

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032322\
 Data File : VV025128.D
 Acq On : 23 Mar 2022 13:36
 Operator : SY/MD
 Sample : N2044-09
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY32

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\SFAMVTR031522WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV025128.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.307	75	83	97	rVB	72570	73569	5.21%	0.917%
2	1.568	157	164	176	rVB	59882	66854	4.74%	0.834%
3	1.806	231	238	249	rVB2	13645	18163	1.29%	0.226%
4	2.108	319	332	348	rBV2	128526	211947	15.02%	2.642%
5	3.191	655	669	684	rBV2	13160	27593	1.96%	0.344%
6	3.892	873	887	932	rBV	45459	173535	12.30%	2.164%
7	4.346	1013	1028	1061	rBV2	87530	244242	17.31%	3.045%
8	5.043	1229	1245	1275	rBV3	184193	462589	32.78%	5.767%
9	5.612	1408	1422	1452	rBV	154187	317379	22.49%	3.957%
10	6.066	1548	1563	1584	rBV	104464	216090	15.31%	2.694%
11	6.281	1618	1630	1652	rBV2	58869	122712	8.69%	1.530%
12	6.510	1689	1701	1720	rVB	20816	41482	2.94%	0.517%
13	6.985	1836	1849	1879	rBV	47487	90050	6.38%	1.123%
14	7.313	1939	1951	1970	rBV	221975	389918	27.63%	4.861%
15	7.622	2037	2047	2065	rBV	25832	45678	3.24%	0.570%
16	8.085	2180	2191	2226	rBV	198839	394458	27.95%	4.918%
17	8.233	2226	2237	2280	rVV	730817	1207673	85.57%	15.057%
18	8.850	2417	2429	2464	rBV	237742	394005	27.92%	4.912%
19	9.728	2691	2702	2716	rBV3	16142	27677	1.96%	0.345%
20	9.802	2716	2725	2753	rBV	166938	270615	19.17%	3.374%
21	10.214	2843	2853	2866	rBV	72264	110544	7.83%	1.378%
22	10.378	2895	2904	2916	rVB3	16652	25890	1.83%	0.323%
23	11.146	3132	3143	3164	rBV	450782	656133	46.49%	8.180%
24	11.246	3164	3174	3192	rVB	258759	400874	28.40%	4.998%
25	11.532	3253	3263	3279	rBV	15133	29326	2.08%	0.366%
26	11.622	3279	3291	3309	rVB	216235	336749	23.86%	4.198%
27	12.008	3400	3411	3424	rBV3	20436	37135	2.63%	0.463%
28	12.249	3476	3486	3496	rBV	8980	15451	1.09%	0.193%
29	12.339	3502	3514	3542	rBV	1000810	1411366	100.00%	17.597%
30	13.136	3754	3762	3777	rBV7	9784	17136	1.21%	0.214%
31	14.175	4074	4085	4109	rBV2	88649	151227	10.71%	1.885%
32	15.143	4378	4386	4401	rBV3	21074	32656	2.31%	0.407%

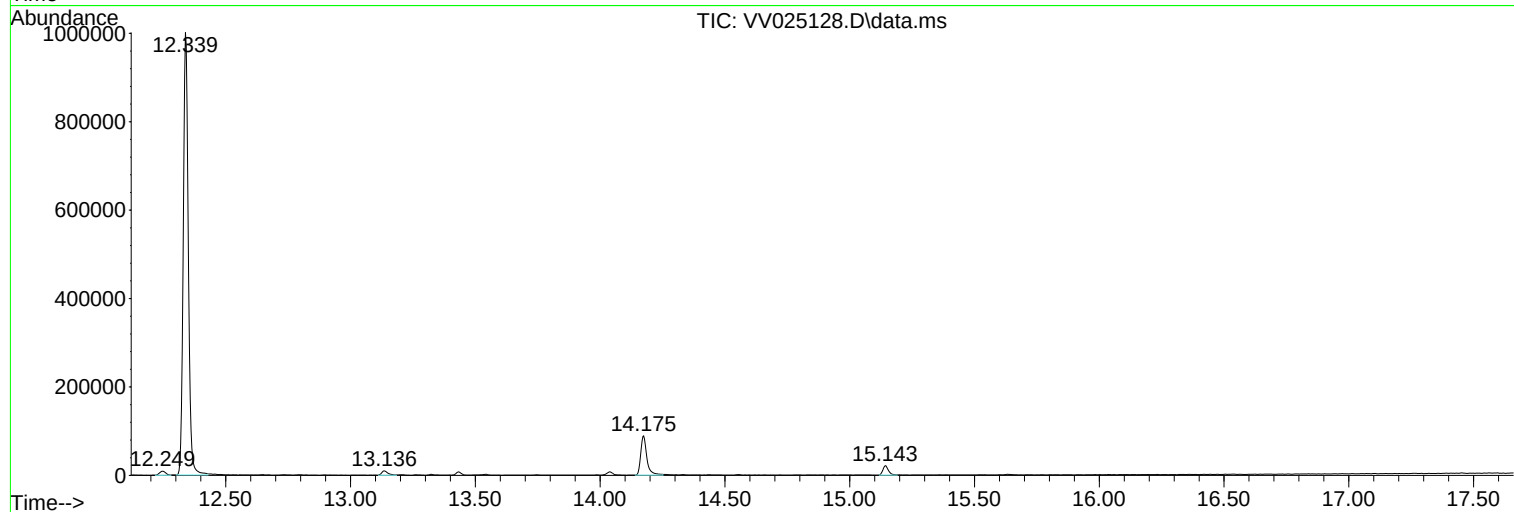
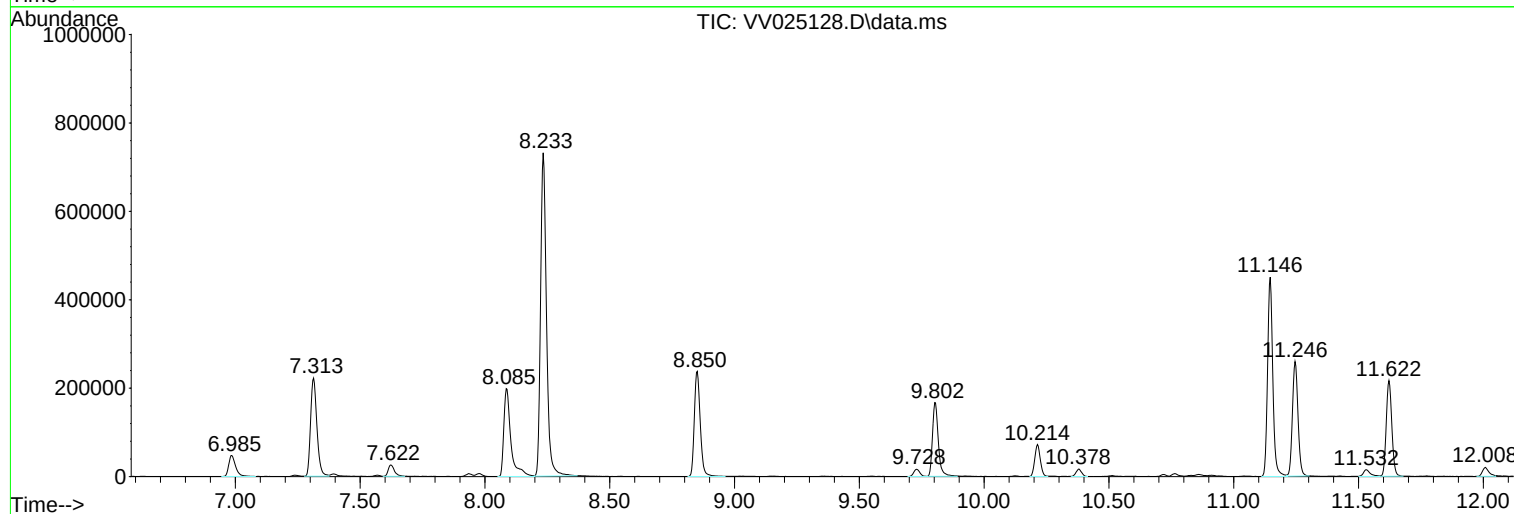
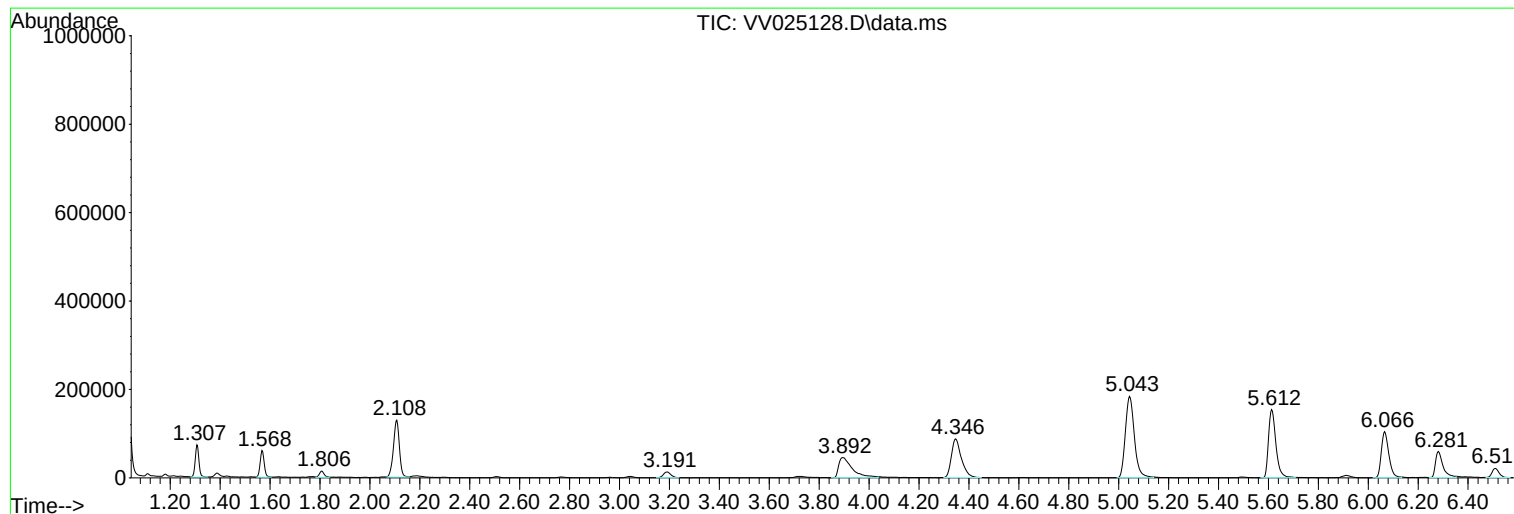
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BFY32

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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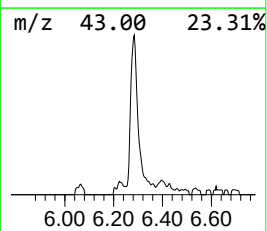
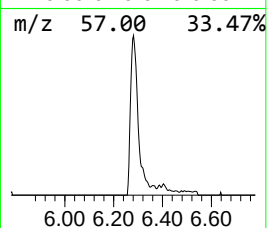
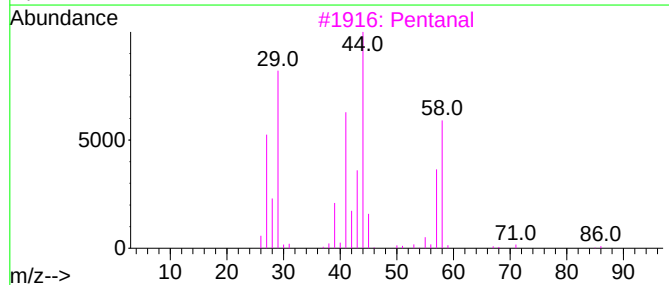
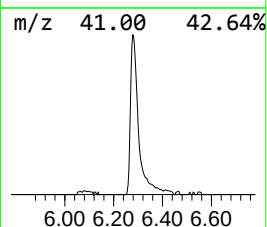
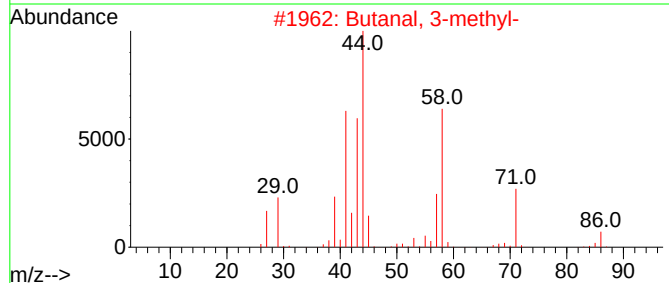
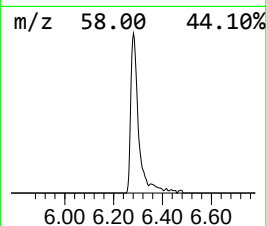
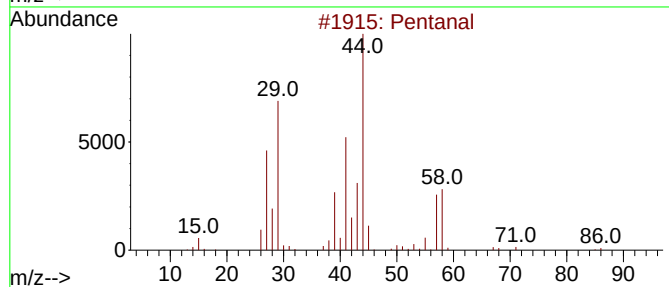
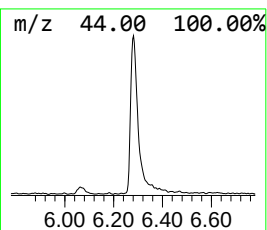
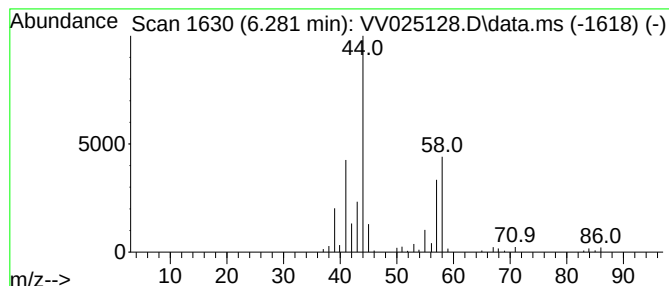
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Pentanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.281	1.93 ug/L	122712	1,4-Difluorobenzene	5.612

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	83
3	Pentanal			86	C5H10O	000110-62-3	78
4	Pentanal			86	C5H10O	000110-62-3	72
5	Pentanal			86	C5H10O	000110-62-3	64



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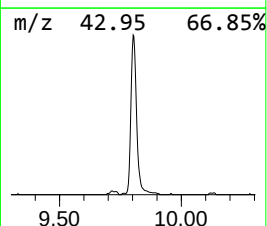
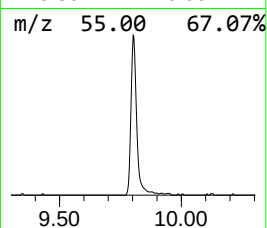
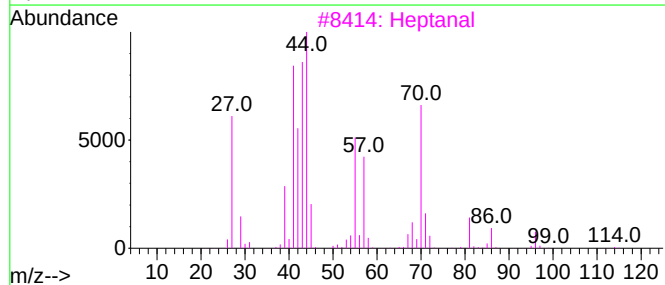
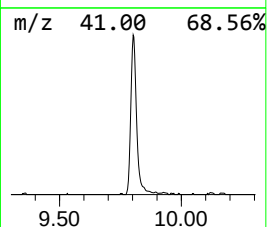
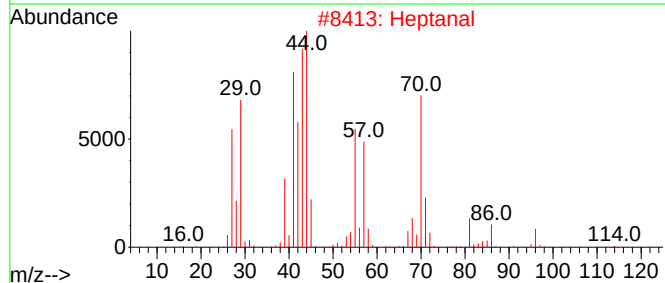
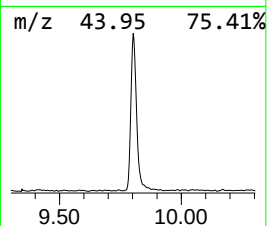
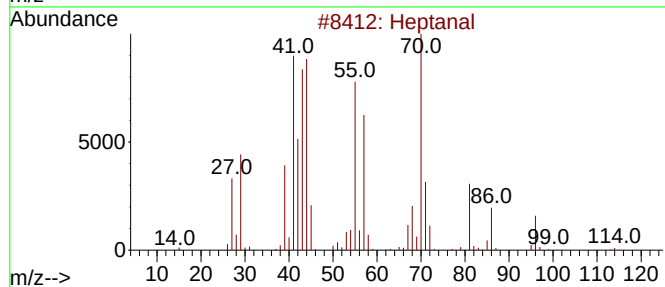
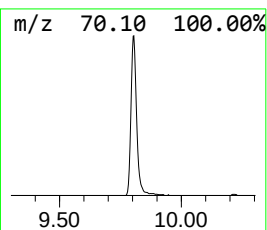
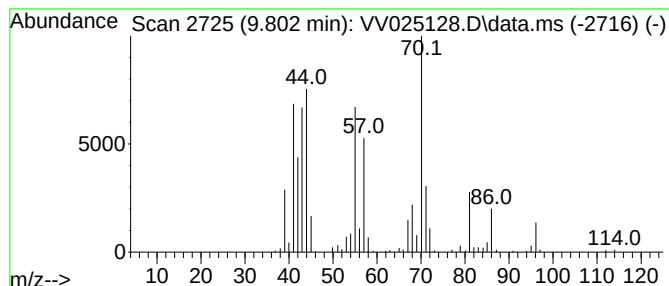
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Heptanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.802	3.43 ug/L	270615	Chlorobenzene-d5	8.850

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	90
5	Heptanal			114	C7H14O	000111-71-7	46



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ALS Vial : 4 Sample Multiplier: 1

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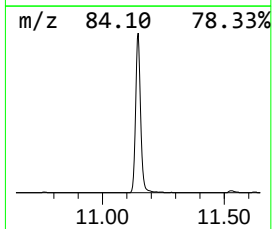
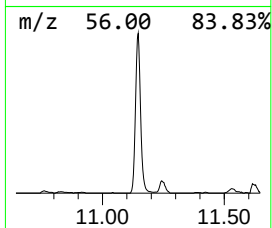
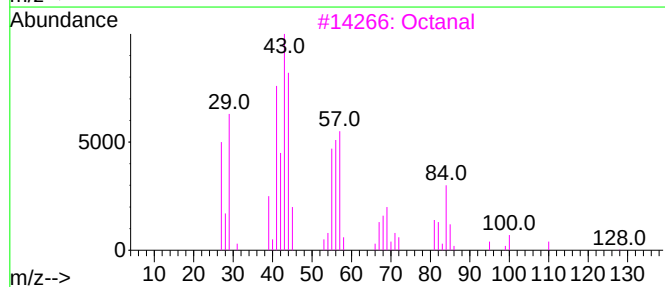
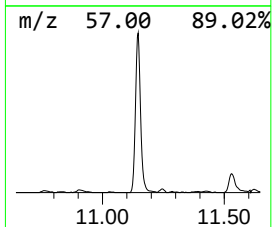
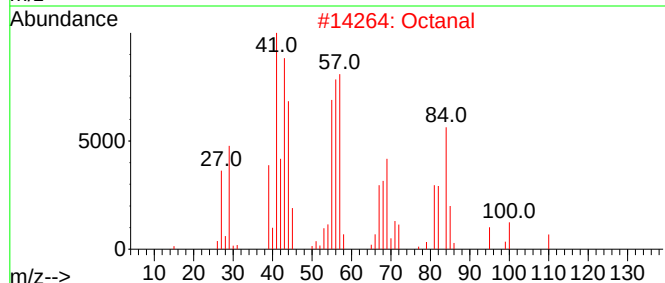
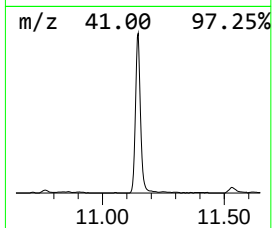
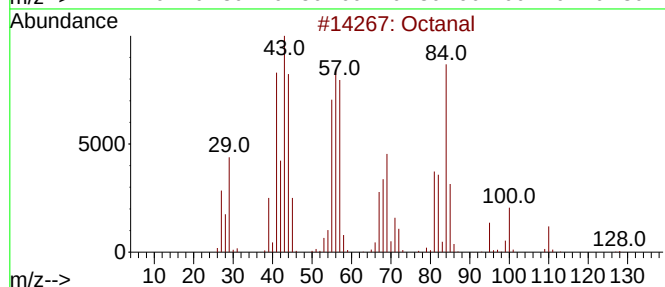
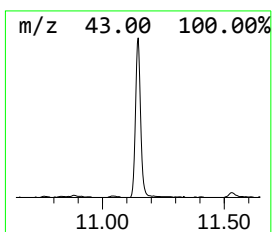
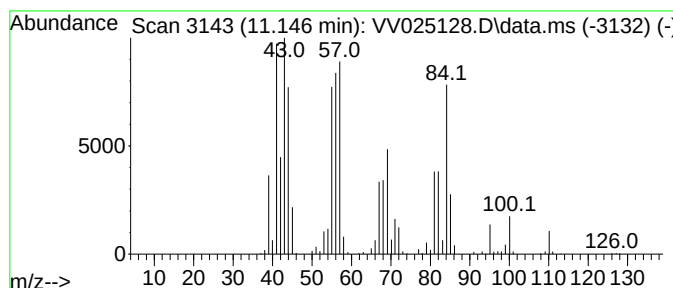
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Octanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.146	8.18 ug/L	656133	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	94
2	Octanal			128	C8H16O	000124-13-0	91
3	Octanal			128	C8H16O	000124-13-0	90
4	Octanal			128	C8H16O	000124-13-0	90
5	Octanal			128	C8H16O	000124-13-0	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032322\
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Misc : 25mL/MSVOA_V/WATER
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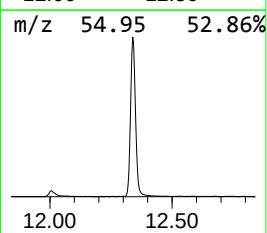
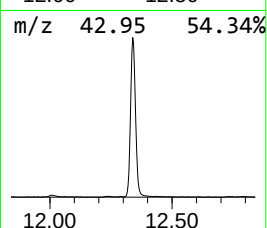
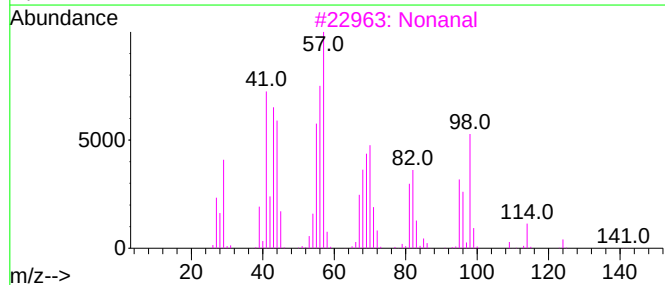
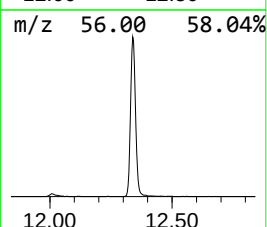
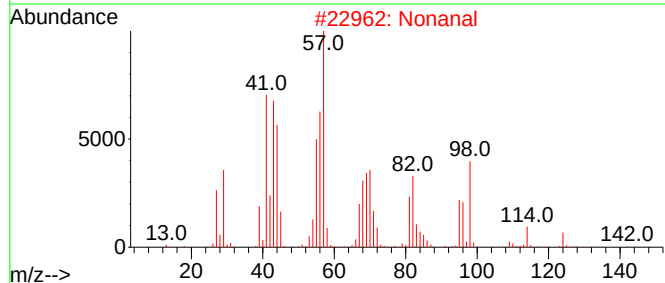
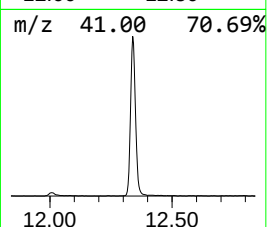
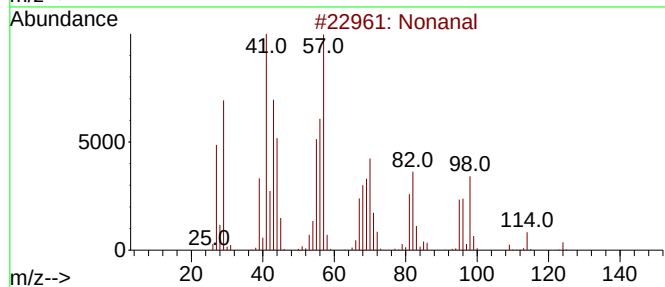
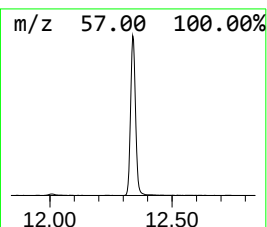
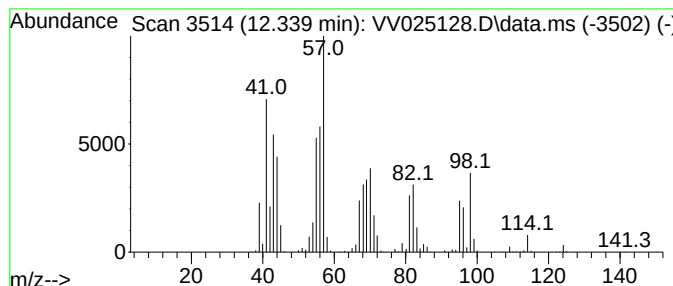
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 Nonanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.339	17.60 ug/L	1411370	1,4-Dichlorobenzene-d4	11.246

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	Carbonic acid, heptyl vinyl ester			186	C10H18O3	1010383-25-4	35



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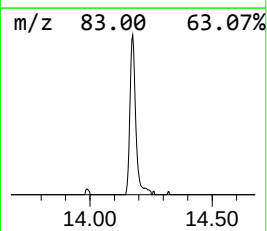
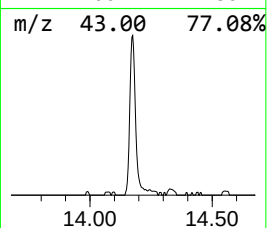
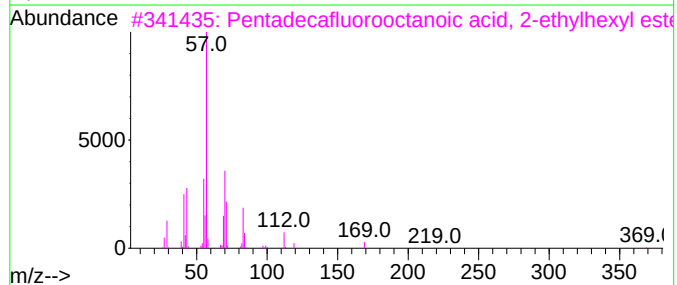
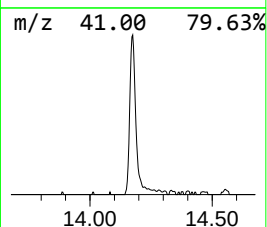
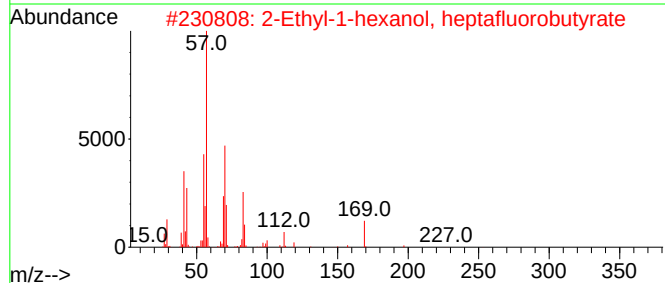
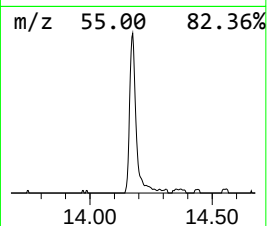
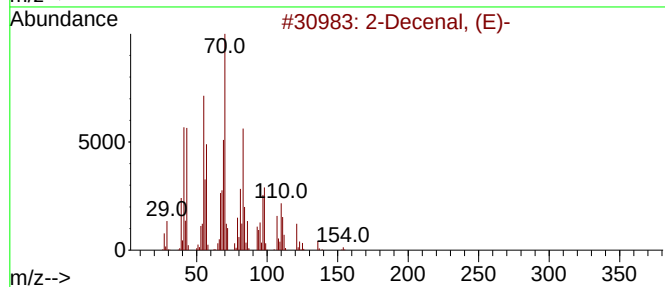
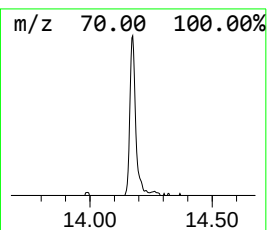
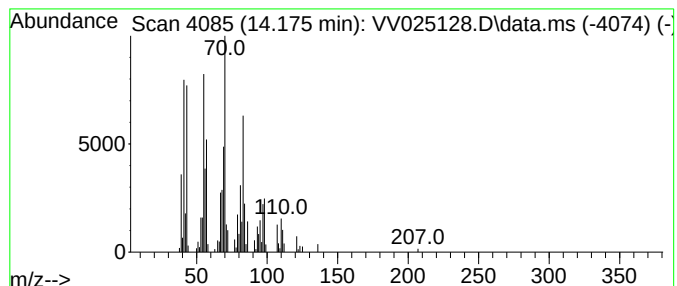
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 2-Decenal, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.175	1.89 ug/L	151227	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Decenal, (E)-	154	C10H18O	003913-81-3	80
2			2-Ethyl-1-hexanol, heptafluorobu...	326	C12H17F7O2	1000365-16-0	53
3			Pentadecafluorooctanoic acid, 2-...	526	C16H17F15O2	1000406-80-9	53
4			2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	50
5			2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	47



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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	6.281	1.9	ug/L	122712	1	5.612	317379	5.0
Heptanal	9.802	3.4	ug/L	270615	2	8.850	394005	5.0
Octanal	11.146	8.2	ug/L	656133	3	11.246	400874	5.0
Nonanal	12.339	17.6	ug/L	1411370	3	11.246	400874	5.0
2-Decenal, (E)-	14.175	1.9	ug/L	151227	3	11.246	400874	5.0