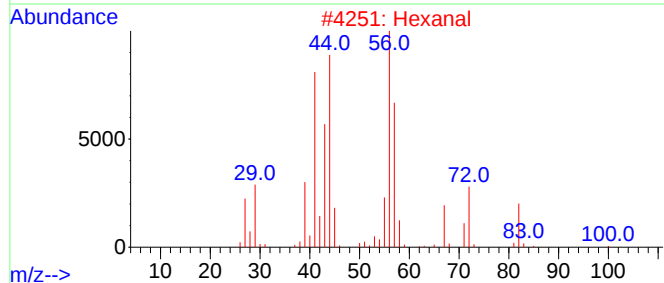
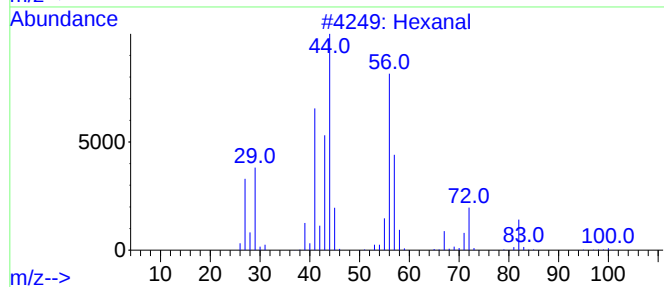
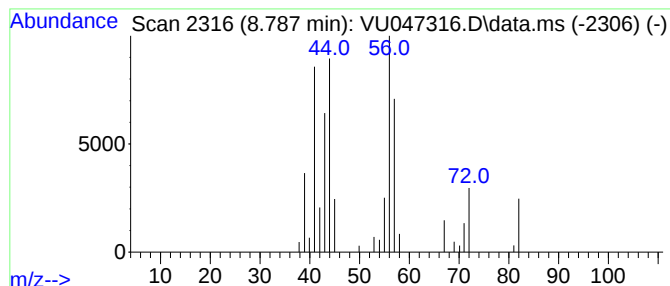
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 Hexanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.787	0.59 ug/L	46401	Chlorobenzene-d5	9.417

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	78
2	Hexanal			100	C6H12O	000066-25-1	74
3	Hexanal			100	C6H12O	000066-25-1	72
4	Hexanal			100	C6H12O	000066-25-1	56
5	Hexanal			100	C6H12O	000066-25-1	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
Data File : VU047316.D
Acq On : 03 Mar 2022 15:35
Operator : SY/MD
Sample : N1773-03DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY11DL

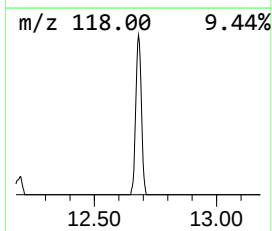
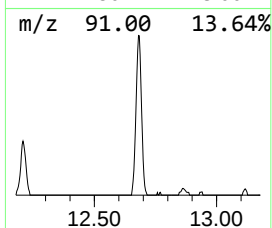
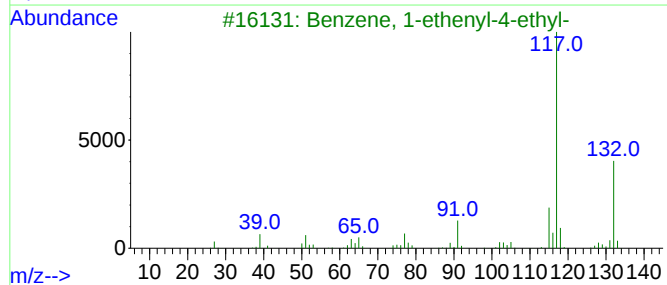
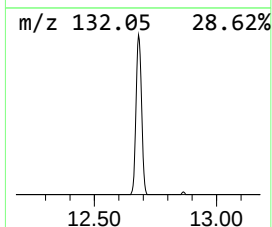
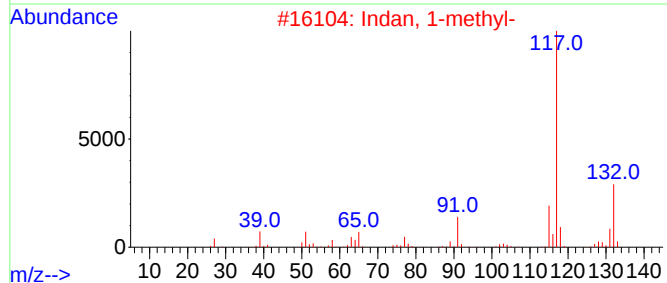
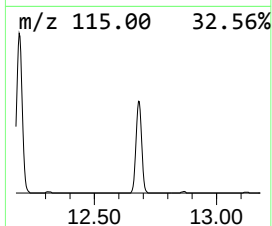
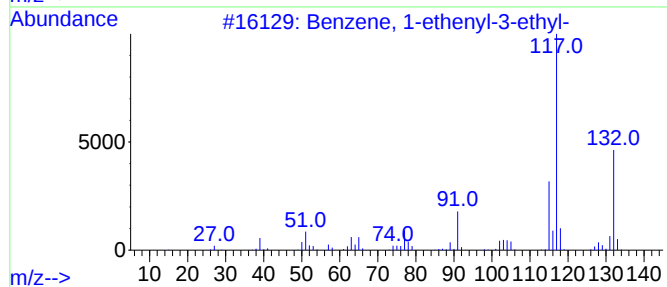
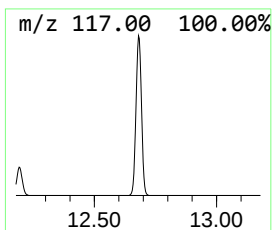
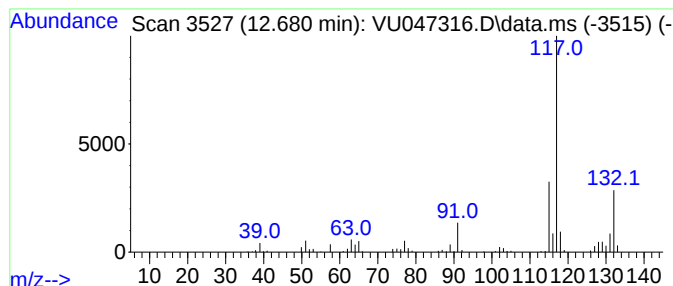
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 11 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.680	2.02 ug/L	195742	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
2			Indan, 1-methyl-	132	C10H12	000767-58-8	90
3			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
4			1-Phenyl-1-butene	132	C10H12	000824-90-8	87
5			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
Data File : VU047316.D
Acq On : 03 Mar 2022 15:35
Operator : SY/MD
Sample : N1773-03DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

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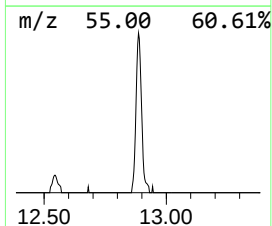
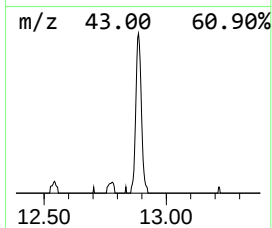
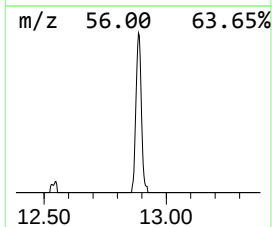
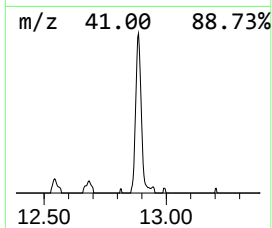
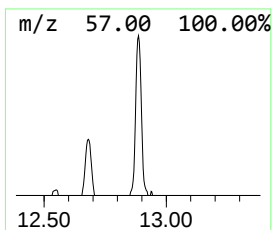
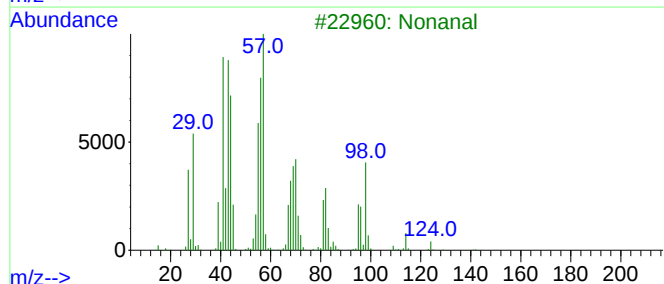
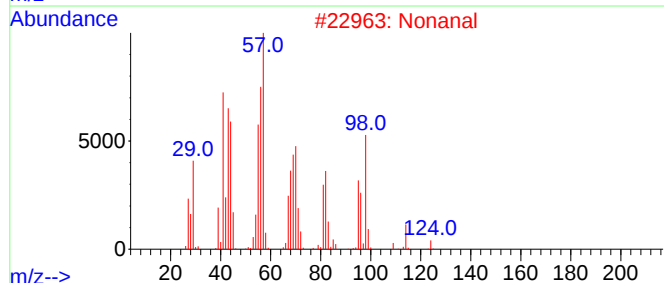
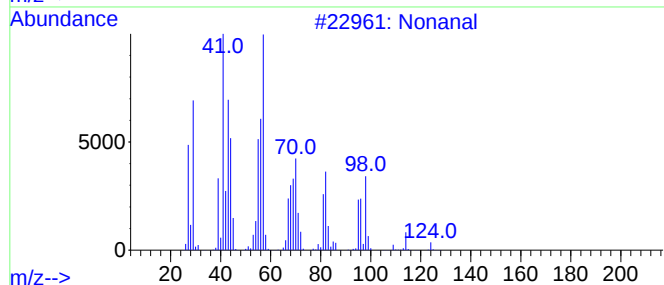
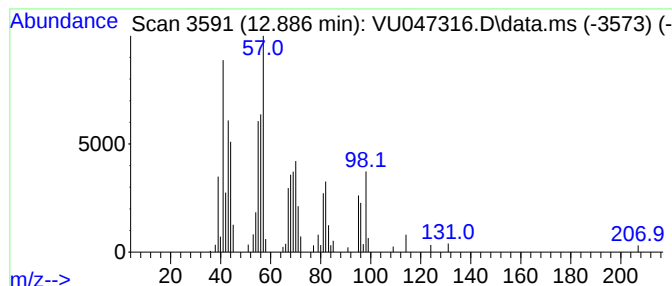
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 12 Nonanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	0.71 ug/L	68280	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonanal	142	C9H18O	000124-19-6	90
2			Nonanal	142	C9H18O	000124-19-6	87
3			Nonanal	142	C9H18O	000124-19-6	86
4			Nonanal	142	C9H18O	000124-19-6	80
5			Cyclohexanol, 2-methyl-, cis-	114	C7H14O	007443-70-1	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
 Data File : VU047316.D
 Acq On : 03 Mar 2022 15:35
 Operator : SY/MD
 Sample : N1773-03DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY11DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.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...	1.999	0.7	ug/L	44431	1	6.250	318977	5.0
(DEL) Alkane: S...	3.047	0.8	ug/L	47790	1	6.250	318977	5.0
unknown-01	3.144	0.8	ug/L	48176	1	6.250	318977	5.0
(DEL) Alkane: S...	5.465	0.5	ug/L	32921	1	6.250	318977	5.0
(DEL) Alkane: S...	5.899	1.1	ug/L	70376	1	6.250	318977	5.0
(DEL) Alkane: S...	7.256	0.5	ug/L	34334	1	6.250	318977	5.0
(DEL) Alkane: S...	7.382	1.0	ug/L	65271	1	6.250	318977	5.0
Di-sec-Butyl ether	8.266	0.9	ug/L	74972	2	9.417	394022	5.0
Hexanal	8.787	0.6	ug/L	46401	2	9.417	394022	5.0
Benzene, 1-ethe...	12.680	2.0	ug/L	195742	3	11.812	483953	5.0
Nonanal	12.886	0.7	ug/L	68280	3	11.812	483953	5.0