

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071522\
 Data File : VV026800.D
 Acq On : 15 Jul 2022 19:02
 Operator : SY/MD
 Sample : N3710-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0B45

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_V\Method\SFAMVTR071122WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV026800.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.301	74	81	95	rVB	109488	119620	5.66%	1.165%
2	1.384	100	107	122	rBV	48694	83326	3.94%	0.812%
3	1.565	155	163	174	rVB	100672	115700	5.47%	1.127%
4	1.799	228	236	245	rVB	66386	81835	3.87%	0.797%
5	1.970	284	289	297	rVB	23378	30546	1.45%	0.298%
6	2.098	318	329	348	rVV2	306965	557310	26.37%	5.429%
7	3.706	819	829	852	rBV3	33339	99746	4.72%	0.972%
8	3.899	878	889	938	rBV2	71578	309393	14.64%	3.014%
9	4.346	1007	1028	1062	rBV2	161238	500058	23.66%	4.871%
10	5.043	1226	1245	1292	rBV2	287231	740340	35.03%	7.211%
11	5.616	1411	1423	1454	rBV	260243	544879	25.78%	5.308%
12	5.918	1505	1517	1528	rBV4	10894	23318	1.10%	0.227%
13	6.066	1550	1563	1580	rBV	183193	382543	18.10%	3.726%
14	6.285	1620	1631	1660	rBV2	114098	275881	13.05%	2.687%
15	6.510	1690	1701	1721	rVB	48070	93803	4.44%	0.914%
16	6.986	1837	1849	1874	rBV	69421	135646	6.42%	1.321%
17	7.313	1935	1951	1968	rBV	262442	473407	22.40%	4.611%
18	7.394	1968	1976	1992	rVB	20189	40906	1.94%	0.398%
19	7.625	2037	2048	2065	rBV2	38093	74893	3.54%	0.730%
20	8.088	2181	2192	2226	rBV	418055	826362	39.10%	8.049%
21	8.236	2226	2238	2276	rVV	1231181	2113321	100.00%	20.585%
22	8.850	2410	2429	2453	rBV	427461	707159	33.46%	6.888%
23	9.809	2718	2727	2747	rBV3	49475	88770	4.20%	0.865%
24	10.217	2842	2854	2868	rVB	159366	258836	12.25%	2.521%
25	10.764	3016	3024	3037	rBV5	14503	25641	1.21%	0.250%
26	11.149	3132	3144	3159	rBV2	28718	47940	2.27%	0.467%
27	11.246	3163	3174	3197	rVV	371806	584937	27.68%	5.698%
28	11.529	3252	3262	3275	rBV2	16976	33246	1.57%	0.324%
29	11.622	3279	3291	3314	rVB	279051	452067	21.39%	4.403%
30	12.005	3400	3410	3424	rBV3	47304	82329	3.90%	0.802%
31	12.342	3506	3515	3529	rBV2	54151	82701	3.91%	0.806%
32	13.136	3745	3762	3781	rBV8	20156	42849	2.03%	0.417%
33	13.300	3804	3813	3823	rVB4	24436	39264	1.86%	0.382%
34	13.432	3844	3854	3859	rBV4	38717	60241	2.85%	0.587%
35	13.464	3859	3864	3874	rVB2	38989	59009	2.79%	0.575%
36	14.175	4079	4085	4097	rVB6	17752	28149	1.33%	0.274%

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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_V\Method\SFAMVTR071122WMA.M
Title : TRACE VOA SFAM1.0

37	14.992	4329	4339	4350	rBV	32351	50160	2.37%	0.489%
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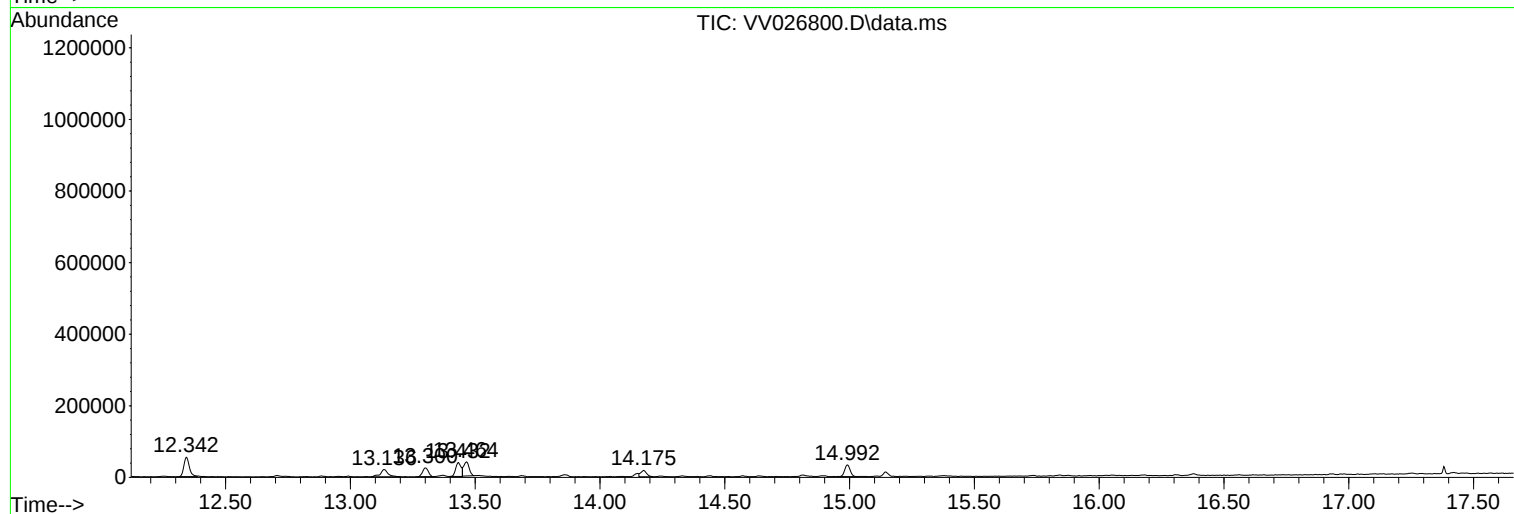
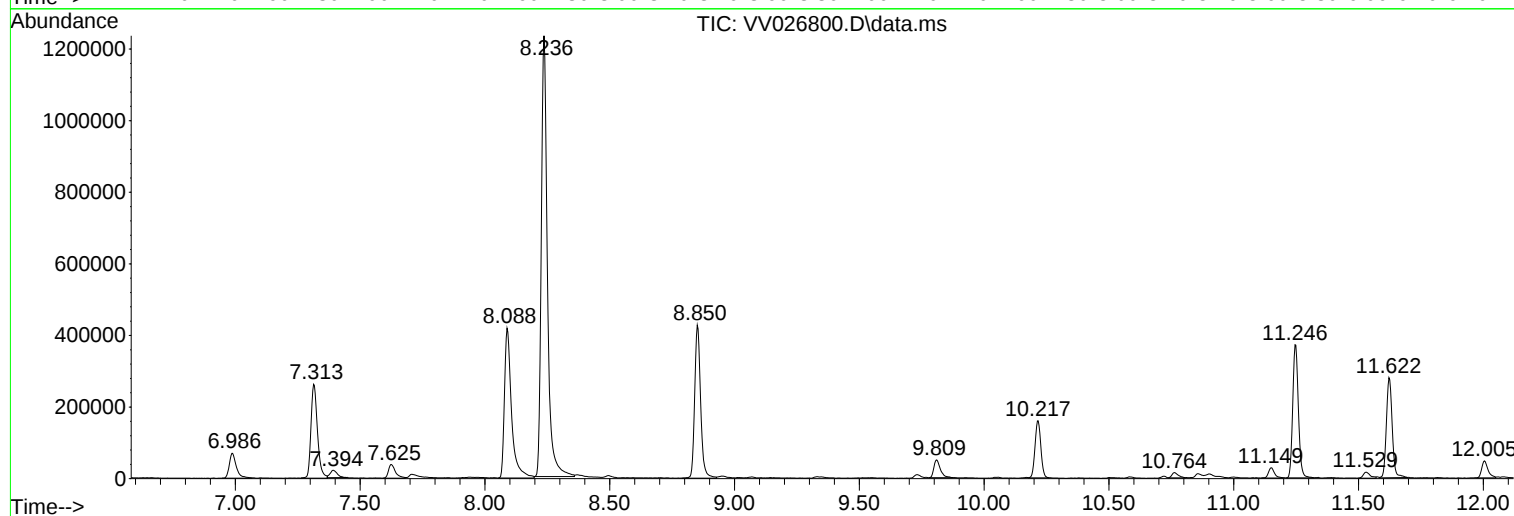
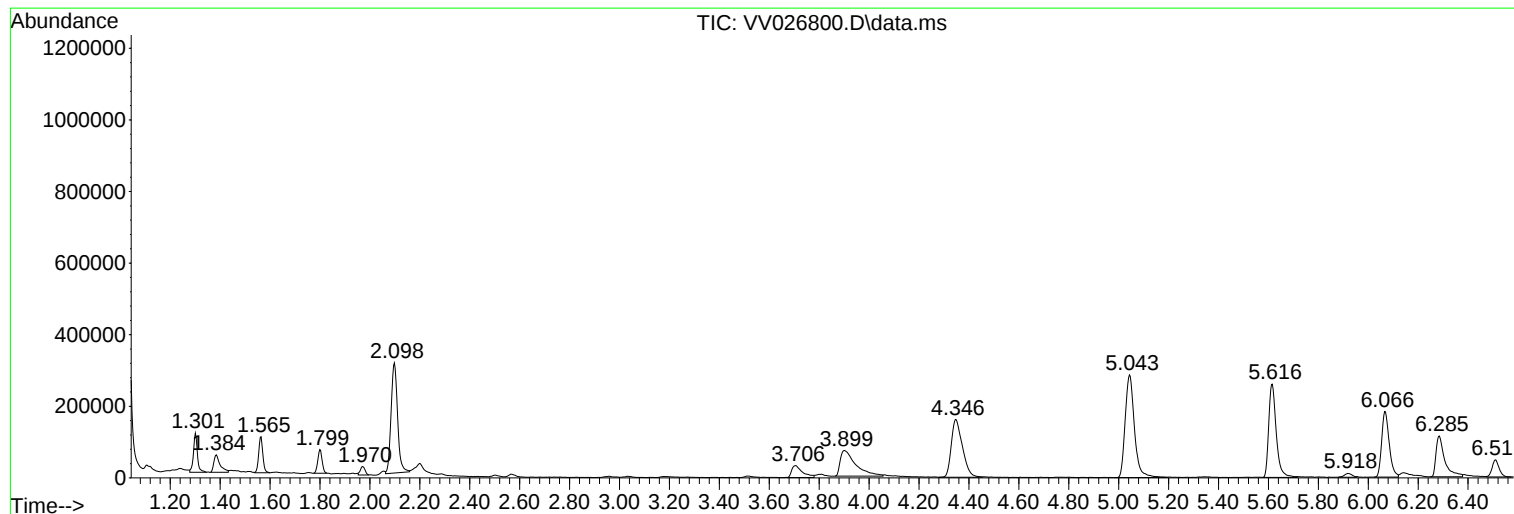
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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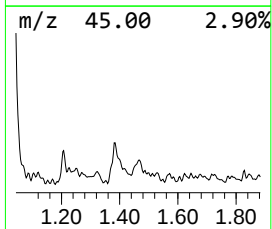
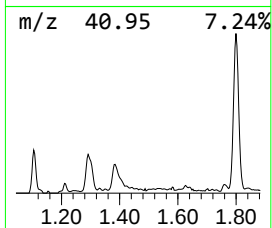
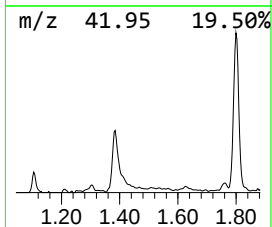
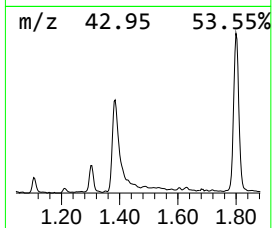
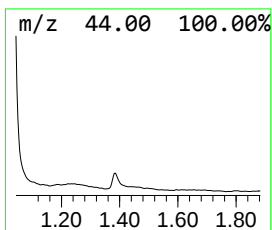
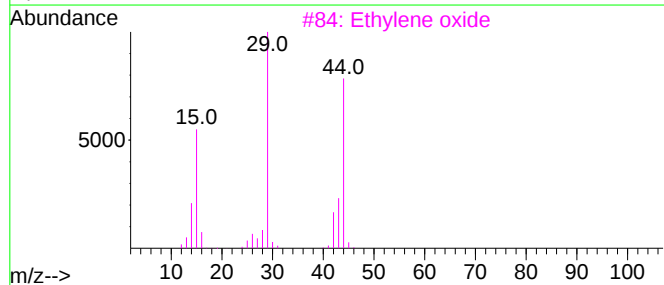
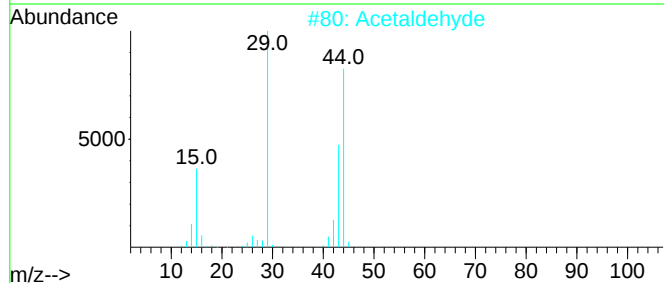
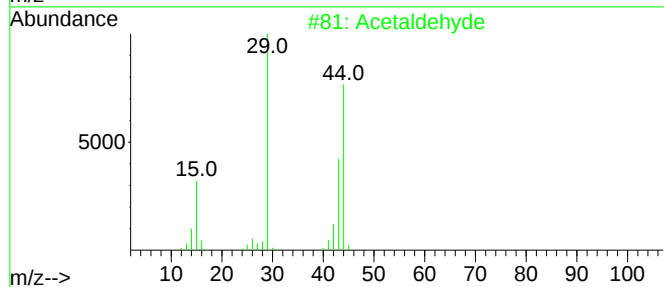
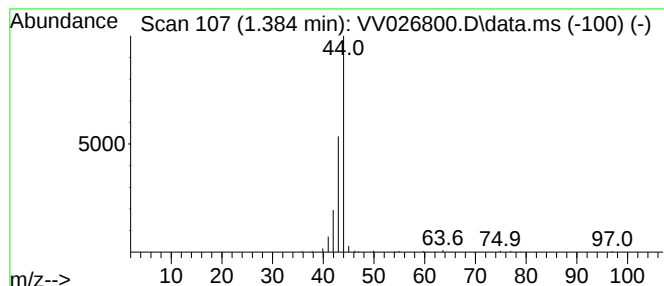
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Acetaldehyde Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.384	0.76 ug/L	83326	1,4-Difluorobenzene	5.616

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	64
2			Acetaldehyde	44	C2H4O	000075-07-0	64
3			Ethylene oxide	44	C2H4O	000075-21-8	9
4			O-Methylisourea	74	C2H6N2O	002440-60-0	9
5			Ethylene oxide	44	C2H4O	000075-21-8	7



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Instrument :
MSVOA_V
ClientSampleId :
H0B45

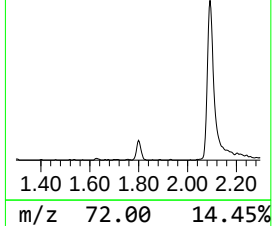
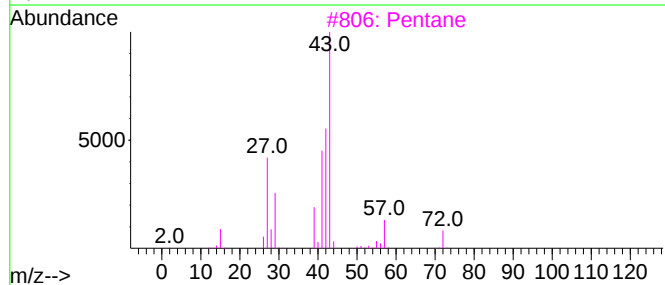
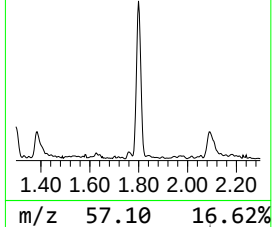
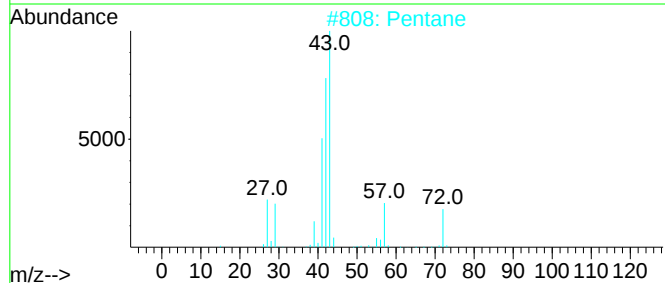
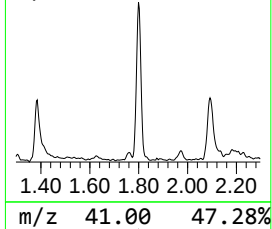
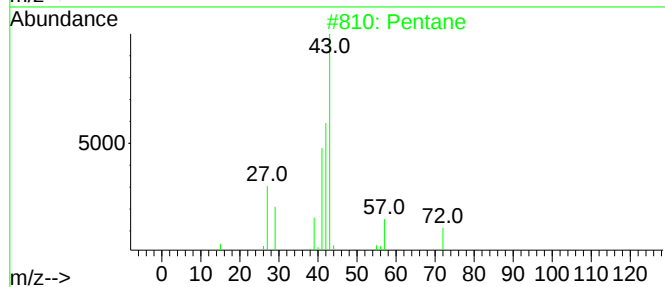
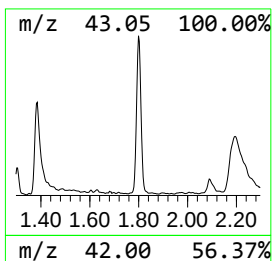
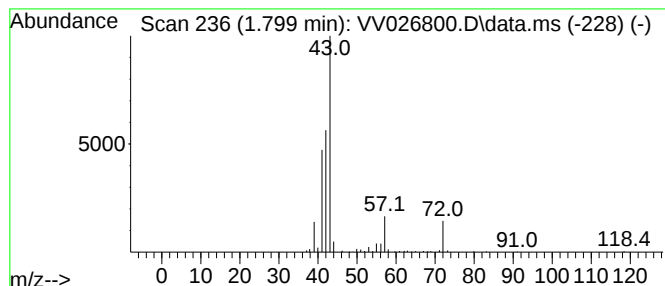
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.799	0.75 ug/L	81835	1,4-Difluorobenzene	5.616

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane			72	C5H12	000109-66-0	90
2	Pentane			72	C5H12	000109-66-0	90
3	Pentane			72	C5H12	000109-66-0	90
4	Pentane			72	C5H12	000109-66-0	90
5	Pentane			72	C5H12	000109-66-0	52



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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

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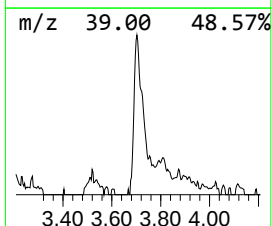
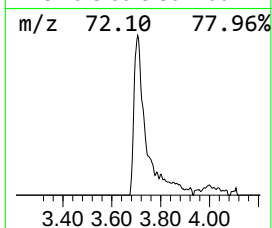
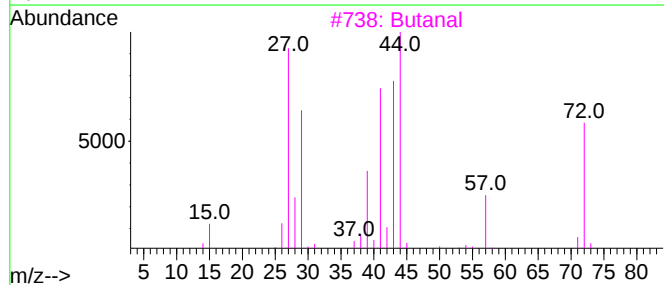
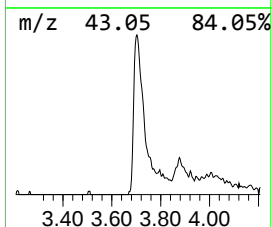
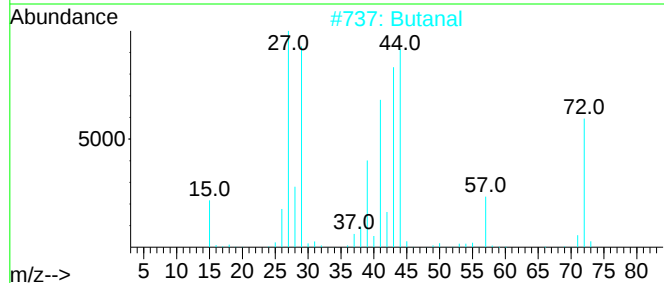
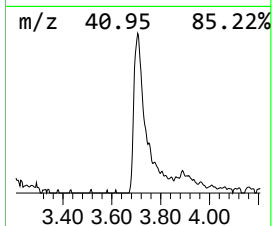
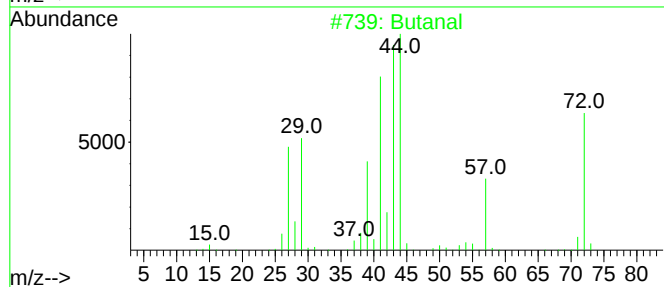
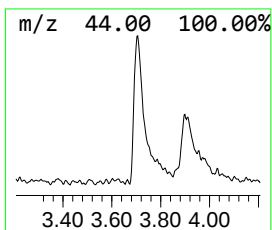
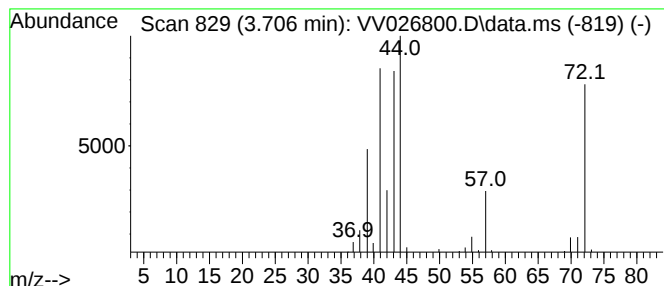
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Butanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.706	0.92 ug/L	99746	1,4-Difluorobenzene	5.616

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	59
5			1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	47



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Instrument :
MSVOA_V
ClientSampleId :
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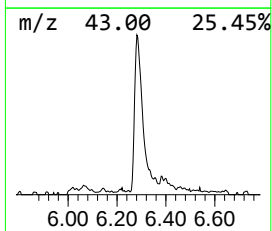
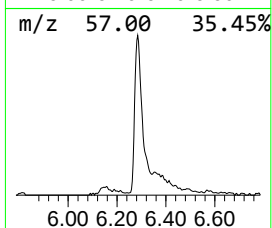
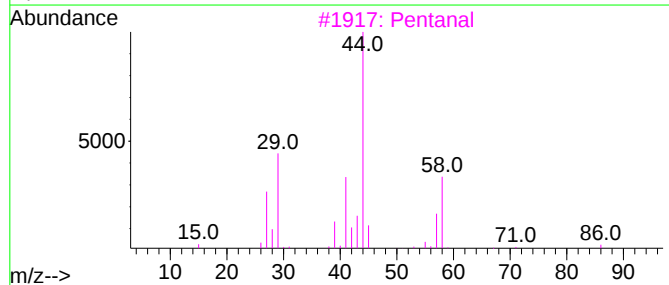
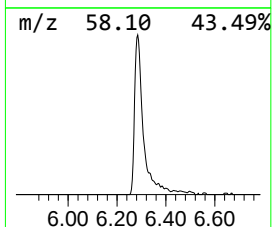
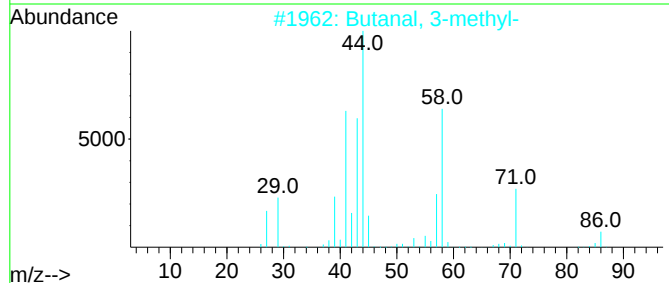
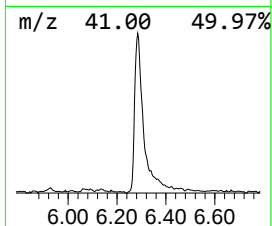
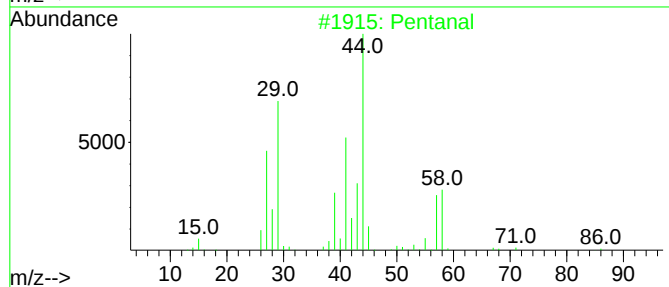
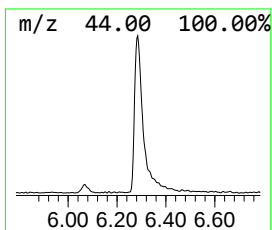
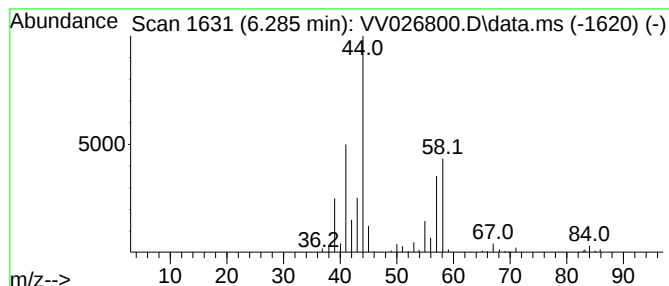
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Pentanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.285	2.53 ug/L	275881	1,4-Difluorobenzene	5.616

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentanal	86	C5H10O	000110-62-3	86
2			Butanal, 3-methyl-	86	C5H10O	000590-86-3	74
3			Pentanal	86	C5H10O	000110-62-3	74
4			Pentanal	86	C5H10O	000110-62-3	64
5			Cyclopropyl carbinol	72	C4H8O	002516-33-8	50



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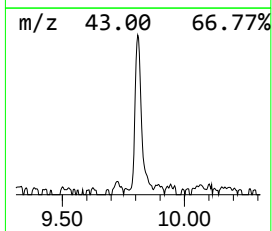
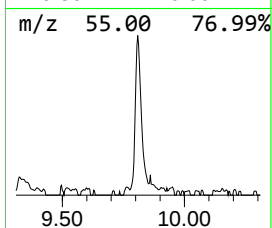
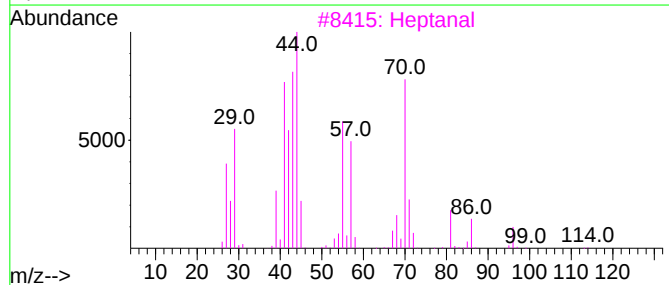
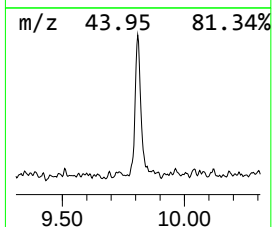
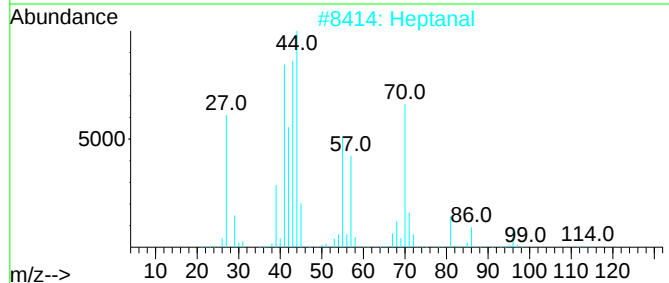
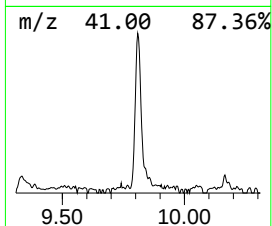
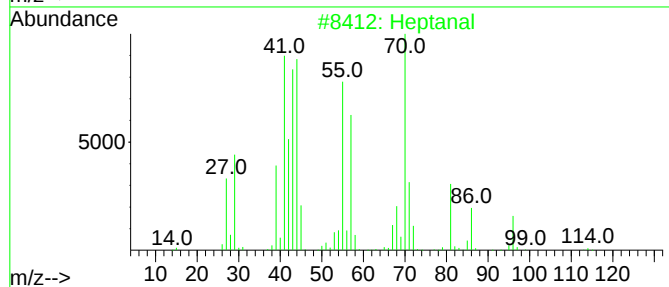
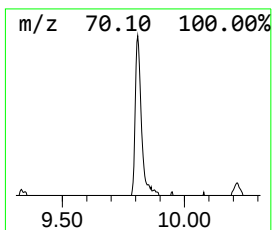
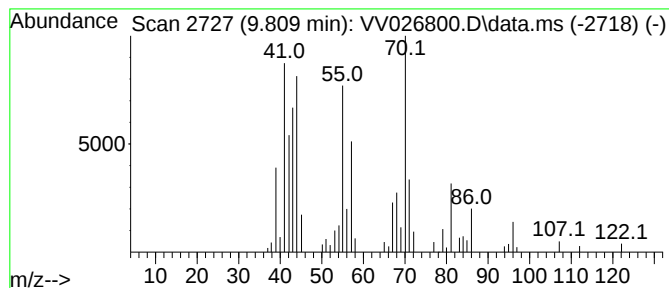
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 Heptanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.809	0.63 ug/L	88770	Chlorobenzene-d5	8.850

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal			114	C7H14O	000111-71-7	80
2	Heptanal			114	C7H14O	000111-71-7	72
3	Heptanal			114	C7H14O	000111-71-7	72
4	Heptanal			114	C7H14O	000111-71-7	64
5	Heptanal			114	C7H14O	000111-71-7	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071522\
Data File : VV026800.D
Acq On : 15 Jul 2022 19:02
Operator : SY/MD
Sample : N3710-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0B45

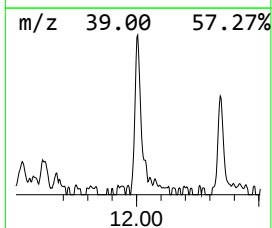
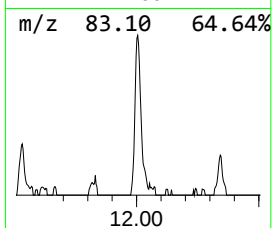
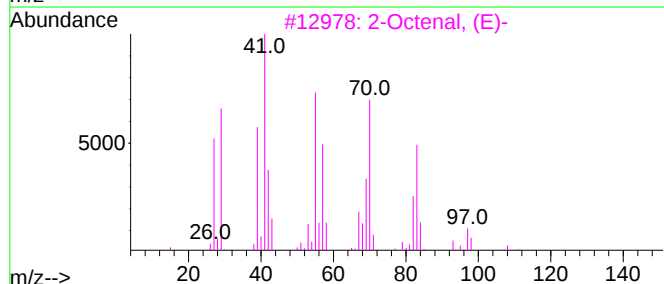
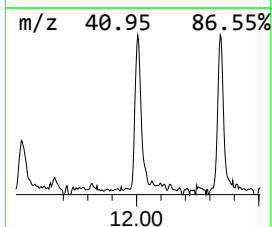
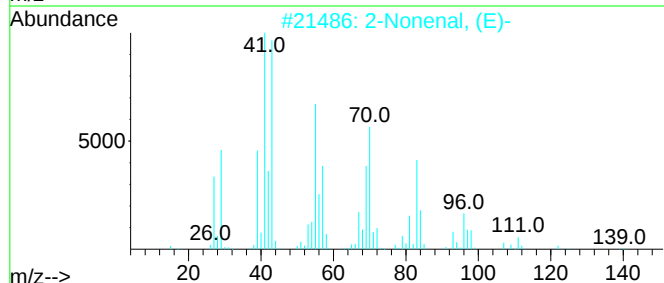
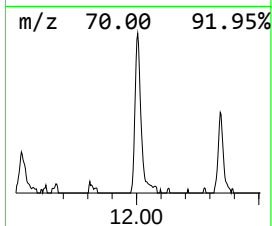
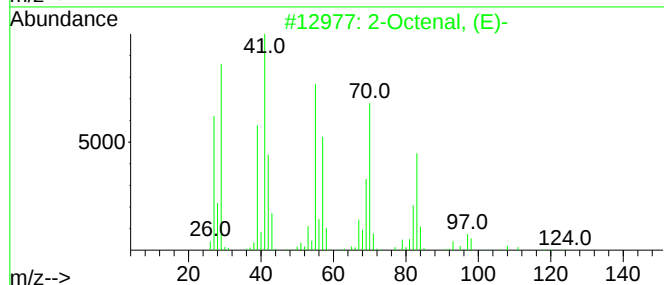
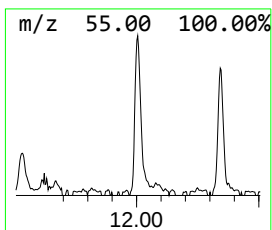
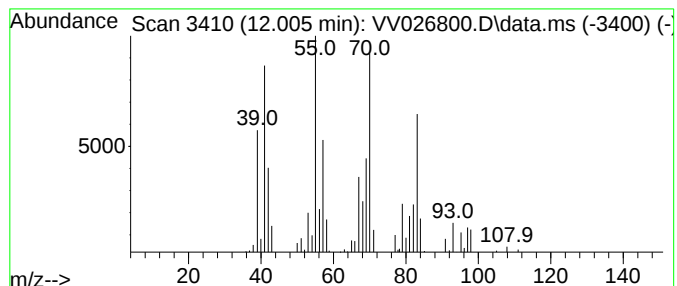
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 2-Octenal, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.005	0.70 ug/L	82329	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Octenal, (E)-	126	C8H14O	002548-87-0	64
2			2-Nonenal, (E)-	140	C9H16O	018829-56-6	53
3			2-Octenal, (E)-	126	C8H14O	002548-87-0	53
4			1-Octanol	130	C8H18O	000111-87-5	47
5			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071522\
Data File : VV026800.D
Acq On : 15 Jul 2022 19:02
Operator : SY/MD
Sample : N3710-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0B45

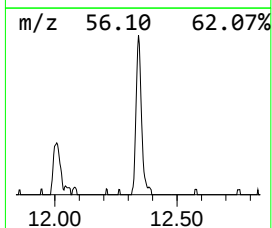
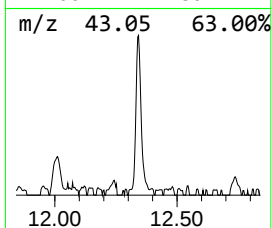
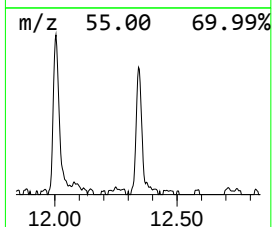
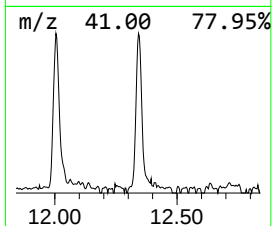
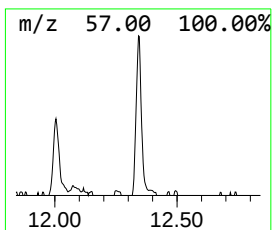
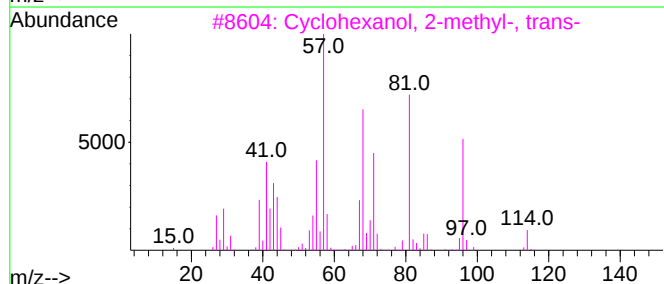
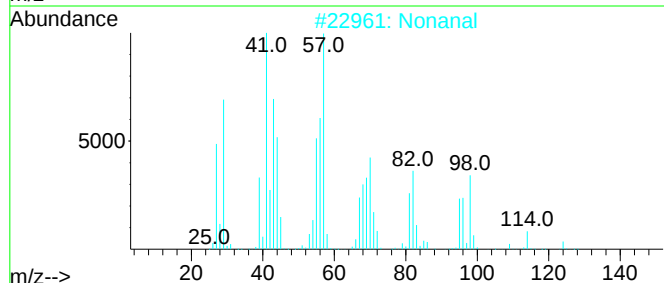
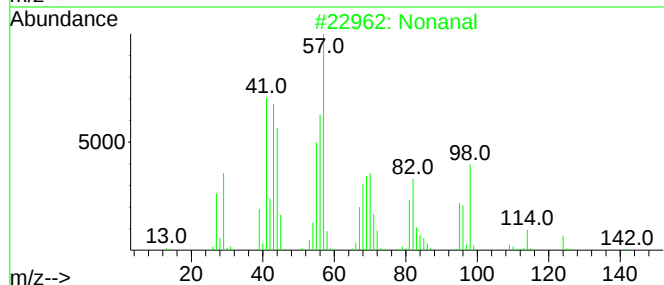
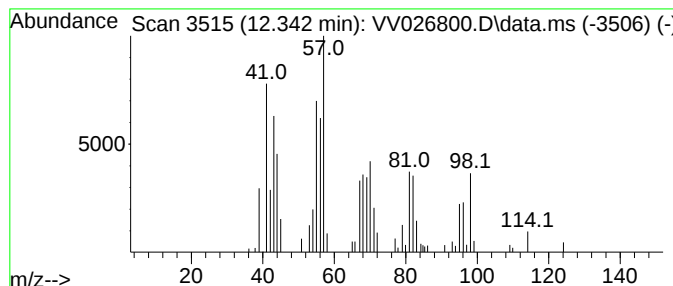
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 Nonanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.342	0.71 ug/L	82701	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonanal	142	C9H18O	000124-19-6	87
2			Nonanal	142	C9H18O	000124-19-6	83
3			Cyclohexanol, 2-methyl-, trans-	114	C7H14O	007443-52-9	38
4			Butane, 1-isocyanato-	99	C5H9NO	000111-36-4	27
5			2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071522\
Data File : VV026800.D
Acq On : 15 Jul 2022 19:02
Operator : SY/MD
Sample : N3710-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0B45

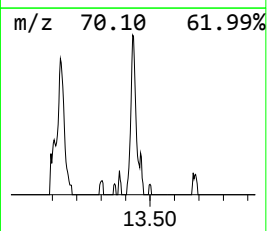
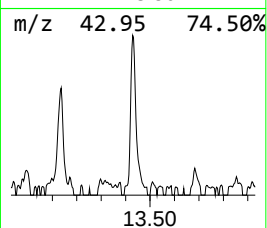
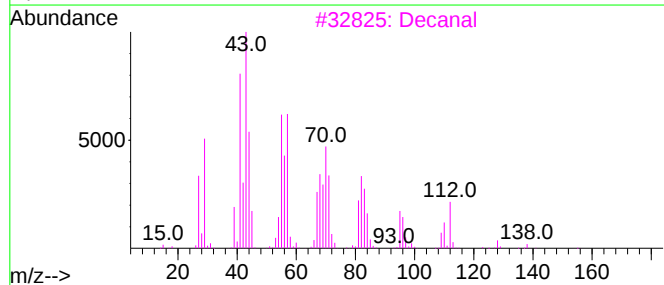
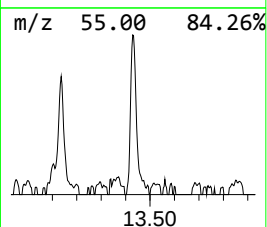
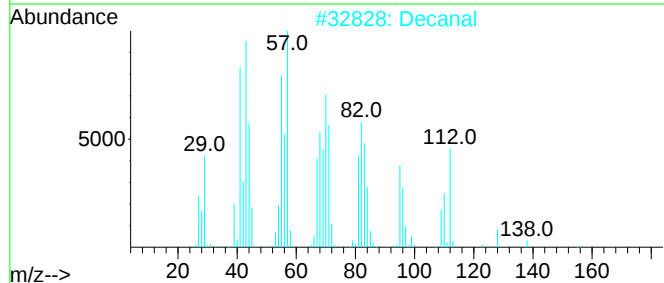
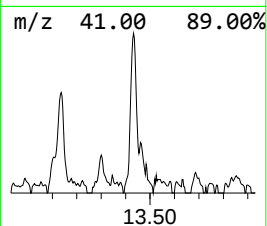
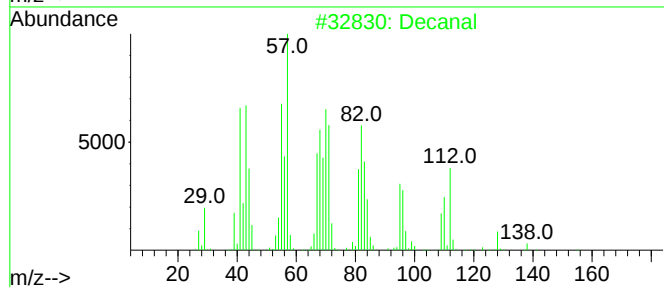
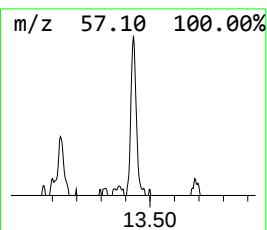
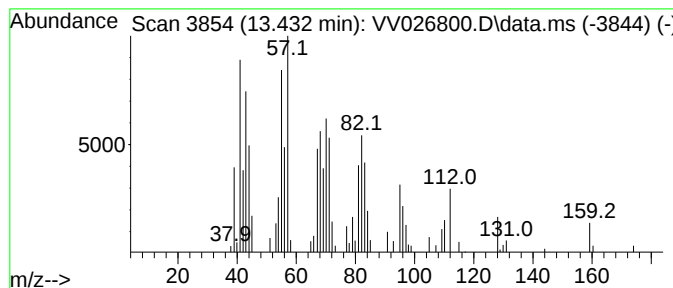
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 Decanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.432	0.51 ug/L	60241	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanal			156	C10H20O	000112-31-2	91
2	Decanal			156	C10H20O	000112-31-2	87
3	Decanal			156	C10H20O	000112-31-2	86
4	Decanal			156	C10H20O	000112-31-2	83
5	Decanal			156	C10H20O	000112-31-2	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071522\
Data File : VV026800.D
Acq On : 15 Jul 2022 19:02
Operator : SY/MD
Sample : N3710-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0B45

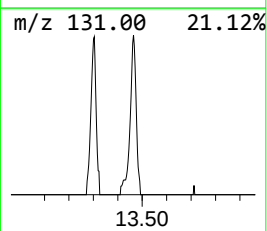
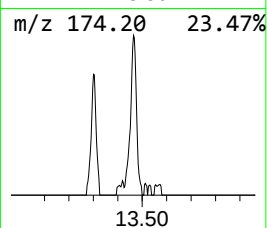
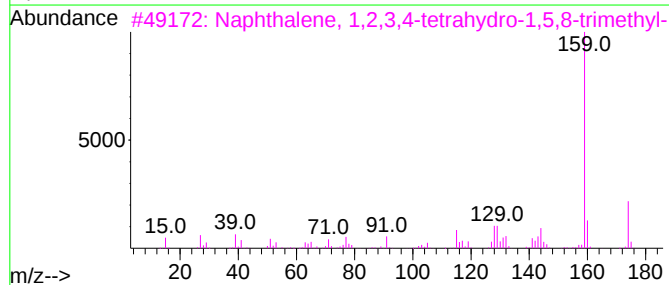
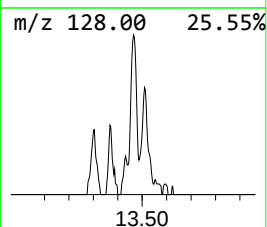
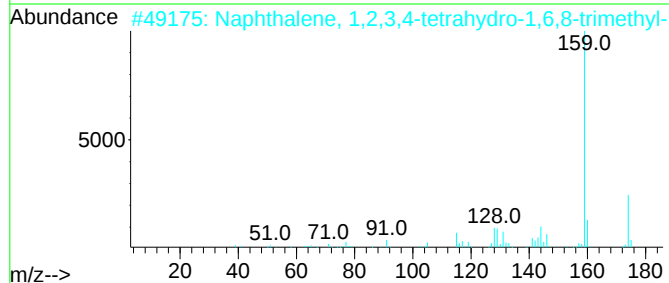
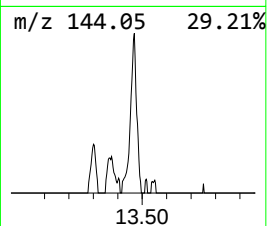
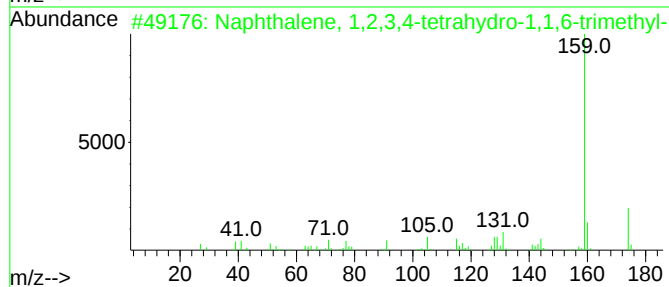
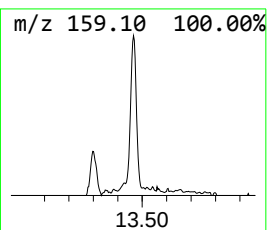
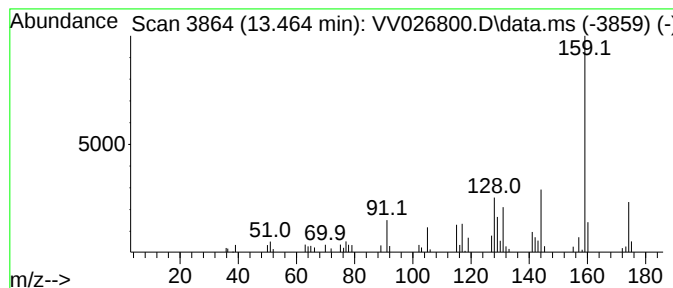
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.464	0.50 ug/L	59009	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	95
2			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	87
3			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-51-6	83
4			1-tert-Butyl-4-(prop-2-en-1-yl)b...	174	C13H18	1000486-84-1	76
5			Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-55-0	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071522\
 Data File : VV026800.D
 Acq On : 15 Jul 2022 19:02
 Operator : SY/MD
 Sample : N3710-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0B45

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.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
Acetaldehyde	1.384	0.8	ug/L	83326	1	5.616	544879	5.0
(DEL) Alkane: S...	1.799	0.8	ug/L	81835	1	5.616	544879	5.0
Butanal	3.706	0.9	ug/L	99746	1	5.616	544879	5.0
Pentanal	6.285	2.5	ug/L	275881	1	5.616	544879	5.0
Heptanal	9.809	0.6	ug/L	88770	2	8.850	707159	5.0
2-Octenal, (E)-	12.005	0.7	ug/L	82329	3	11.249	584937	5.0
Nonanal	12.342	0.7	ug/L	82701	3	11.249	584937	5.0
Decanal	13.432	0.5	ug/L	60241	3	11.249	584937	5.0
Naphthalene, 1,...	13.464	0.5	ug/L	59009	3	11.249	584937	5.0