

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032422\
 Data File : VV025151.D
 Acq On : 24 Mar 2022 15:17
 Operator : SY/MD
 Sample : N2044-13
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY36

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: VV025151.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.111	16	22	37	rVB	84758	79504	13.10%	1.136%
2	1.179	38	43	47	rBV	21222	19641	3.24%	0.281%
3	1.204	47	51	72	rVB2	17101	22712	3.74%	0.325%
4	1.307	73	83	90	rBV2	128656	161788	26.66%	2.312%
5	1.426	112	120	128	rVB5	11316	18261	3.01%	0.261%
6	1.571	156	165	175	rVB	82836	95461	15.73%	1.364%
7	1.767	219	226	233	rBV2	7975	10849	1.79%	0.155%
8	1.812	233	240	255	rVB6	12844	23451	3.86%	0.335%
9	1.979	282	292	301	rBV5	6897	10967	1.81%	0.157%
10	2.111	321	333	348	rBV2	209793	351563	57.93%	5.023%
11	2.352	400	408	420	rVB	7560	12425	2.05%	0.178%
12	2.773	524	539	554	rBV2	13573	29697	4.89%	0.424%
13	3.191	654	669	690	rBV	175974	370375	61.03%	5.292%
14	3.899	877	889	925	rBV	47587	165141	27.21%	2.359%
15	4.352	1013	1030	1058	rBV	103792	266865	43.97%	3.813%
16	4.609	1092	1110	1131	rBV3	18530	47771	7.87%	0.683%
17	5.050	1231	1247	1287	rBV2	244154	606901	100.00%	8.671%
18	5.619	1412	1424	1453	rBV	160699	326564	53.81%	4.666%
19	5.918	1505	1517	1543	rVB4	47694	100749	16.60%	1.439%
20	6.069	1552	1564	1587	rBV	130694	266724	43.95%	3.811%
21	6.294	1624	1634	1652	rBV2	15186	33561	5.53%	0.480%
22	6.989	1835	1850	1875	rBV2	59727	114082	18.80%	1.630%
23	7.317	1940	1952	1970	rBV	305040	535990	88.32%	7.658%
24	7.397	1970	1977	1993	rVB2	8914	18601	3.06%	0.266%
25	7.625	2038	2048	2068	rBV	32152	58959	9.71%	0.842%
26	7.940	2132	2146	2151	rBV2	16081	26864	4.43%	0.384%
27	7.979	2151	2158	2171	rVB3	20371	36722	6.05%	0.525%
28	8.088	2182	2192	2226	rBV	217941	416868	68.69%	5.956%
29	8.239	2229	2239	2266	rBV	152013	267236	44.03%	3.818%
30	8.850	2418	2429	2457	rBV	241167	397317	65.47%	5.677%
31	9.809	2717	2727	2741	rBV2	41941	71948	11.85%	1.028%
32	10.214	2843	2853	2873	rBV	84813	131892	21.73%	1.884%
33	10.381	2892	2905	2917	rVB2	41131	66807	11.01%	0.955%
34	10.719	2998	3010	3016	rBV	40816	58073	9.57%	0.830%
35	10.757	3016	3022	3038	rVB3	21046	36915	6.08%	0.527%
36	10.857	3045	3053	3063	rBV	9939	16098	2.65%	0.230%

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37	10.911	3064	3070	3085	rVB8	4399	8674	1.43%	0.124%
38	11.146	3133	3143	3164	rBV2	133092	210799	34.73%	3.012%
39	11.246	3164	3174	3191	rVB	260743	406247	66.94%	5.804%
40	11.622	3280	3291	3307	rBV	269048	418810	69.01%	5.984%
41	12.008	3402	3411	3426	rBV4	12922	24569	4.05%	0.351%
42	12.249	3471	3486	3497	rBV2	19944	33464	5.51%	0.478%
43	12.342	3503	3515	3544	rBV	308543	464849	76.59%	6.642%
44	13.140	3751	3763	3777	rBV7	5239	9206	1.52%	0.132%
45	14.040	4032	4043	4053	rBV2	7937	12245	2.02%	0.175%
46	14.175	4075	4085	4099	rBV2	76320	120602	19.87%	1.723%
47	15.146	4377	4387	4397	rVB6	9979	14208	2.34%	0.203%

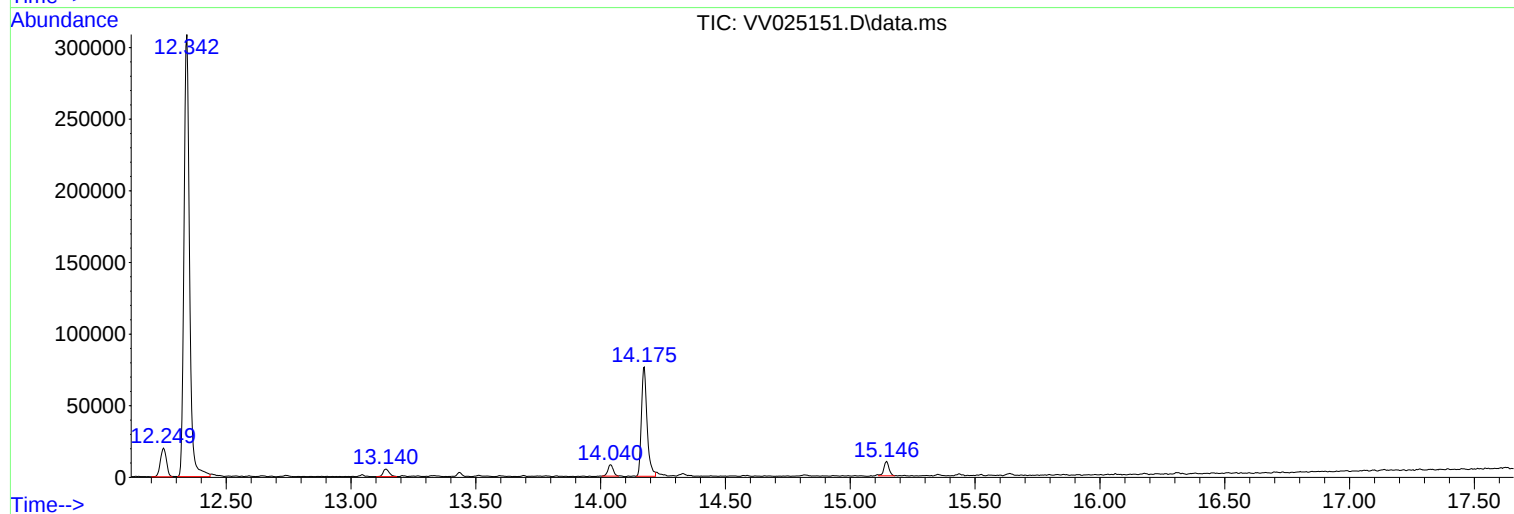
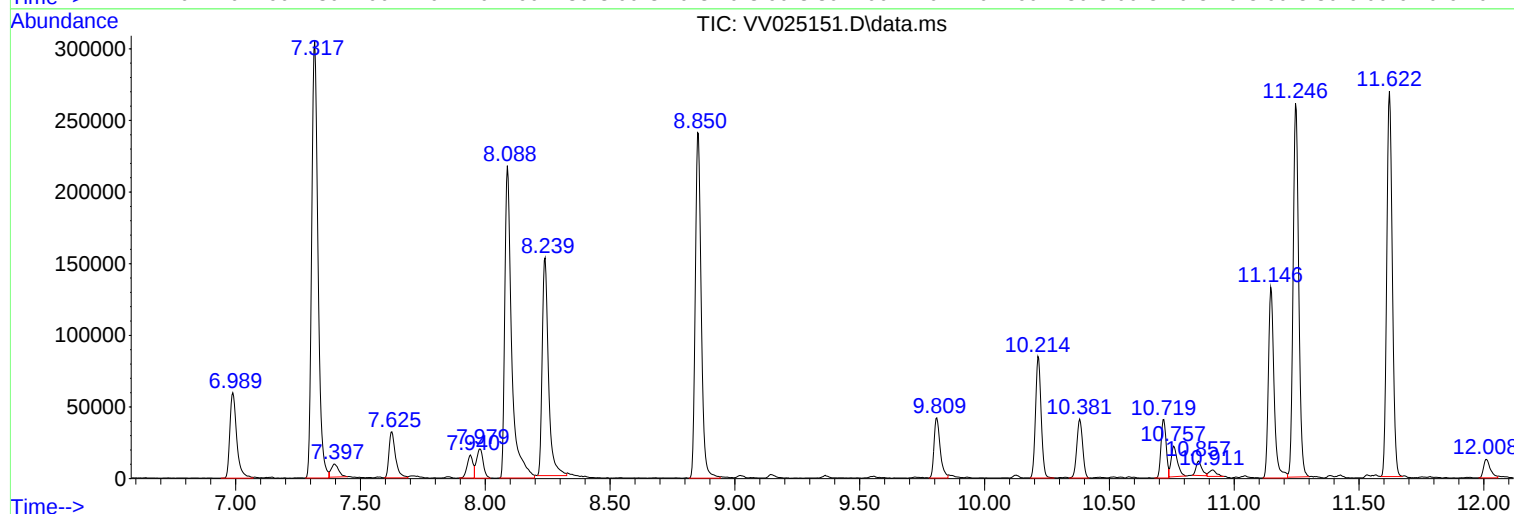
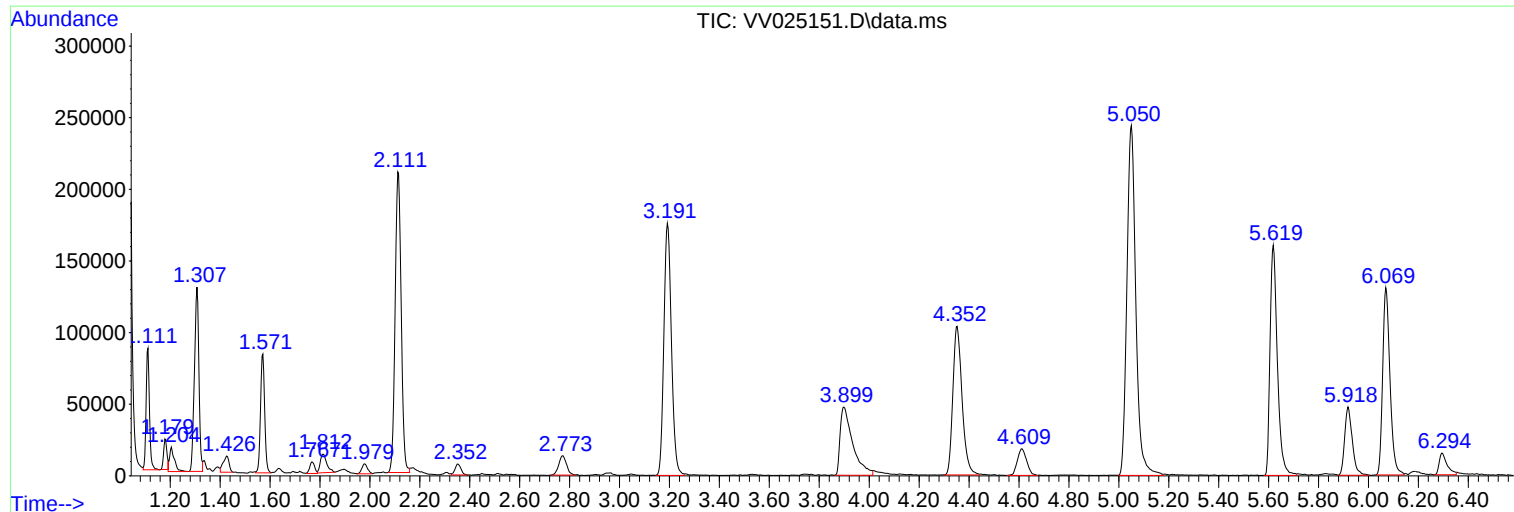
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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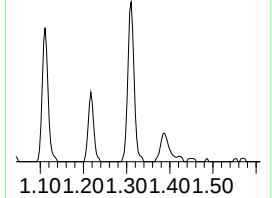
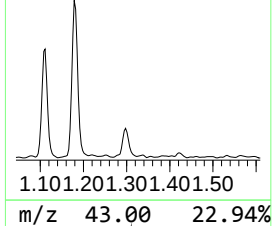
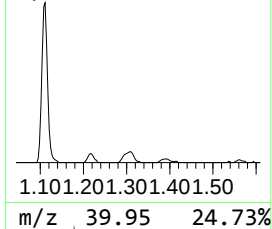
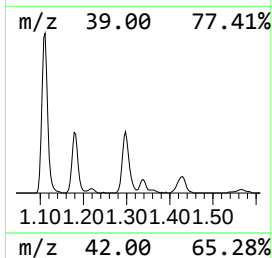
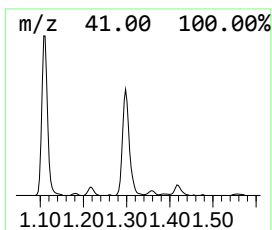
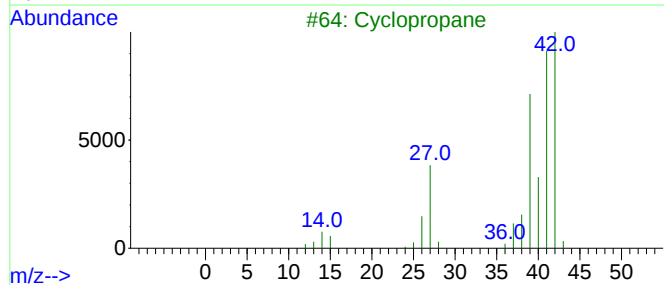
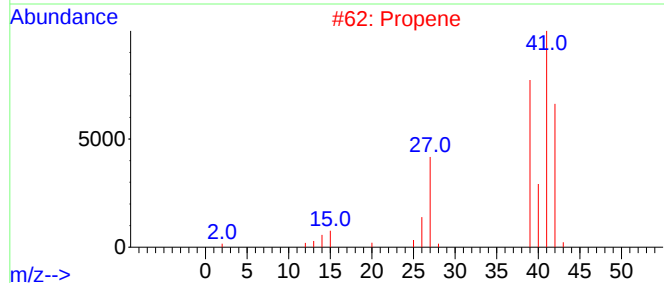
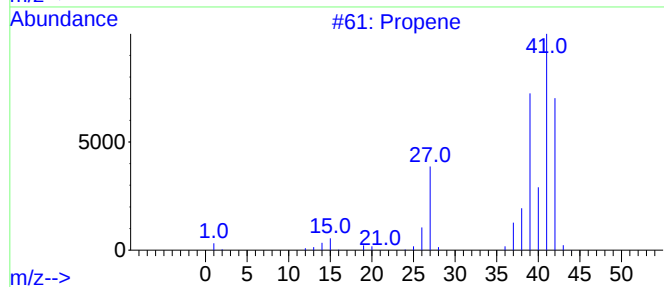
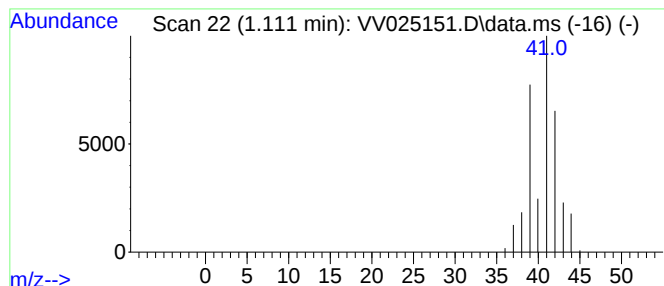
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.111	1.22 ug/L	79504	1,4-Difluorobenzene	5.619

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propene	42	C3H6	000115-07-1	90
2			Propene	42	C3H6	000115-07-1	56
3			Cyclopropane	42	C3H6	000075-19-4	10
4			Cyclopropane	42	C3H6	000075-19-4	10
5			2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	9



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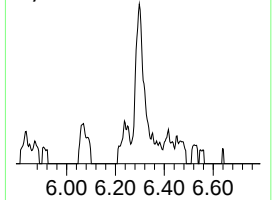
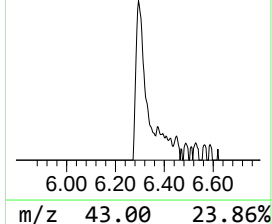
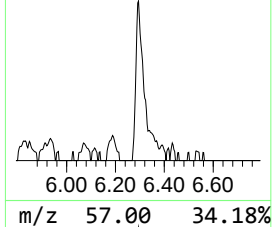
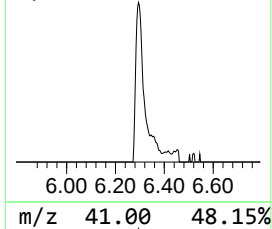
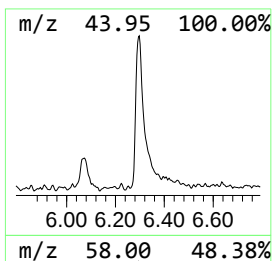
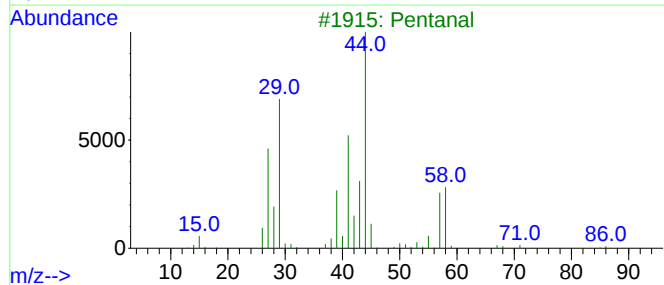
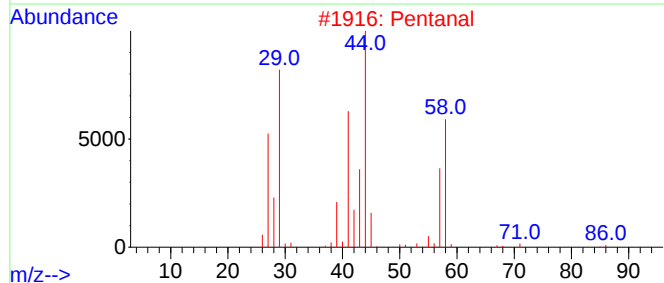
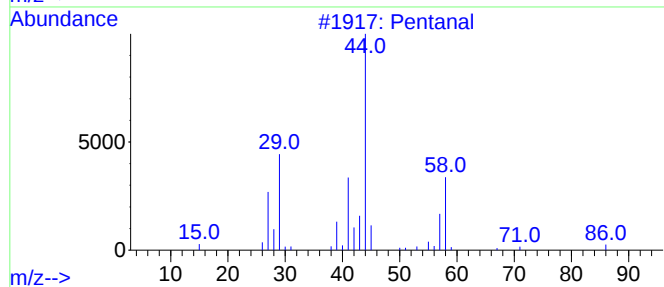
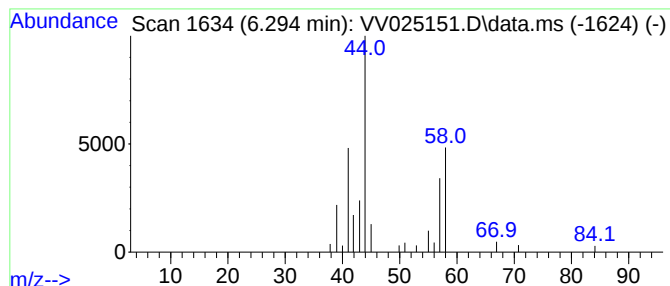
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Pentanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.294	0.51 ug/L	33561	1,4-Difluorobenzene	5.619

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentanal	86	C5H10O	000110-62-3	72
2			Pentanal	86	C5H10O	000110-62-3	64
3			Pentanal	86	C5H10O	000110-62-3	64
4			Acetamide, 2-cyano-	84	C3H4N2O	000107-91-5	9
5			Cyclopropyl carbinol	72	C4H8O	002516-33-8	9



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ALS Vial : 5 Sample Multiplier: 1

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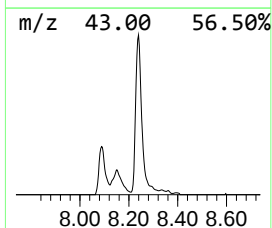
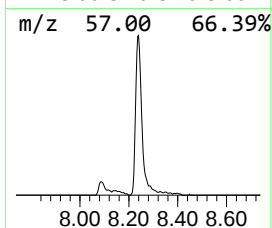
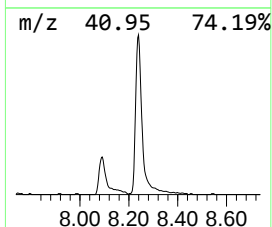
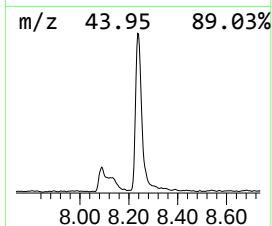
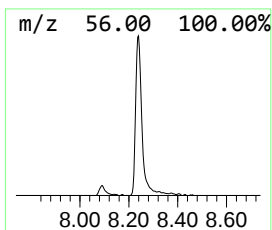
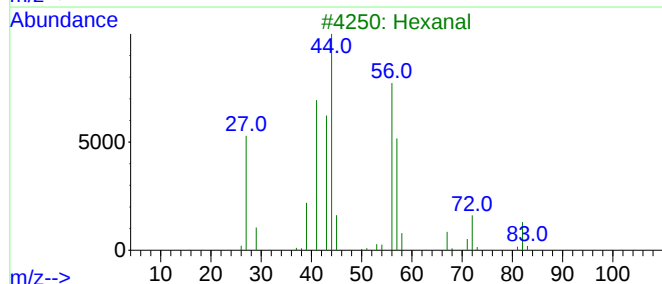
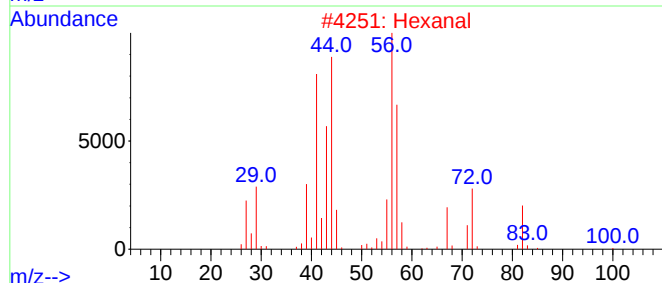
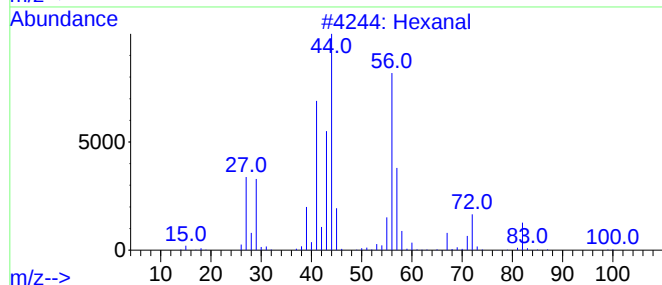
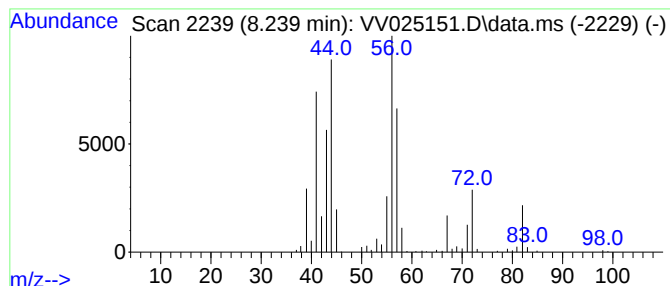
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.239	3.36 ug/L	267236	Chlorobenzene-d5	8.850

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	90
2	Hexanal			100	C6H12O	000066-25-1	90
3	Hexanal			100	C6H12O	000066-25-1	90
4	Hexanal			100	C6H12O	000066-25-1	83
5	Hexanal			100	C6H12O	000066-25-1	83



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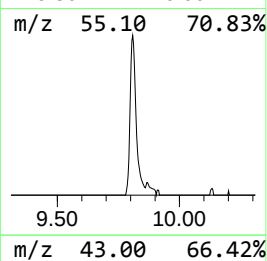
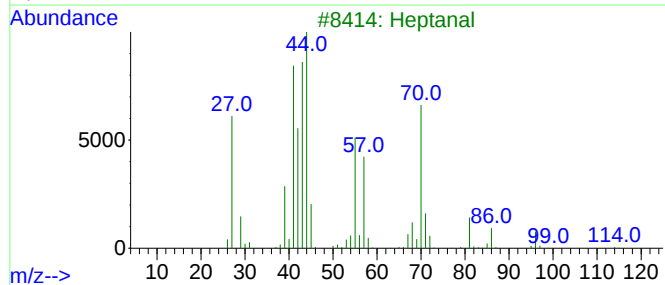
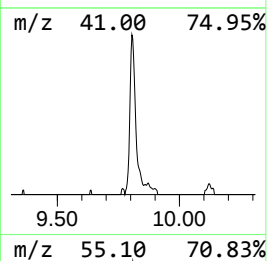
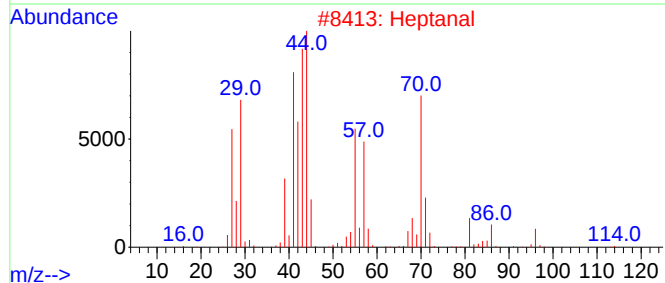
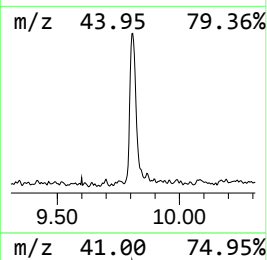
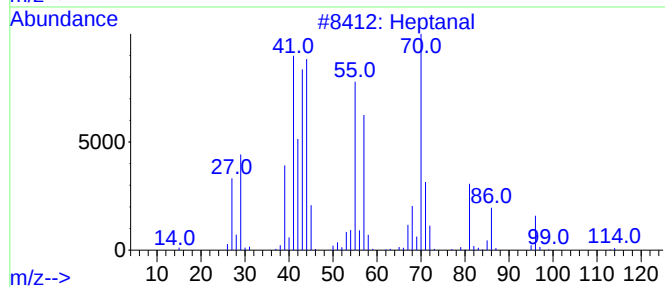
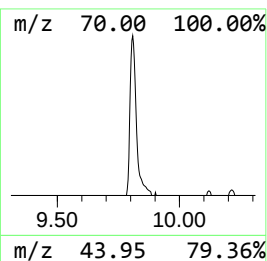
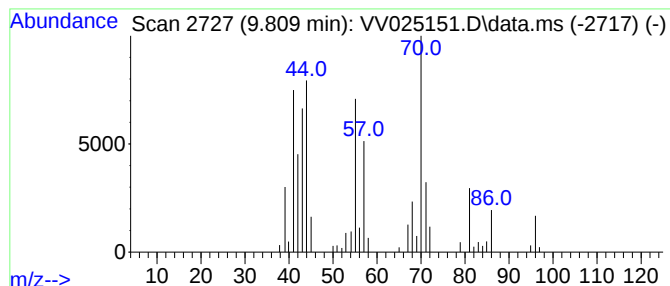
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 Heptanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.809	0.91 ug/L	71948	Chlorobenzene-d5	8.850

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal			114	C7H14O	000111-71-7	91
2	Heptanal			114	C7H14O	000111-71-7	83
3	Heptanal			114	C7H14O	000111-71-7	83
4	Heptanal			114	C7H14O	000111-71-7	72
5	Heptanal			114	C7H14O	000111-71-7	43



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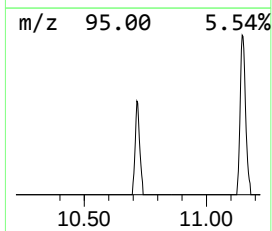
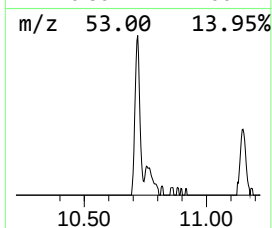
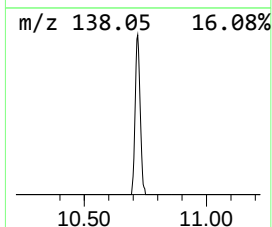
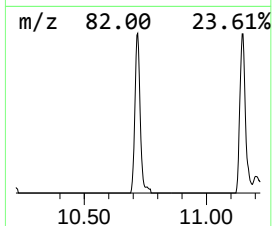
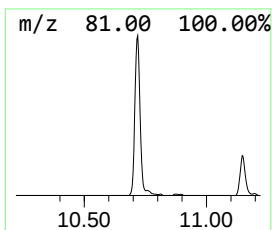
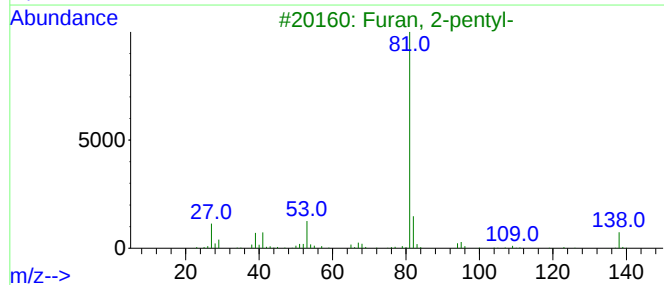
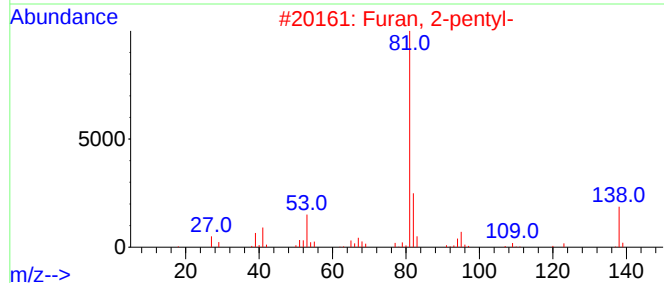
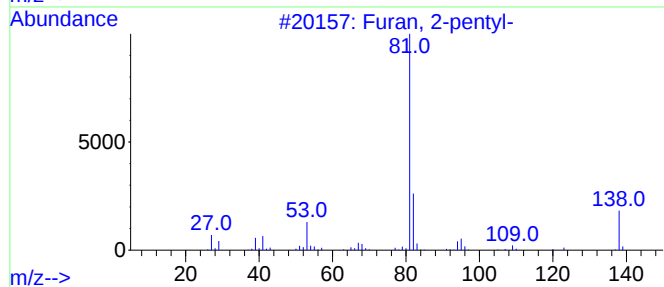
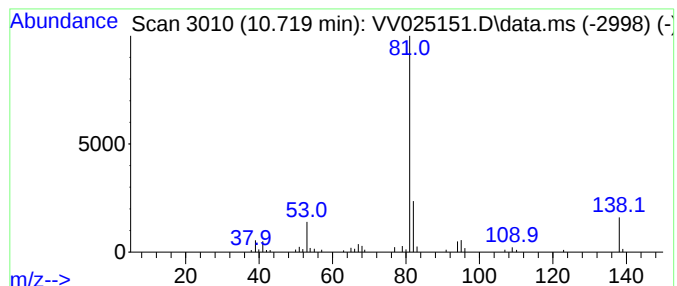
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 Furan, 2-pentyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.719	0.71 ug/L	58073	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Furan, 2-pentyl-	138	C9H14O	003777-69-3	91
2			Furan, 2-pentyl-	138	C9H14O	003777-69-3	86
3			Furan, 2-pentyl-	138	C9H14O	003777-69-3	83
4			Cyclohexene,3-butyl-	138	C10H18	003983-07-1	72
5			2,4-Nonadienal, (E,E)-	138	C9H14O	005910-87-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032422\
Data File : VV025151.D
Acq On : 24 Mar 2022 15:17
Operator : SY/MD
Sample : N2044-13
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY36

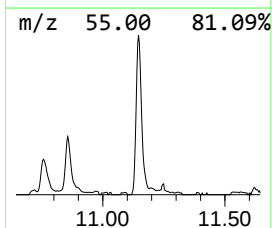
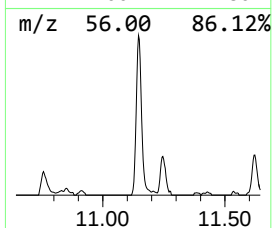
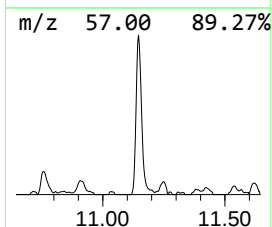
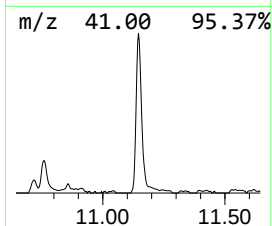
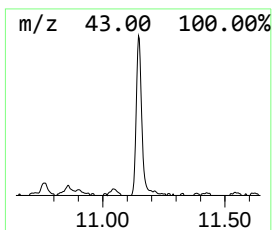
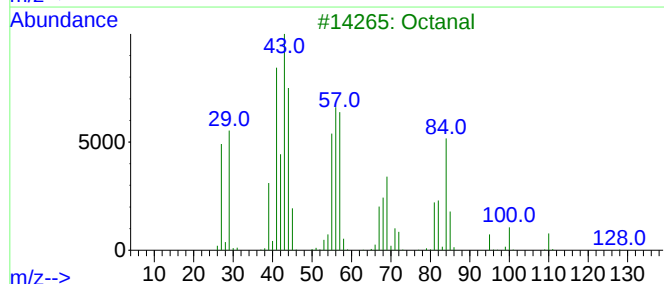
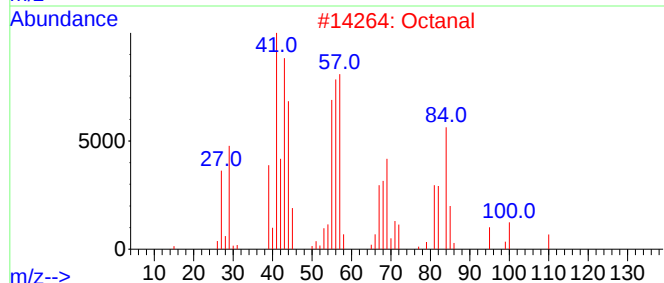
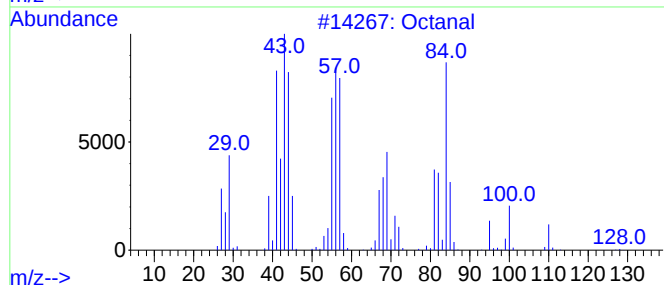
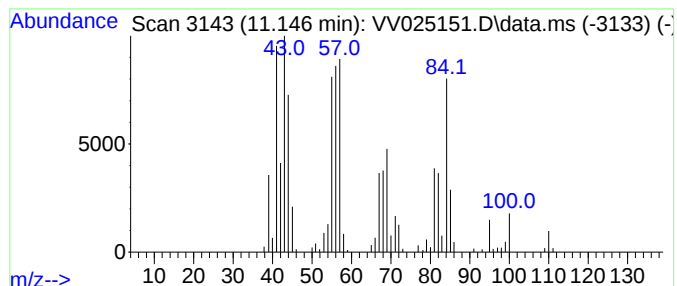
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 Octanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.146	2.59 ug/L	210799	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	91
2	Octanal			128	C8H16O	000124-13-0	90
3	Octanal			128	C8H16O	000124-13-0	83
4	Octanal			128	C8H16O	000124-13-0	83
5	Octanal			128	C8H16O	000124-13-0	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032422\
Data File : VV025151.D
Acq On : 24 Mar 2022 15:17
Operator : SY/MD
Sample : N2044-13
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY36

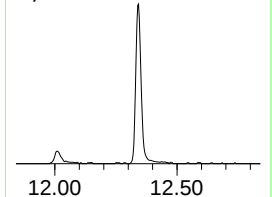
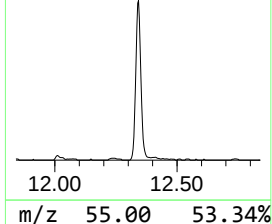
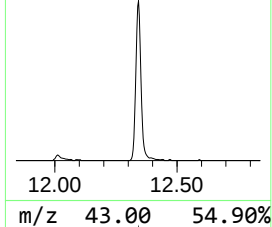
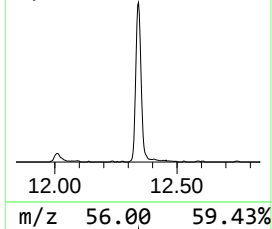
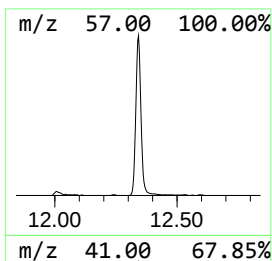
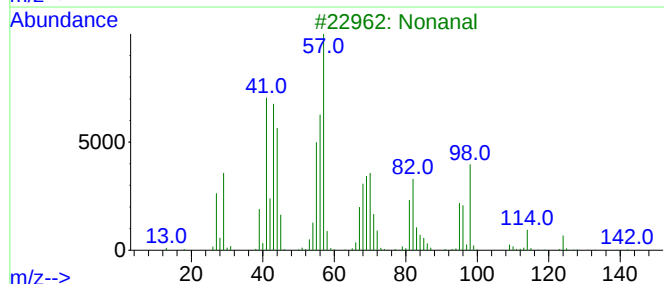
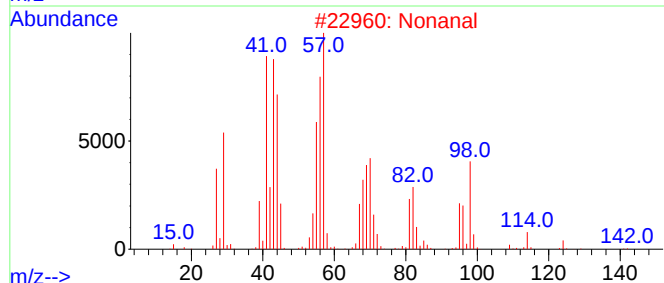
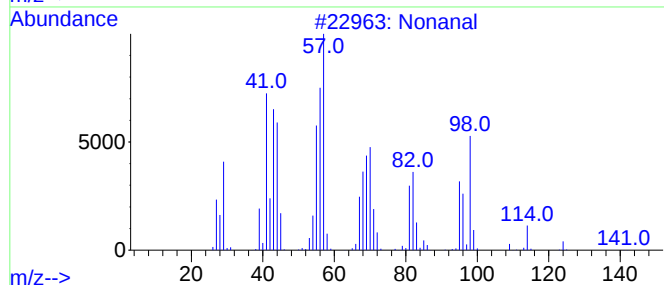
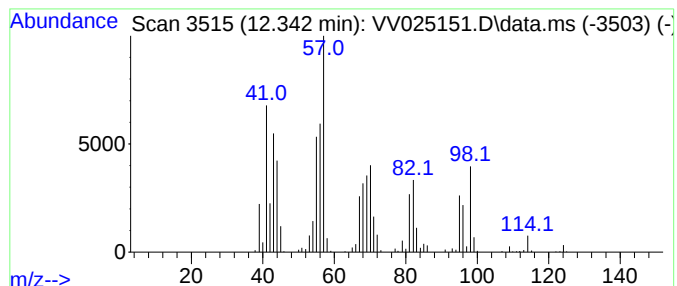
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 Nonanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.342	5.72 ug/L	464849	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	83
3			Nonanal	142	C9H18O	000124-19-6	80
4			Nonanal	142	C9H18O	000124-19-6	80
5			Cycloheptane	98	C7H14	000291-64-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032422\
Data File : VV025151.D
Acq On : 24 Mar 2022 15:17
Operator : SY/MD
Sample : N2044-13
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY36

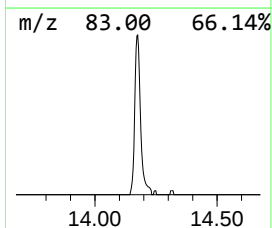
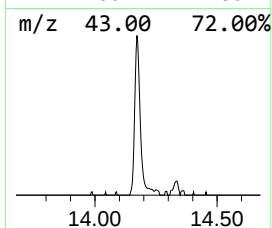
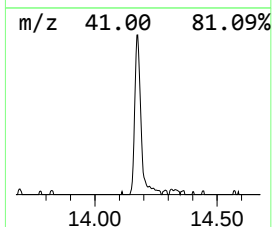
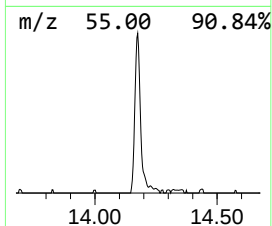
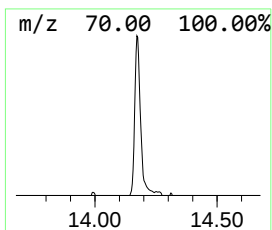
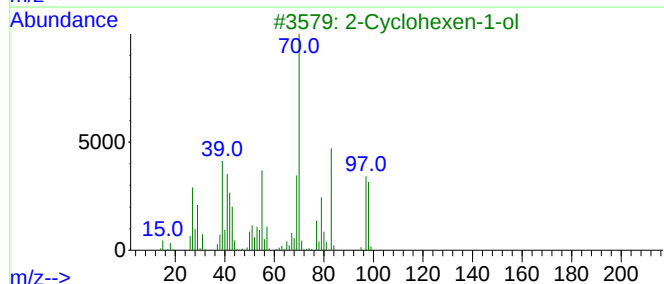
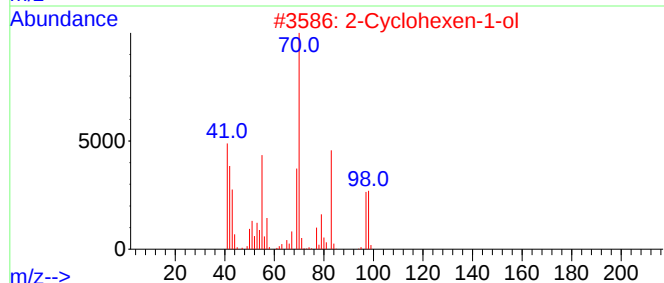
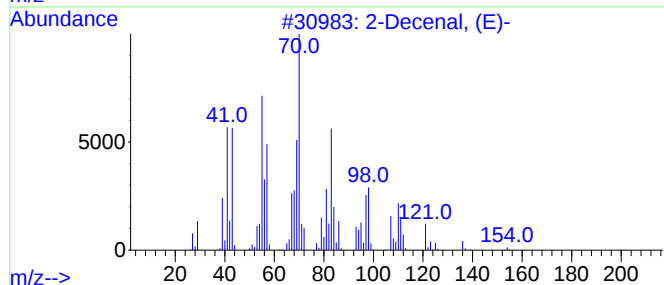
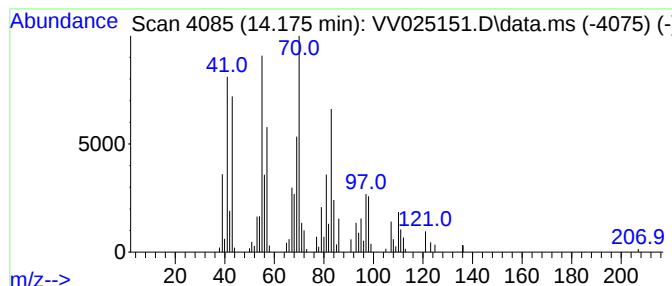
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 2-Decenal, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.175	1.48 ug/L	120602	1,4-Dichlorobenzene-d4	11.246

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Decenal, (E)-	154	C10H18O	003913-81-3	87
2			2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	58
3			2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	53
4			2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	53
5			2-Pentadecyn-1-ol	224	C15H28O	002834-00-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032422\
Data File : VV025151.D
Acq On : 24 Mar 2022 15:17
Operator : SY/MD
Sample : N2044-13
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY36

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.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...	1.111	1.2	ug/L	79504	1	5.619	326564	5.0
Pentanal	6.294	0.5	ug/L	33561	1	5.619	326564	5.0
Hexanal	8.239	3.4	ug/L	267236	2	8.850	397317	5.0
Heptanal	9.809	0.9	ug/L	71948	2	8.850	397317	5.0
Furan, 2-pentyl-	10.719	0.7	ug/L	58073	3	11.246	406247	5.0
Octanal	11.146	2.6	ug/L	210799	3	11.246	406247	5.0
Nonanal	12.342	5.7	ug/L	464849	3	11.246	406247	5.0
2-Decenal, (E)-	14.175	1.5	ug/L	120602	3	11.246	406247	5.0