

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030322\
 Data File : VU047311.D
 Acq On : 03 Mar 2022 13:37
 Operator : SY/MD
 Sample : N1773-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY09

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.1

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

Signal : TIC: VU047311.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.601	73	81	97	rVB	63497	74003	12.24%	1.291%
2	1.697	103	111	122	rBV	5530	11334	1.88%	0.198%
3	1.919	171	180	195	rBV	51011	69134	11.44%	1.206%
4	2.572	367	383	400	rBV2	113239	201306	33.31%	3.512%
5	4.652	1012	1030	1076	rBV	55803	245920	40.69%	4.290%
6	5.070	1144	1160	1185	rBV3	97806	264108	43.70%	4.607%
7	5.729	1344	1365	1393	rBV2	179588	469647	77.71%	8.193%
8	6.253	1514	1528	1556	rVB	168512	316865	52.43%	5.528%
9	6.694	1648	1665	1685	rBV	113634	221832	36.70%	3.870%
10	6.883	1712	1724	1754	rBV3	26526	59625	9.87%	1.040%
11	7.568	1924	1937	1959	rVB	63172	110997	18.37%	1.936%
12	7.899	2026	2040	2057	rBV	235914	405130	67.03%	7.068%
13	8.182	2117	2128	2143	rBV	41811	71000	11.75%	1.239%
14	8.475	2205	2219	2234	rBV	11937	22036	3.65%	0.384%
15	8.555	2234	2244	2255	rVV	8243	12833	2.12%	0.224%
16	8.639	2255	2270	2304	rVV	322020	604365	100.00%	10.543%
17	8.790	2304	2317	2358	rVB	199184	347930	57.57%	6.070%
18	9.420	2499	2513	2534	rBV	252009	418844	69.30%	7.307%
19	10.346	2789	2801	2818	rVB	39061	62116	10.28%	1.084%
20	10.761	2917	2930	2944	rBV	105659	170138	28.15%	2.968%
21	10.896	2961	2972	2984	rVB2	20803	34433	5.70%	0.601%
22	11.295	3089	3096	3107	rVB4	8920	13441	2.22%	0.234%
23	11.687	3205	3218	3232	rBV	109245	163983	27.13%	2.861%
24	11.812	3245	3257	3272	rBV	332463	522572	86.47%	9.116%
25	12.063	3326	3335	3355	rVB2	8723	16414	2.72%	0.286%
26	12.195	3363	3376	3390	rBV	257898	411848	68.15%	7.185%
27	12.545	3474	3485	3498	rBV4	12029	21349	3.53%	0.372%
28	12.774	3546	3556	3566	rBV	8939	14548	2.41%	0.254%
29	12.889	3580	3592	3610	rBV	227309	331033	54.77%	5.775%
30	13.690	3832	3841	3849	rVB5	4449	7189	1.19%	0.125%
31	13.983	3925	3932	3941	rBV4	5364	7469	1.24%	0.130%
32	14.735	4157	4166	4181	rBV3	18826	28747	4.76%	0.502%

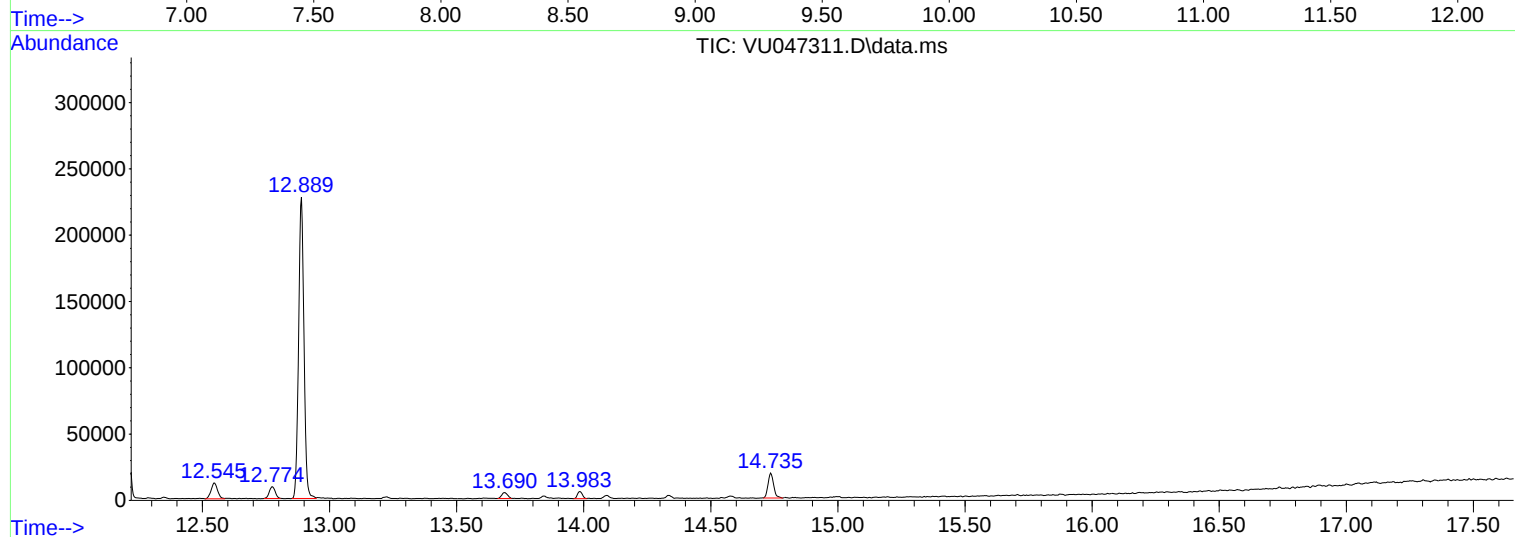
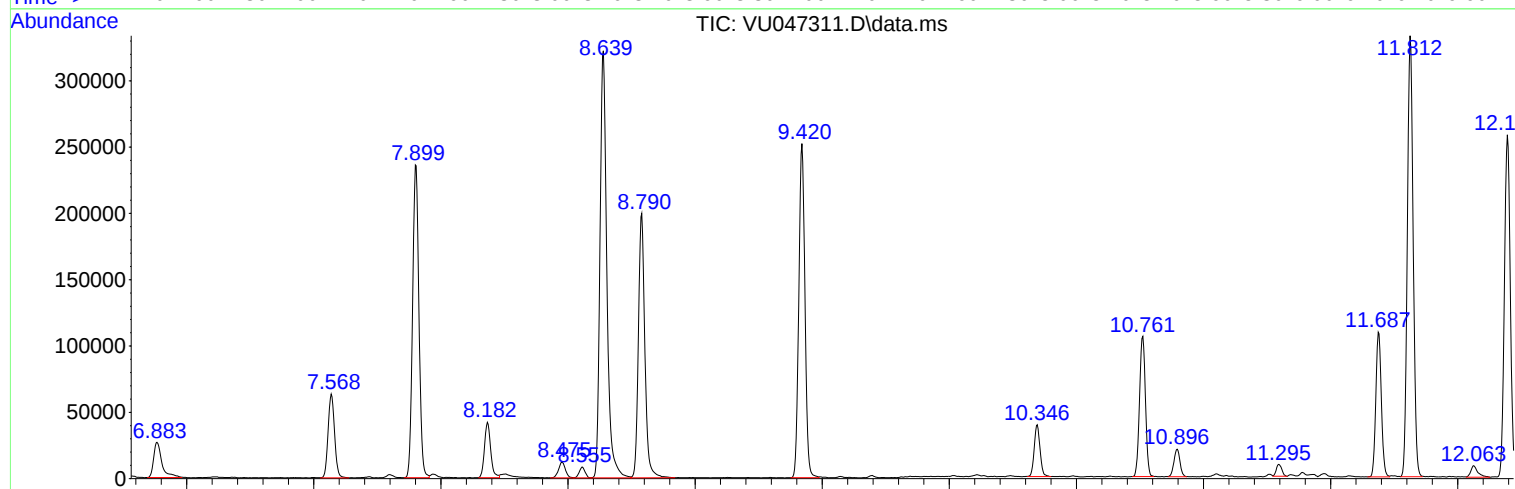
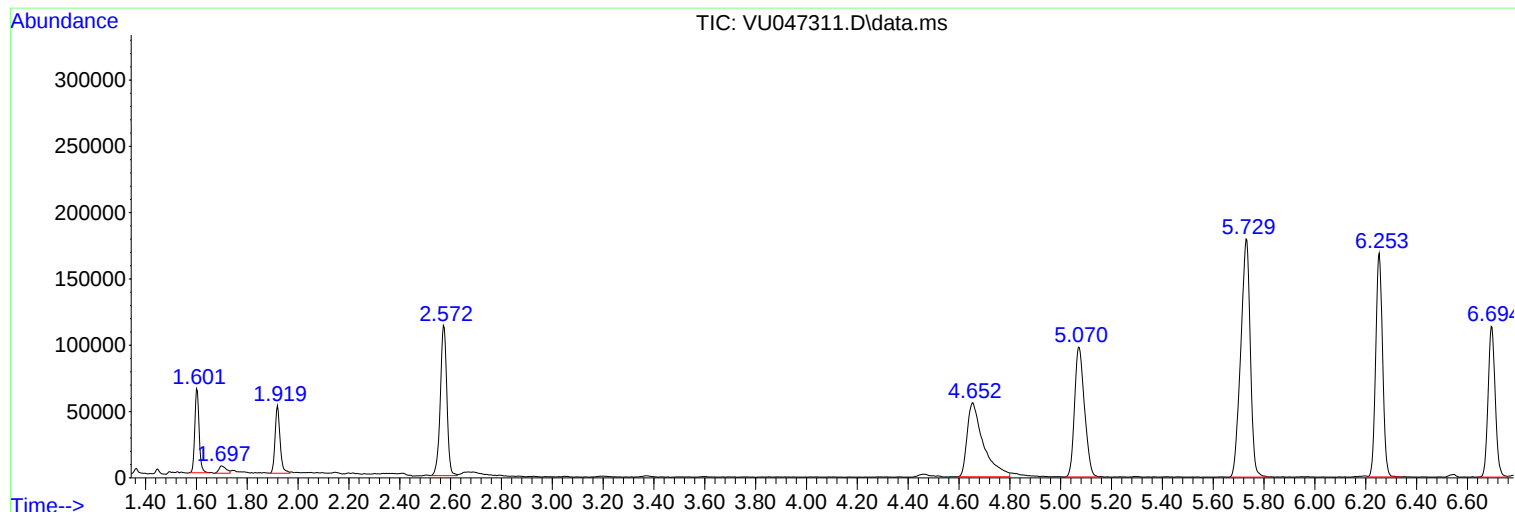
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Instrument :
MSVOA_U
ClientSampleId :
BFY09

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

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



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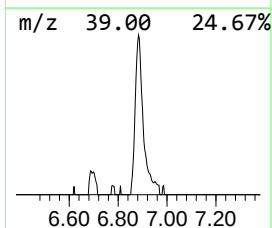
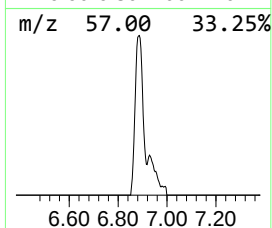
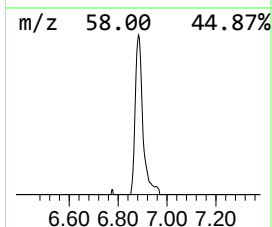
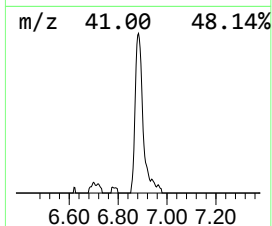
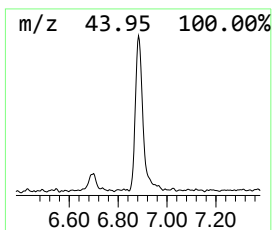
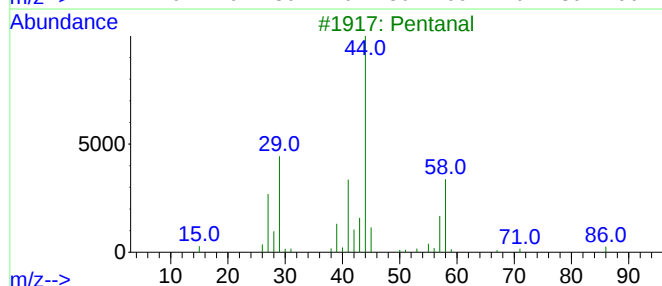
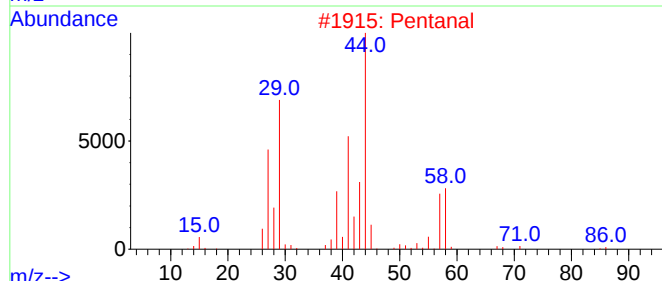
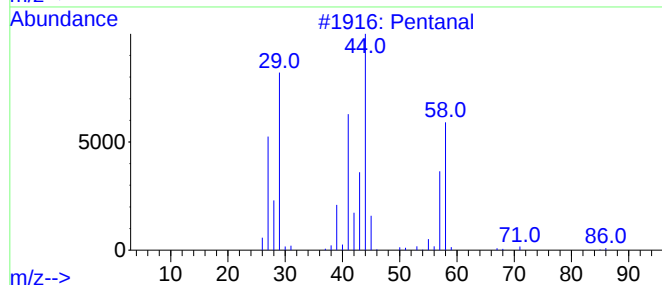
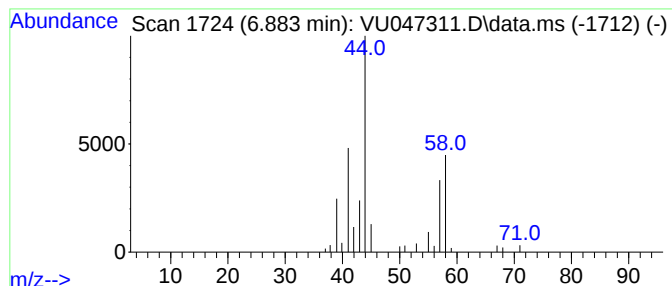
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Pentanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.883	0.94 ug/L	59625	1,4-Difluorobenzene	6.253

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal	86	C5H10O	000110-62-3	83
2	Pentanal	86	C5H10O	000110-62-3	72
3	Pentanal	86	C5H10O	000110-62-3	64
4	Cyclopropyl carbinol	72	C4H8O	002516-33-8	40
5	Cyclopropyl carbinol	72	C4H8O	002516-33-8	28



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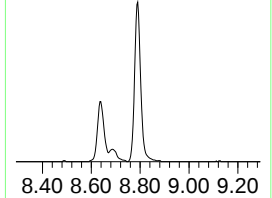
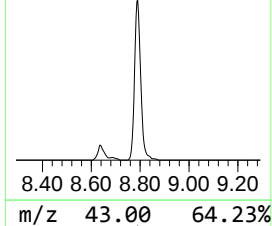
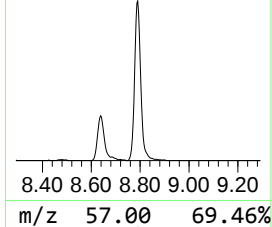
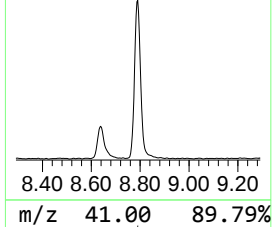
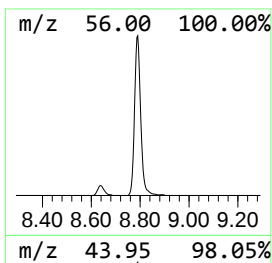
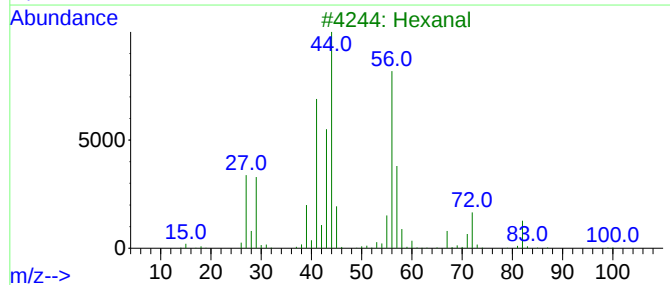
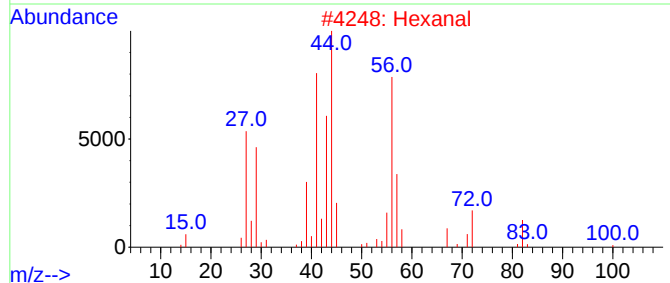
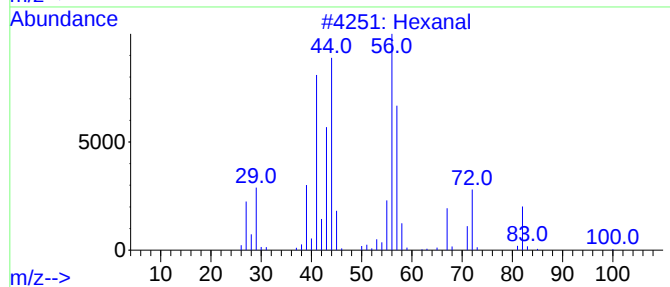
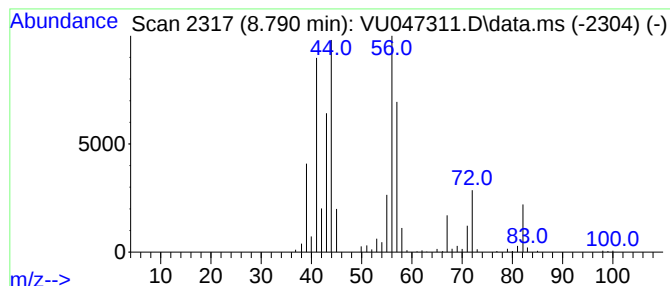
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.790	4.15 ug/L	347930	Chlorobenzene-d5	9.420

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	95
2	Hexanal			100	C6H12O	000066-25-1	81
3	Hexanal			100	C6H12O	000066-25-1	81
4	Hexanal			100	C6H12O	000066-25-1	74
5	Hexanal			100	C6H12O	000066-25-1	53



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ALS Vial : 9 Sample Multiplier: 1

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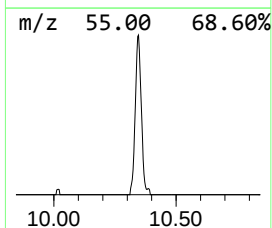
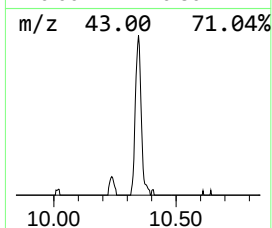
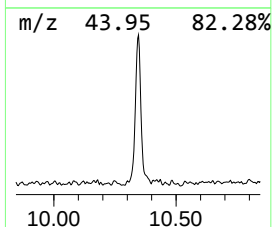
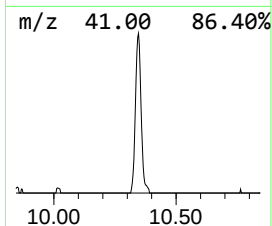
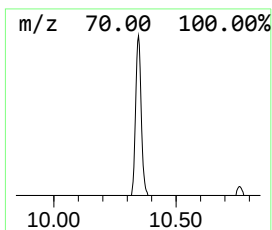
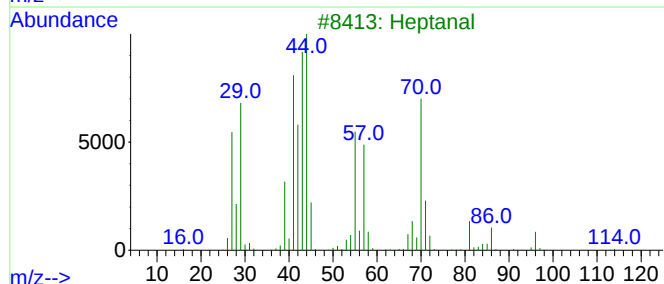
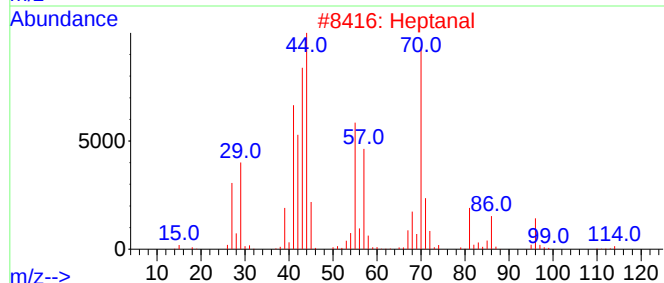
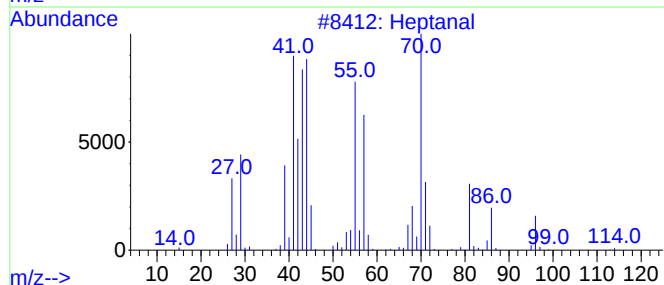
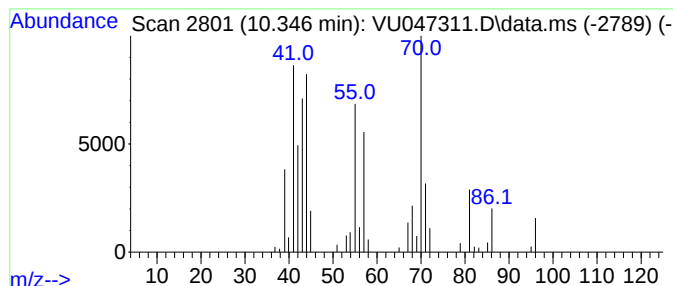
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Heptanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.346	0.74 ug/L	62116	Chlorobenzene-d5	9.420

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal			114	C7H14O	000111-71-7	91
2	Heptanal			114	C7H14O	000111-71-7	80
3	Heptanal			114	C7H14O	000111-71-7	72
4	Heptanal			114	C7H14O	000111-71-7	72
5	Heptanal			114	C7H14O	000111-71-7	50



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ALS Vial : 9 Sample Multiplier: 1

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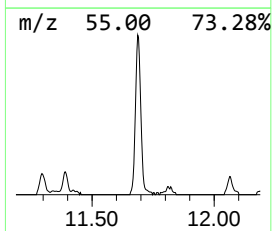
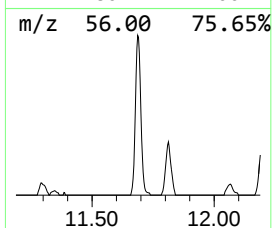
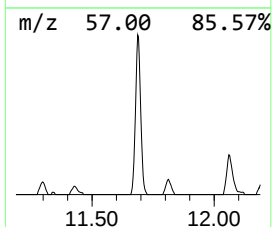
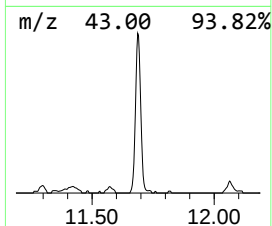
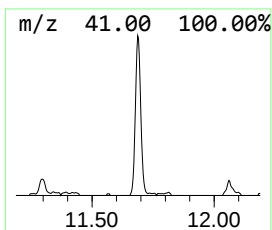
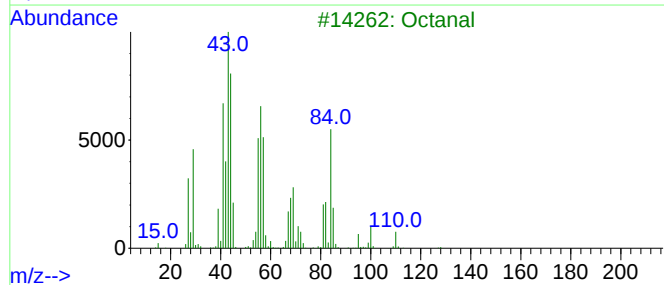
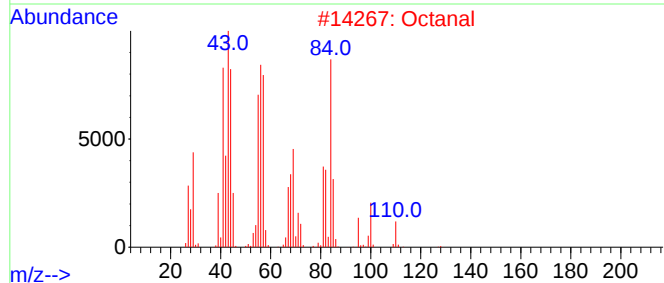
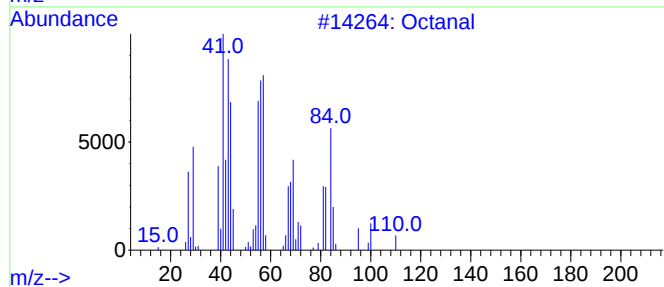
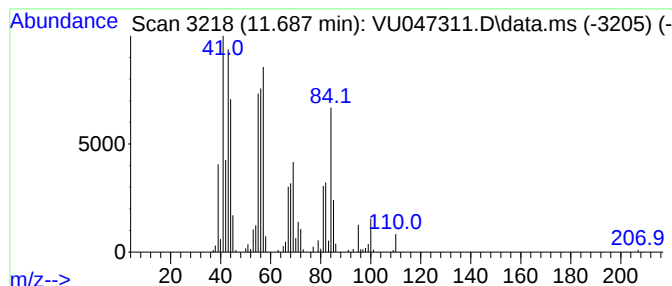
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 Octanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.687	1.57 ug/L	163983	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	91
2	Octanal			128	C8H16O	000124-13-0	91
3	Octanal			128	C8H16O	000124-13-0	90
4	Octanal			128	C8H16O	000124-13-0	86
5	Octanal			128	C8H16O	000124-13-0	78



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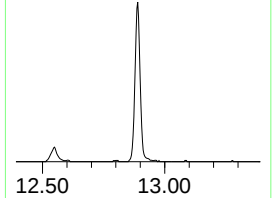
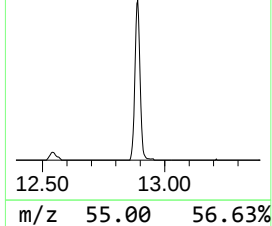
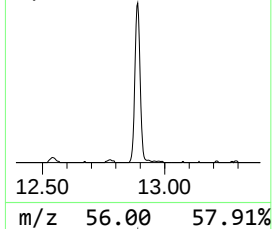
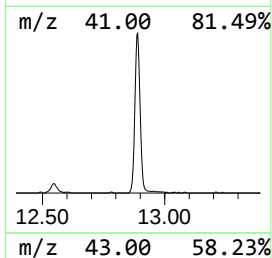
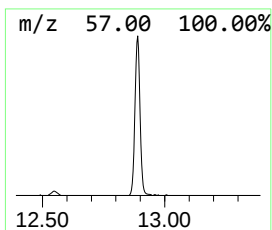
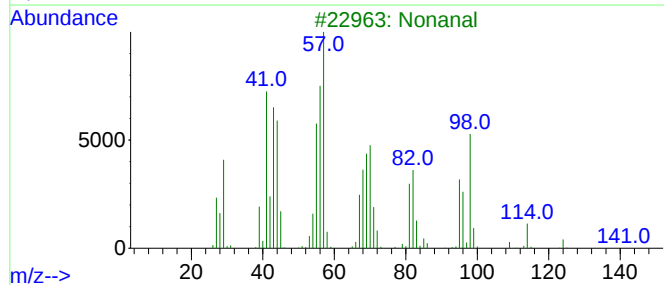
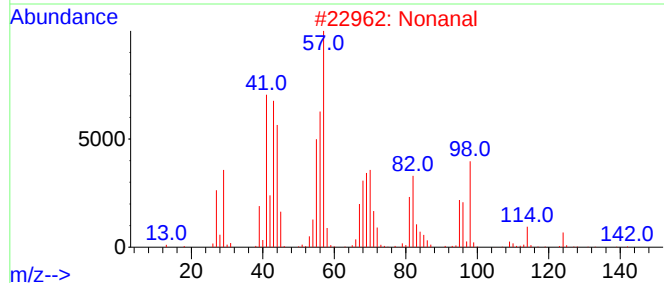
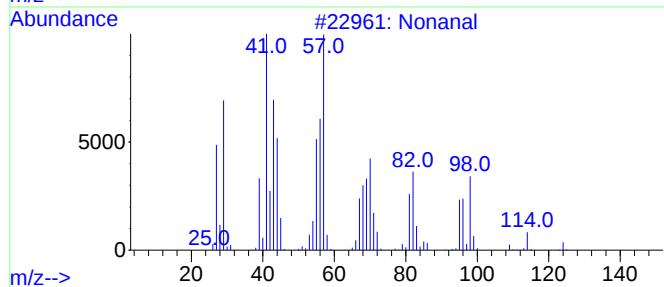
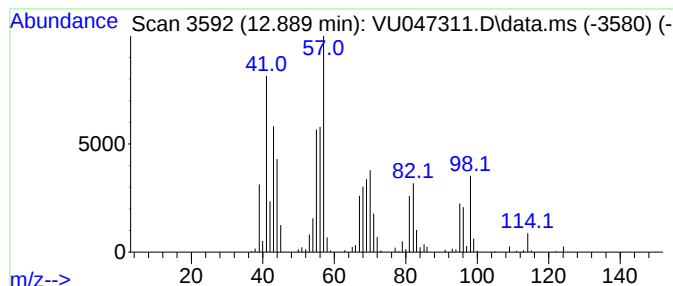
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 Nonanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.890	3.17 ug/L	331033	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	90
4			Cyclohexanol, 2-methyl-, cis-	114	C7H14O	007443-70-1	38
5			Cyclohexanol, 2-methyl-	114	C7H14O	000583-59-5	38



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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
Pentanal	6.883	0.9	ug/L	59625	1	6.253	316865	5.0
Hexanal	8.790	4.2	ug/L	347930	2	9.420	418844	5.0
Heptanal	10.346	0.7	ug/L	62116	2	9.420	418844	5.0
Octanal	11.687	1.6	ug/L	163983	3	11.812	522572	5.0
Nonanal	12.890	3.2	ug/L	331033	3	11.812	522572	5.0