

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
 Data File : VU047335.D
 Acq On : 04 Mar 2022 17:31
 Operator : SY/MD
 Sample : N1773-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY15

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\SFAMUTR030422WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU047335.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.369	3	9	27	rVB	78683	81627	7.27%	0.630%
2	1.456	29	36	44	rBV	21221	21896	1.95%	0.169%
3	1.501	44	50	56	rBV	16356	16997	1.51%	0.131%
4	1.613	74	85	94	rBV2	115790	169366	15.09%	1.308%
5	1.748	117	127	130	rBV6	11079	18862	1.68%	0.146%
6	1.938	177	186	199	rBV	77996	103605	9.23%	0.800%
7	2.176	254	260	266	rVB2	9876	12059	1.07%	0.093%
8	2.224	268	275	285	rVB	19369	26314	2.34%	0.203%
9	2.584	376	387	416	rVB3	203401	381548	34.00%	2.946%
10	3.883	782	791	807	rVB	17698	40049	3.57%	0.309%
11	4.504	964	984	1004	rBV4	8054	30312	2.70%	0.234%
12	4.687	1025	1041	1050	rBV	102746	249391	22.22%	1.926%
13	5.086	1151	1165	1183	rBV	125854	274372	24.45%	2.119%
14	5.340	1231	1244	1256	rVB3	7356	16960	1.51%	0.131%
15	5.758	1354	1374	1402	rBV2	267510	657151	58.55%	5.075%
16	6.279	1522	1536	1553	rVB	217333	401327	35.76%	3.099%
17	6.568	1611	1626	1646	rBV	567110	1049274	93.49%	8.103%
18	6.719	1660	1673	1698	rBV	160738	319730	28.49%	2.469%
19	6.915	1720	1734	1765	rBV2	70924	158884	14.16%	1.227%
20	7.459	1877	1903	1905	rBV2	12929	53204	4.74%	0.411%
21	7.584	1932	1942	1959	rVB	91420	158098	14.09%	1.221%
22	7.912	2033	2044	2059	rBV	320217	540154	48.13%	4.171%
23	8.195	2122	2132	2144	rBV	59403	96247	8.58%	0.743%
24	8.562	2234	2246	2262	rBV	516991	861796	76.78%	6.655%
25	8.655	2262	2275	2288	rBV	454811	828600	73.83%	6.399%
26	8.799	2308	2320	2361	rVB	591507	1041289	92.78%	8.041%
27	9.423	2502	2514	2529	rBV	296029	484127	43.13%	3.739%
28	10.349	2789	2802	2824	rVB	248214	389047	34.66%	3.004%
29	10.761	2918	2930	2947	rBV	146885	240981	21.47%	1.861%
30	10.893	2962	2971	2983	rBV	11038	19992	1.78%	0.154%
31	11.259	3075	3085	3090	rBV	27948	42429	3.78%	0.328%
32	11.298	3090	3097	3108	rVB	74699	114805	10.23%	0.887%
33	11.388	3117	3125	3133	rBV	35801	54834	4.89%	0.423%
34	11.471	3145	3151	3163	rVB3	10049	15934	1.42%	0.123%
35	11.687	3205	3218	3234	rBV	470298	701386	62.49%	5.416%
36	11.812	3245	3257	3276	rVB	347631	549300	48.94%	4.242%

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Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Title : TRACE VOA SFAM1.0

37	12.089	3327	3343	3358	rVB6	6605	15214	1.36%	0.117%
38	12.195	3363	3376	3388	rBV	345509	545951	48.64%	4.216%
39	12.545	3471	3485	3513	rBV3	79190	144013	12.83%	1.112%
40	12.774	3547	3556	3563	rBV3	10224	19087	1.70%	0.147%
41	12.886	3576	3591	3611	rBV	791962	1122354	100.00%	8.667%
42	13.683	3829	3839	3857	rVB2	40462	64823	5.78%	0.501%
43	13.889	3890	3903	3913	rBV2	8416	17406	1.55%	0.134%
44	13.983	3919	3932	3945	rVB7	10507	19741	1.76%	0.152%
45	14.346	4031	4045	4056	rBV7	5159	12420	1.11%	0.096%
46	14.732	4151	4165	4189	rBV	251753	393454	35.06%	3.038%
47	15.368	4351	4363	4379	rBV2	24994	47268	4.21%	0.365%
48	15.706	4457	4468	4483	rBV5	21184	38827	3.46%	0.300%
49	16.886	4823	4835	4850	rBV	174242	287006	25.57%	2.216%

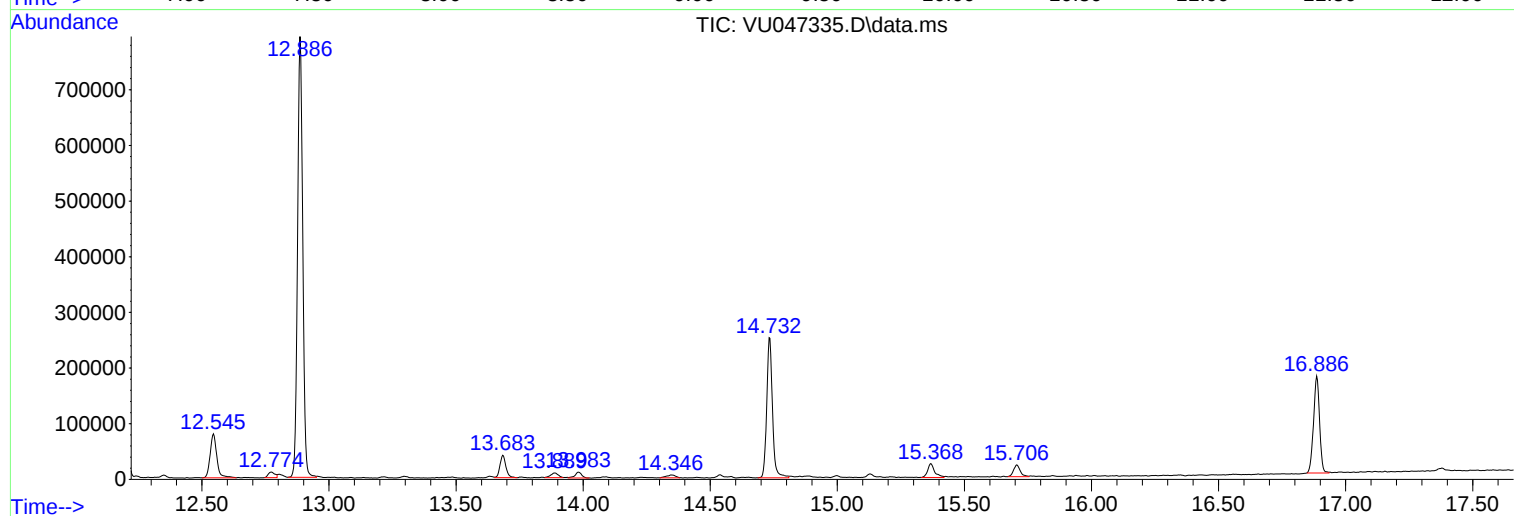
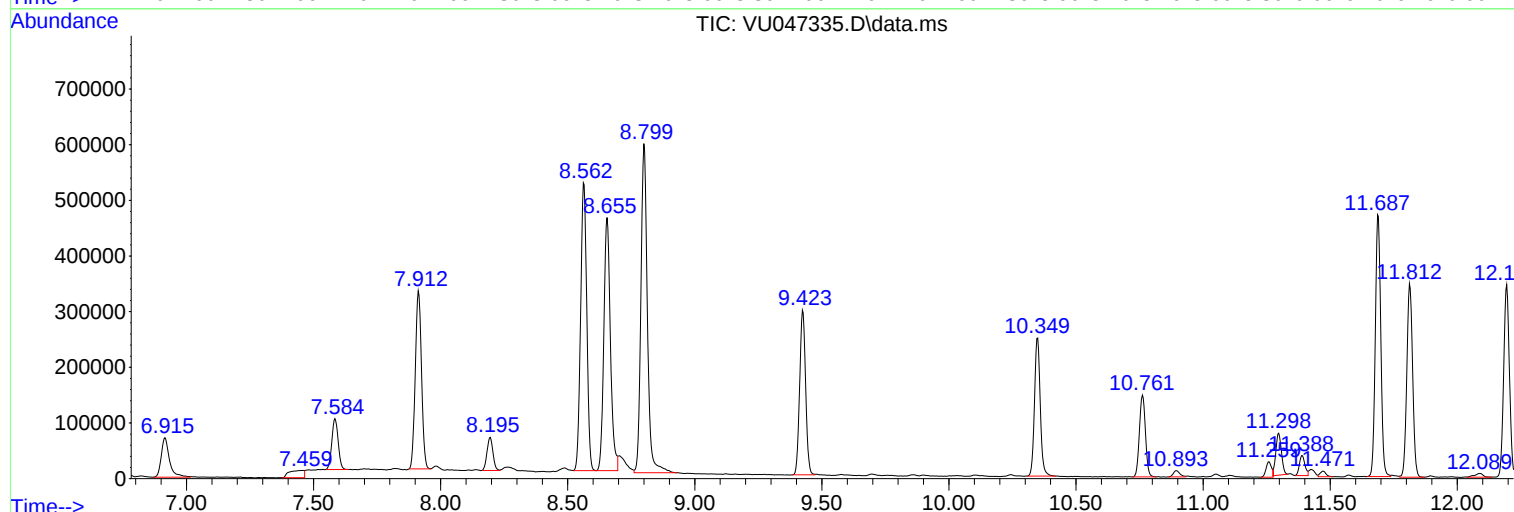
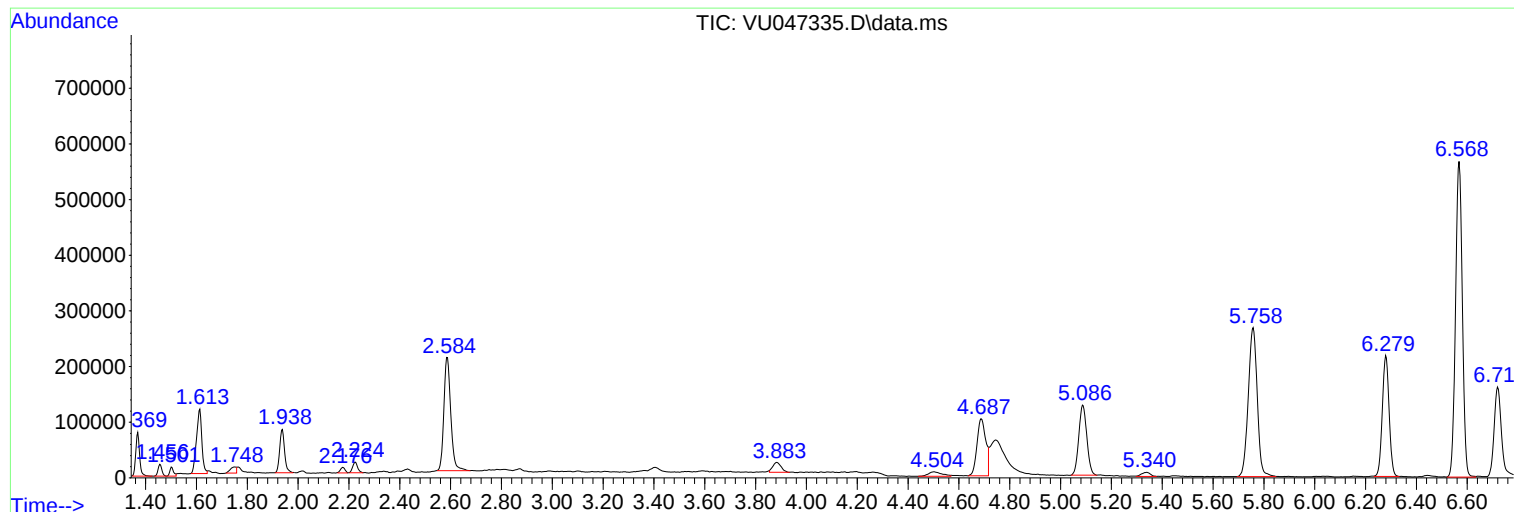
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ClientSampleId :
BFY15

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
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Instrument :
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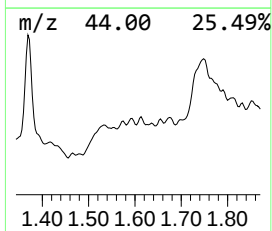
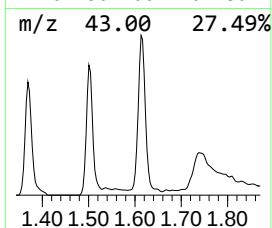
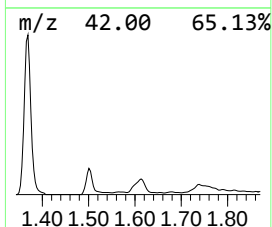
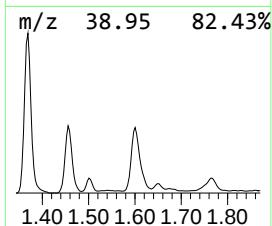
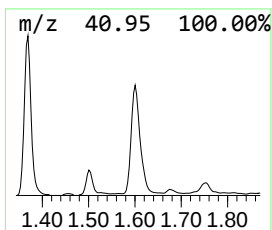
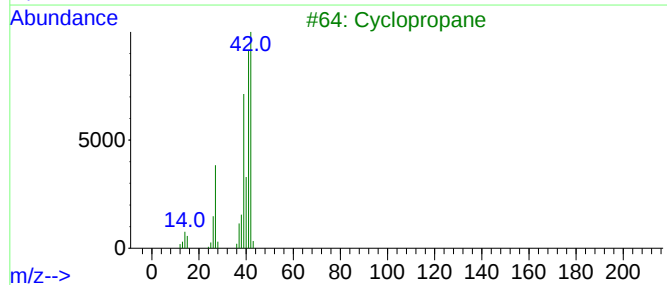
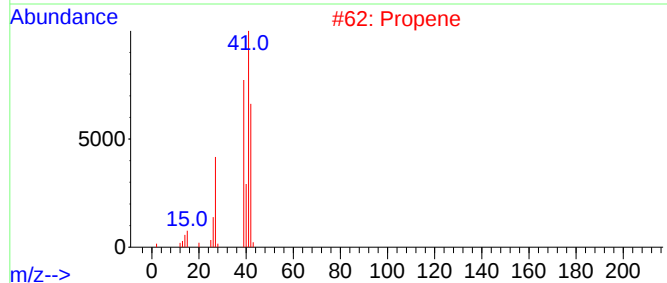
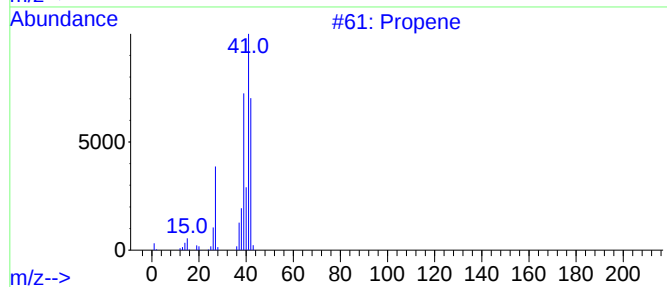
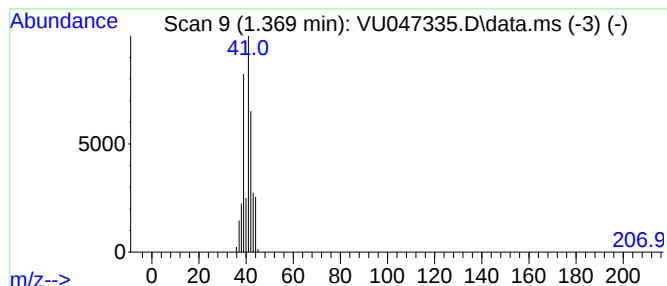
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.369	1.02 ug/L	81627	1,4-Difluorobenzene	6.279

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Propene	42	C3H6	000115-07-1	90
2		Propene	42	C3H6	000115-07-1	42
3		Cyclopropane	42	C3H6	000075-19-4	9
4		Cyclopropene	40	C3H4	002781-85-3	9
5		Cyclopropane	42	C3H6	000075-19-4	7



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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY15

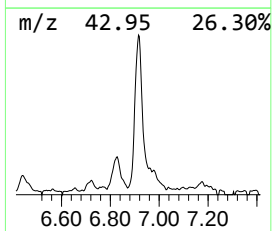
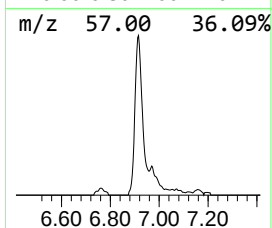
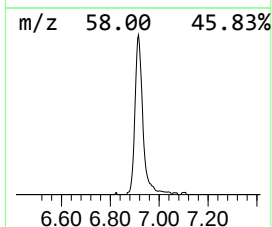
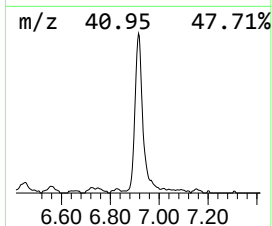
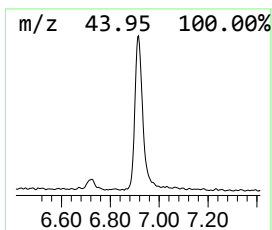
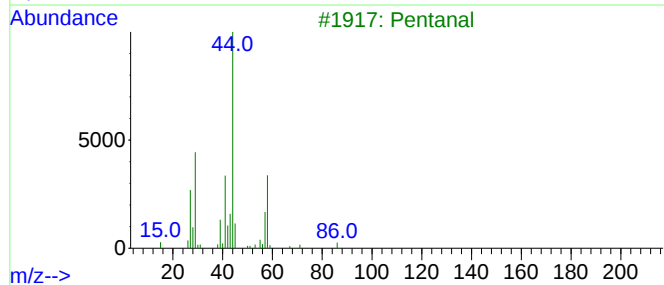
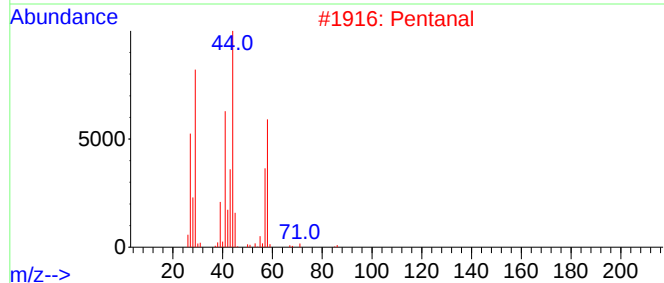
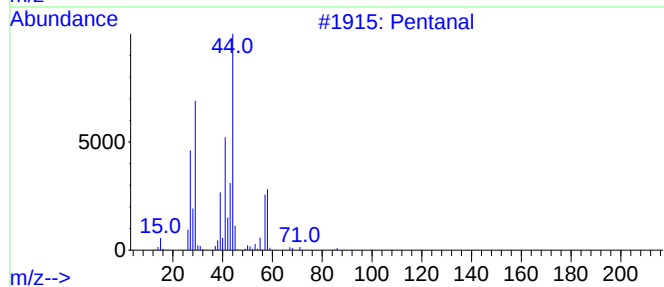
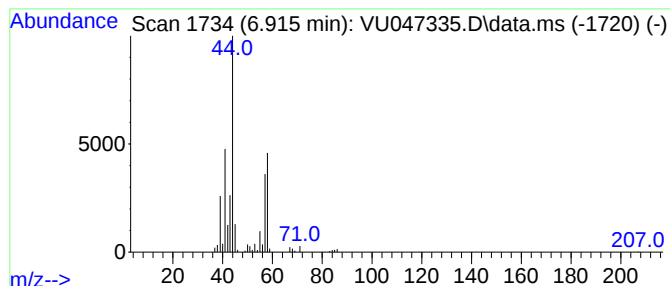
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Pentanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.915	1.98 ug/L	158884	1,4-Difluorobenzene	6.279

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal			86	C5H10O	000110-62-3	86
2	Pentanal			86	C5H10O	000110-62-3	86
3	Pentanal			86	C5H10O	000110-62-3	83
4	Butanal, 3-methyl-			86	C5H10O	000590-86-3	74
5	Pentanal			86	C5H10O	000110-62-3	64



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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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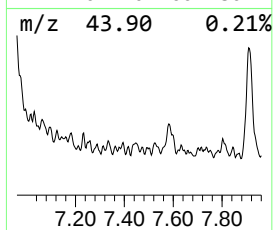
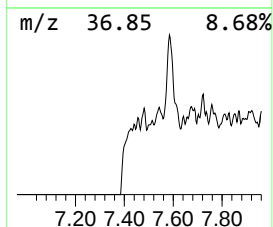
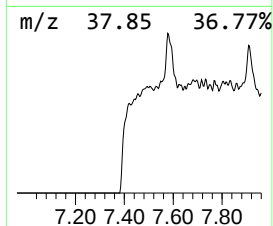
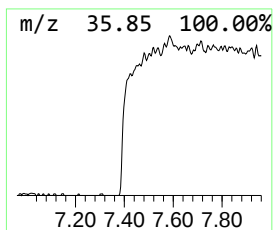
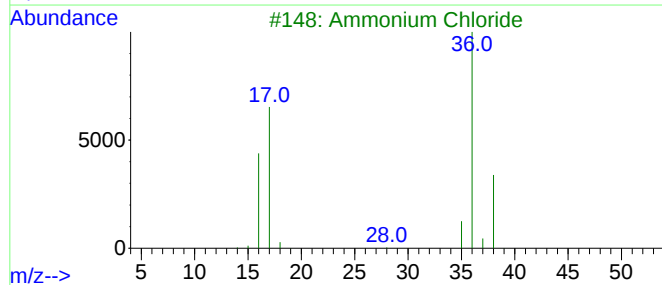
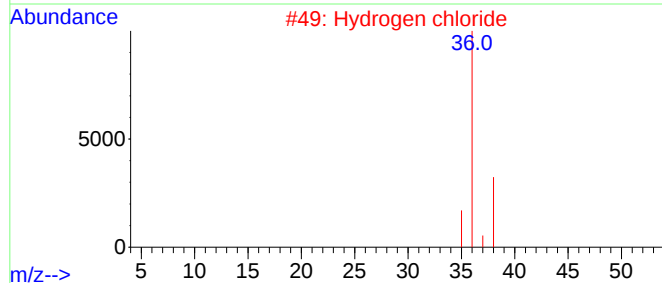
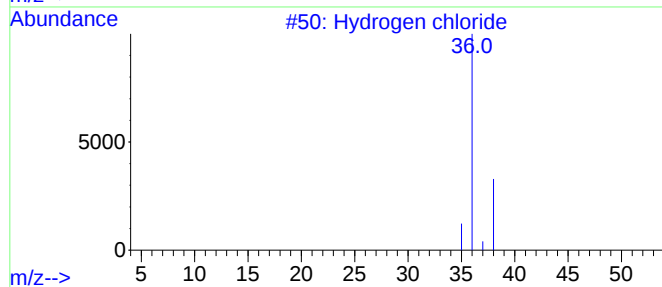
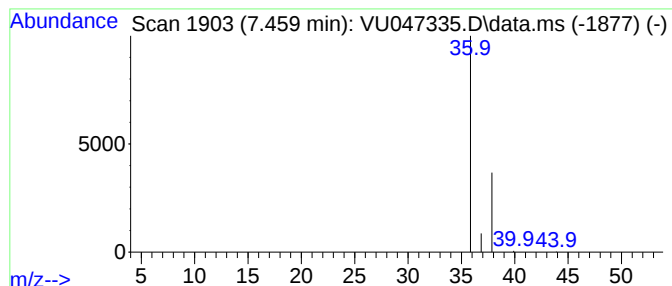
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.459	0.66 ug/L	53204	1,4-Difluorobenzene	6.279

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hydrogen chloride	36	ClH	007647-01-0	9
2			Hydrogen chloride	36	ClH	007647-01-0	9
3			Ammonium Chloride	53	ClH4N	012125-02-9	4
4			Methanol-D4	36	CD4O	000811-98-3	2
5			2-Chloroethylamine	79	C2H6ClN	000689-98-5	1



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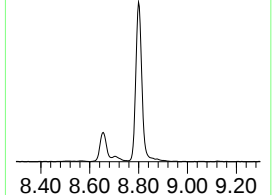
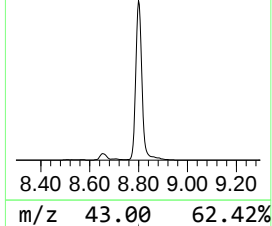
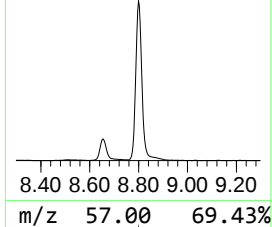
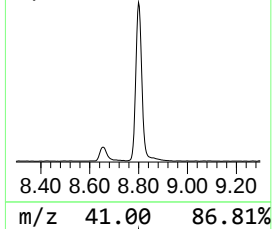
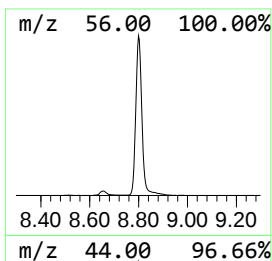
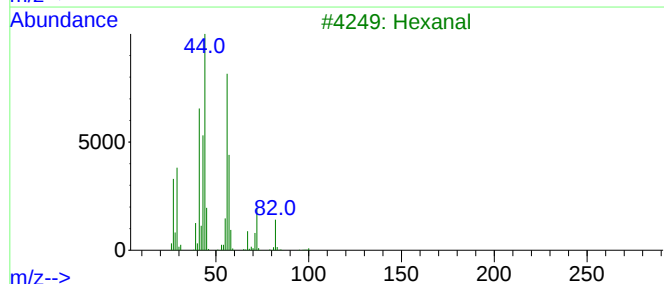
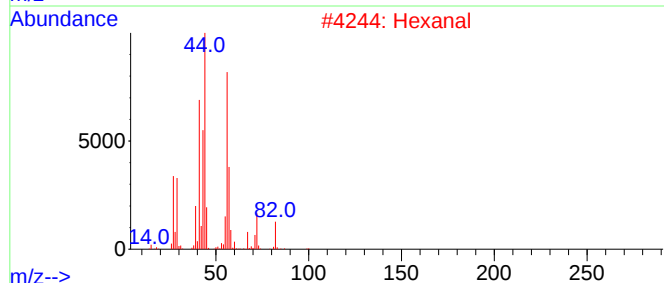
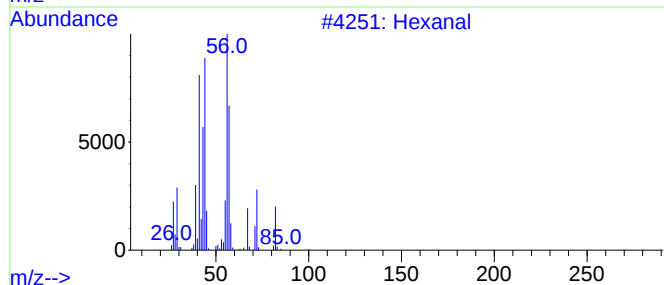
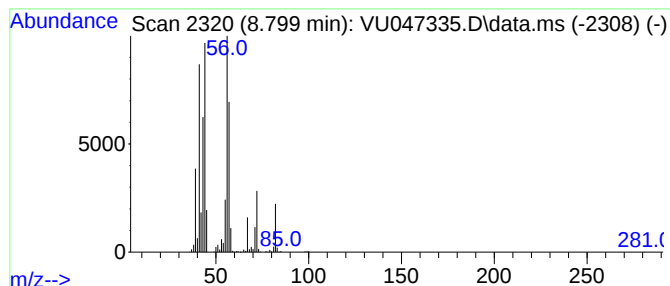
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.799	10.75 ug/L	1041290	Chlorobenzene-d5	9.423

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	94
2	Hexanal			100	C6H12O	000066-25-1	93
3	Hexanal			100	C6H12O	000066-25-1	74
4	Hexanal			100	C6H12O	000066-25-1	72
5	Hexanal			100	C6H12O	000066-25-1	64



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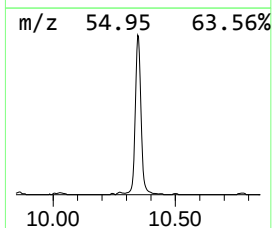
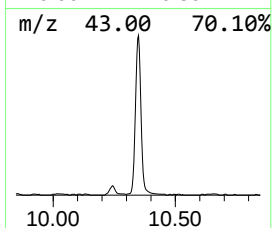
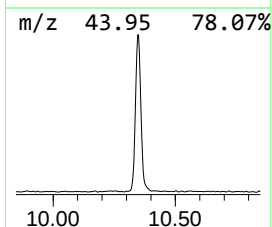
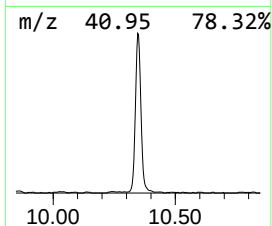
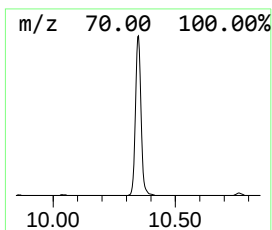
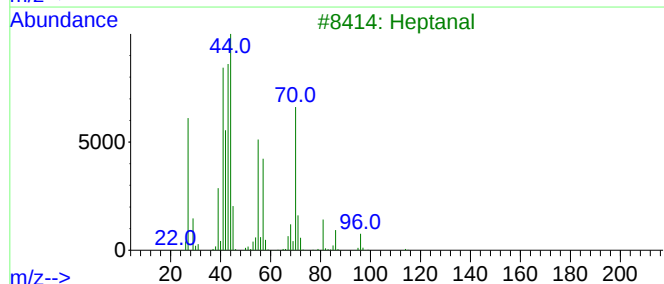
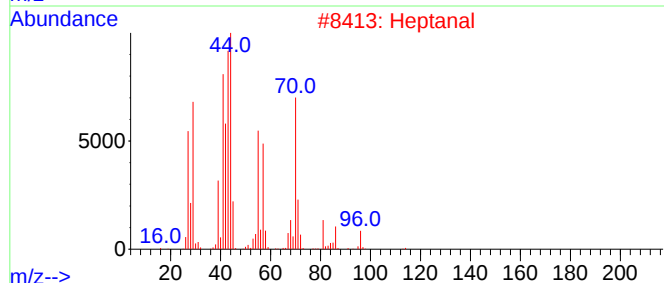
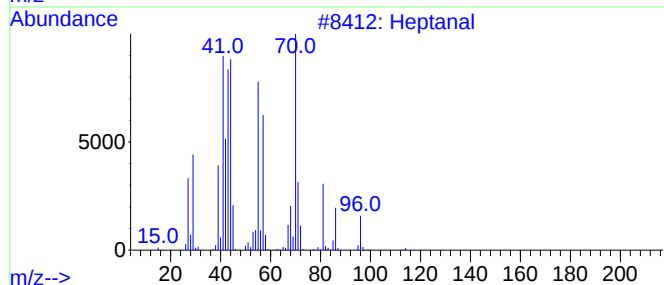
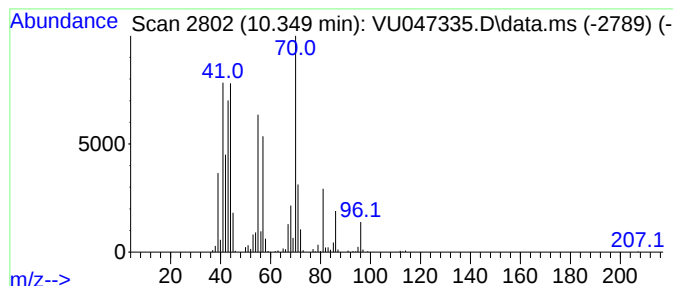
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 Heptanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.349	4.02 ug/L	389047	Chlorobenzene-d5	9.423

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	83
5	Heptanal			114	C7H14O	000111-71-7	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
Data File : VU047335.D
Acq On : 04 Mar 2022 17:31
Operator : SY/MD
Sample : N1773-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY15

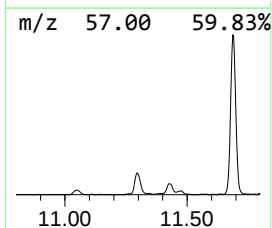
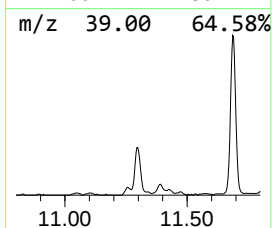
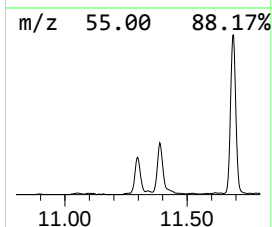
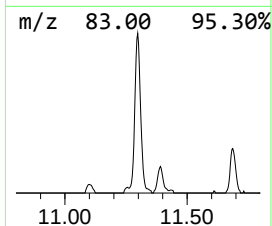
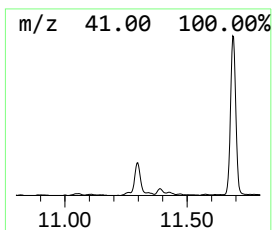
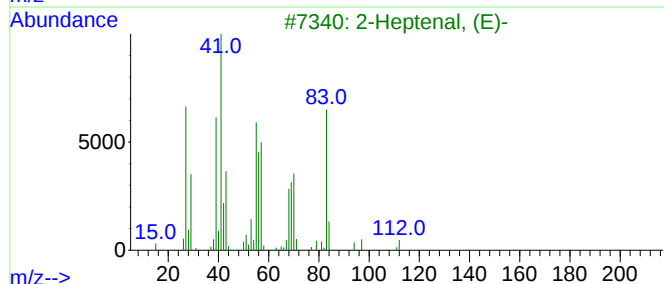
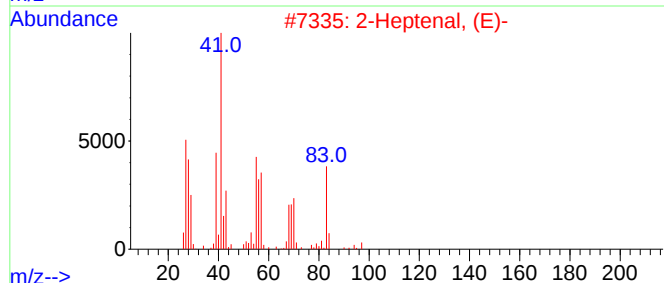
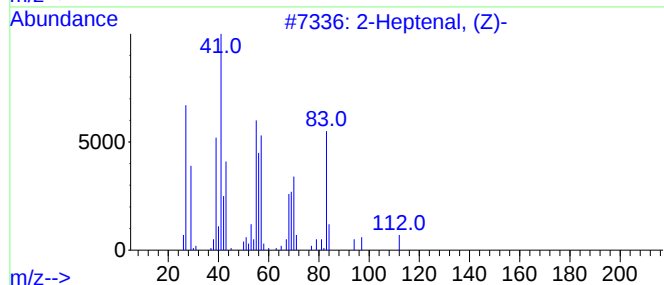
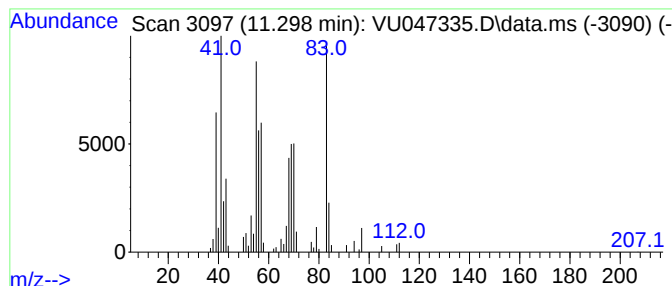
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 2-Heptenal, (Z)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.298	1.05 ug/L	114805	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Heptenal, (Z)-	112	C7H12O	057266-86-1	94
2			2-Heptenal, (E)-	112	C7H12O	018829-55-5	83
3			2-Heptenal, (E)-	112	C7H12O	018829-55-5	52
4			1-Ethyl-2-(4-methylpentyl)cyclop...	182	C13H26	219726-60-0	47
5			5-Methyl-1-heptanol	130	C8H18O	007212-53-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
Data File : VU047335.D
Acq On : 04 Mar 2022 17:31
Operator : SY/MD
Sample : N1773-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY15

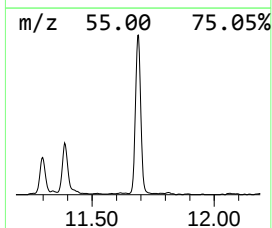
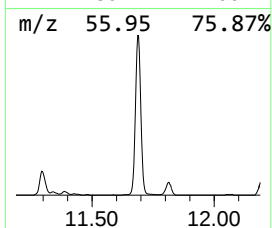
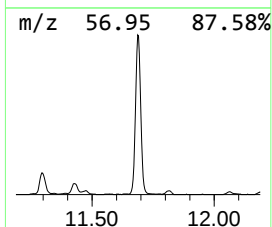
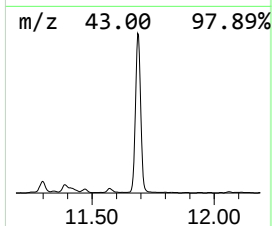
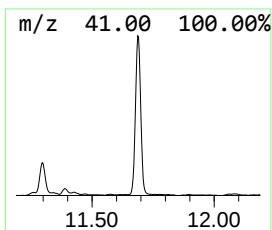
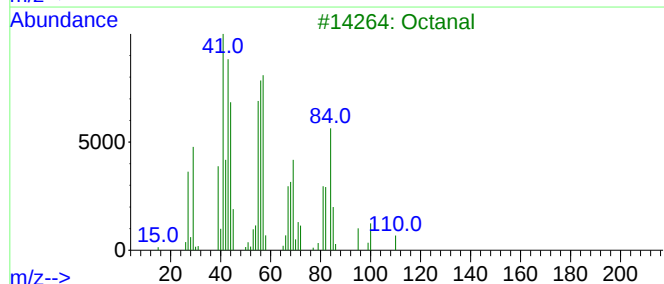
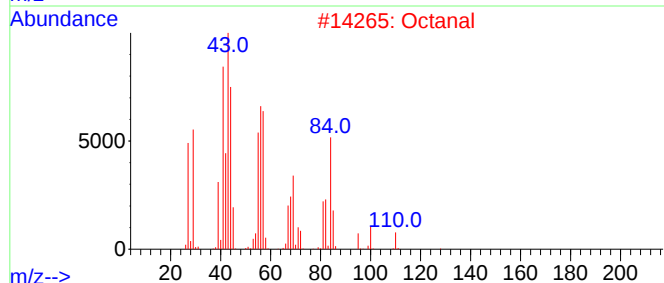
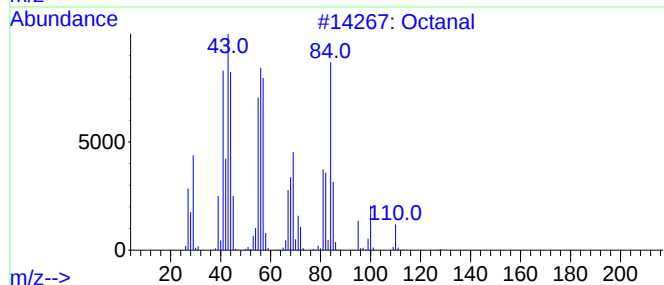
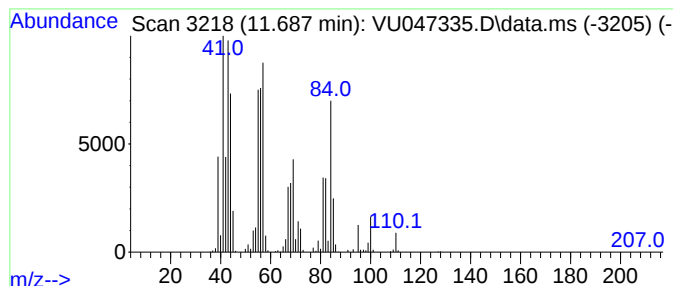
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Quant Title : TRACE VOA SFAM1.0

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.
11.687	6.38 ug/L	701386	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal			128	C8H16O	000124-13-0	96
2	Octanal			128	C8H16O	000124-13-0	94
3	Octanal			128	C8H16O	000124-13-0	91
4	Octanal			128	C8H16O	000124-13-0	90
5	Octanal			128	C8H16O	000124-13-0	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
Data File : VU047335.D
Acq On : 04 Mar 2022 17:31
Operator : SY/MD
Sample : N1773-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY15

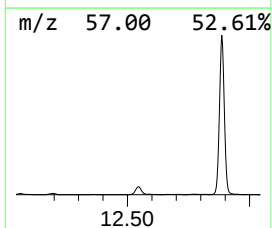
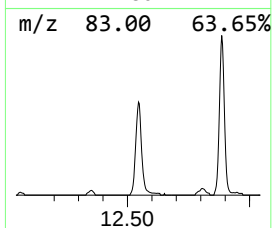
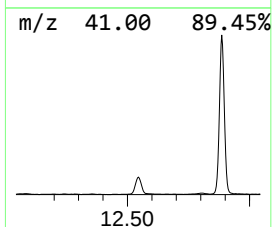
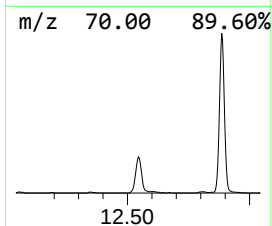
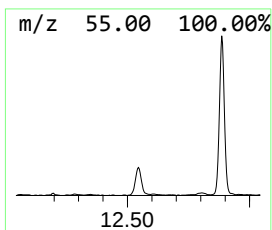
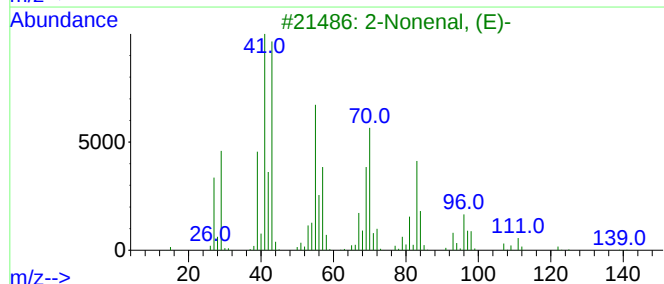
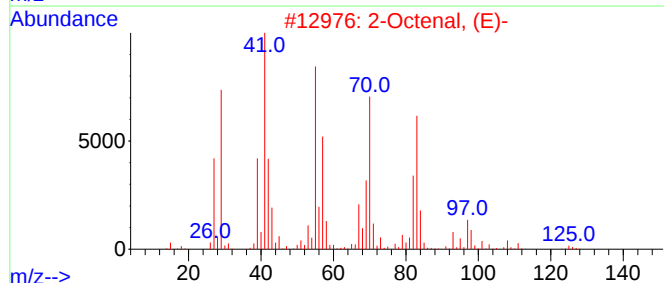
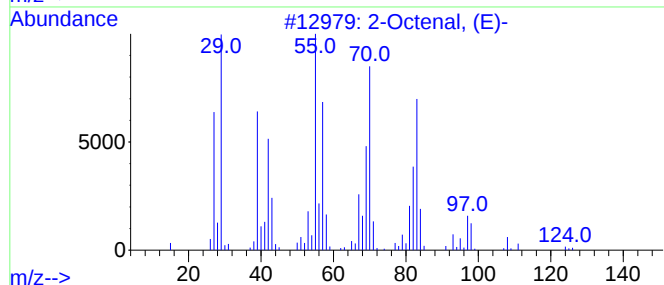
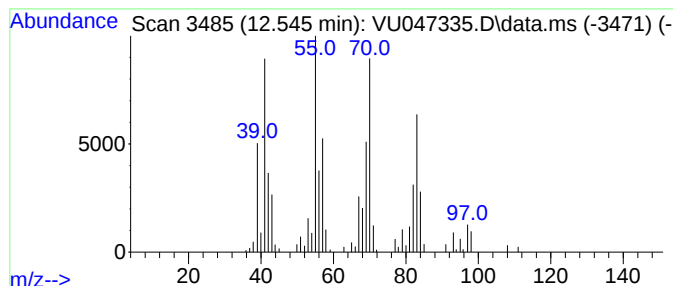
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 2-Octenal, (E)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.545	1.31 ug/L	144013	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Octenal, (E)-	126	C8H14O	002548-87-0	72
2			2-Octenal, (E)-	126	C8H14O	002548-87-0	64
3			2-Nonenal, (E)-	140	C9H16O	018829-56-6	53
4			2-Decenal, (Z)-	154	C10H18O	002497-25-8	53
5			2-Decenal, (E)-	154	C10H18O	003913-81-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
Data File : VU047335.D
Acq On : 04 Mar 2022 17:31
Operator : SY/MD
Sample : N1773-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY15

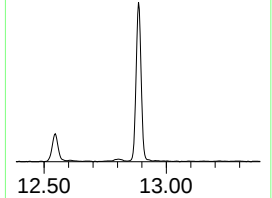
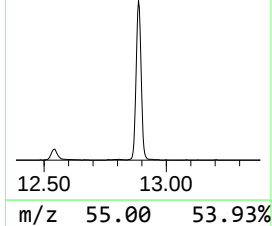
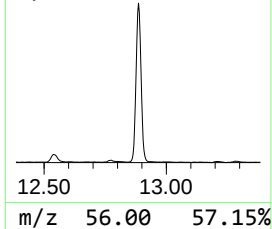
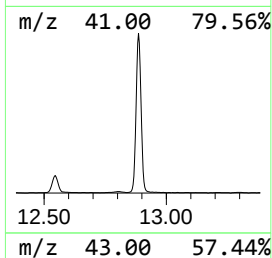
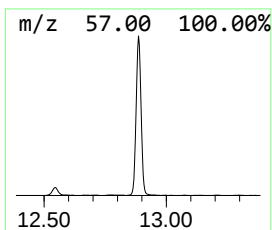
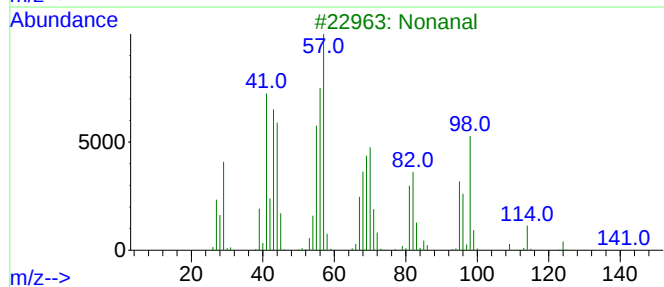
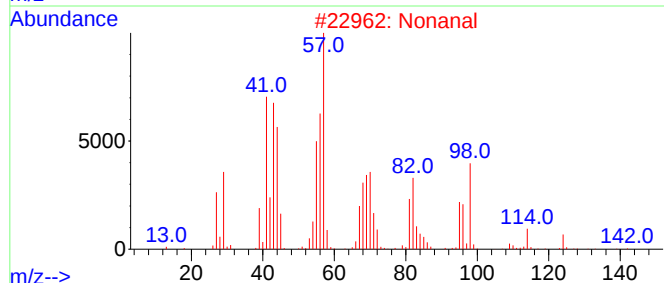
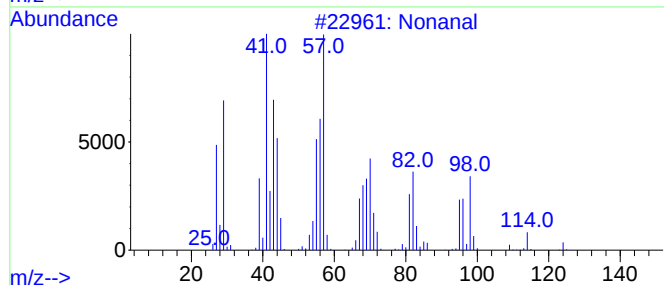
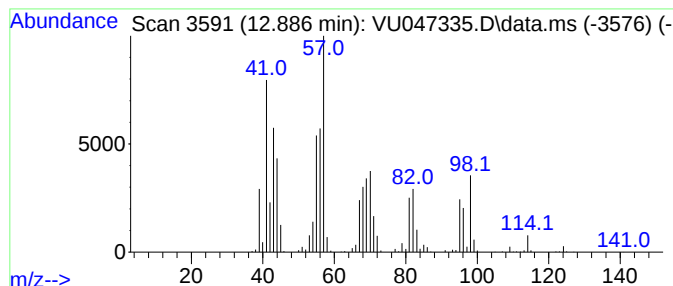
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 Nonanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.886	10.22 ug/L	1122350	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			Nonanal	142	C9H18O	000124-19-6	64
5			Heptane, 2-chloro-	134	C7H15Cl	001001-89-4	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
Data File : VU047335.D
Acq On : 04 Mar 2022 17:31
Operator : SY/MD
Sample : N1773-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY15

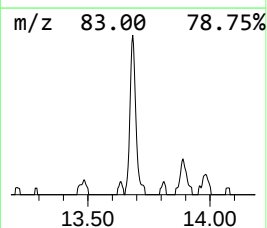
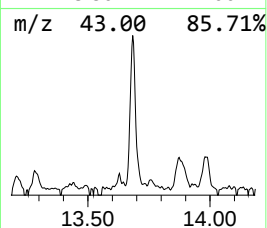
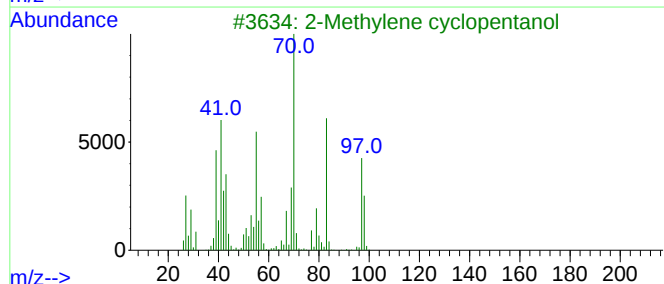
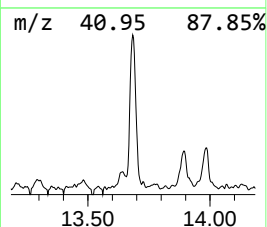
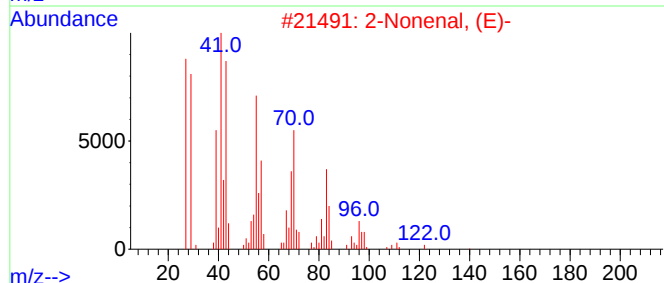
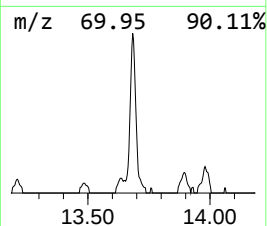
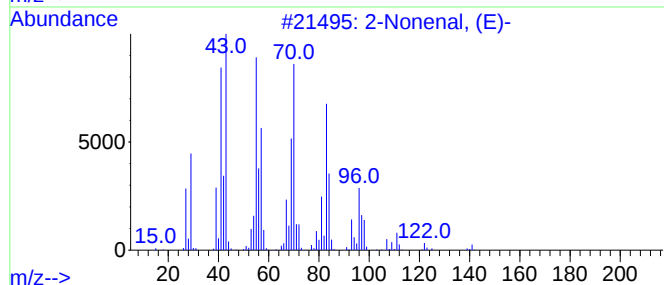
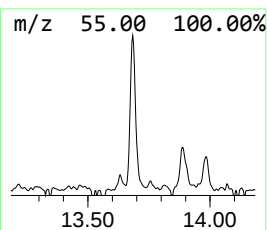
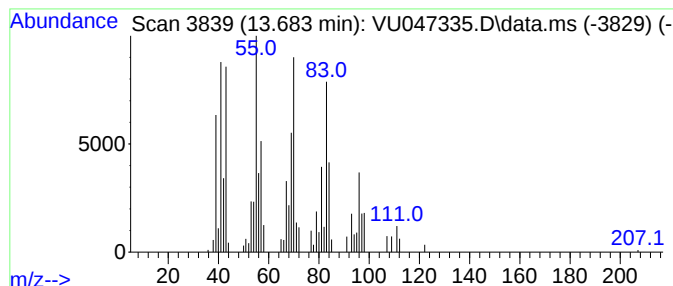
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 11 2-Nonenal, (E)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.684	0.59 ug/L	64823	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Nonenal, (E)-	140	C9H16O	018829-56-6	86
2			2-Nonenal, (E)-	140	C9H16O	018829-56-6	64
3			2-Methylene cyclopentanol	98	C6H10O	020461-31-8	43
4			Cyclopropane, 1,1,2-trimethyl-3-...	140	C10H20	041977-43-9	38
5			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
Data File : VU047335.D
Acq On : 04 Mar 2022 17:31
Operator : SY/MD
Sample : N1773-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY15

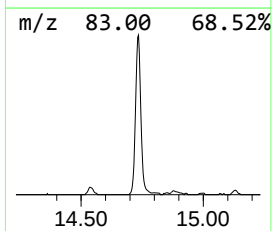
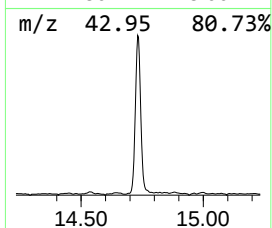
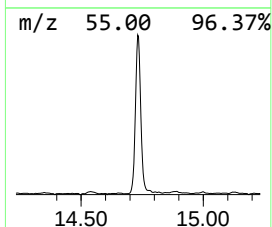
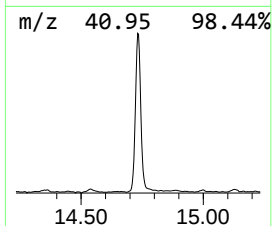
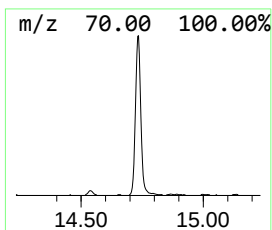
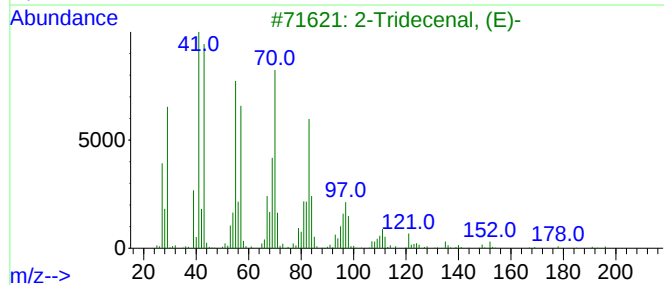
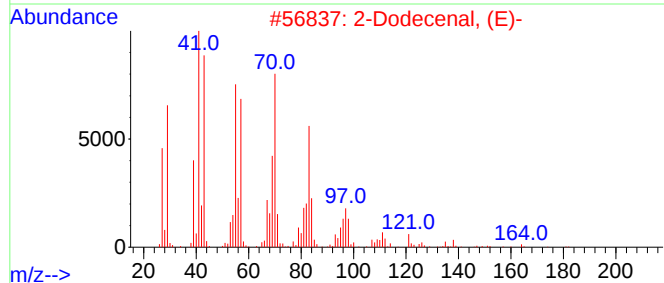
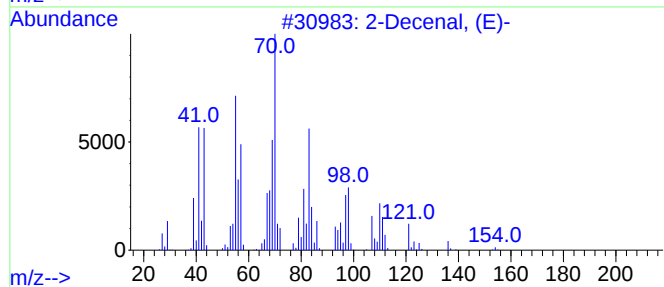
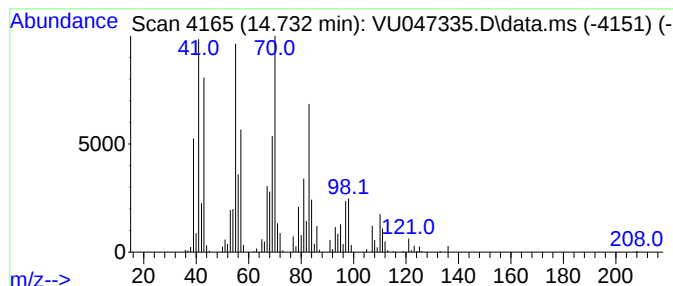
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 12 2-Decenal, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.732	3.58 ug/L	393454	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Decenal, (E)-	154	C10H18O	003913-81-3	90
2			2-Dodecenal, (E)-	182	C12H22O	020407-84-5	64
3			2-Tridecenal, (E)-	196	C13H24O	007069-41-2	59
4			2-Cyclohexen-1-ol	98	C6H10O	000822-67-3	49
5			Cyclopentane, 1,1,3,3-tetramethyl-	126	C9H18	050876-33-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
Data File : VU047335.D
Acq On : 04 Mar 2022 17:31
Operator : SY/MD
Sample : N1773-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY15

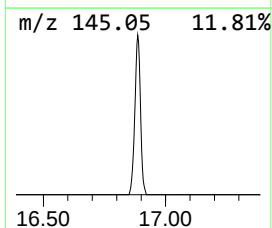
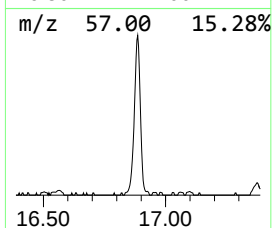
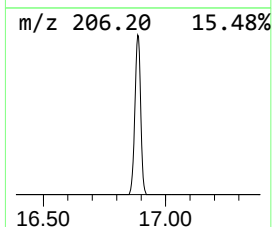
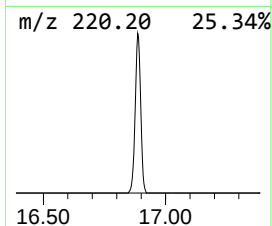
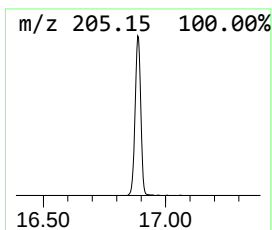
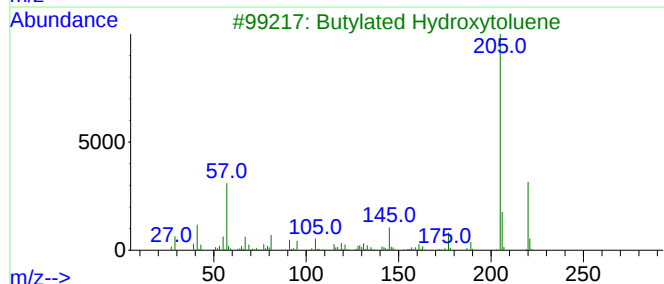
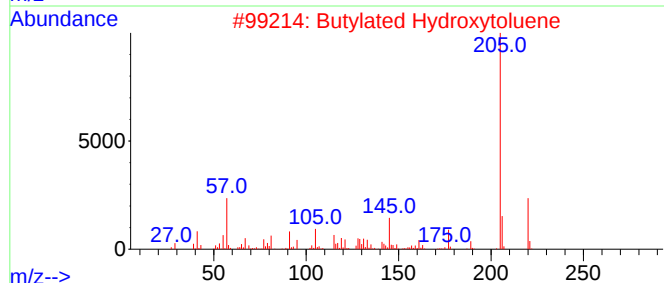
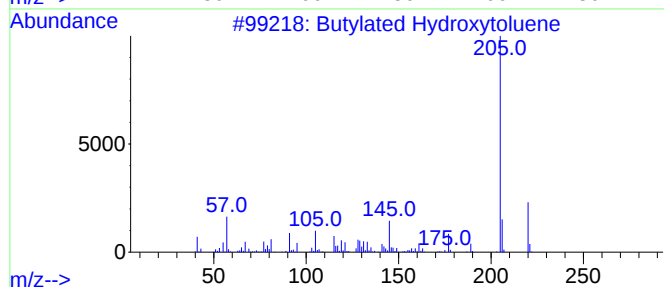
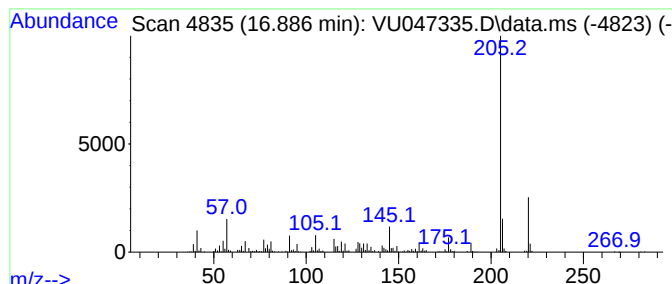
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 13 Butylated Hydroxytoluene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.886	2.61 ug/L	287006	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	99
2			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	98
3			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	96
4			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	96
5			Ethyl 4-oxo-2-phenylpentanoate	220	C13H16O3	1000427-11-2	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
Data File : VU047335.D
Acq On : 04 Mar 2022 17:31
Operator : SY/MD
Sample : N1773-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY15

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.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...	1.369	1.0	ug/L	81627	1	6.279	401327	5.0
Pentanal	6.915	2.0	ug/L	158884	1	6.279	401327	5.0
unknown-01	7.459	0.7	ug/L	53204	1	6.279	401327	5.0
Hexanal	8.799	10.8	ug/L	1041290	2	9.423	484127	5.0
Heptanal	10.349	4.0	ug/L	389047	2	9.423	484127	5.0
2-Heptenal, (Z)-	11.298	1.1	ug/L	114805	3	11.812	549300	5.0
Octanal	11.687	6.4	ug/L	701386	3	11.812	549300	5.0
2-Octenal, (E)-	12.545	1.3	ug/L	144013	3	11.812	549300	5.0
Nonanal	12.886	10.2	ug/L	1122350	3	11.812	549300	5.0
2-Nonenal, (E)-	13.684	0.6	ug/L	64823	3	11.812	549300	5.0
2-Decenal, (E)-	14.732	3.6	ug/L	393454	3	11.812	549300	5.0
Butylated Hydro...	16.886	2.6	ug/L	287006	3	11.812	549300	5.0