

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
 Data File : VU047334.D
 Acq On : 04 Mar 2022 17:07
 Operator : SY/MD
 Sample : N1773-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY14

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\SFAMUTR030422WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU047334.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.366	3	8	29	rVB	1304505	1335967	99.62%	8.375%
2	1.498	43	49	56	rBV	53835	53345	3.98%	0.334%
3	1.600	71	81	99	rBV2	483575	824851	61.51%	5.171%
4	1.674	99	104	113	rVB	24077	27330	2.04%	0.171%
5	1.748	115	127	144	rBV2	76272	110116	8.21%	0.690%
6	1.932	174	184	200	rBV2	85120	131747	9.82%	0.826%
7	2.015	202	210	222	rVB	37486	52218	3.89%	0.327%
8	2.173	250	259	267	rBV	103788	140626	10.49%	0.882%
9	2.224	267	275	300	rVB4	62069	122781	9.16%	0.770%
10	2.337	303	310	318	rBV	11838	15746	1.17%	0.099%
11	2.430	331	339	349	rVB3	29402	43736	3.26%	0.274%
12	2.584	376	387	401	rBV2	174891	310411	23.15%	1.946%
13	3.591	690	700	716	rVB5	17623	41084	3.06%	0.258%
14	4.494	973	981	1002	rVB2	17798	48330	3.60%	0.303%
15	4.742	1044	1058	1109	rVB	58283	280220	20.89%	1.757%
16	5.079	1149	1163	1184	rVB	121626	275220	20.52%	1.725%
17	5.739	1349	1368	1381	rBV2	272322	623259	46.47%	3.907%
18	6.041	1455	1462	1478	rVB10	5877	13563	1.01%	0.085%
19	6.279	1522	1536	1557	rVB	240927	465136	34.68%	2.916%
20	6.449	1575	1589	1600	rBV5	6425	15403	1.15%	0.097%
21	6.565	1613	1625	1639	rVB4	16422	34403	2.57%	0.216%
22	6.722	1660	1674	1694	rBV	151248	295425	22.03%	1.852%
23	6.919	1721	1735	1748	rBV	78106	164841	12.29%	1.033%
24	7.295	1838	1852	1855	rBV7	13390	34189	2.55%	0.214%
25	7.584	1933	1942	1956	rVB	86143	147134	10.97%	0.922%
26	7.912	2033	2044	2056	rBV	299850	515999	38.48%	3.235%
27	7.983	2058	2066	2079	rVB	80922	135984	10.14%	0.852%
28	8.195	2123	2132	2143	rBV	54979	88363	6.59%	0.554%
29	8.484	2215	2222	2236	rVB	16046	29115	2.17%	0.183%
30	8.565	2237	2247	2259	rVB	58203	98734	7.36%	0.619%
31	8.655	2262	2275	2296	rBV	408963	781137	58.25%	4.897%
32	8.803	2310	2321	2343	rVB	787405	1341102	100.00%	8.407%
33	9.423	2502	2514	2536	rBV	340534	571083	42.58%	3.580%
34	9.574	2554	2561	2571	rBV2	8224	13771	1.03%	0.086%
35	9.697	2591	2599	2612	rBV	15461	25048	1.87%	0.157%
36	9.777	2617	2624	2639	rVB2	11260	18532	1.38%	0.116%

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 Title : TRACE VOA SFAM1.0

37	10.108	2717	2727	2743	rVB5	11349	24692	1.84%	0.155%
38	10.275	2773	2779	2787	rBV	16269	24016	1.79%	0.151%
39	10.349	2790	2802	2826	rVB	521978	858410	64.01%	5.381%
40	10.761	2917	2930	2945	rBV	138390	229341	17.10%	1.438%
41	10.896	2956	2972	2983	rBV	31351	56957	4.25%	0.357%
42	11.259	3075	3085	3089	rBV	22229	33104	2.47%	0.208%
43	11.298	3089	3097	3108	rVB	109600	171993	12.82%	1.078%
44	11.430	3130	3138	3143	rBV2	18956	29804	2.22%	0.187%
45	11.471	3143	3151	3167	rVB	102759	157994	11.78%	0.990%
46	11.571	3175	3182	3190	rBV2	9741	17010	1.27%	0.107%
47	11.687	3205	3218	3232	rBV	620839	935601	69.76%	5.865%
48	11.812	3246	3257	3273	rVB	420715	658037	49.07%	4.125%
49	12.063	3323	3335	3337	rBV2	14935	20080	1.50%	0.126%
50	12.195	3363	3376	3387	rBV	337223	538826	40.18%	3.378%
51	12.542	3472	3484	3502	rBV2	111303	211341	15.76%	1.325%
52	12.680	3518	3527	3542	rVB	17910	30123	2.25%	0.189%
53	12.774	3545	3556	3577	rBV4	25478	68354	5.10%	0.428%
54	12.886	3577	3591	3618	rVB	865666	1253749	93.49%	7.860%
55	13.632	3813	3823	3831	rBV2	27591	47597	3.55%	0.298%
56	13.684	3832	3839	3853	rVB2	41101	67374	5.02%	0.422%
57	13.883	3891	3901	3915	rVB6	30078	59933	4.47%	0.376%
58	13.983	3921	3932	3950	rVB	103203	156935	11.70%	0.984%
59	14.086	3950	3964	3974	rBV	8711	16545	1.23%	0.104%
60	14.208	3990	4002	4022	rBV	10563	20473	1.53%	0.128%
61	14.352	4029	4047	4063	rBV6	11595	28261	2.11%	0.177%
62	14.732	4152	4165	4180	rBV	272572	422876	31.53%	2.651%
63	14.995	4238	4247	4256	rBV6	10446	16312	1.22%	0.102%
64	15.127	4280	4288	4297	rBV2	14521	22649	1.69%	0.142%
65	15.368	4350	4363	4375	rBV	91380	152508	11.37%	0.956%
66	15.706	4456	4468	4486	rBV4	31815	59070	4.40%	0.370%
67	16.886	4822	4835	4850	rBV2	195186	336096	25.06%	2.107%

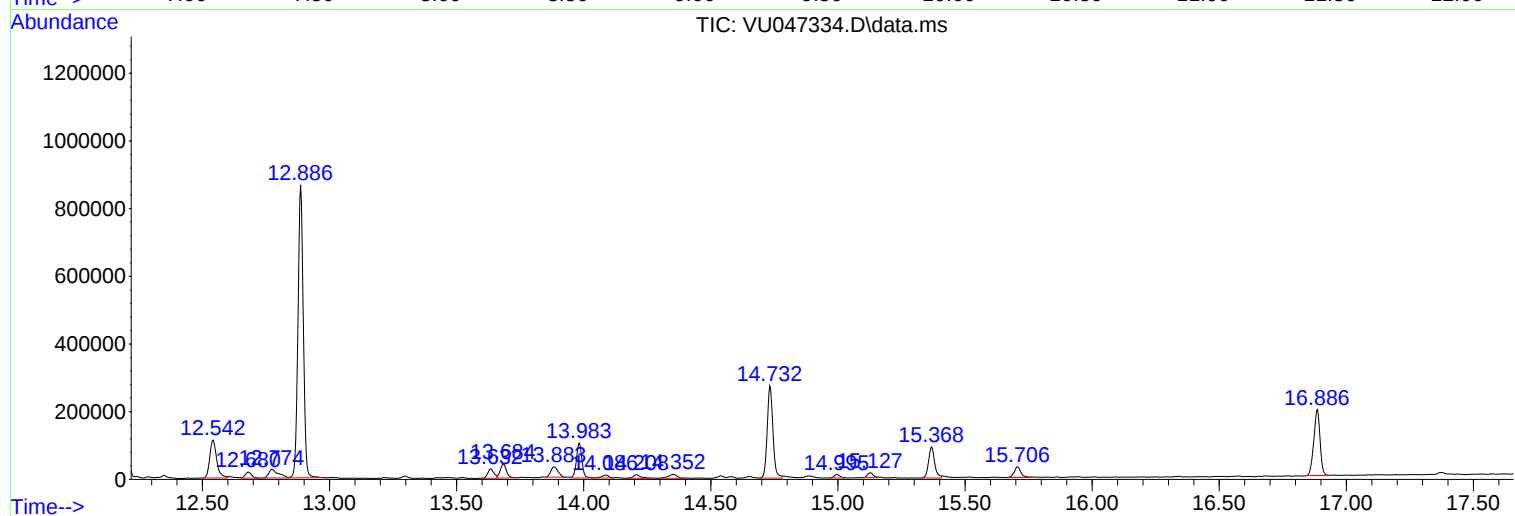
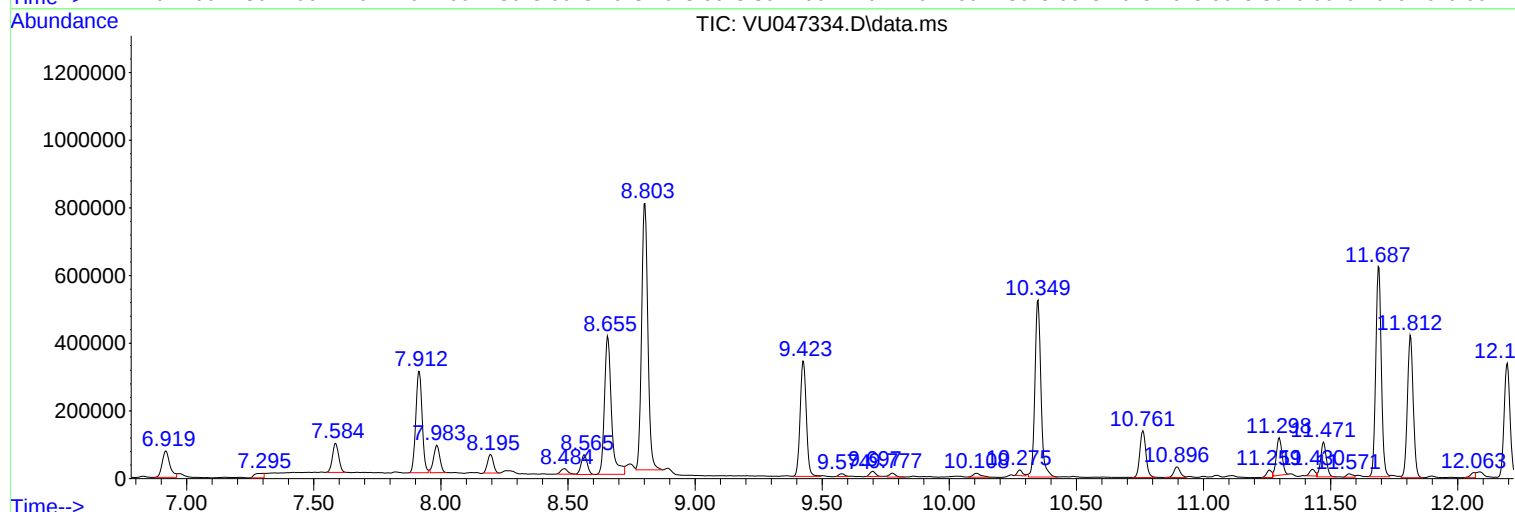
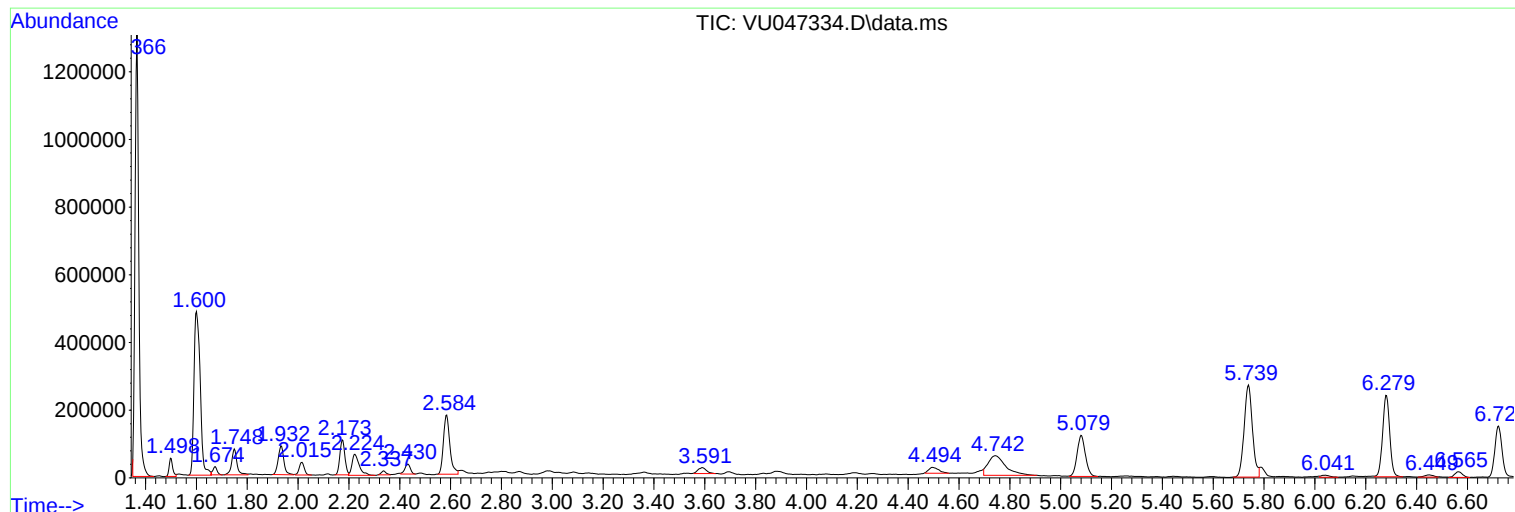
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY14

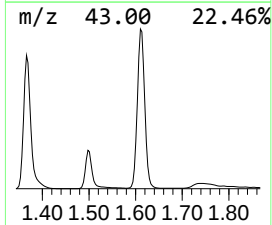
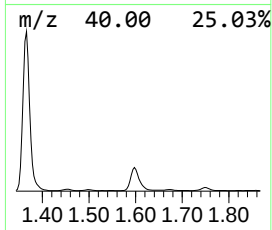
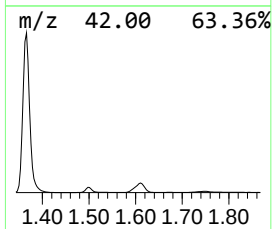
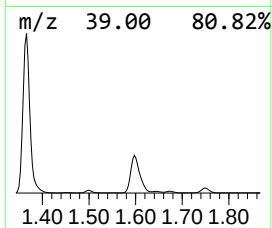
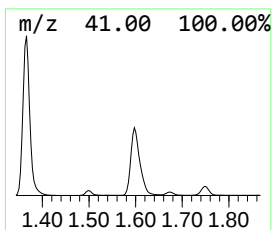
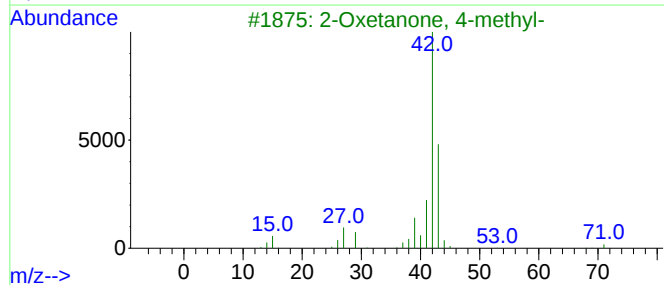
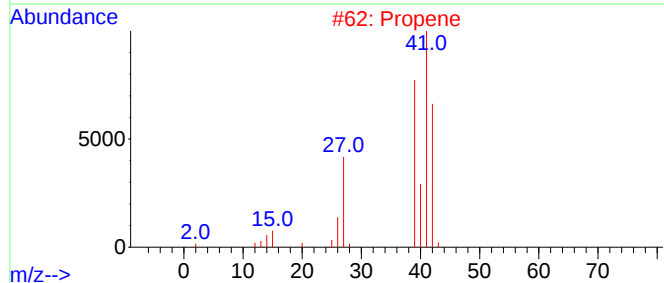
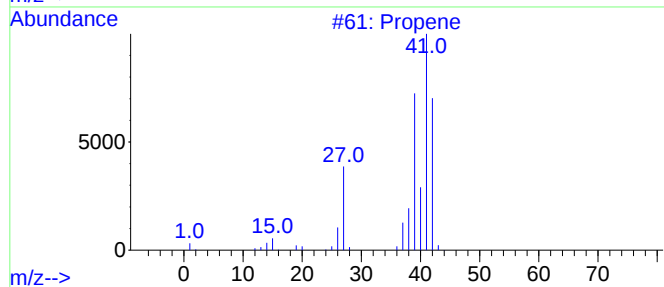
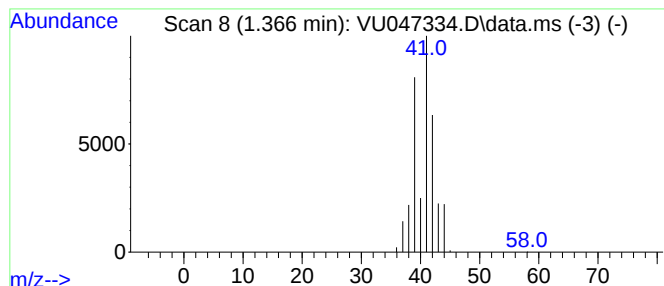
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Quant Title : TRACE VOA SFAM1.0

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.
1.366	14.36 ug/L	1335970	1,4-Difluorobenzene	6.282

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			2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	9
4			Cyclopropane	42	C3H6	000075-19-4	9
5			Cyclopropene	40	C3H4	002781-85-3	9



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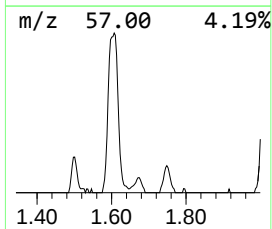
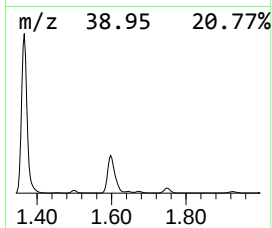
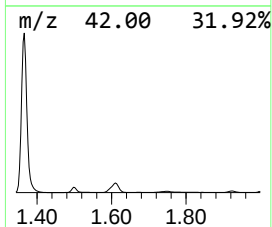
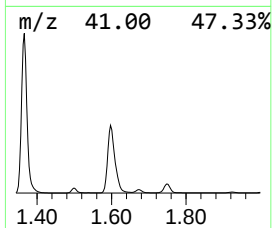
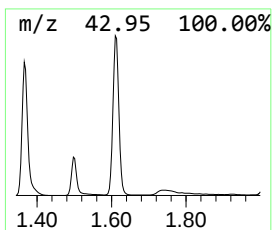
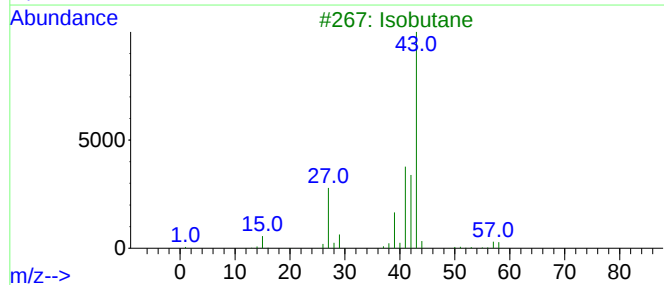
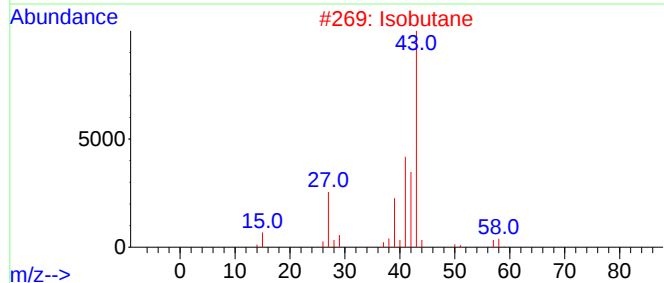
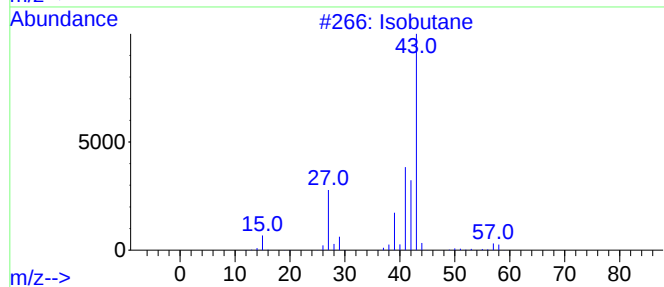
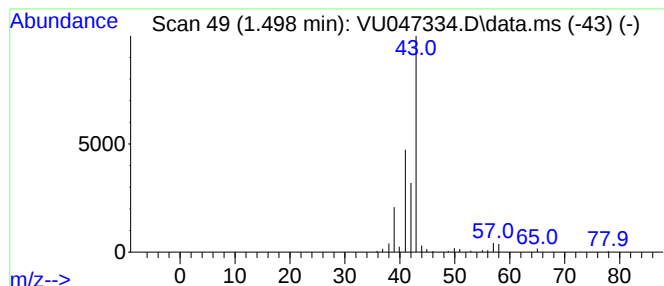
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.498	0.57 ug/L	53345	1,4-Difluorobenzene	6.282

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Isobutane	58	C4H10	000075-28-5	72
2		Isobutane	58	C4H10	000075-28-5	64
3		Isobutane	58	C4H10	000075-28-5	64
4		Isobutane	58	C4H10	000075-28-5	64
5		Isobutane	58	C4H10	000075-28-5	53



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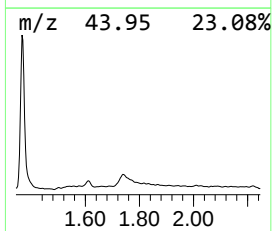
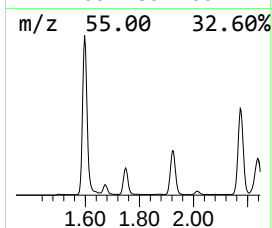
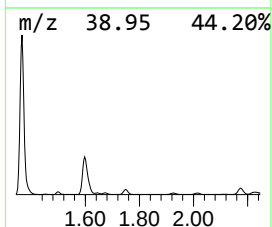
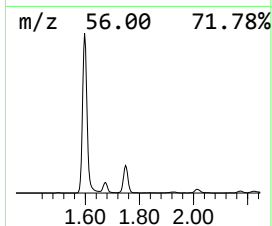
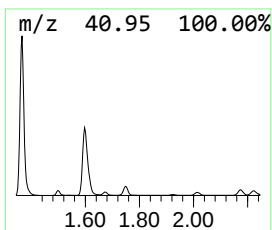
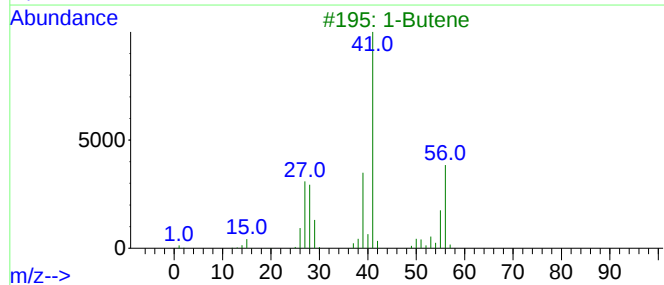
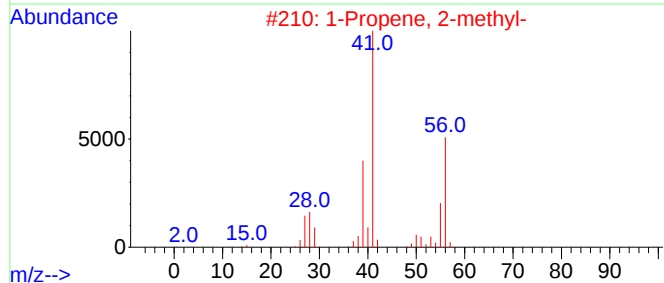
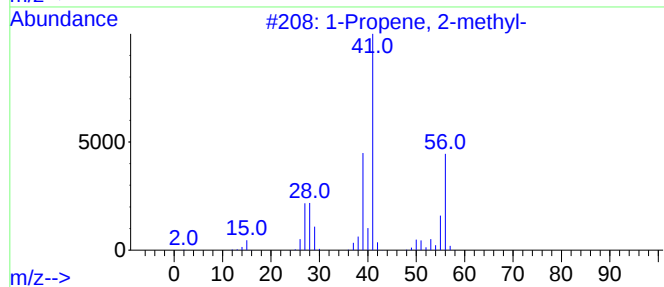
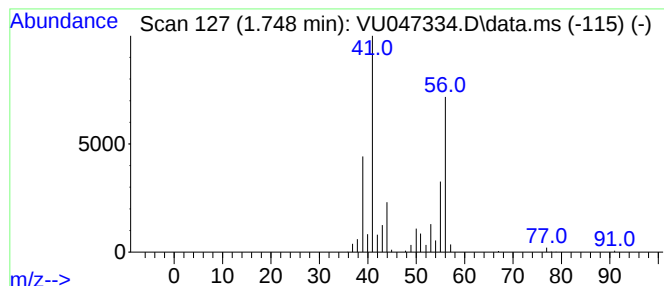
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.748	1.18 ug/L	110116	1,4-Difluorobenzene	6.282

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-		56	C4H8	000115-11-7	74
2	1-Propene, 2-methyl-		56	C4H8	000115-11-7	64
3	1-Butene		56	C4H8	000106-98-9	64
4	2-Butene, (Z)-		56	C4H8	000590-18-1	62
5	1-Propene, 2-methyl-		56	C4H8	000115-11-7	59



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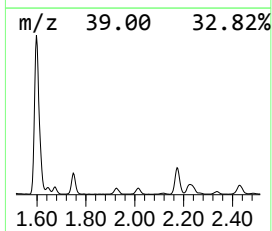
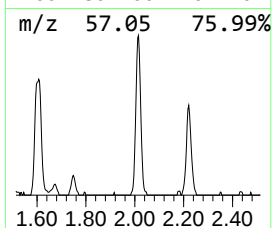
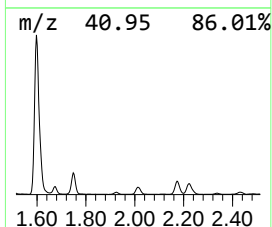
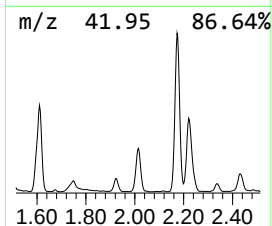
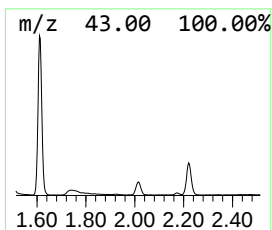
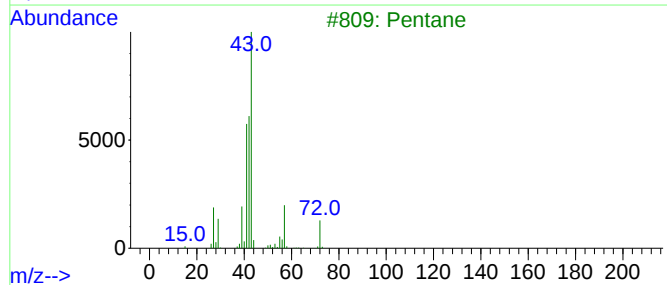
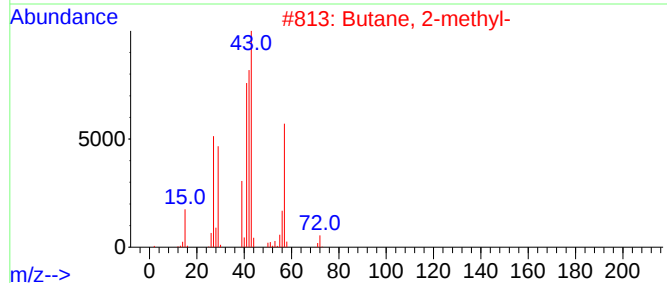
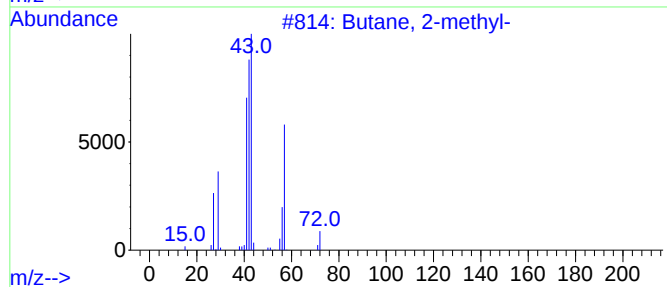
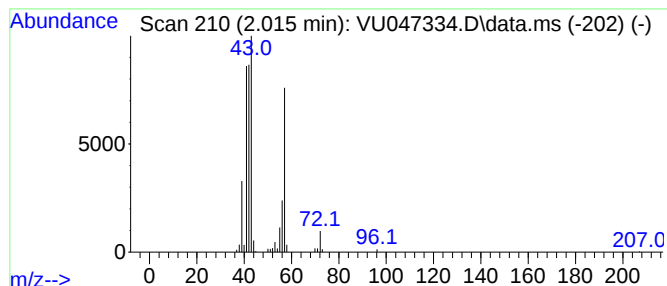
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.015	0.56 ug/L	52218	1,4-Difluorobenzene	6.282

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	72
3			Pentane	72	C5H12	000109-66-0	40
4			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	33
5			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	33



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
Data File : VU047334.D
Acq On : 04 Mar 2022 17:07
Operator : SY/MD
Sample : N1773-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

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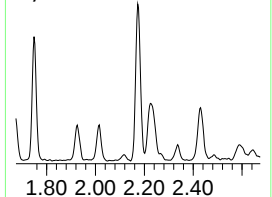
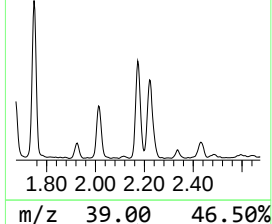
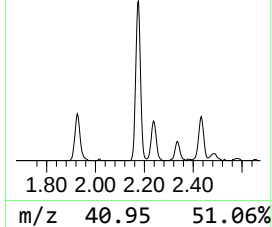
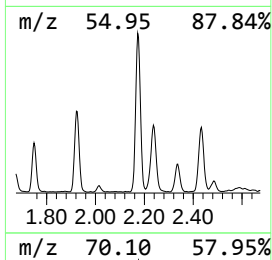
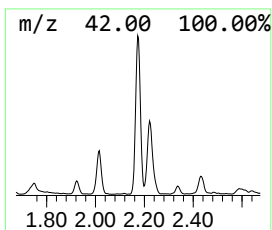
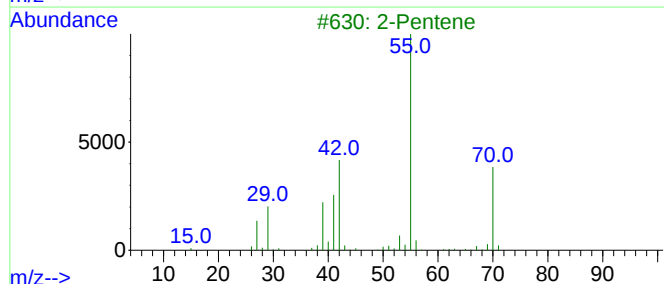
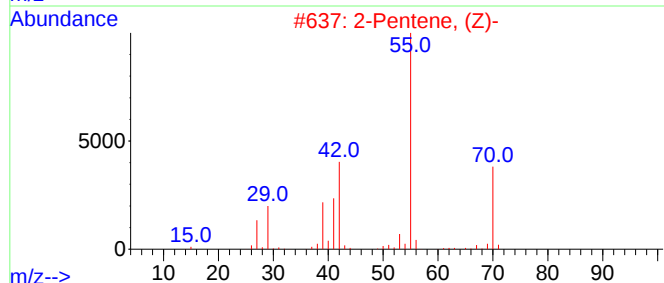
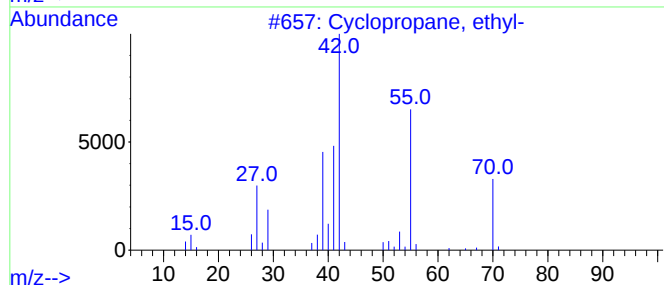
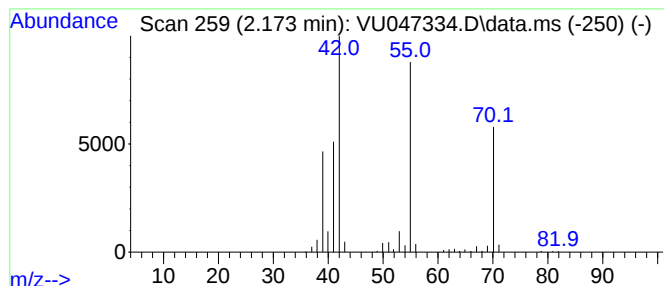
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 (DEL) Alkane: Cyclic2.173 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.173	1.51 ug/L	140626	1,4-Difluorobenzene	6.282

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, ethyl-	70	C5H10	001191-96-4	91
2			2-Pentene, (Z)-	70	C5H10	000627-20-3	83
3			2-Pentene	70	C5H10	000109-68-2	80
4			Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	76
5			1-Pentene	70	C5H10	000109-67-1	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
Data File : VU047334.D
Acq On : 04 Mar 2022 17:07
Operator : SY/MD
Sample : N1773-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

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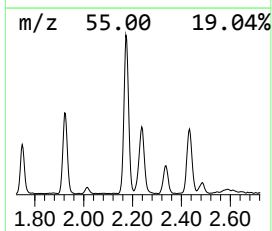
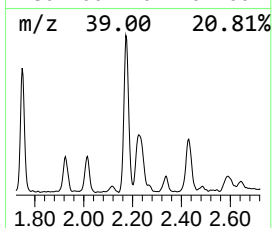
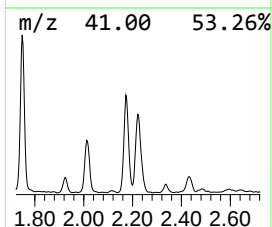
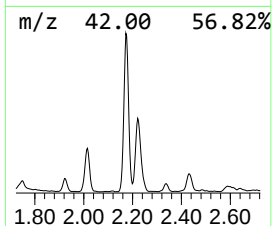
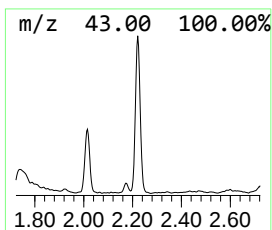
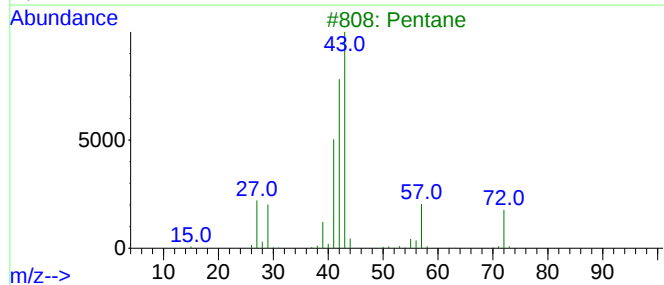
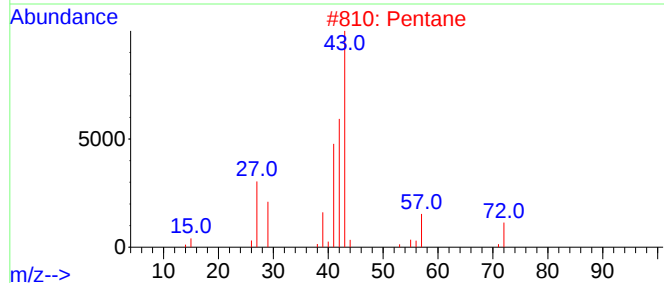
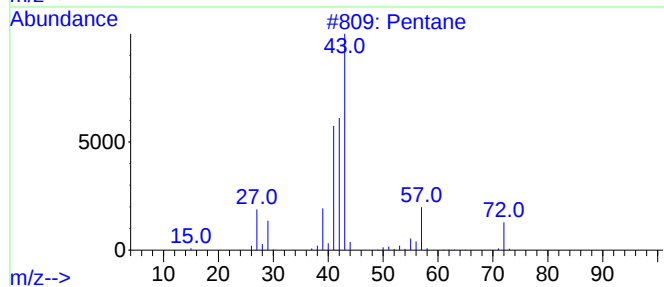
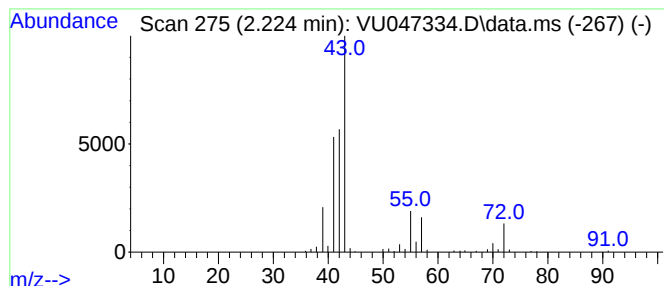
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.224	1.32 ug/L	122781	1,4-Difluorobenzene	6.282

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane			72	C5H12	000109-66-0	90
2	Pentane			72	C5H12	000109-66-0	80
3	Pentane			72	C5H12	000109-66-0	80
4	Pentane			72	C5H12	000109-66-0	72
5	Pentane			72	C5H12	000109-66-0	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
Data File : VU047334.D
Acq On : 04 Mar 2022 17:07
Operator : SY/MD
Sample : N1773-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

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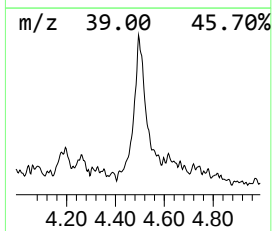
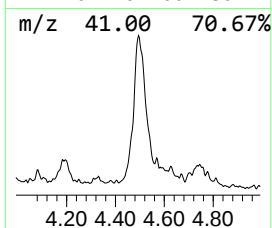
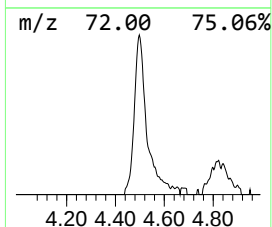
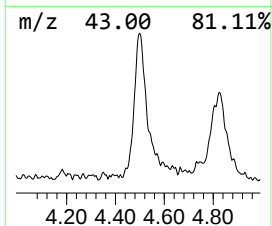
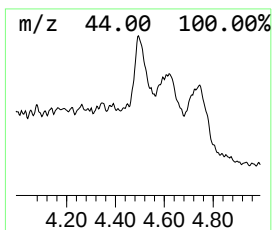
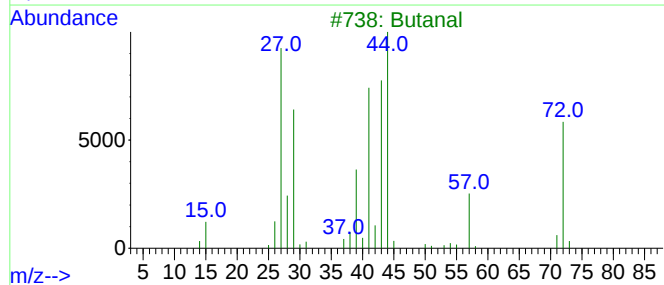
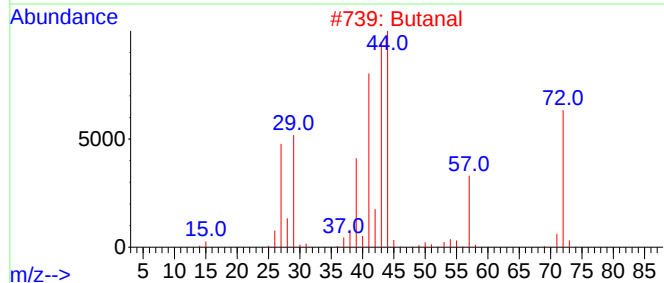
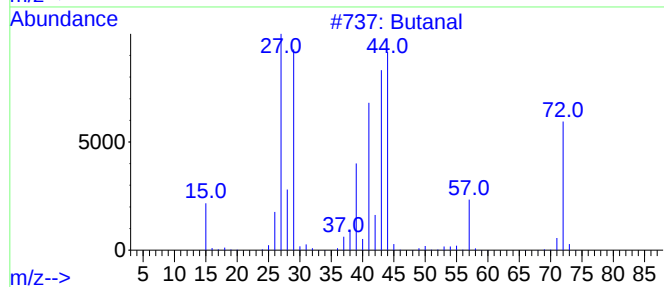
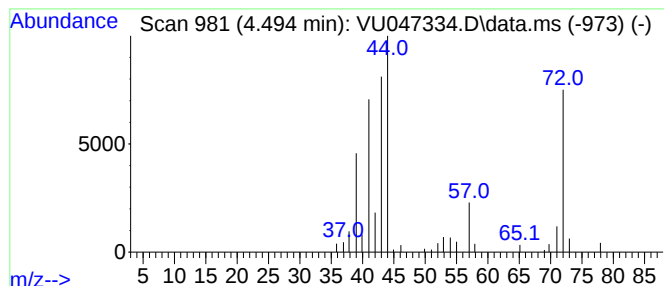
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 Butanal Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.494	0.52 ug/L	48330	1,4-Difluorobenzene	6.282

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal			72	C4H8O	000123-72-8	91
2	Butanal			72	C4H8O	000123-72-8	91
3	Butanal			72	C4H8O	000123-72-8	74
4	Butanal			72	C4H8O	000123-72-8	72
5	Butanal			72	C4H8O	000123-72-8	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
Data File : VU047334.D
Acq On : 04 Mar 2022 17:07
Operator : SY/MD
Sample : N1773-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY14

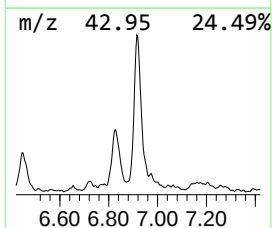
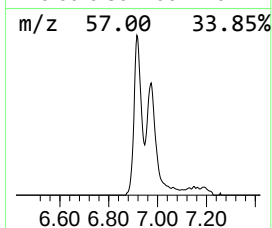
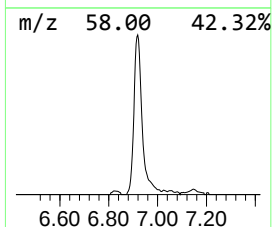
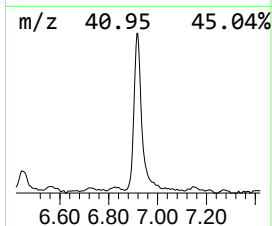
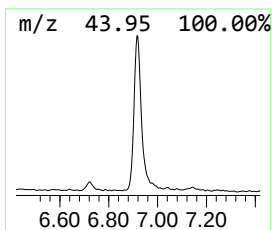
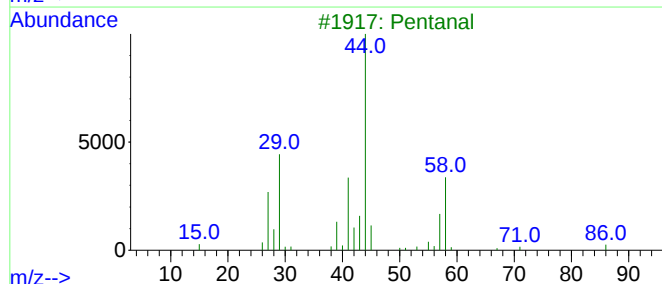
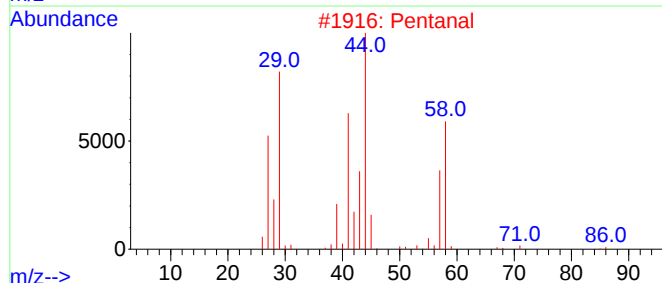
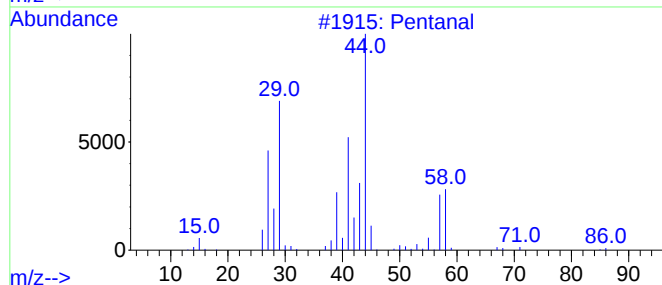
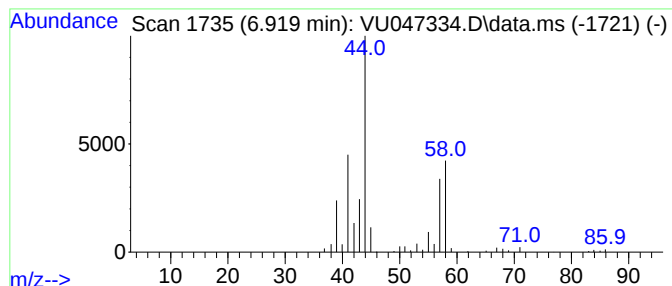
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 Pentanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.919	1.77 ug/L	164841	1,4-Difluorobenzene	6.282

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal			86	C5H10O	000110-62-3	86
2	Pentanal			86	C5H10O	000110-62-3	86
3	Pentanal			86	C5H10O	000110-62-3	74
4	Butanal, 3-methyl-			86	C5H10O	000590-86-3	74
5	Pentanal			86	C5H10O	000110-62-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
Data File : VU047334.D
Acq On : 04 Mar 2022 17:07
Operator : SY/MD
Sample : N1773-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

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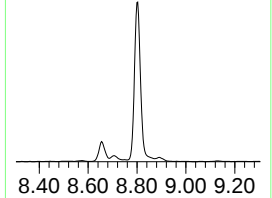
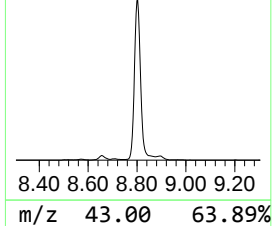
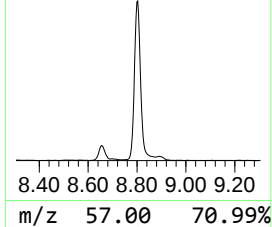
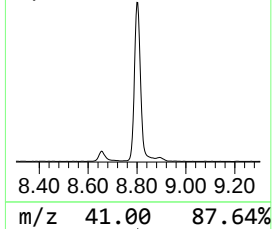
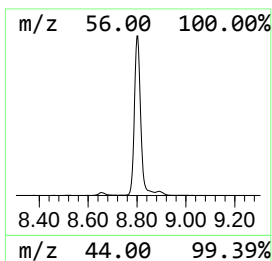
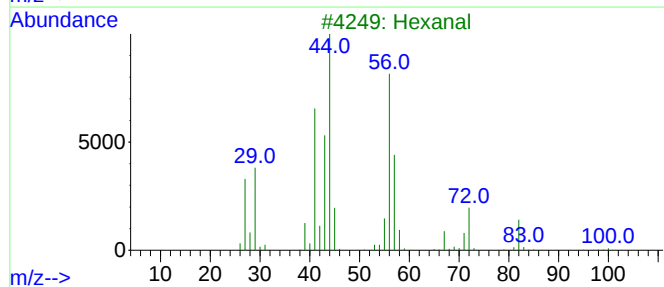
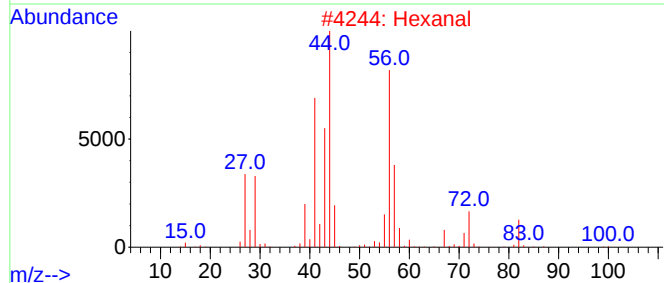
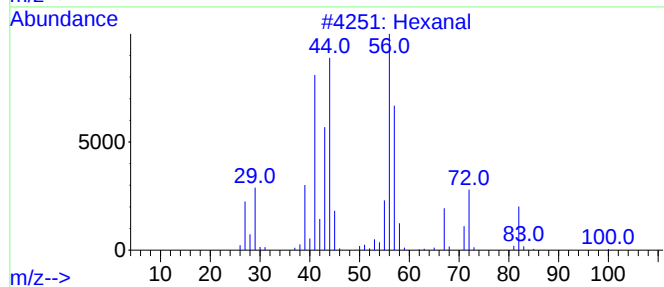
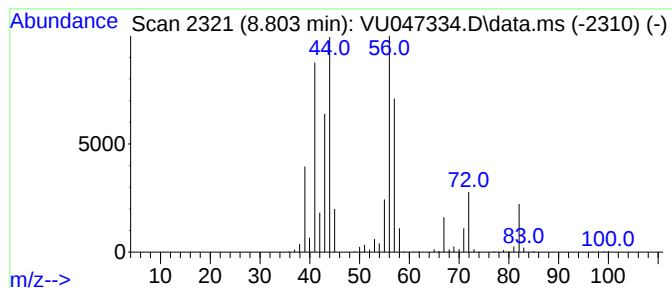
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.803	11.74 ug/L	1341100	Chlorobenzene-d5	9.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	94
2	Hexanal			100	C6H12O	000066-25-1	87
3	Hexanal			100	C6H12O	000066-25-1	74
4	Hexanal			100	C6H12O	000066-25-1	72
5	Hexanal			100	C6H12O	000066-25-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
Data File : VU047334.D
Acq On : 04 Mar 2022 17:07
Operator : SY/MD
Sample : N1773-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

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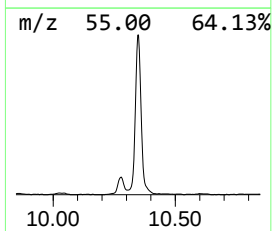
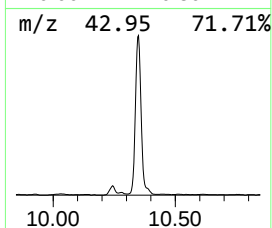
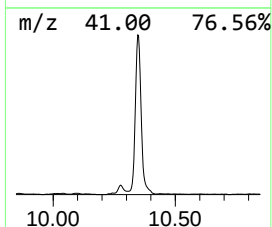
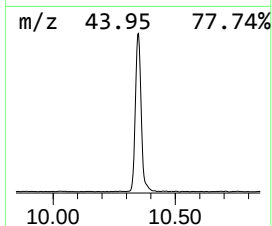
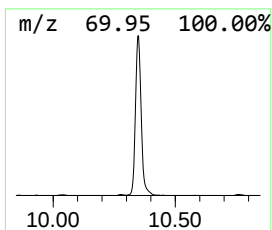
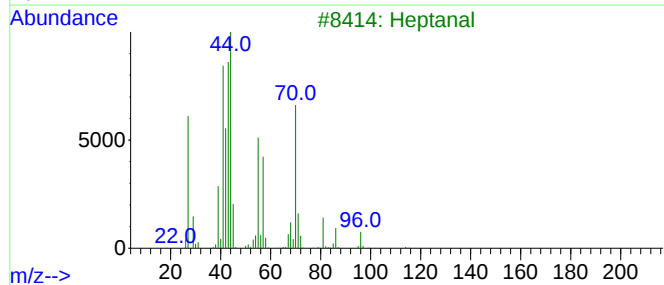
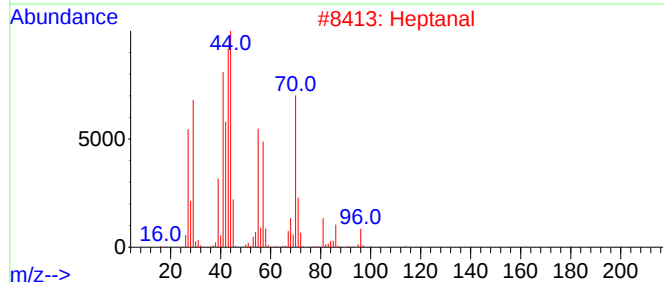
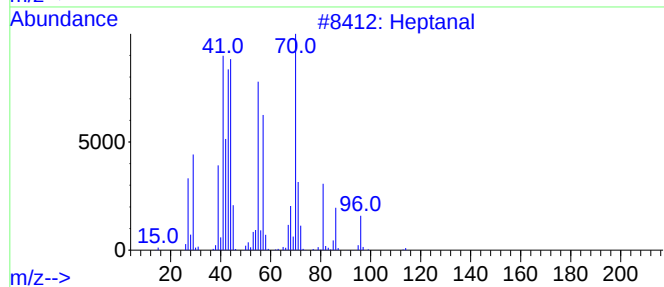
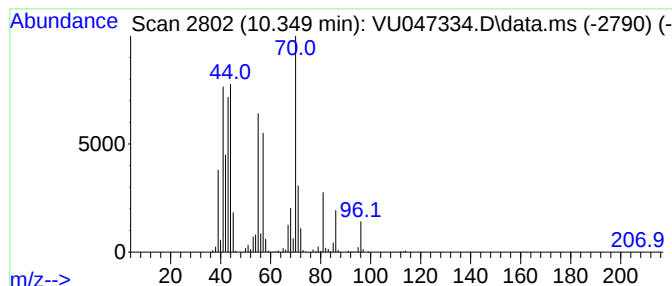
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 11 Heptanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.349	7.52 ug/L	858410	Chlorobenzene-d5	9.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptanal	114	C7H14O	000111-71-7	97
2			Heptanal	114	C7H14O	000111-71-7	96
3			Heptanal	114	C7H14O	000111-71-7	95
4			Heptanal	114	C7H14O	000111-71-7	78
5			Heptanal	114	C7H14O	000111-71-7	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
Data File : VU047334.D
Acq On : 04 Mar 2022 17:07
Operator : SY/MD
Sample : N1773-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY14

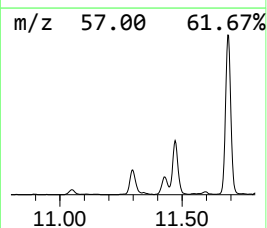
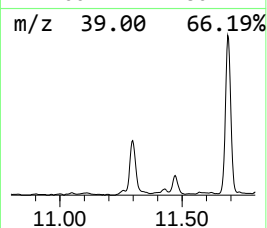
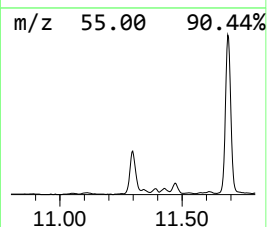
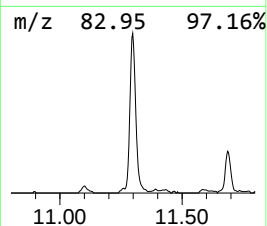
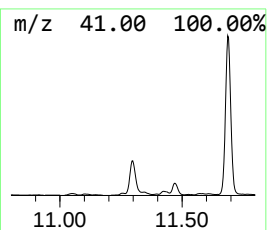
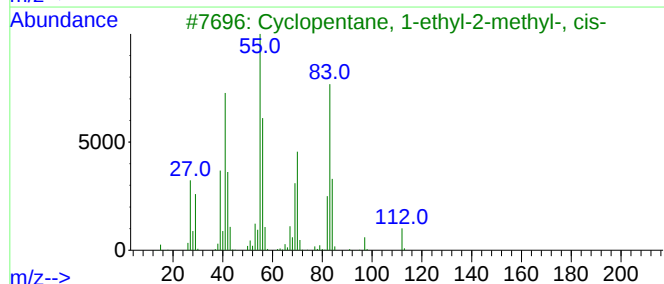
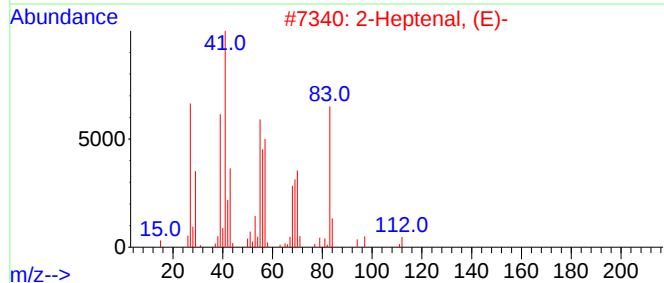
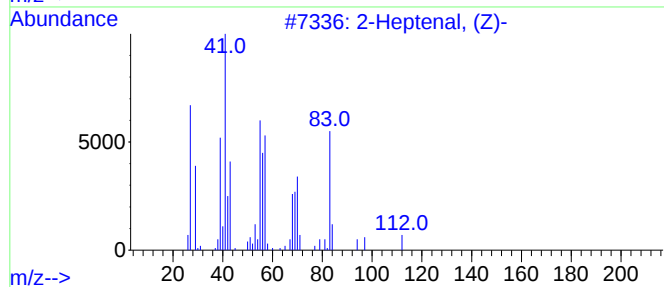
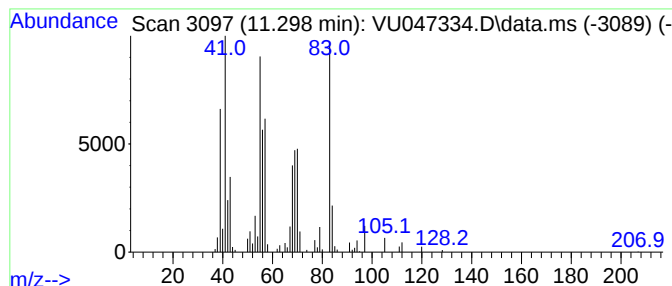
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 12 2-Heptenal, (Z)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.298	1.31 ug/L	171993	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Heptenal, (Z)-	112	C7H12O	057266-86-1	95
2			2-Heptenal, (E)-	112	C7H12O	018829-55-5	81
3			Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	52
4			5-Methyl-1-heptanol	130	C8H18O	007212-53-5	47
5			Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
Data File : VU047334.D
Acq On : 04 Mar 2022 17:07
Operator : SY/MD
Sample : N1773-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY14

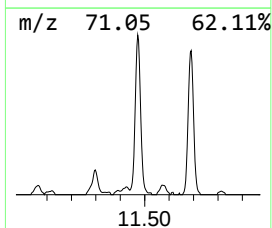
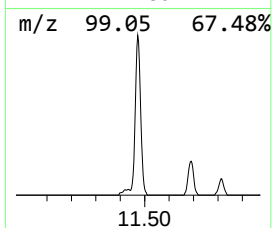
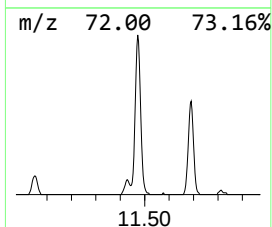
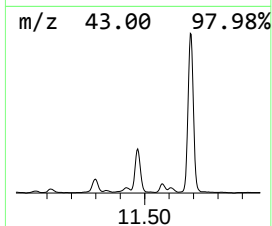
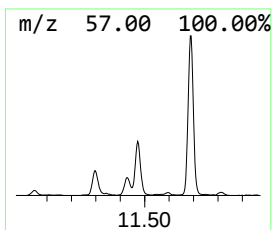
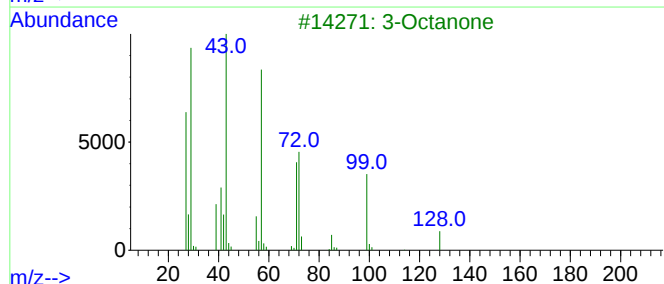
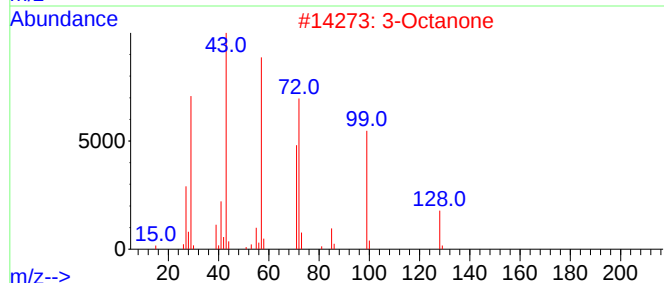
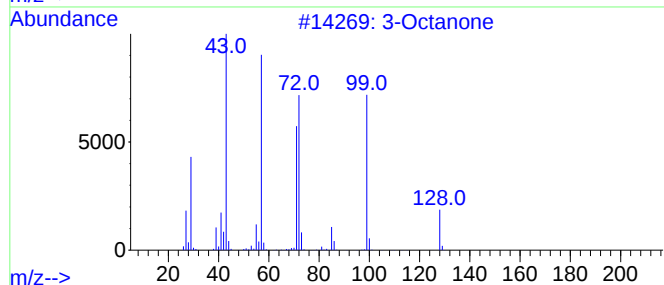
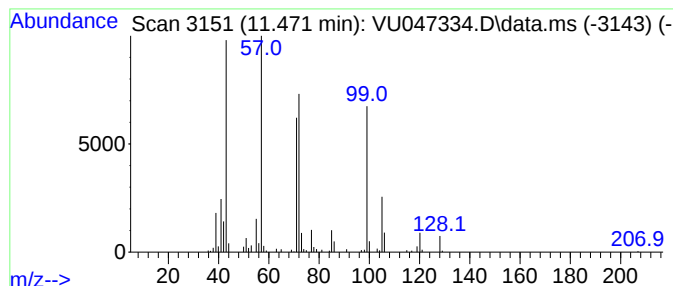
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 13 3-Octanone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.472	1.20 ug/L	157994	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Octanone	128	C8H16O	000106-68-3	95
2			3-Octanone	128	C8H16O	000106-68-3	87
3			3-Octanone	128	C8H16O	000106-68-3	83
4			3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	50
5			Butanal, 2-ethyl-	100	C6H12O	000097-96-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
Data File : VU047334.D
Acq On : 04 Mar 2022 17:07
Operator : SY/MD
Sample : N1773-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY14

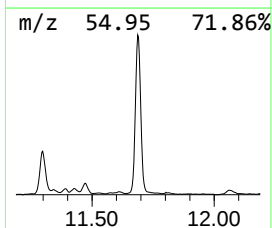
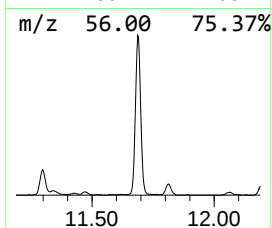
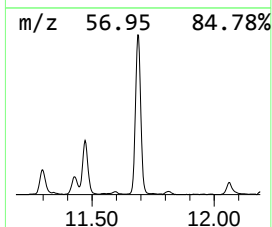
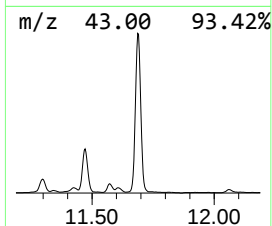
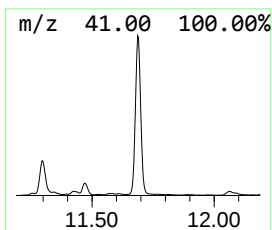
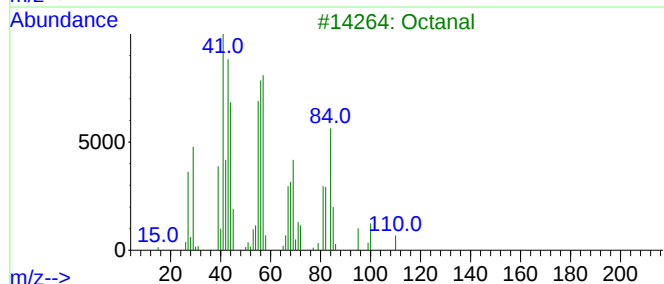
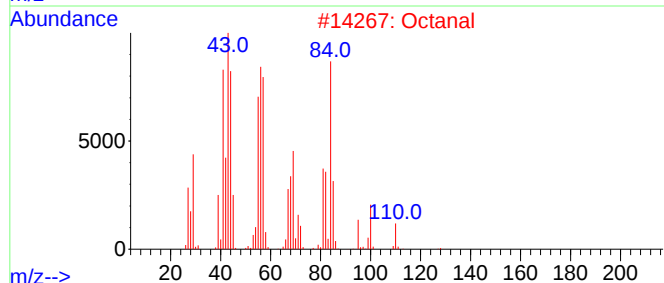
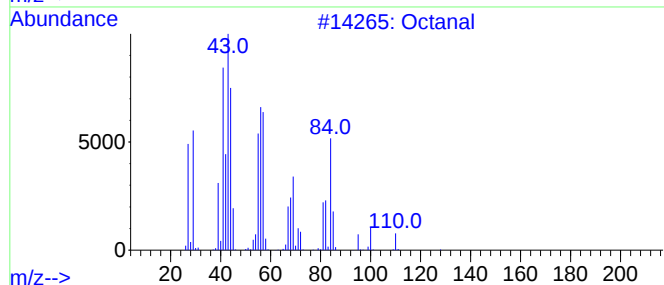
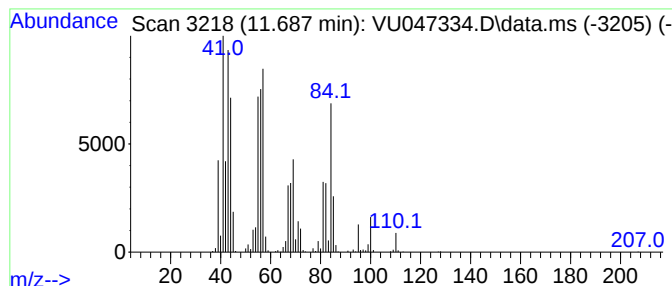
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 14 Octanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.687	7.11 ug/L	935601	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	93
2	Octanal			128	C8H16O	000124-13-0	93
3	Octanal			128	C8H16O	000124-13-0	91
4	Octanal			128	C8H16O	000124-13-0	86
5	Octanal			128	C8H16O	000124-13-0	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
Data File : VU047334.D
Acq On : 04 Mar 2022 17:07
Operator : SY/MD
Sample : N1773-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

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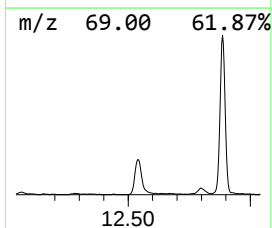
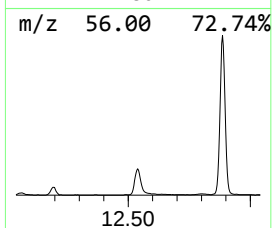
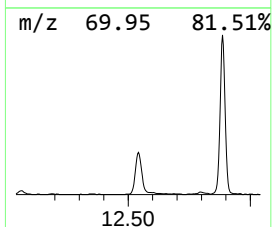
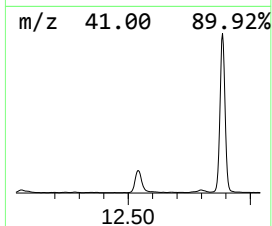
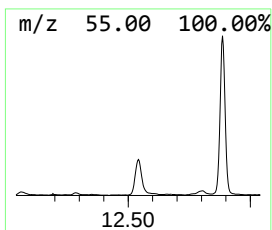
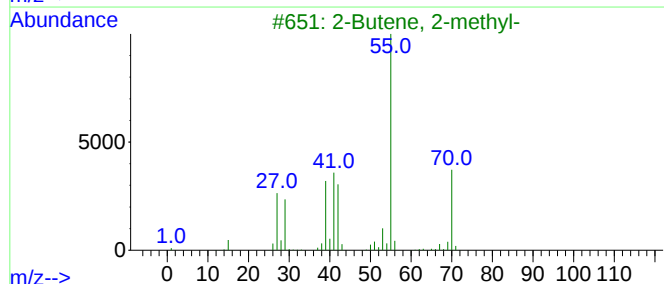
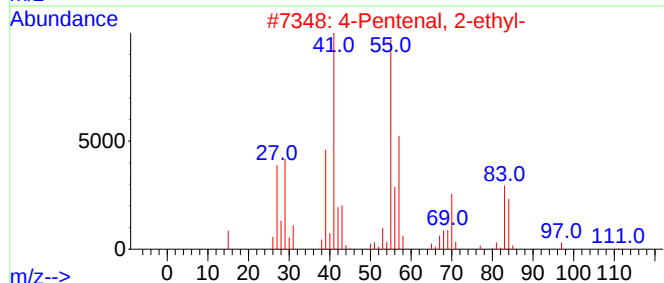
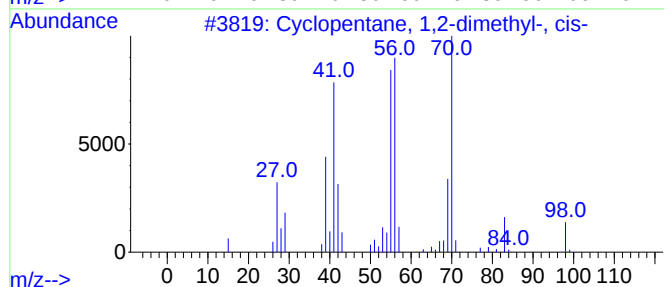
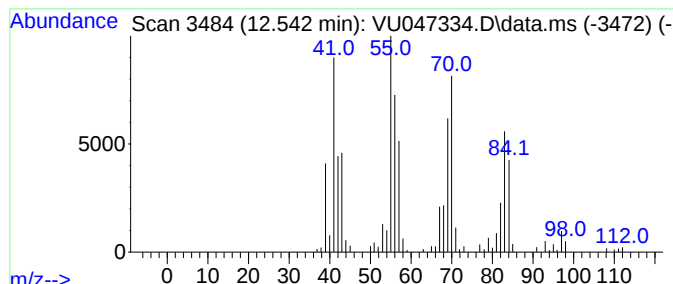
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 15 (DEL) Alkane: Cyclic12.542 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.542	1.61 ug/L	211341	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	38
2			4-Pentenal, 2-ethyl-	112	C7H12O	005204-80-8	35
3			2-Butene, 2-methyl-	70	C5H10	000513-35-9	30
4			Pentane, 2-cyclopropyl-	112	C8H16	005458-16-2	27
5			2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
Data File : VU047334.D
Acq On : 04 Mar 2022 17:07
Operator : SY/MD
Sample : N1773-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

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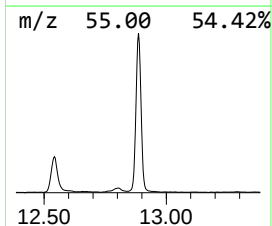
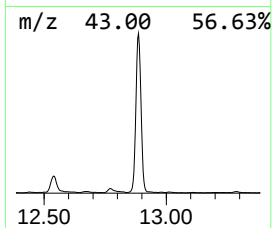
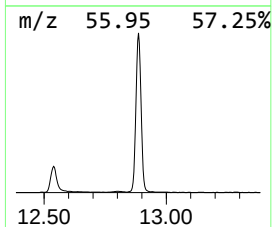
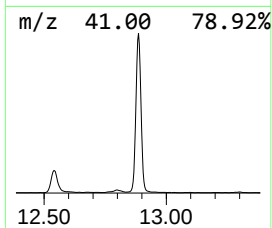
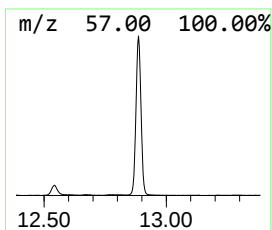
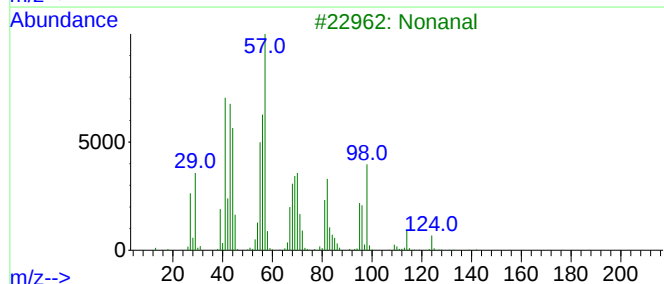
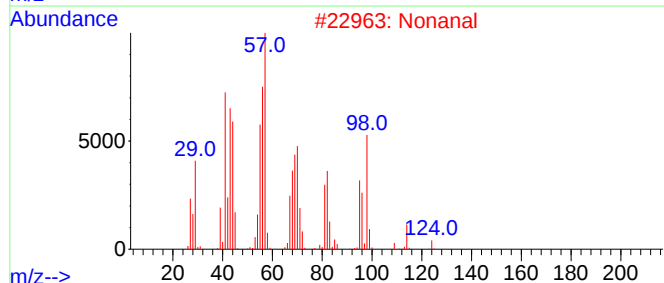
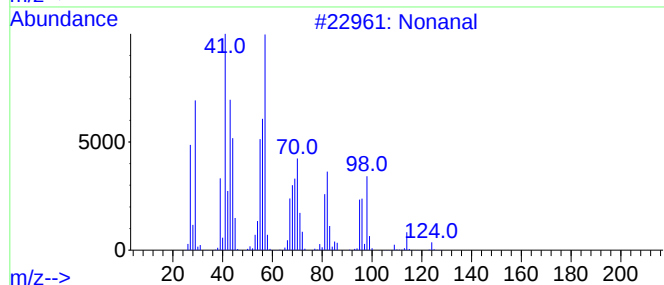
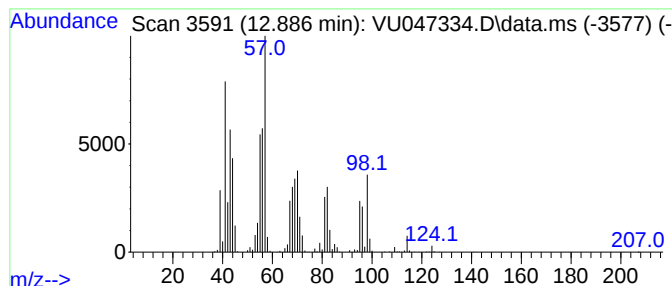
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 17 Nonanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	9.53 ug/L	1253750	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonanal	142	C9H18O	000124-19-6	91
2			Nonanal	142	C9H18O	000124-19-6	91
3			Nonanal	142	C9H18O	000124-19-6	91
4			Nonanal	142	C9H18O	000124-19-6	83
5			Heptane, 2-chloro-	134	C7H15Cl	001001-89-4	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
Data File : VU047334.D
Acq On : 04 Mar 2022 17:07
Operator : SY/MD
Sample : N1773-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY14

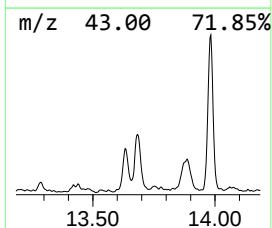
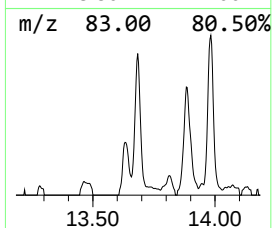
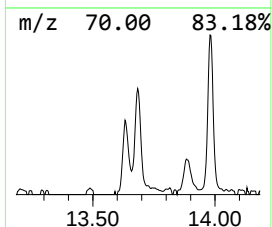
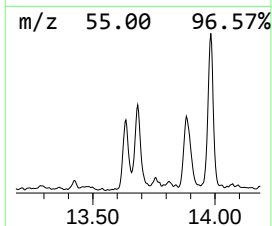
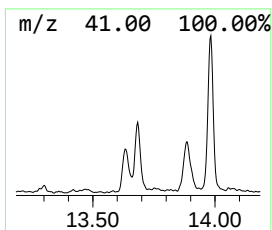
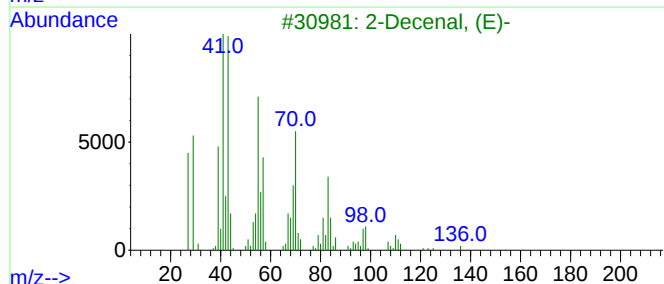
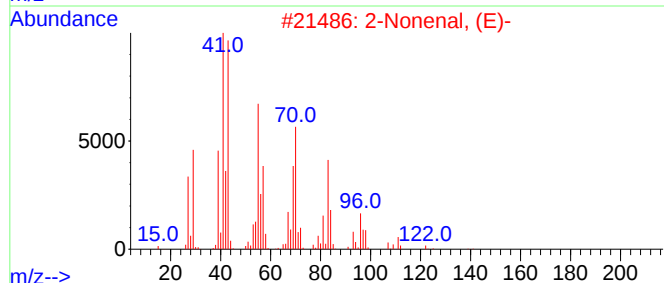
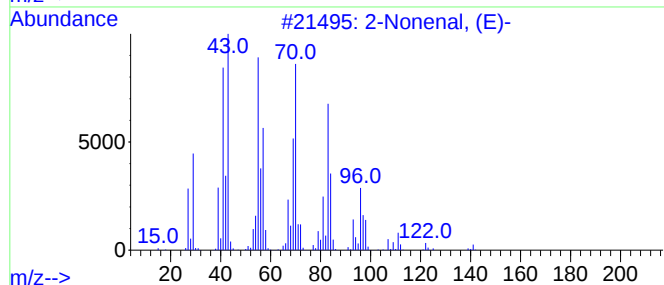
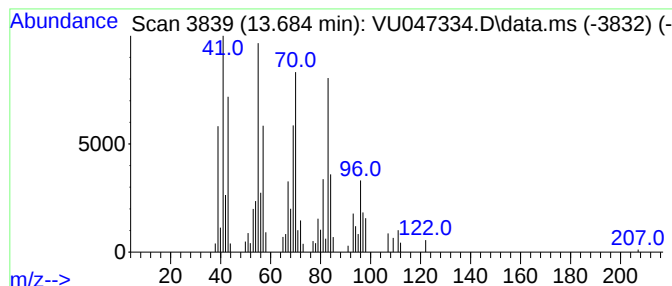
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 18 2-Nonenal, (E)- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.684	0.51 ug/L	67374	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Nonenal, (E)-	140	C9H16O	018829-56-6	86
2			2-Nonenal, (E)-	140	C9H16O	018829-56-6	78
3			2-Decenal, (E)-	154	C10H18O	003913-81-3	50
4			2-Methylene cyclopentanol	98	C6H10O	020461-31-8	43
5			2-n-Butylacrolein	112	C7H12O	001070-66-2	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
Data File : VU047334.D
Acq On : 04 Mar 2022 17:07
Operator : SY/MD
Sample : N1773-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY14

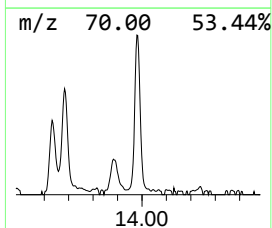
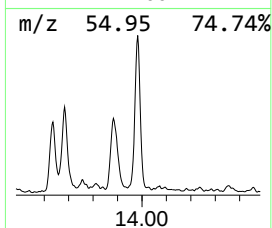
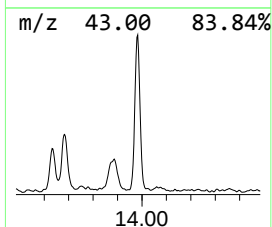
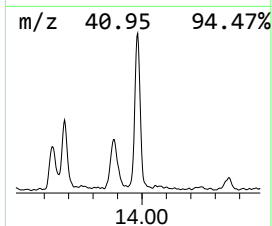
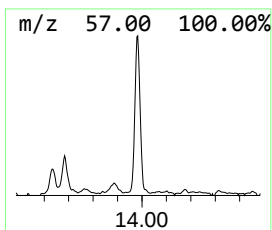
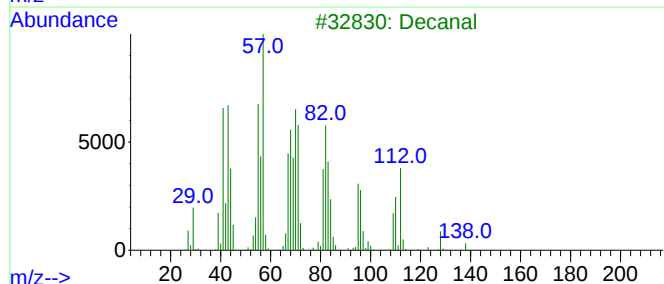
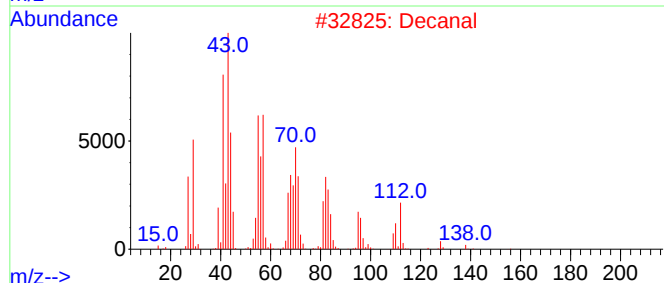
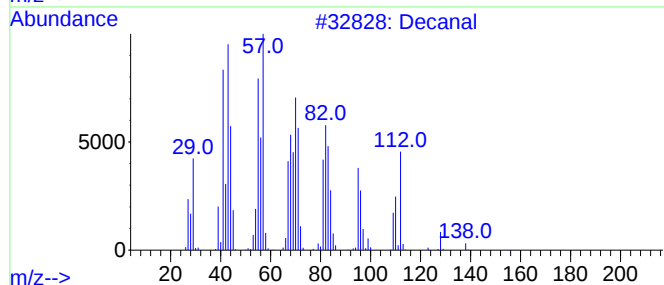
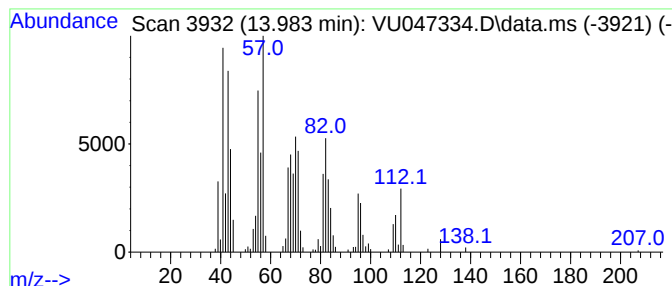
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 19 Decanal Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.983	1.19 ug/L	156935	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanal			156	C10H20O	000112-31-2	91
2	Decanal			156	C10H20O	000112-31-2	91
3	Decanal			156	C10H20O	000112-31-2	90
4	Decanal			156	C10H20O	000112-31-2	87
5	Decanal			156	C10H20O	000112-31-2	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
Data File : VU047334.D
Acq On : 04 Mar 2022 17:07
Operator : SY/MD
Sample : N1773-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY14

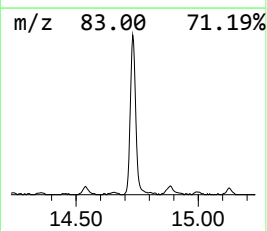
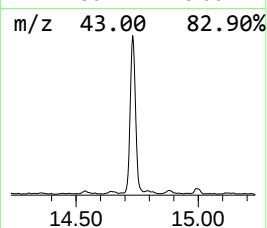
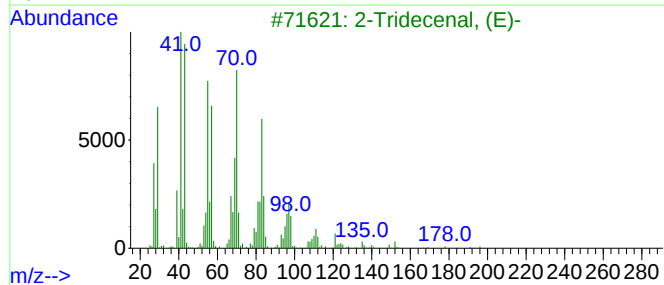
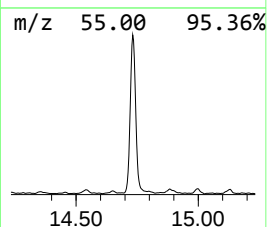
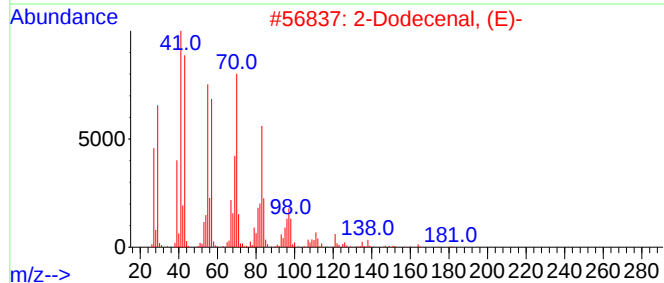
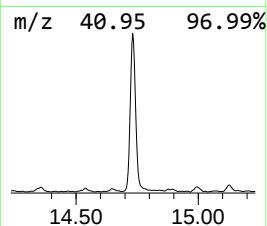
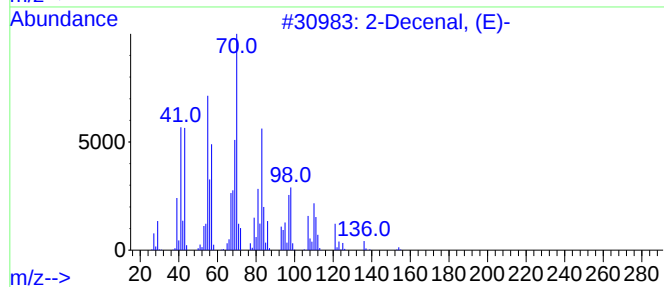
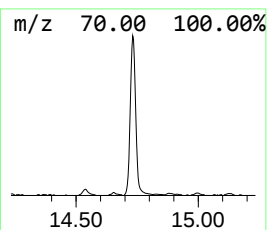
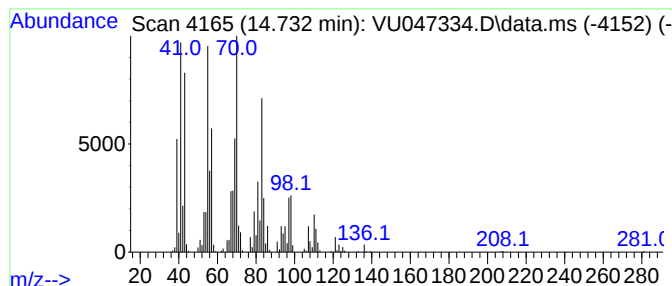
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 20 2-Decenal, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.732	3.21 ug/L	422876	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Decenal, (E)-	154	C10H18O	003913-81-3	90
2			2-Dodecenal, (E)-	182	C12H22O	020407-84-5	64
3			2-Tridecenal, (E)-	196	C13H24O	007069-41-2	59
4			2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	53
5			2-Octenal, (E)-	126	C8H14O	002548-87-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
Data File : VU047334.D
Acq On : 04 Mar 2022 17:07
Operator : SY/MD
Sample : N1773-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY14

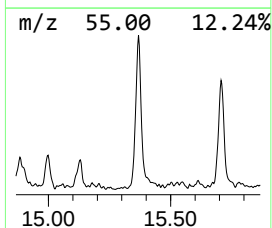
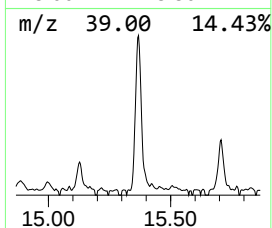
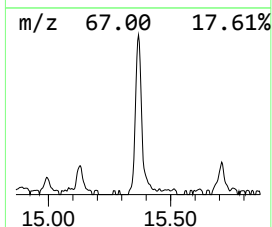
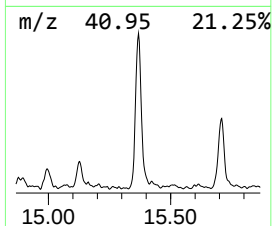
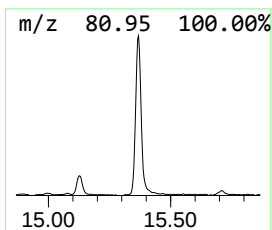
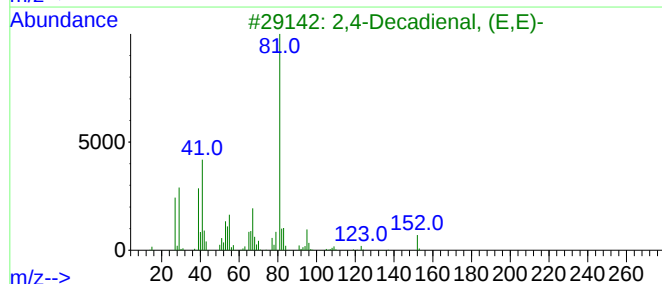
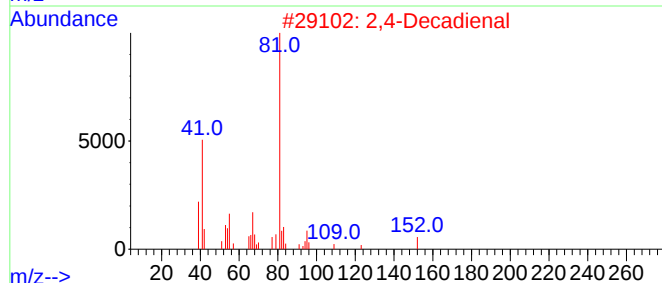
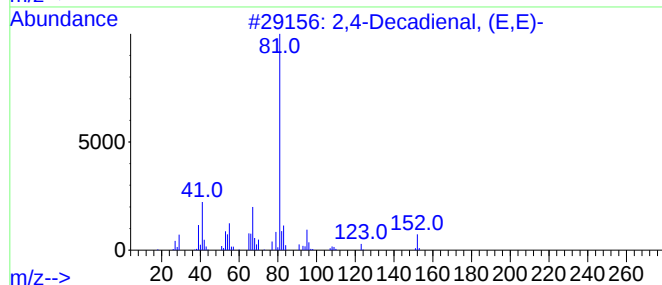
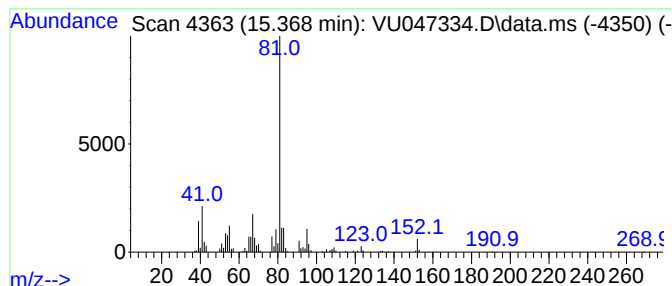
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 21 2,4-Decadienal, (E,E)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.368	1.16 ug/L	152508	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	94
2			2,4-Decadienal	152	C10H16O	002363-88-4	90
3			2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	90
4			2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	90
5			2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
Data File : VU047334.D
Acq On : 04 Mar 2022 17:07
Operator : SY/MD
Sample : N1773-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY14

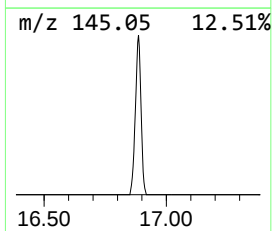
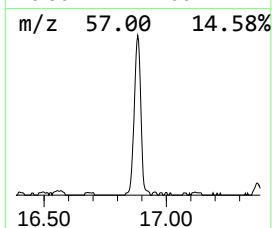
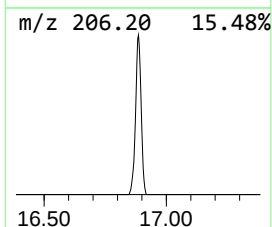
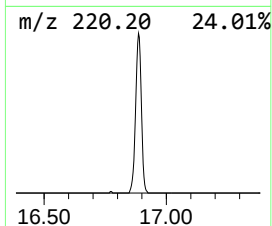
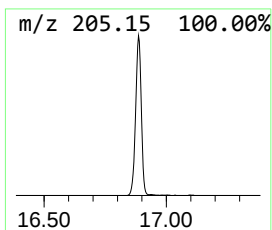
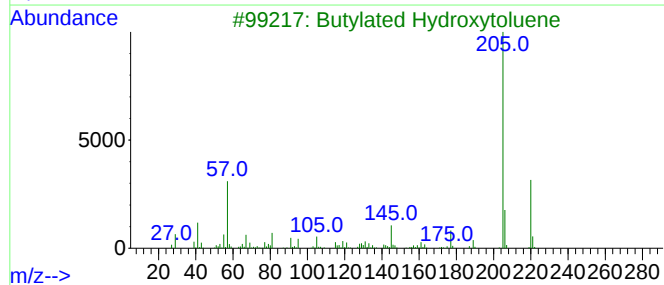
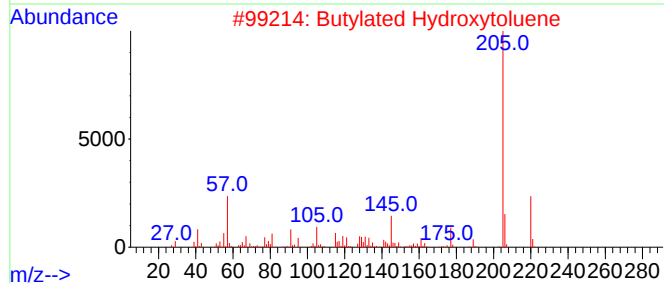
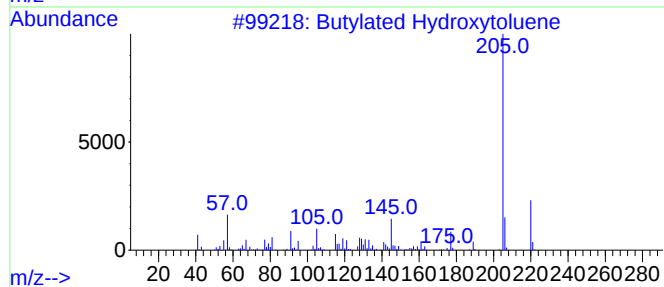
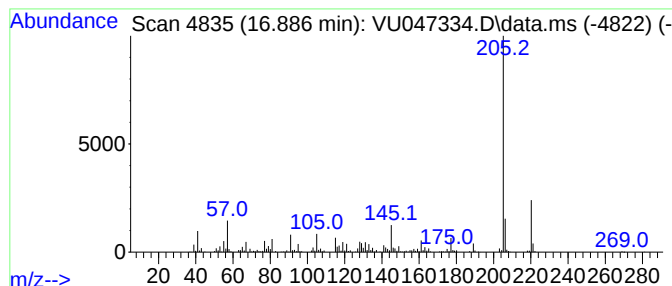
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 22 Butylated Hydroxytoluene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.886	2.55 ug/L	336096	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	99
2			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	98
3			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	96
4			Ethyl 4-oxo-2-phenylpentanoate	220	C13H16O3	1000427-11-2	96
5			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
 Data File : VU047334.D
 Acq On : 04 Mar 2022 17:07
 Operator : SY/MD
 Sample : N1773-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY14

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.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...	1.366	14.4	ug/L	1335970	1	6.282	465136	5.0
(DEL) Alkane: S...	1.498	0.6	ug/L	53345	1	6.282	465136	5.0
(DEL) Alkane: S...	1.748	1.2	ug/L	110116	1	6.282	465136	5.0
(DEL) Alkane: S...	2.015	0.6	ug/L	52218	1	6.282	465136	5.0
(DEL) Alkane: C...	2.173	1.5	ug/L	140626	1	6.282	465136	5.0
(DEL) Alkane: S...	2.224	1.3	ug/L	122781	1	6.282	465136	5.0
Butanal	4.494	0.5	ug/L	48330	1	6.282	465136	5.0
Pentanal	6.919	1.8	ug/L	164841	1	6.282	465136	5.0
Hexanal	8.803	11.7	ug/L	1341100	2	9.427	571083	5.0
Heptanal	10.349	7.5	ug/L	858410	2	9.427	571083	5.0
2-Heptenal, (Z)-	11.298	1.3	ug/L	171993	3	11.812	658037	5.0
3-Octanone	11.472	1.2	ug/L	157994	3	11.812	658037	5.0
Octanal	11.687	7.1	ug/L	935601	3	11.812	658037	5.0
(DEL) Alkane: C...	12.542	1.6	ug/L	211341	3	11.812	658037	5.0
Nonanal	12.886	9.5	ug/L	1253750	3	11.812	658037	5.0
2-Nonenal, (E)-	13.684	0.5	ug/L	67374	3	11.812	658037	5.0
Decanal	13.983	1.2	ug/L	156935	3	11.812	658037	5.0
2-Decenal, (E)-	14.732	3.2	ug/L	422876	3	11.812	658037	5.0
2,4-Decadienal,...	15.368	1.2	ug/L	152508	3	11.812	658037	5.0
Butylated Hydro...	16.886	2.5	ug/L	336096	3	11.812	658037	5.0