

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060065.D
 Acq On : 19 Jul 2024 17:06
 Operator : MD/SY
 Sample : P3298-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAZ5

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\SFAMUTR071824WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU060065.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.374	14	26	35	rBV2	4259	6609	1.39%	0.134%
2	1.596	85	95	110	rVB	46854	61438	12.89%	1.241%
3	1.689	116	124	147	rBV2	21283	38354	8.05%	0.775%
4	1.911	184	193	206	rVB	42515	55666	11.68%	1.124%
5	2.560	382	395	409	rBV	73812	121962	25.59%	2.464%
6	2.644	409	421	449	rBV2	16546	53192	11.16%	1.075%
7	2.789	454	466	481	rBV	17195	29899	6.27%	0.604%
8	3.181	576	588	601	rBV2	5176	12079	2.53%	0.244%
9	4.435	963	978	995	rBV4	5246	15036	3.16%	0.304%
10	4.634	1024	1040	1085	rBV2	66339	259116	54.37%	5.234%
11	4.814	1088	1096	1111	rVB3	6046	15856	3.33%	0.320%
12	5.055	1156	1171	1203	rBV	94387	224786	47.17%	4.541%
13	5.718	1358	1377	1397	rBV2	156921	411285	86.30%	8.308%
14	6.242	1524	1540	1561	rBV	152004	297168	62.36%	6.003%
15	6.541	1623	1633	1643	rBV5	6730	12787	2.68%	0.258%
16	6.685	1662	1678	1704	rBV	98664	198624	41.68%	4.012%
17	6.885	1730	1740	1757	rBV3	7893	16689	3.50%	0.337%
18	7.560	1938	1950	1970	rBV2	44914	82796	17.37%	1.673%
19	7.894	2041	2054	2071	rBV	179942	317815	66.69%	6.420%
20	7.968	2072	2077	2090	rVB2	4289	7687	1.61%	0.155%
21	8.177	2132	2142	2160	rVB	26604	45966	9.65%	0.929%
22	8.467	2221	2232	2246	rBV	8766	15553	3.26%	0.314%
23	8.547	2246	2257	2272	rBV2	210115	356539	74.82%	7.202%
24	8.628	2272	2282	2318	rVV	236952	476556	100.00%	9.627%
25	8.779	2318	2329	2364	rVB	206249	369621	77.56%	7.467%
26	9.412	2514	2526	2550	rBV	222605	381842	80.13%	7.713%
27	10.242	2775	2784	2795	rBV3	5217	9333	1.96%	0.189%
28	10.344	2806	2816	2830	rVB5	6097	9786	2.05%	0.198%
29	10.750	2930	2942	2961	rBV	93555	152702	32.04%	3.085%
30	10.888	2971	2985	2998	rBV	26599	42025	8.82%	0.849%
31	11.685	3224	3233	3245	rBV3	17143	28381	5.96%	0.573%
32	11.807	3259	3271	3292	rBV	221299	361750	75.91%	7.308%
33	12.061	3340	3350	3366	rBV2	10090	22294	4.68%	0.450%
34	12.187	3377	3389	3408	rBV	190192	314615	66.02%	6.355%
35	12.524	3486	3494	3501	rBV3	4445	6832	1.43%	0.138%
36	12.772	3559	3571	3583	rBV3	14522	24567	5.16%	0.496%

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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_U\Method\SFAMUTR071824WMA.M
Title : TRACE VOA SFAM1.0

37	12.881	3596	3605	3621	rBV2	36914	60692	12.74%	1.226%
38	13.981	3938	3947	3957	rBV6	5467	8369	1.76%	0.169%
39	14.569	4116	4130	4141	rBV2	7509	12647	2.65%	0.255%
40	15.229	4326	4335	4347	rBV3	3573	6454	1.35%	0.130%
41	15.415	4384	4393	4405	rVB4	2855	5011	1.05%	0.101%

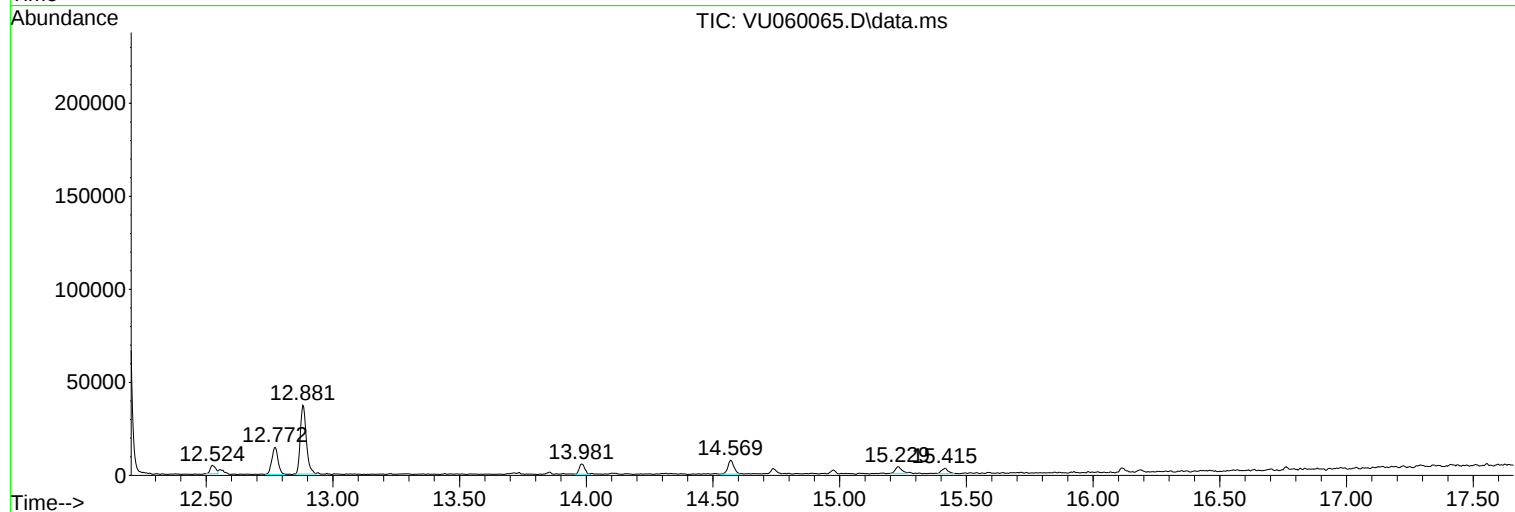
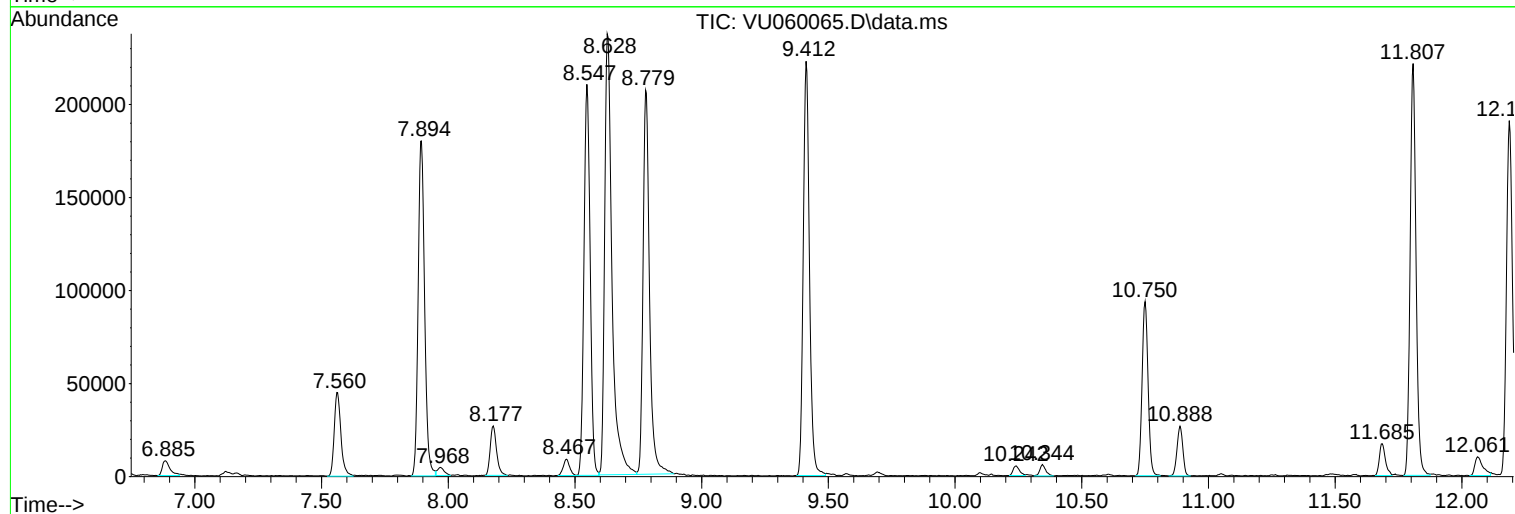
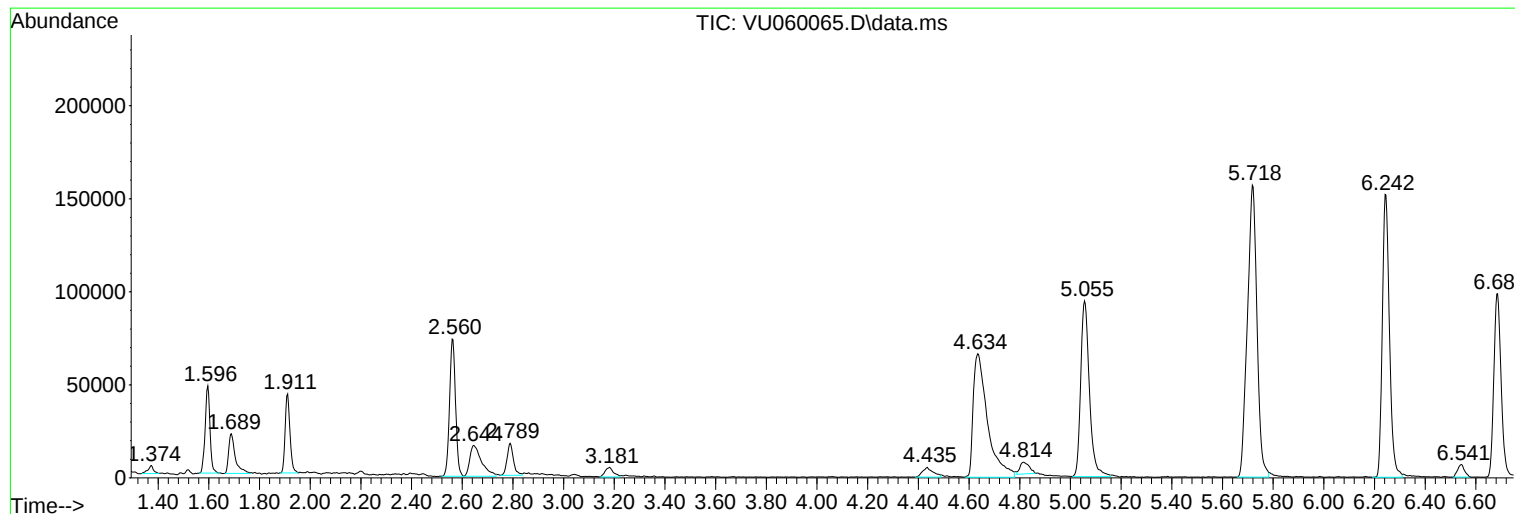
Sum of corrected areas: 4950379

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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Misc : 25.0mL/MSVOA_U/WATER
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Instrument :
MSVOA_U
ClientSampleId :
BHAZ5

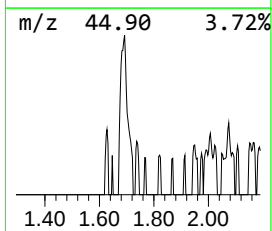
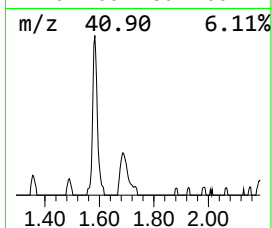
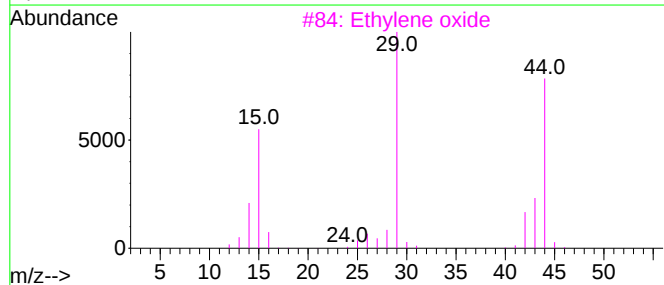
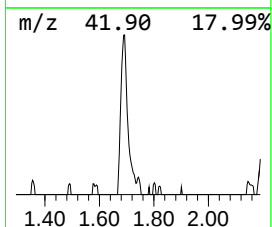
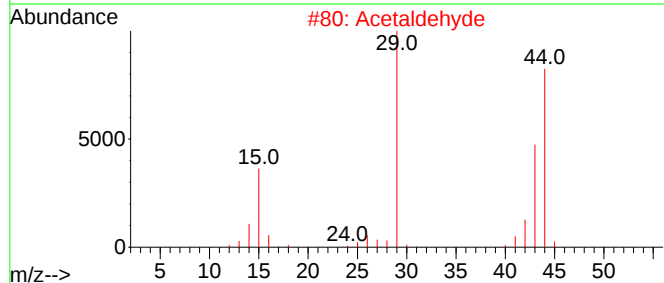
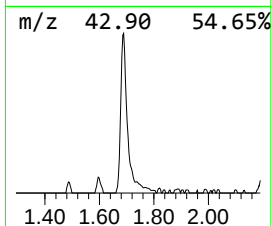
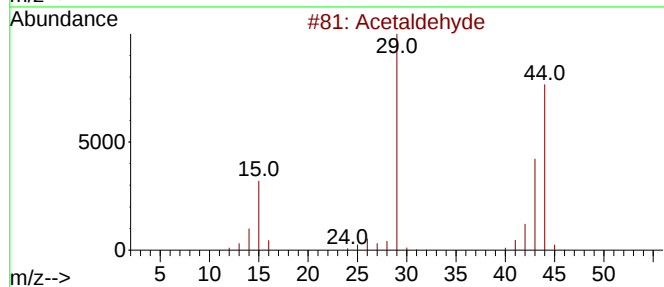
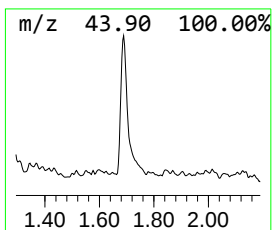
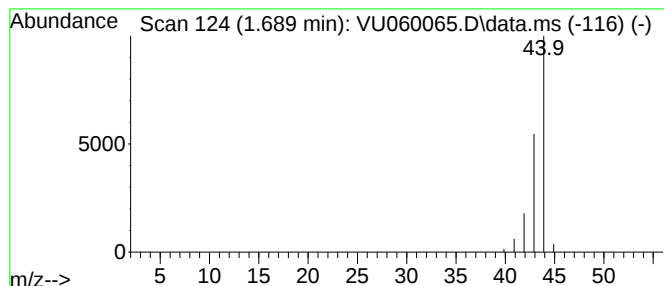
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

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.
1.689	0.65 ug/L	38354	1,4-Difluorobenzene	6.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetaldehyde	44	C2H4O	000075-07-0	83
2			Acetaldehyde	44	C2H4O	000075-07-0	83
3			Ethylene oxide	44	C2H4O	000075-21-8	5
4			Ethylene oxide	44	C2H4O	000075-21-8	5
5			Ethylene oxide	44	C2H4O	000075-21-8	5



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

Instrument :
MSVOA_U
ClientSampleId :
BHAZ5

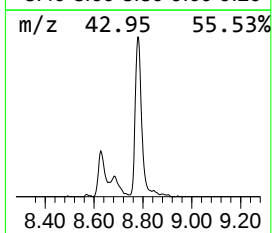
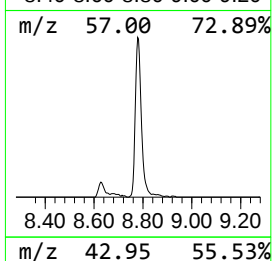
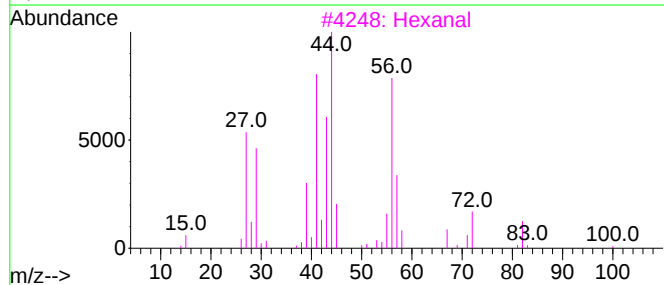
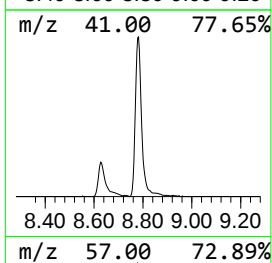
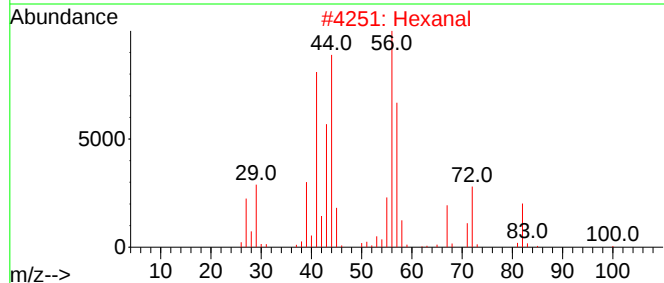
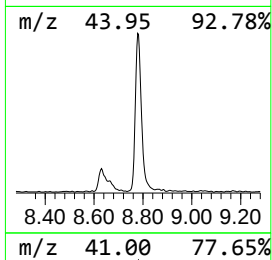
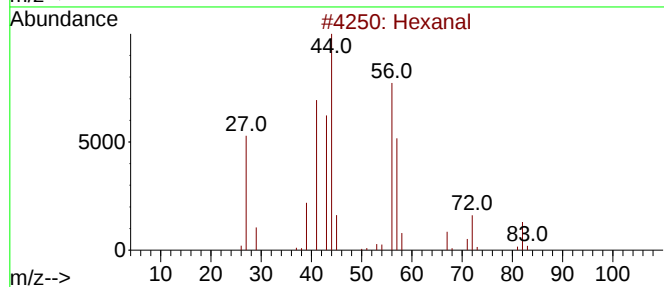
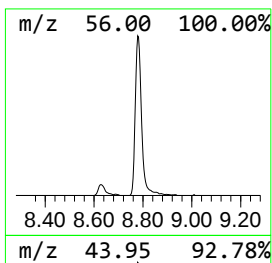
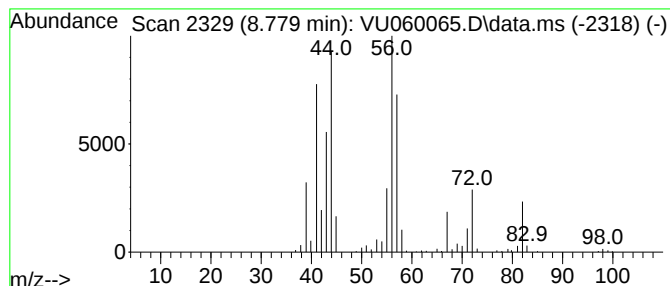
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.779	4.84 ug/L	369621	Chlorobenzene-d5	9.412

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	86
2	Hexanal			100	C6H12O	000066-25-1	83
3	Hexanal			100	C6H12O	000066-25-1	83
4	Hexanal			100	C6H12O	000066-25-1	80
5	Hexanal			100	C6H12O	000066-25-1	74



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

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ClientSampleId :
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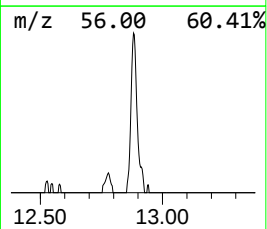
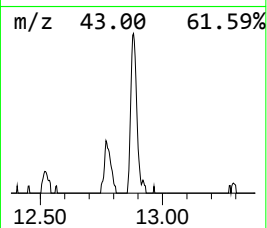
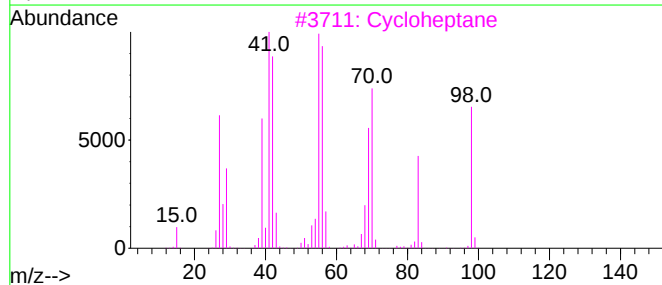
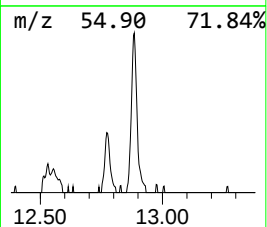
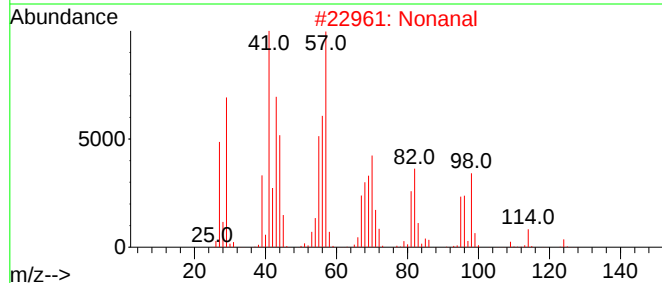
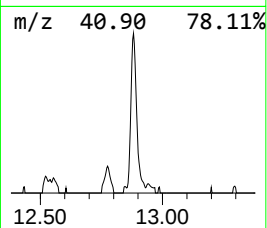
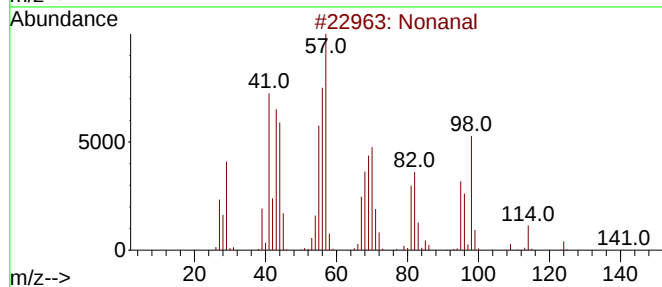
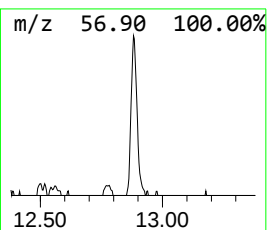
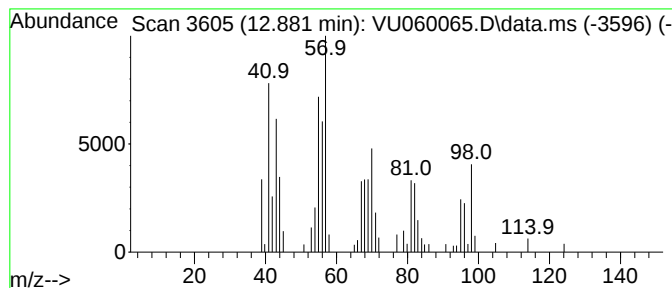
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 Nonanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.881	0.84 ug/L	60692	1,4-Dichlorobenzene-d4	11.807

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonanal	142	C9H18O	000124-19-6	83
2			Nonanal	142	C9H18O	000124-19-6	78
3			Cycloheptane	98	C7H14	000291-64-5	46
4			2-Hepten-1-ol, (E)-	114	C7H14O	033467-76-4	38
5			Heptane, 4-chloro-	134	C7H15Cl	000998-95-8	38



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Acetaldehyde	1.689	0.7	ug/L	38354	1	6.245	297168	5.0
Hexanal	8.779	4.8	ug/L	369621	2	9.412	381842	5.0
Nonanal	12.881	0.8	ug/L	60692	3	11.807	361750	5.0