

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021822\
 Data File : VV024757.D
 Acq On : 18 Feb 2022 16:40
 Operator : SY/MD
 Sample : N1545-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY05

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\SFAMVTR021722WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV024757.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.108	15	21	36	rVB	233720	219087	37.08%	2.719%
2	1.179	38	43	45	rBV2	7817	6144	1.04%	0.076%
3	1.204	45	51	66	rVB	198250	185771	31.44%	2.305%
4	1.304	73	82	95	rBV2	172549	246251	41.68%	3.056%
5	1.388	103	108	113	rBV	7647	9804	1.66%	0.122%
6	1.417	113	117	127	rVB3	19179	22240	3.76%	0.276%
7	1.568	156	164	177	rVB	88397	102327	17.32%	1.270%
8	1.635	178	185	195	rVB3	8425	10905	1.85%	0.135%
9	1.767	218	226	233	rBV	19396	24602	4.16%	0.305%
10	1.809	233	239	256	rVB4	17495	30213	5.11%	0.375%
11	1.983	283	293	301	rBV3	10098	15294	2.59%	0.190%
12	2.114	321	334	352	rBV3	320630	559585	94.72%	6.944%
13	2.774	524	539	555	rVB3	12357	28837	4.88%	0.358%
14	3.192	647	669	694	rBV	244643	515580	87.27%	6.398%
15	3.909	878	892	925	rBV2	49603	189420	32.06%	2.351%
16	4.352	1013	1030	1058	rBV2	102860	272323	46.09%	3.379%
17	4.609	1093	1110	1135	rVB2	37768	93943	15.90%	1.166%
18	5.050	1229	1247	1266	rBV2	240683	590806	100.00%	7.331%
19	5.140	1270	1275	1297	rVB3	10250	22142	3.75%	0.275%
20	5.619	1409	1424	1455	rBV	203566	409978	69.39%	5.087%
21	5.918	1504	1517	1543	rVB3	51335	110650	18.73%	1.373%
22	6.069	1552	1564	1588	rBV	131280	269987	45.70%	3.350%
23	6.294	1625	1634	1652	rBV2	14449	31773	5.38%	0.394%
24	6.989	1838	1850	1875	rBV	63744	119334	20.20%	1.481%
25	7.317	1941	1952	1970	rBV	296172	513261	86.87%	6.369%
26	7.397	1972	1977	1998	rVB2	6135	12567	2.13%	0.156%
27	7.625	2038	2048	2068	rBV	36568	64647	10.94%	0.802%
28	7.976	2145	2157	2175	rVB	102491	173314	29.34%	2.151%
29	8.088	2182	2192	2229	rBV	242866	487238	82.47%	6.046%
30	8.240	2229	2239	2272	rVB	164645	286254	48.45%	3.552%
31	8.850	2418	2429	2450	rBV	296758	486928	82.42%	6.042%
32	9.809	2717	2727	2740	rBV2	35898	59282	10.03%	0.736%
33	10.214	2843	2853	2873	rBV	78596	125804	21.29%	1.561%
34	10.719	3001	3010	3018	rBV2	15965	23770	4.02%	0.295%
35	10.764	3018	3024	3037	rVB4	7270	12050	2.04%	0.150%
36	10.863	3044	3055	3063	rBV5	3501	6499	1.10%	0.081%

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37	11.149	3131	3144	3157	rBV2	94371	150356	25.45%	1.866%
38	11.246	3164	3174	3192	rVB	303320	473164	80.09%	5.871%
39	11.622	3280	3291	3307	rBV	258728	401533	67.96%	4.983%
40	12.008	3399	3411	3427	rBV5	7882	15806	2.68%	0.196%
41	12.342	3502	3515	3532	rBV	239413	363362	61.50%	4.509%
42	12.882	3668	3683	3691	rBV5	6139	11307	1.91%	0.140%
43	13.037	3721	3731	3737	rBV6	5030	8561	1.45%	0.106%
44	13.140	3755	3763	3774	rVB6	5207	8850	1.50%	0.110%
45	13.435	3846	3855	3861	rBV8	5104	8699	1.47%	0.108%
46	13.641	3907	3919	3928	rBV9	6170	13173	2.23%	0.163%
47	13.899	3990	3999	4012	rBV2	18869	30178	5.11%	0.374%
48	14.088	4048	4058	4068	rBV2	4656	8267	1.40%	0.103%
49	14.175	4075	4085	4100	rBV2	49182	84442	14.29%	1.048%
50	14.374	4137	4147	4155	rBV8	5249	10320	1.75%	0.128%
51	14.506	4183	4188	4199	rVB7	7804	11258	1.91%	0.140%
52	14.590	4210	4214	4223	rVB8	4836	6821	1.15%	0.085%
53	14.651	4225	4233	4241	rVV2	12587	17131	2.90%	0.213%
54	14.844	4284	4293	4303	rVB2	35968	50046	8.47%	0.621%
55	15.146	4382	4387	4397	rVB5	7074	10090	1.71%	0.125%
56	15.413	4464	4470	4479	rVV3	10634	15157	2.57%	0.188%
57	15.728	4561	4568	4581	rVB	15713	21558	3.65%	0.268%

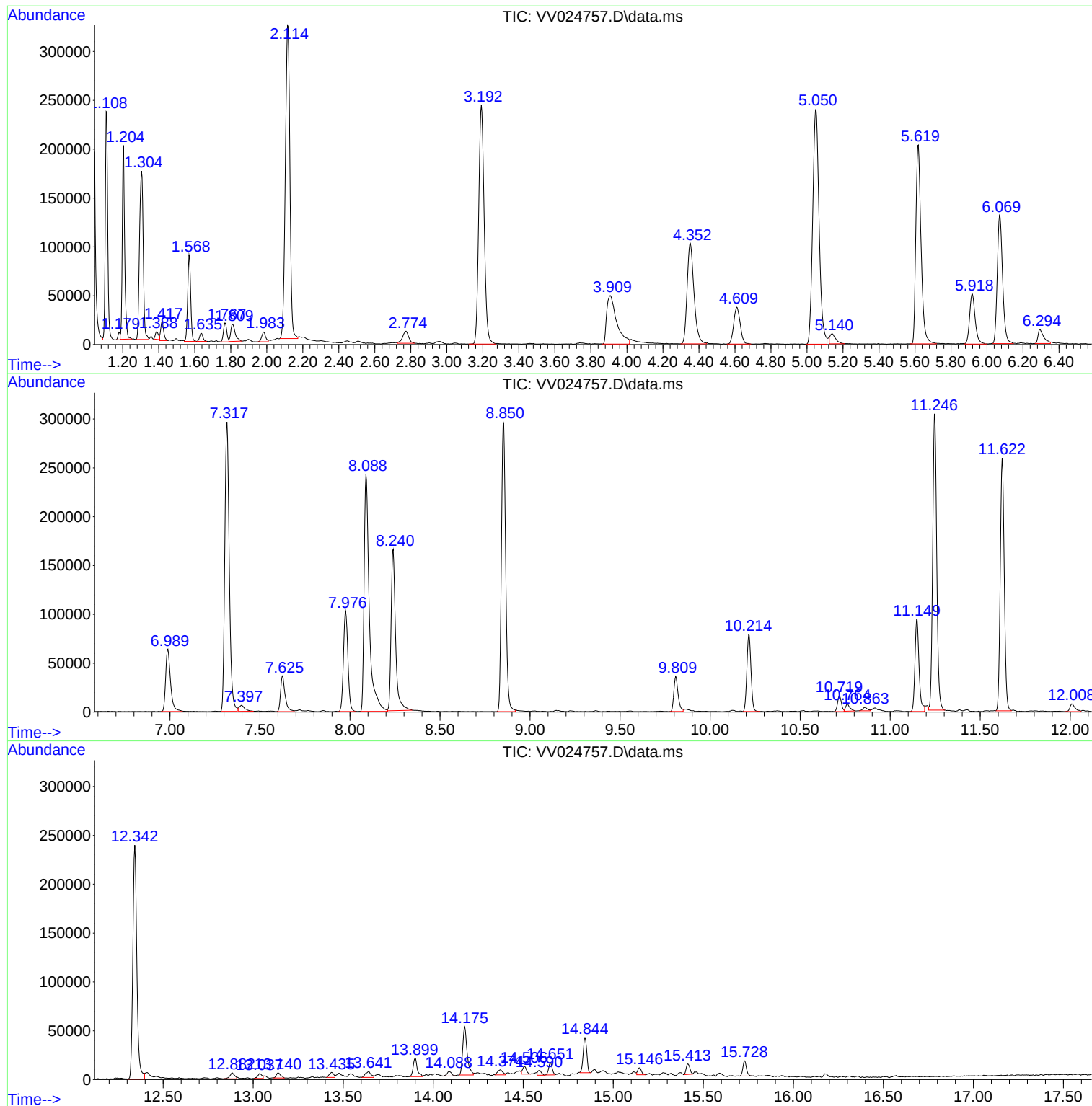
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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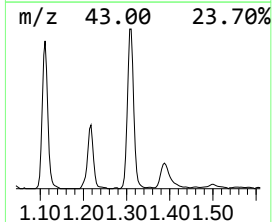
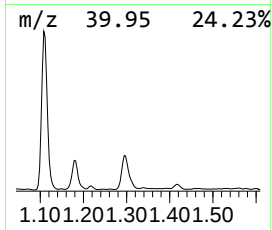
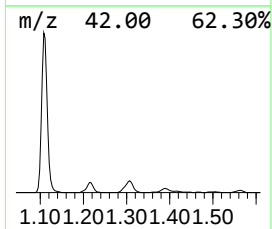
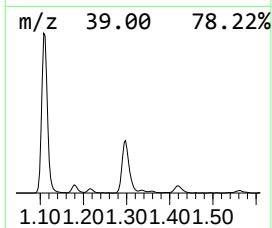
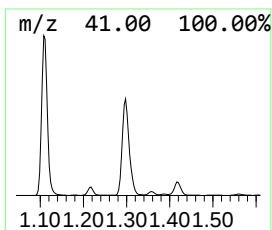
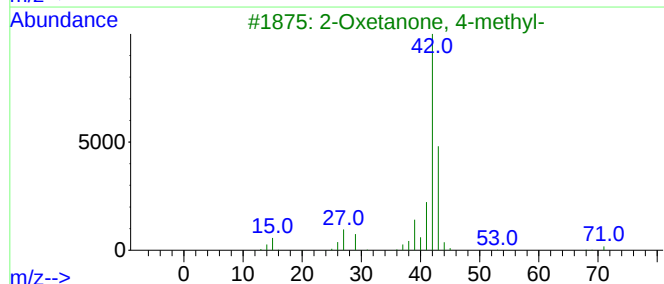
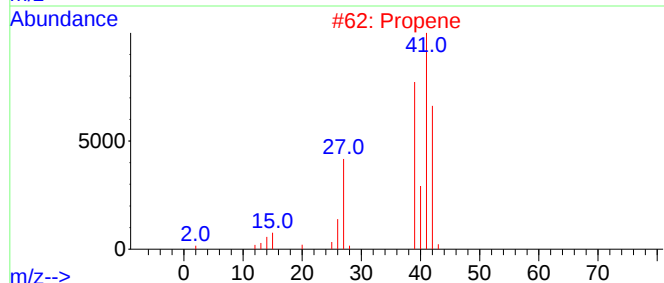
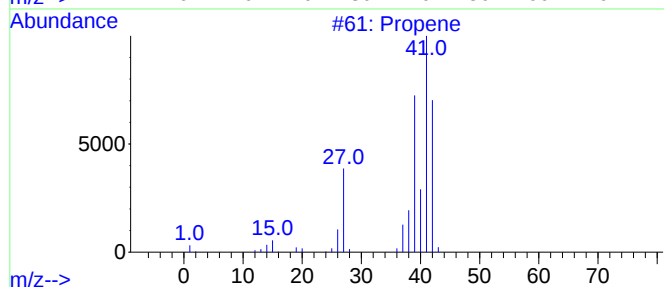
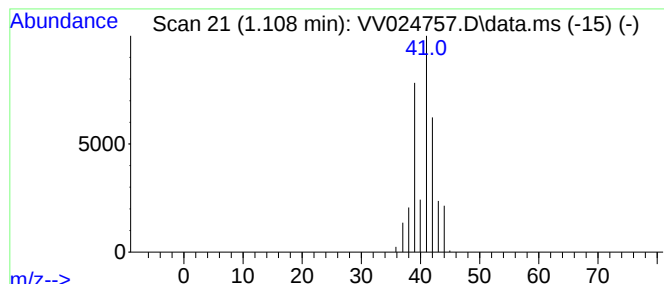
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.108	2.67 ug/L	219087	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	42
3			2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	9
4			Cyclopropane	42	C3H6	000075-19-4	9
5			Cyclopropene	40	C3H4	002781-85-3	9



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Instrument :
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ClientSampleId :
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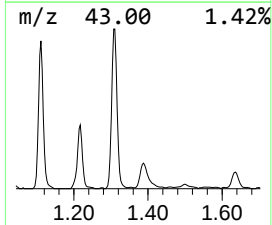
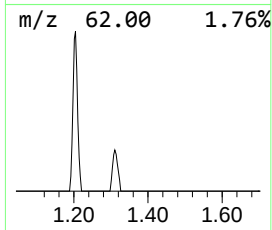
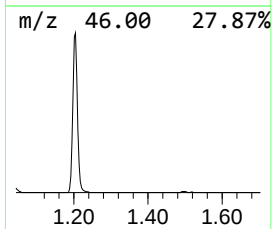
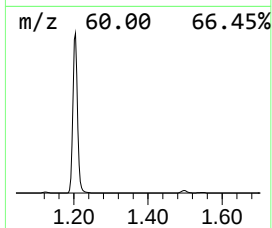
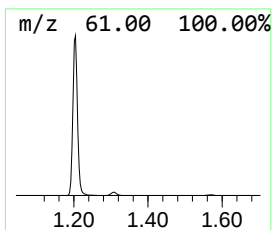
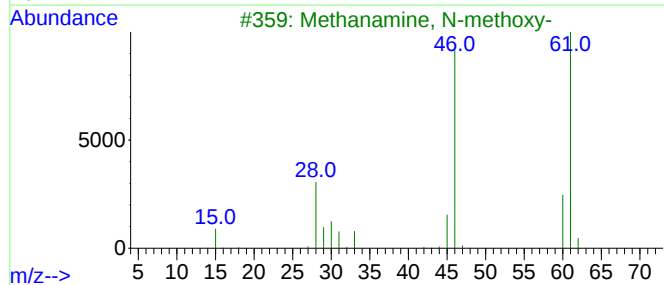
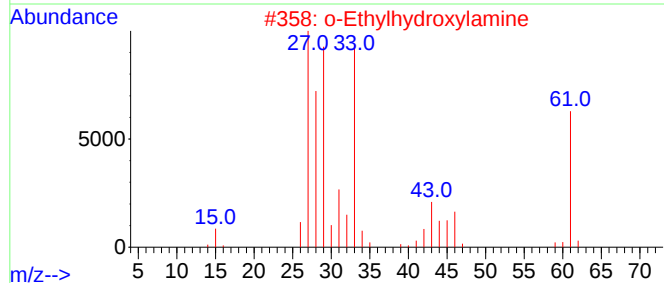
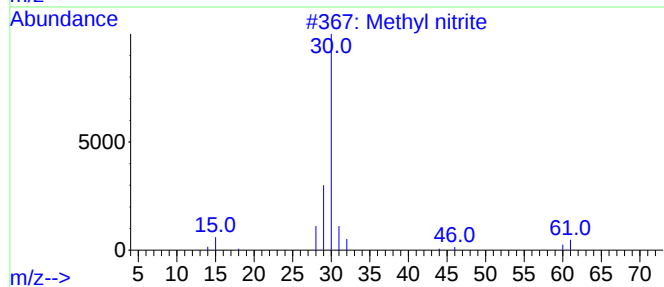
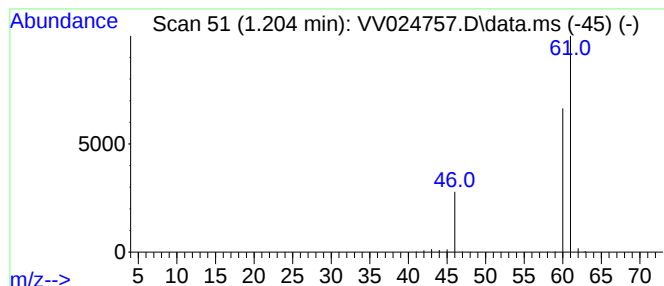
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.204	2.27 ug/L	185771	1,4-Difluorobenzene	5.619

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl nitrite	61	CH3NO2	000624-91-9	5
2			o-Ethylhydroxylamine	61	C2H7NO	000624-86-2	4
3			Methanamine, N-methoxy-	61	C2H7NO	001117-97-1	4
4			Cyanogen chloride	61	CClN	000506-77-4	4
5			Trifluoroguanidine	113	CH2F3N3	037950-72-4	4



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Instrument :
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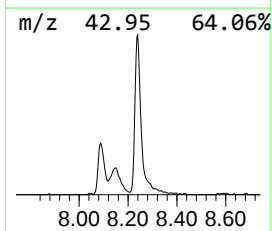
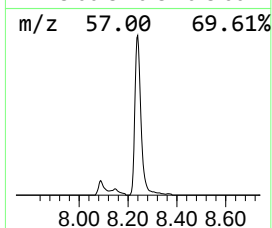
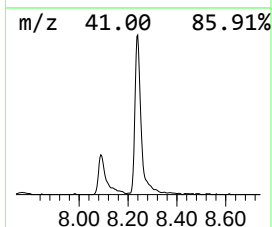
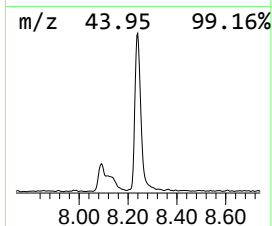
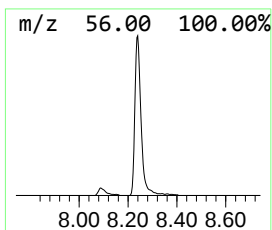
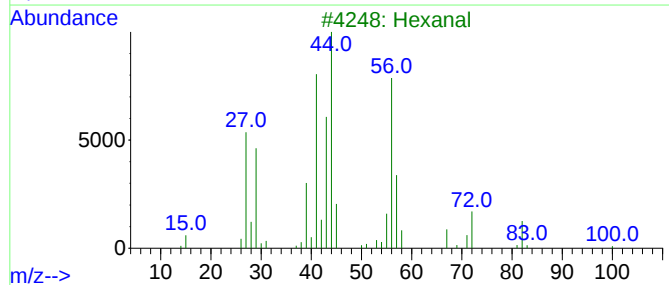
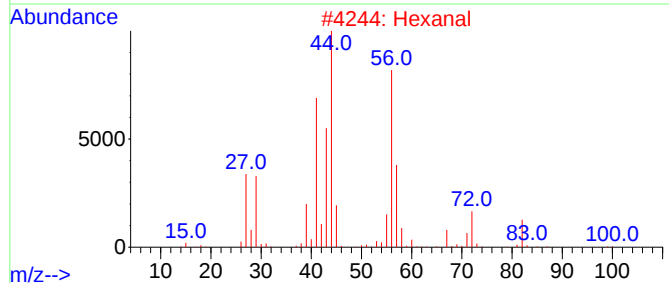
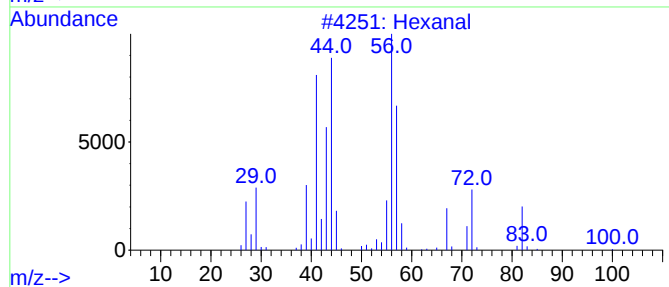
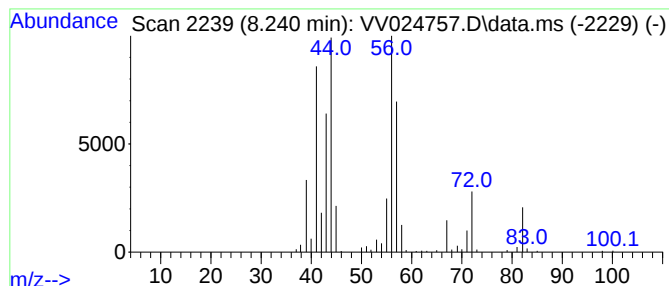
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.240	2.94 ug/L	286254	Chlorobenzene-d5	8.854

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	95
2	Hexanal			100	C6H12O	000066-25-1	91
3	Hexanal			100	C6H12O	000066-25-1	91
4	Hexanal			100	C6H12O	000066-25-1	90
5	Hexanal			100	C6H12O	000066-25-1	83



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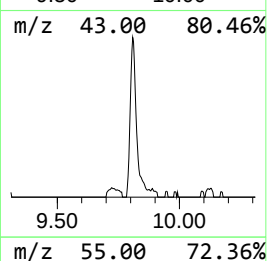
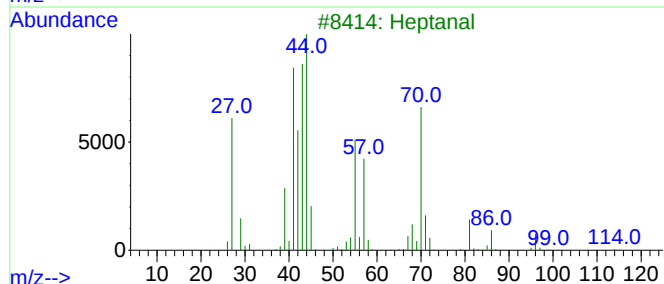
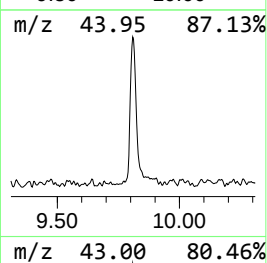
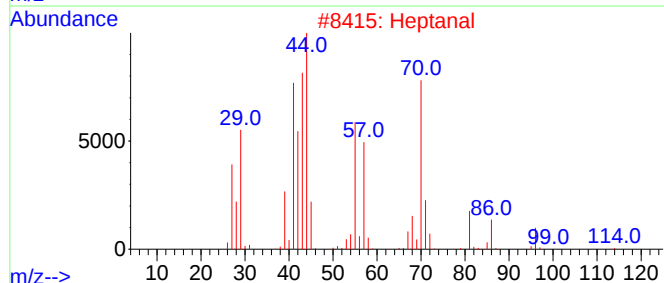
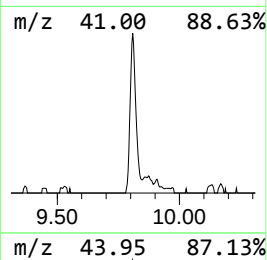
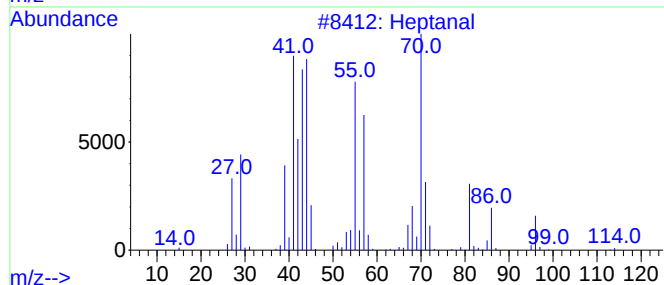
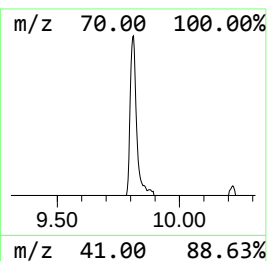
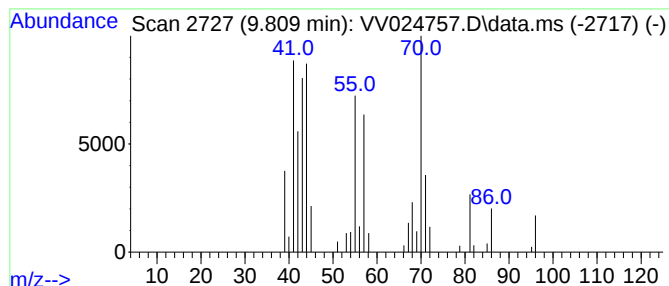
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 Heptanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.809	0.61 ug/L	59282	Chlorobenzene-d5	8.854

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptanal	114	C7H14O	000111-71-7	91
2			Heptanal	114	C7H14O	000111-71-7	90
3			Heptanal	114	C7H14O	000111-71-7	83
4			Heptanal	114	C7H14O	000111-71-7	83
5			Heptanal	114	C7H14O	000111-71-7	59



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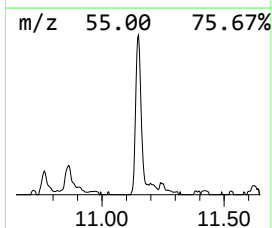
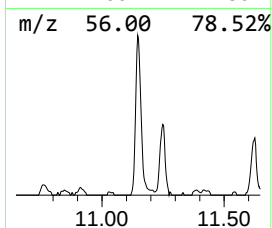
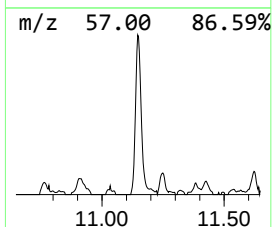
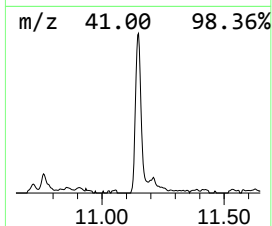
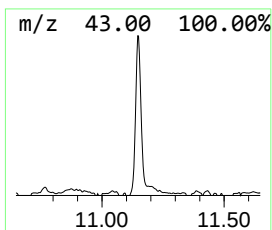
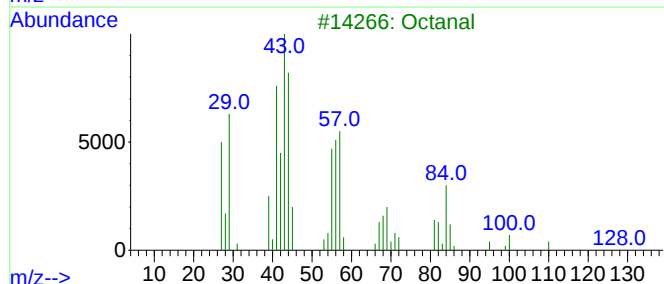
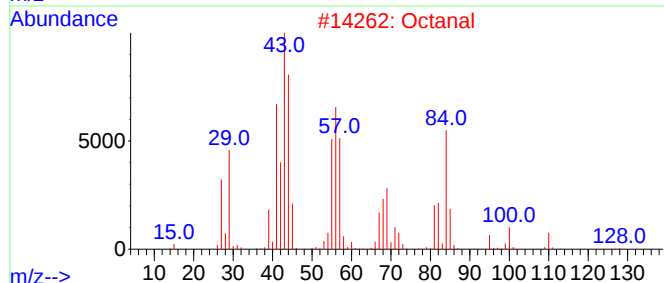
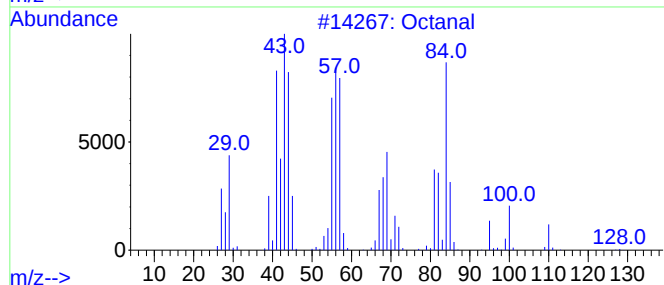
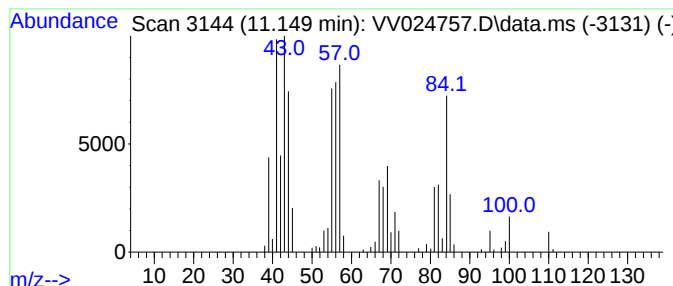
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 Octanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.149	1.59 ug/L	150356	1,4-Dichlorobenzene-d4	11.249

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	90
4	Octanal			128	C8H16O	000124-13-0	87
5	Octanal			128	C8H16O	000124-13-0	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021822\
Data File : VV024757.D
Acq On : 18 Feb 2022 16:40
Operator : SY/MD
Sample : N1545-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY05

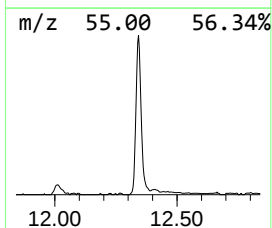
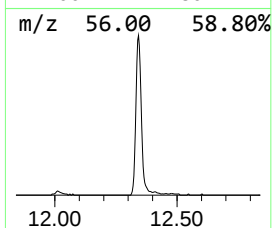
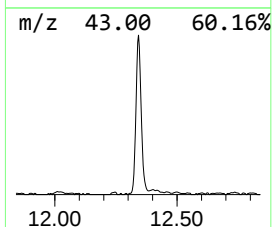
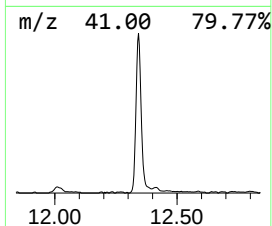
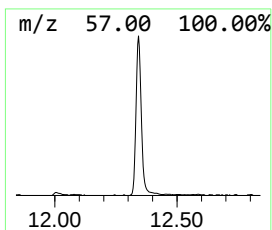
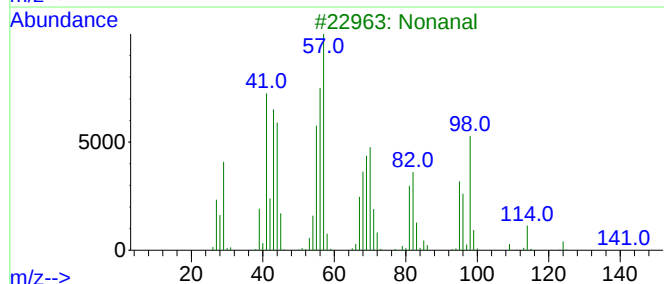
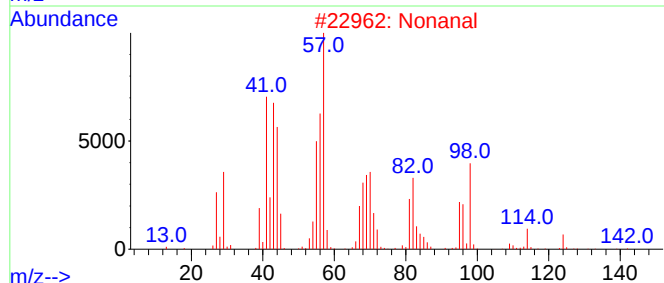
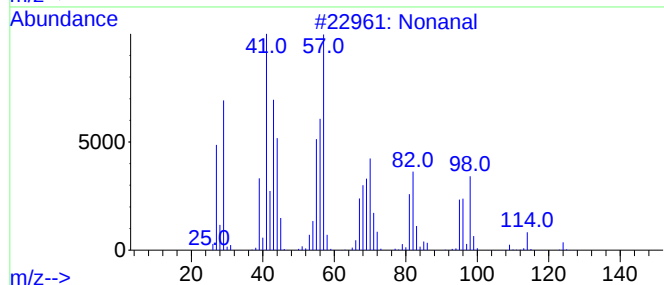
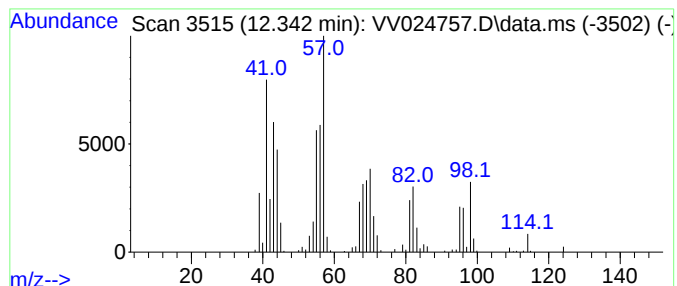
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 Nonanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.342	3.84 ug/L	363362	1,4-Dichlorobenzene-d4	11.249

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	90
5	Cyclopentane, 1,2-dimethyl-			98	C7H14	002452-99-5	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021822\
Data File : VV024757.D
Acq On : 18 Feb 2022 16:40
Operator : SY/MD
Sample : N1545-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY05

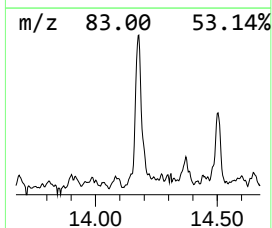
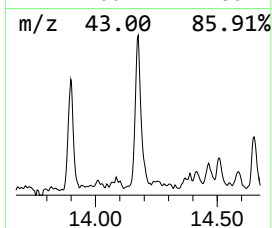
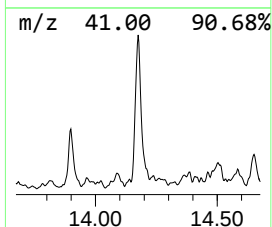
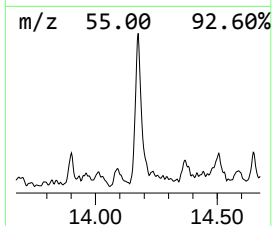
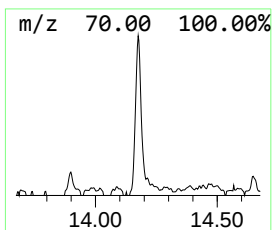
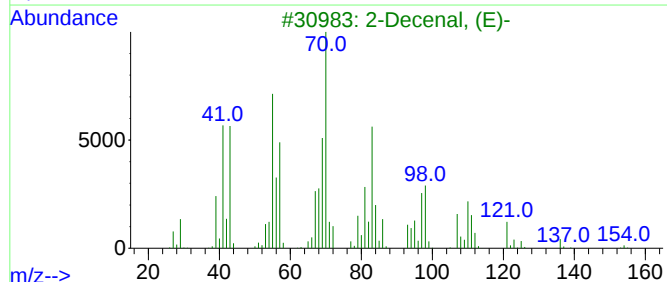
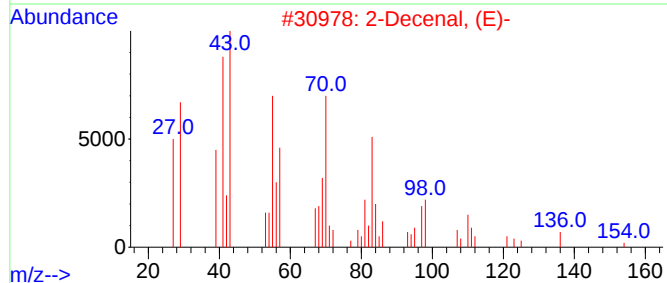
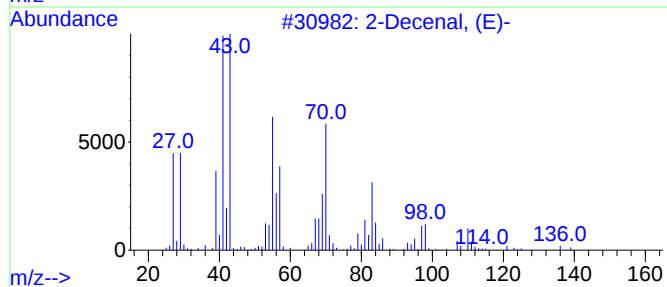
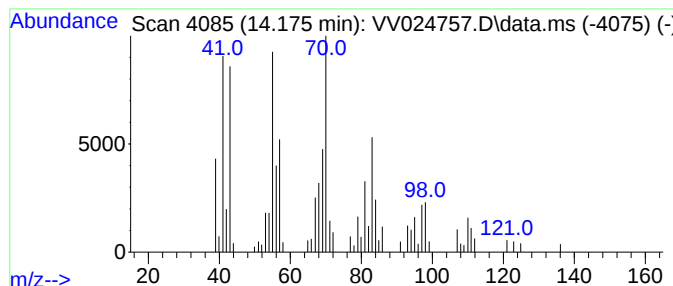
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 2-Decenal, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.175	0.89 ug/L	84442	1,4-Dichlorobenzene-d4	11.249

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Decenal, (E)-	154	C10H18O	003913-81-3	90
2		2-Decenal, (E)-	154	C10H18O	003913-81-3	80
3		2-Decenal, (E)-	154	C10H18O	003913-81-3	80
4		2-Dodecenal, (E)-	182	C12H22O	020407-84-5	64
5		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021822\
Data File : VV024757.D
Acq On : 18 Feb 2022 16:40
Operator : SY/MD
Sample : N1545-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY05

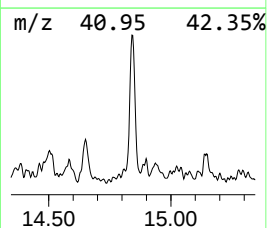
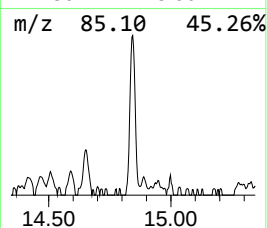
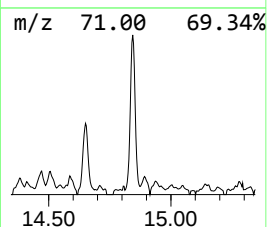
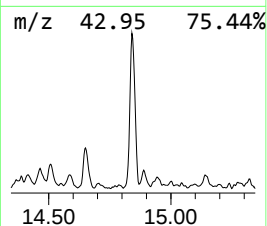
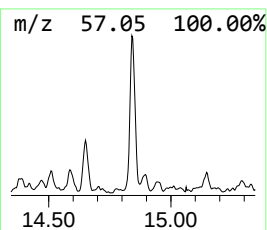
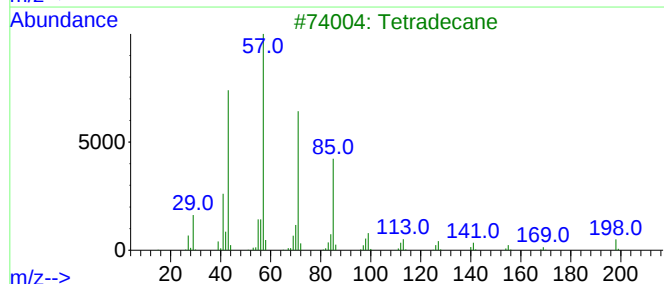
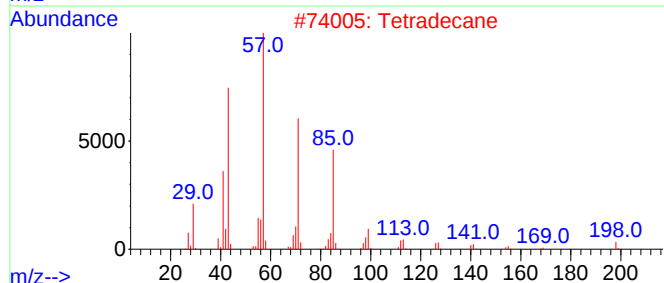
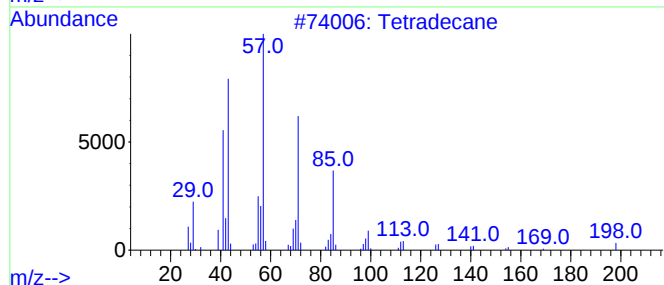
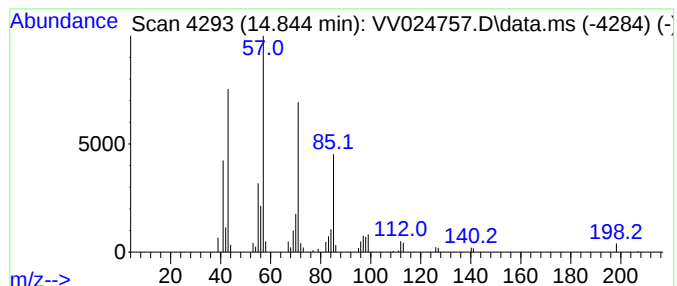
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.844	0.53 ug/L	50046	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	94
2			Tetradecane	198	C14H30	000629-59-4	93
3			Tetradecane	198	C14H30	000629-59-4	90
4			Dodecane	170	C12H26	000112-40-3	90
5			Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021822\
Data File : VV024757.D
Acq On : 18 Feb 2022 16:40
Operator : SY/MD
Sample : N1545-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFY05

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.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...	1.108	2.7	ug/L	219087	1	5.619	409978	5.0
unknown-01	1.204	2.3	ug/L	185771	1	5.619	409978	5.0
Hexanal	8.240	2.9	ug/L	286254	2	8.854	486928	5.0
Heptanal	9.809	0.6	ug/L	59282	2	8.854	486928	5.0
Octanal	11.149	1.6	ug/L	150356	3	11.249	473164	5.0
Nonanal	12.342	3.8	ug/L	363362	3	11.249	473164	5.0
2-Decenal, (E)-	14.175	0.9	ug/L	84442	3	11.249	473164	5.0
(DEL) Alkane: S...	14.844	0.5	ug/L	50046	3	11.249	473164	5.0