

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051622\
 Data File : VV025911.D
 Acq On : 16 May 2022 14:45
 Operator : SY/MD
 Sample : N2831-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2K2

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\SFAMVTR051322WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV025911.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	17	22	31	rBV	29212	28305	2.44%	0.380%
2	1.307	75	83	92	rBV2	112251	128136	11.02%	1.719%
3	1.423	104	119	125	rBV2	74581	183865	15.82%	2.466%
4	1.568	159	164	177	rVB	88711	107339	9.24%	1.440%
5	2.114	324	334	352	rVB3	285625	510929	43.96%	6.853%
6	2.297	382	391	403	rVB	7652	12130	1.04%	0.163%
7	3.194	655	670	690	rVB2	40162	87735	7.55%	1.177%
8	3.821	853	865	879	rBV7	5441	13016	1.12%	0.175%
9	3.915	880	894	919	rBV3	153468	419275	36.07%	5.624%
10	4.352	1014	1030	1055	rBV	90146	226229	19.46%	3.034%
11	5.050	1232	1247	1272	rBV2	204449	515373	44.34%	6.913%
12	5.619	1412	1424	1448	rBV	157875	331447	28.52%	4.446%
13	5.915	1504	1516	1547	rBV	344551	675731	58.14%	9.064%
14	6.072	1552	1565	1585	rBV	116574	241048	20.74%	3.233%
15	6.992	1840	1851	1873	rBV	42835	83820	7.21%	1.124%
16	7.316	1939	1952	1973	rBV	234180	416324	35.82%	5.584%
17	7.570	2017	2031	2041	rBV3	13509	23755	2.04%	0.319%
18	7.628	2041	2049	2061	rBV	21351	37800	3.25%	0.507%
19	7.976	2145	2157	2174	rBV	133106	225021	19.36%	3.018%
20	8.091	2182	2193	2229	rBV	173049	396187	34.09%	5.314%
21	8.242	2232	2240	2256	rVV2	33694	58779	5.06%	0.788%
22	8.853	2418	2430	2451	rBV	257834	432361	37.20%	5.799%
23	9.815	2720	2729	2744	rBV4	10591	20022	1.72%	0.269%
24	10.217	2844	2854	2871	rBV	79740	127504	10.97%	1.710%
25	11.149	3133	3144	3163	rBV2	97251	155766	13.40%	2.089%
26	11.249	3163	3175	3197	rVB	278313	432783	37.24%	5.805%
27	11.529	3251	3262	3281	rBV2	33862	63795	5.49%	0.856%
28	11.625	3281	3292	3309	rVB	213713	338635	29.14%	4.542%
29	12.342	3502	3515	3538	rBV	796990	1162245	100.00%	15.589%

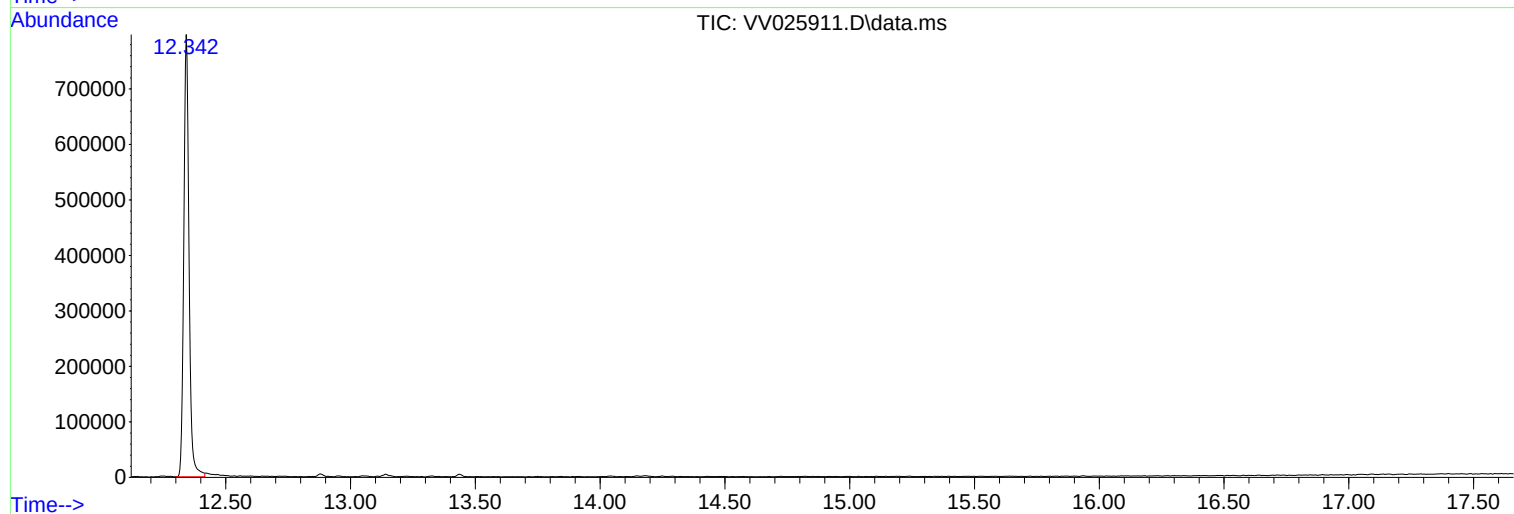
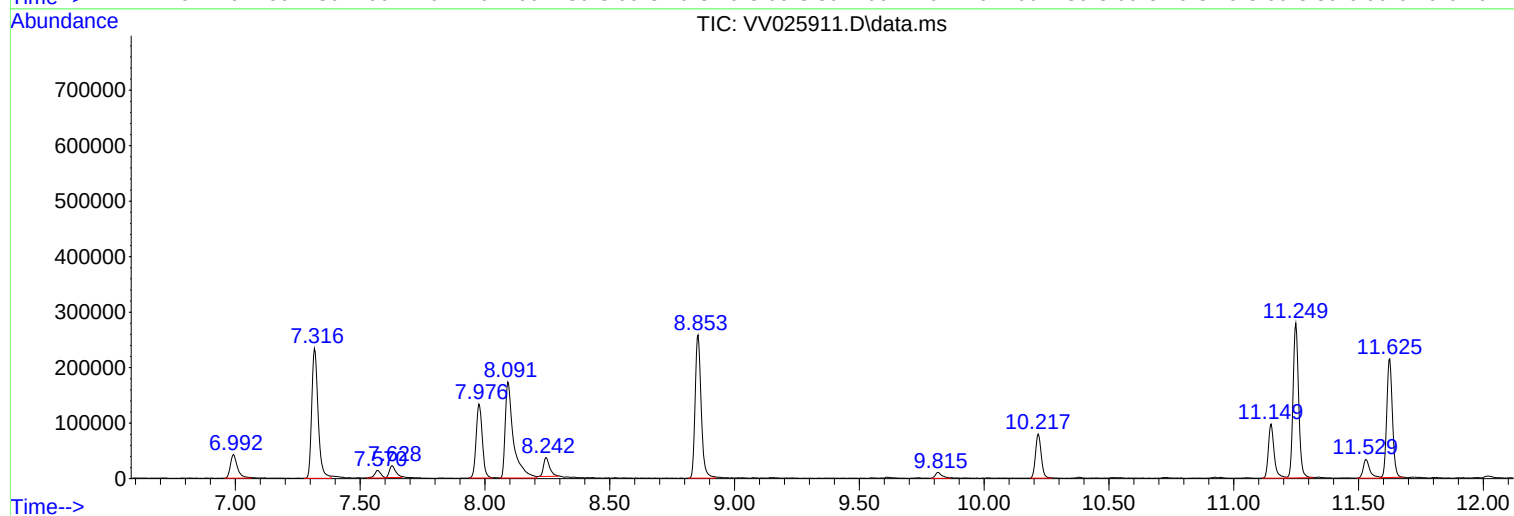
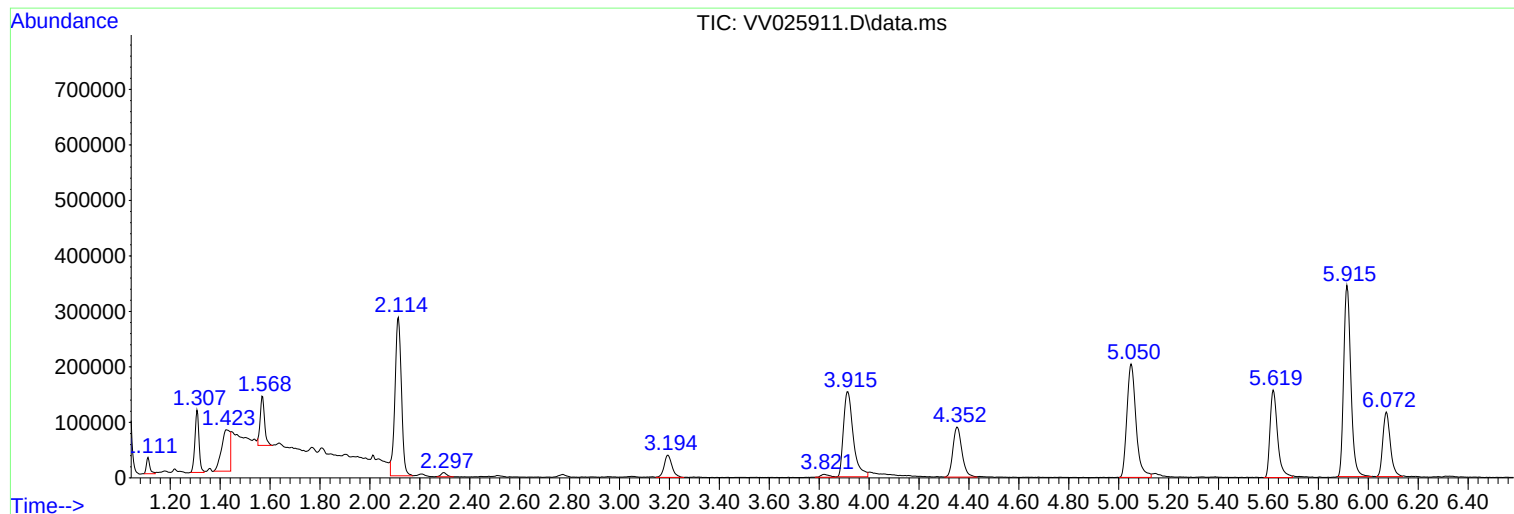
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YB2K2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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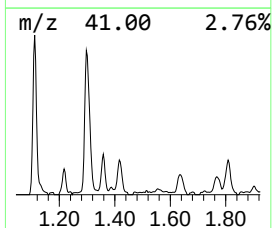
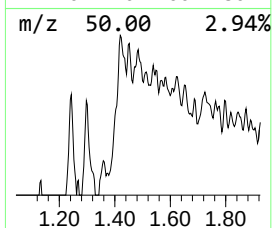
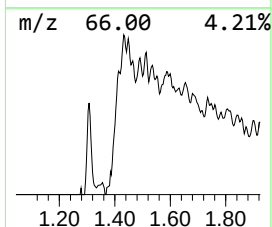
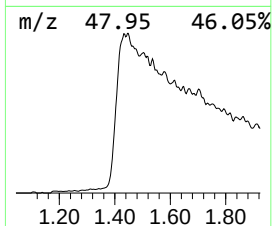
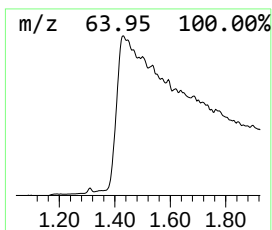
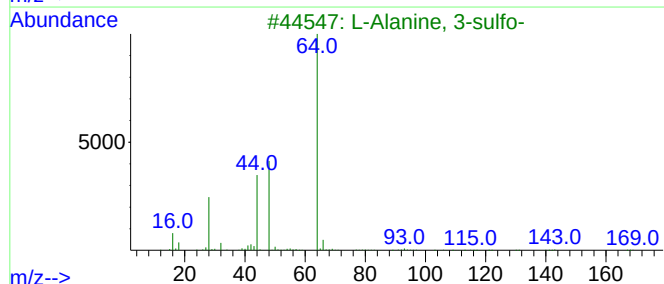
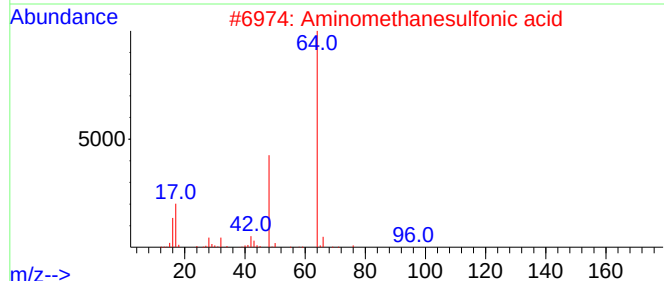
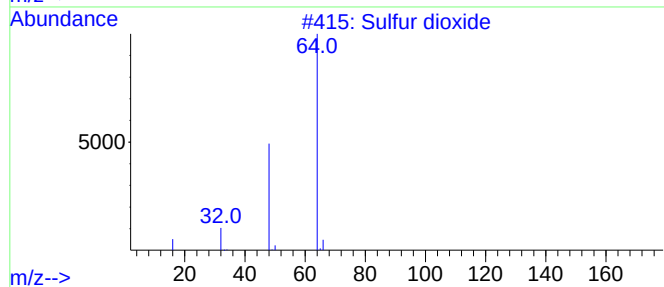
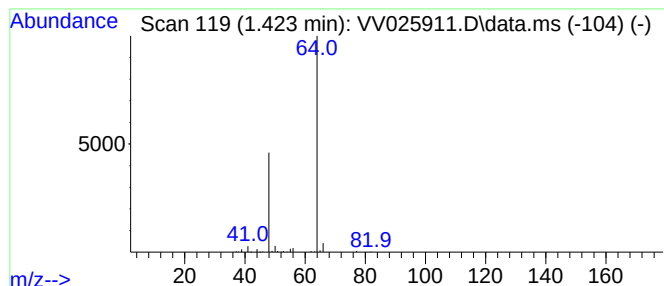
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.423	2.77 ug/L	183865	1,4-Difluorobenzene	5.619

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	83
2			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9



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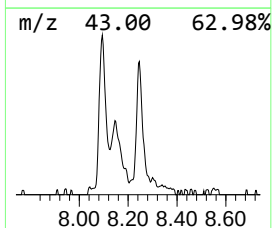
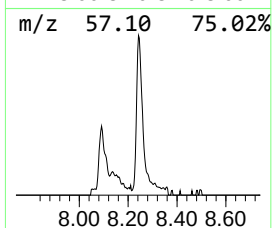
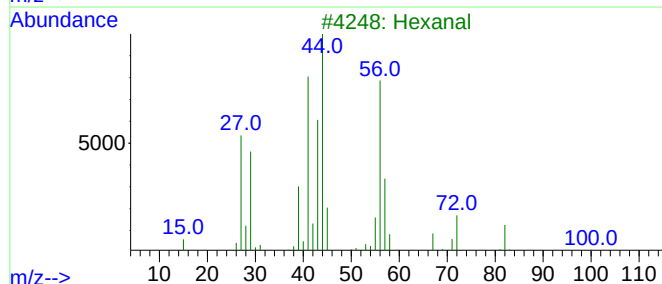
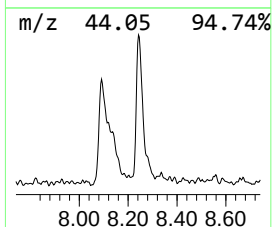
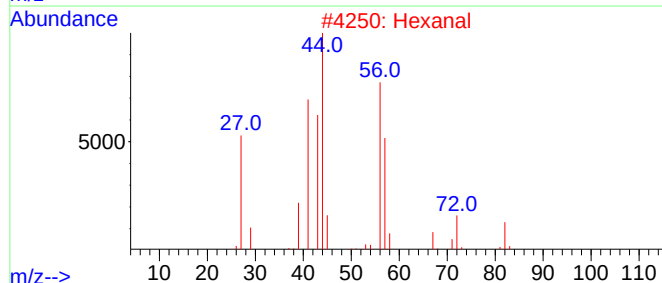
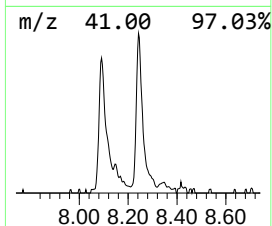
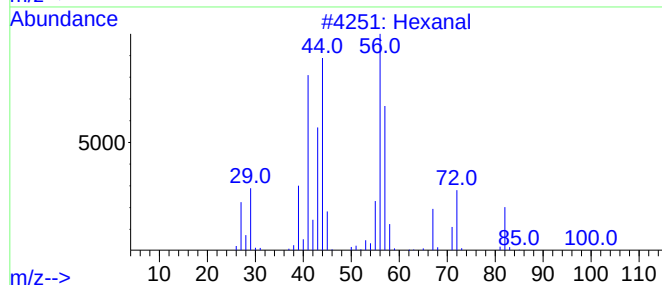
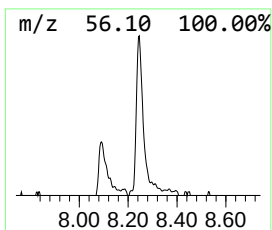
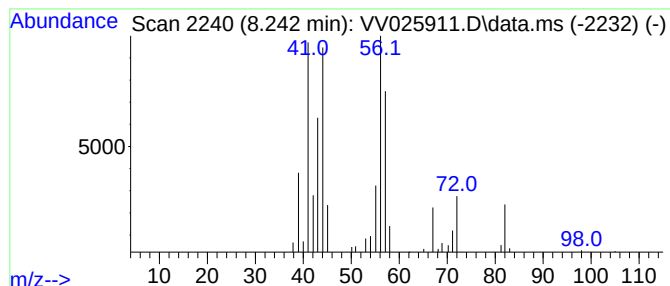
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Hexanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.242	0.68 ug/L	58779	Chlorobenzene-d5	8.853

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal			100	C6H12O	000066-25-1	80
2	Hexanal			100	C6H12O	000066-25-1	59
3	Hexanal			100	C6H12O	000066-25-1	59
4	Hexanal			100	C6H12O	000066-25-1	59
5	Cyclopentanol, 2-methyl-, cis-			100	C6H12O	025144-05-2	52



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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YB2K2

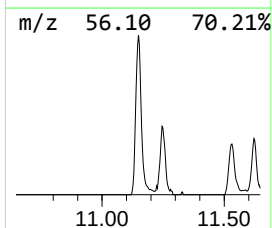
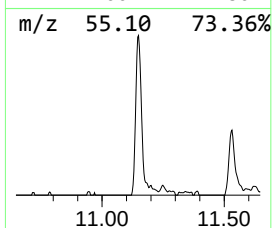
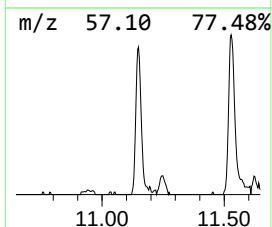
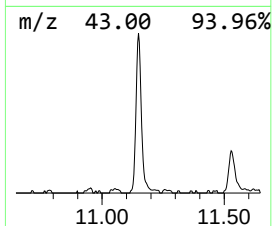
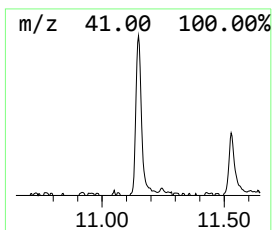
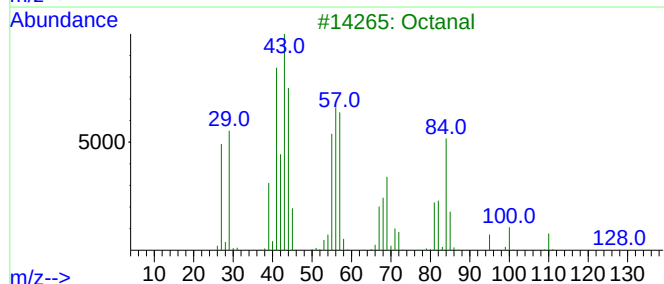
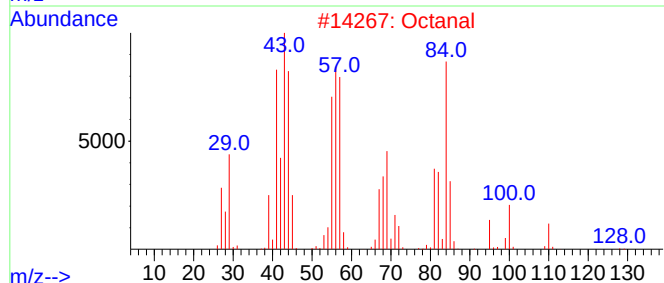
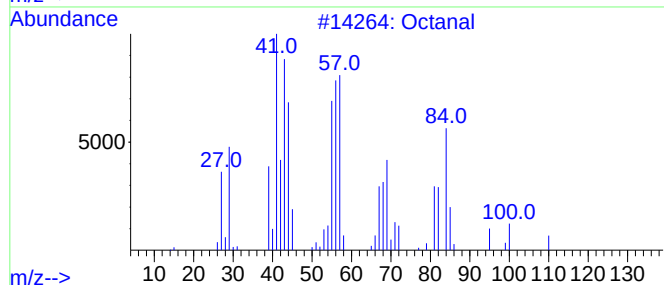
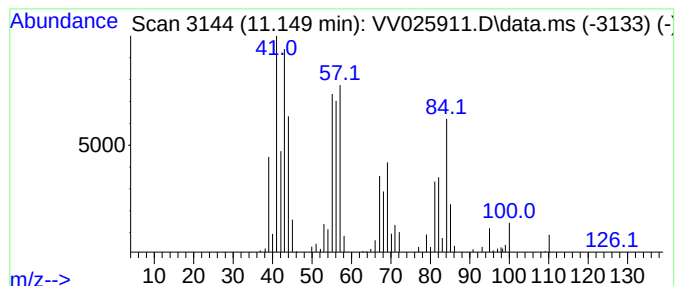
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Octanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.149	1.80 ug/L	155766	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	87
3	Octanal			128	C8H16O	000124-13-0	80
4	Octanal			128	C8H16O	000124-13-0	64
5	Piperazine, 2-methyl-			100	C5H12N2	000109-07-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051622\
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Misc : 25mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YB2K2

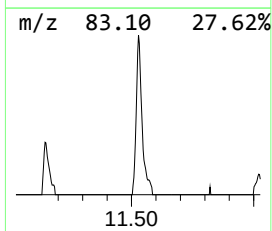
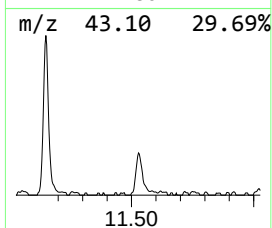
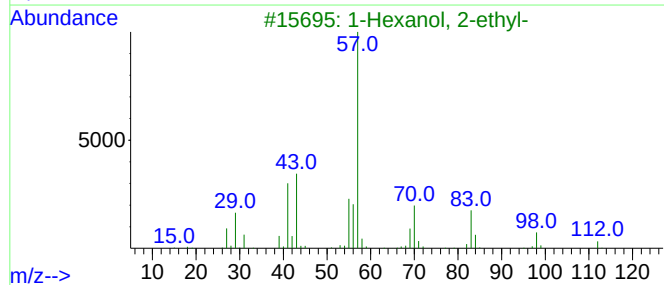
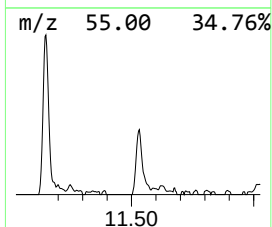
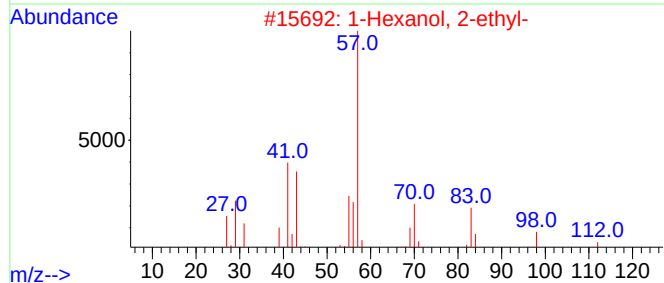
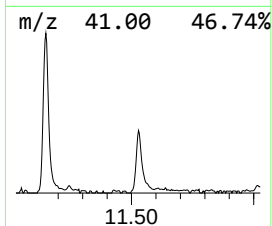
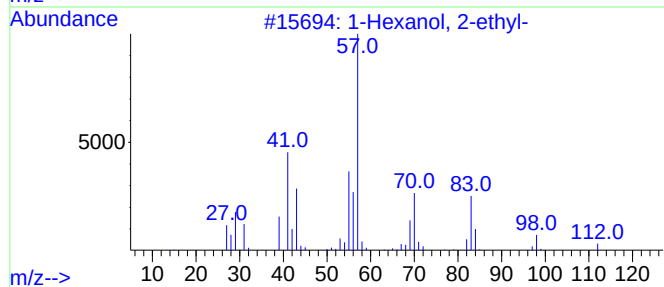
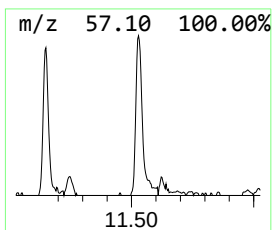
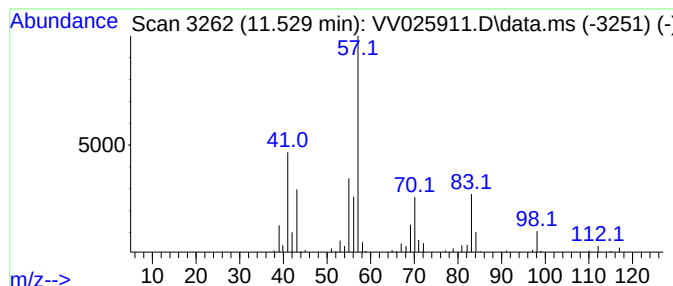
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.528	0.74 ug/L	63795	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	80
3			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
5			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64



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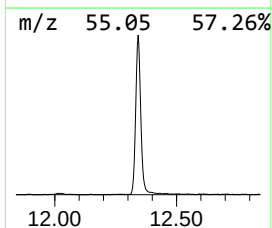
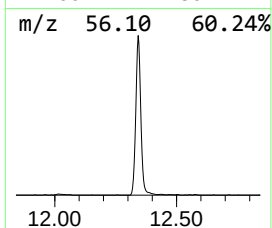
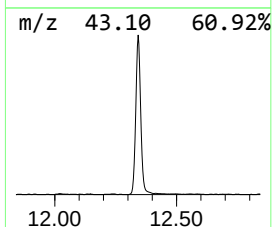
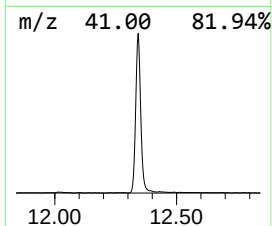
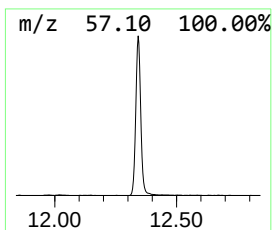
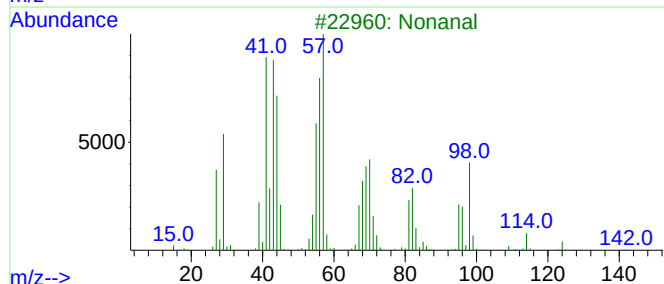
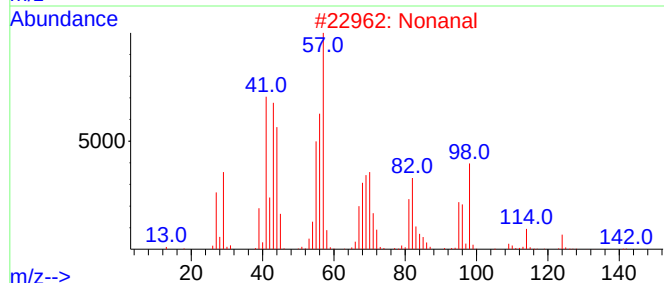
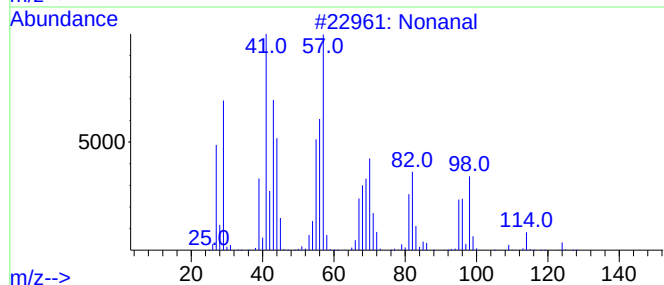
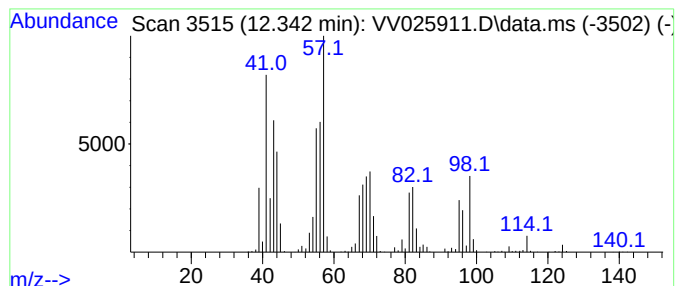
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 Nonanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.342	13.43 ug/L	1162250	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	2-Nonen-1-ol			142	C9H18O	022104-79-6	50



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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
Sulfur dioxide	1.423	2.8	ug/L	183865	1	5.619	331447	5.0
Hexanal	8.242	0.7	ug/L	58779	2	8.853	432361	5.0
Octanal	11.149	1.8	ug/L	155766	3	11.249	432783	5.0
1-Hexanol, 2-et...	11.528	0.7	ug/L	63795	3	11.249	432783	5.0
Nonanal	12.342	13.4	ug/L	1162250	3	11.249	432783	5.0