

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
 Data File : VV028169.D
 Acq On : 28 Sep 2022 19:18
 Operator : SY/MD
 Sample : N4730-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFS2

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\SFAMVTR092222WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV028169.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.105	15	20	36	rVB3	23970	31408	4.70%	0.495%
2	1.211	48	53	58	rBV	11620	9566	1.43%	0.151%
3	1.304	73	82	102	rVB2	269060	297274	44.45%	4.687%
4	1.423	102	119	135	rBV2	56274	234334	35.04%	3.695%
5	1.561	156	162	173	rVB	78895	88322	13.21%	1.393%
6	2.101	320	330	348	rVB	144790	231059	34.55%	3.643%
7	2.494	442	452	465	rVB6	7837	16195	2.42%	0.255%
8	2.754	520	533	548	rBV4	15617	29012	4.34%	0.457%
9	3.902	873	890	924	rBV4	168370	523906	78.33%	8.261%
10	4.342	1008	1027	1060	rBV2	114022	295655	44.20%	4.662%
11	4.667	1115	1128	1143	rBV10	4876	12340	1.84%	0.195%
12	4.937	1196	1212	1228	rBV3	34398	89342	13.36%	1.409%
13	5.040	1228	1244	1272	rBV2	241247	618591	92.49%	9.754%
14	5.172	1277	1285	1296	rVV8	9053	20534	3.07%	0.324%
15	5.243	1297	1307	1320	rVV6	7971	19081	2.85%	0.301%
16	5.317	1320	1330	1345	rVB10	6078	14627	2.19%	0.231%
17	5.613	1411	1422	1447	rBV	179705	373429	55.83%	5.888%
18	5.915	1504	1516	1530	rBV9	7515	17434	2.61%	0.275%
19	6.066	1549	1563	1598	rBV2	144795	334821	50.06%	5.280%
20	6.985	1837	1849	1867	rBV2	76233	145424	21.74%	2.293%
21	7.313	1938	1951	1980	rBV	242261	440001	65.79%	6.938%
22	7.442	1980	1991	2003	rVB	25951	49667	7.43%	0.783%
23	7.622	2036	2047	2069	rBV2	35780	69589	10.40%	1.097%
24	7.934	2134	2144	2155	rVB3	5906	10787	1.61%	0.170%
25	8.088	2181	2192	2221	rBV	347239	668835	100.00%	10.546%
26	8.847	2418	2428	2446	rBV	283300	469128	70.14%	7.397%
27	8.927	2447	2453	2468	rVB6	9707	18366	2.75%	0.290%
28	9.104	2497	2508	2519	rBV3	19647	33848	5.06%	0.534%
29	10.214	2841	2853	2869	rBV	119390	191922	28.69%	3.026%
30	10.381	2894	2905	2916	rBV2	12107	20239	3.03%	0.319%
31	11.246	3163	3174	3195	rBV	283397	446673	66.78%	7.043%
32	11.529	3248	3262	3277	rBV2	27557	56952	8.52%	0.898%
33	11.622	3280	3291	3314	rVB	278225	441972	66.08%	6.969%
34	15.937	4615	4633	4636	rBV	8906	21523	3.22%	0.339%

Sum of corrected areas: 6341856

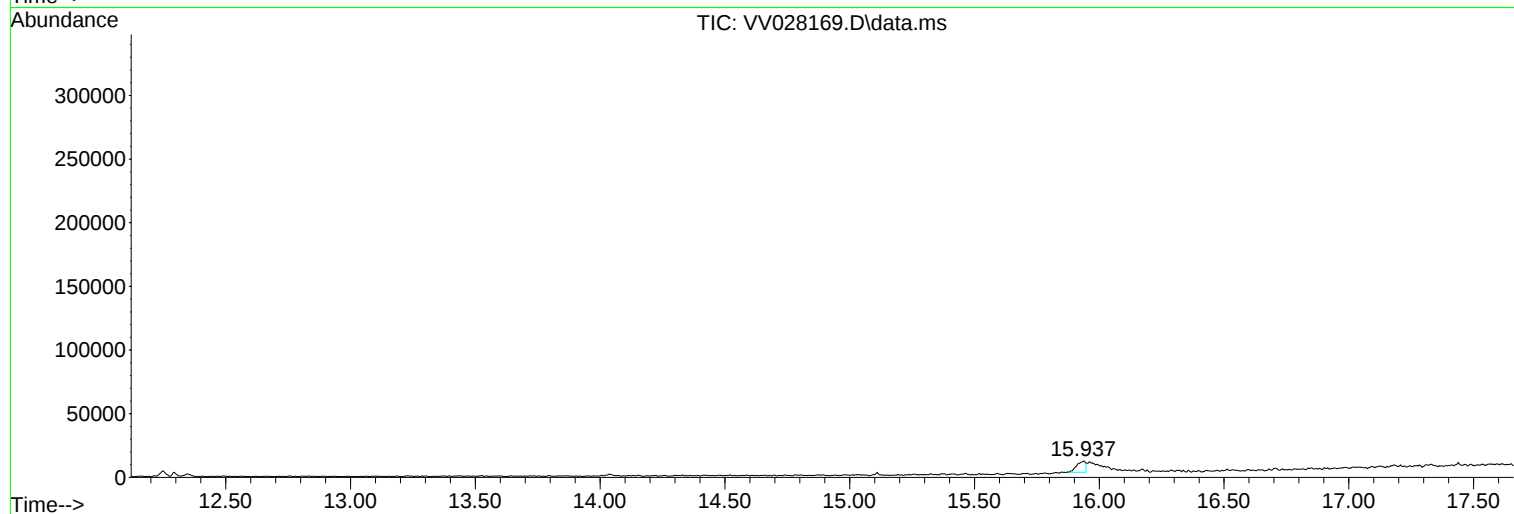
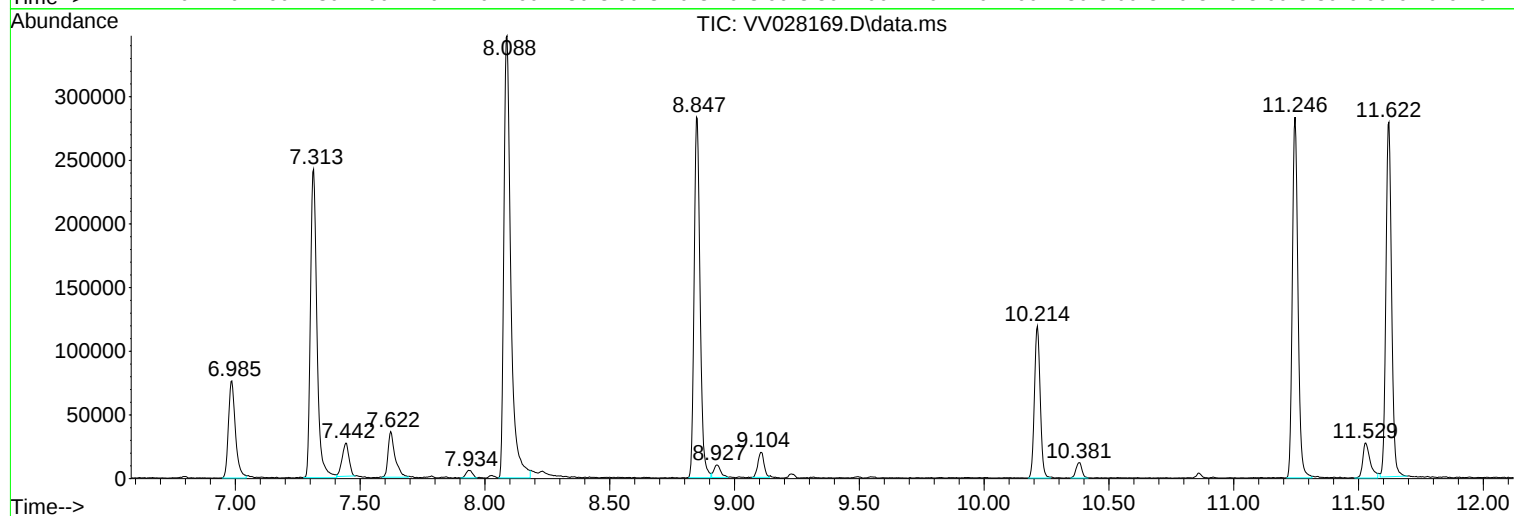
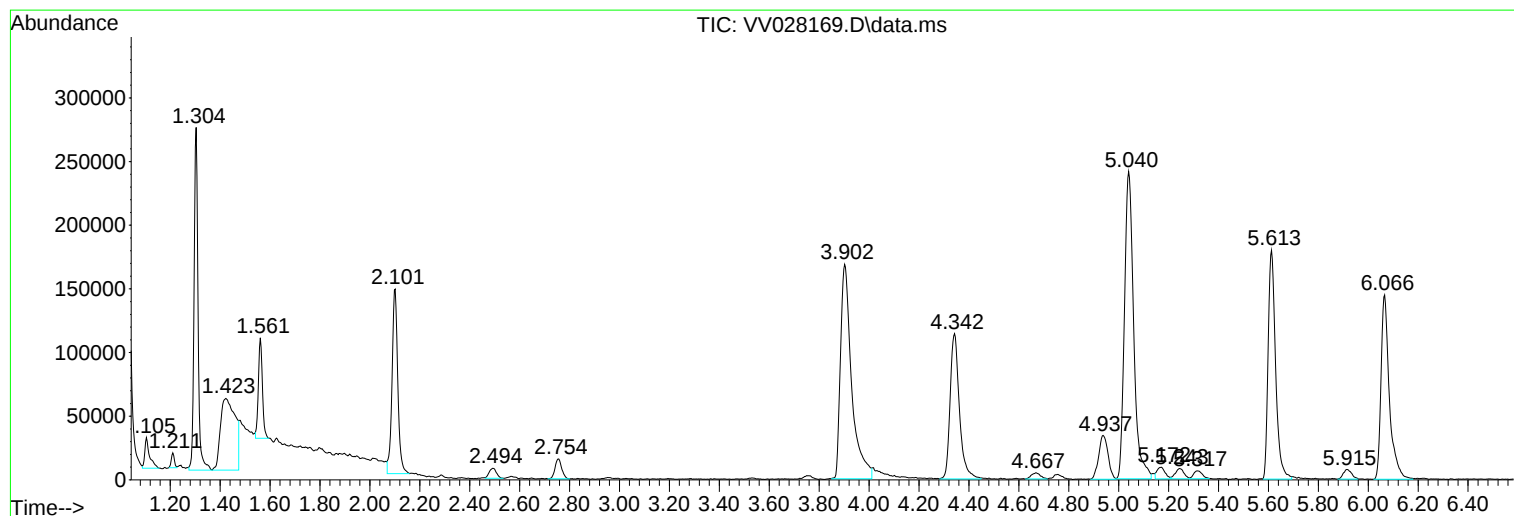
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Quant Title : TRACE VOA SFAM1.0

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



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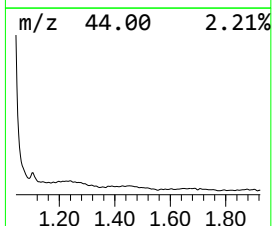
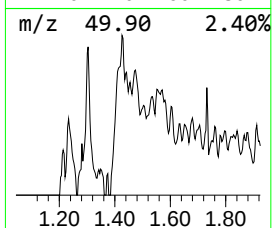
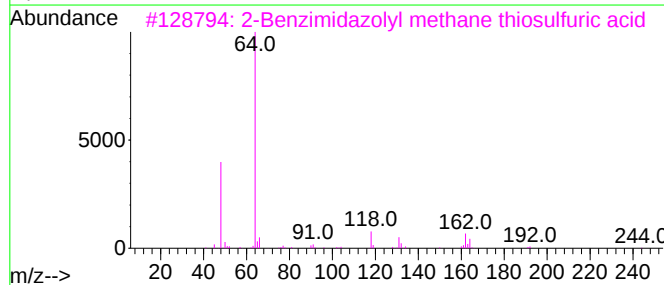
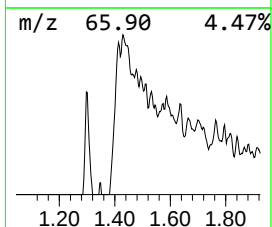
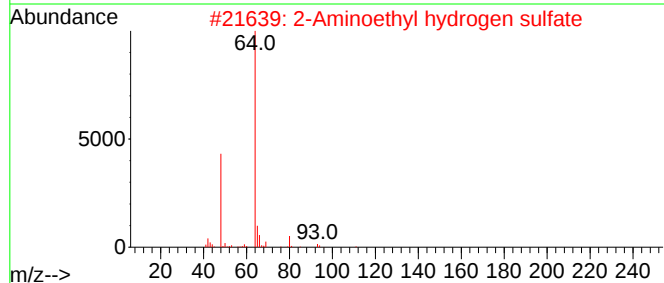
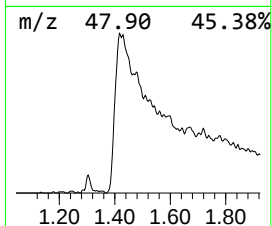
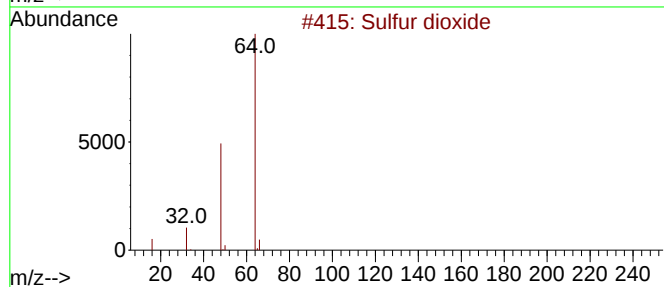
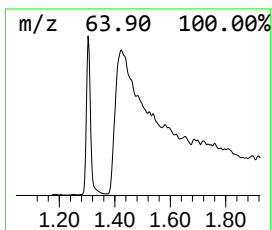
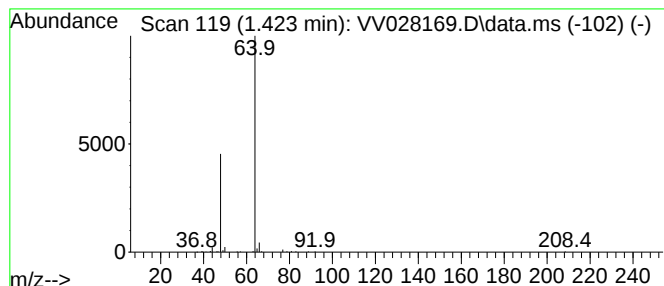
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.423	3.14 ug/L	234334	1,4-Difluorobenzene	5.612

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	90
2			2-Aminoethyl hydrogen sulfate	141	C2H7N04S	000926-39-6	83
3			2-Benzimidazolyl methane thiosul...	244	C8H8N2O3S2	1010256-39-2	74
4			1,1,1,2,2,3,3,4,4,5,5-Undecaflu...	602	C10F22O2S	1000486-78-5	64
5			Aminomethanesulfonic acid	111	CH5N03S	013881-91-9	64



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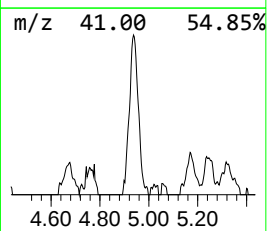
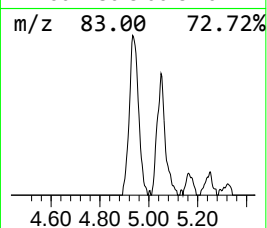
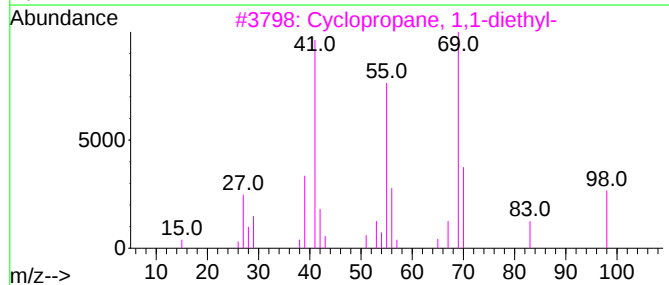
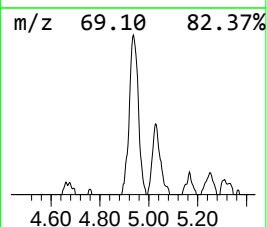
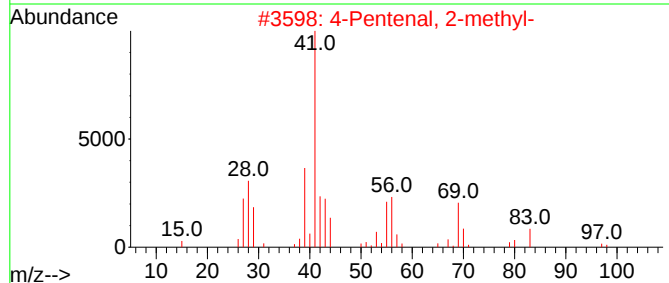
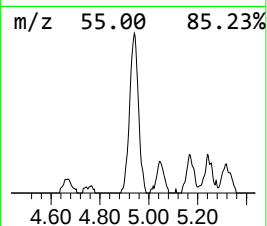
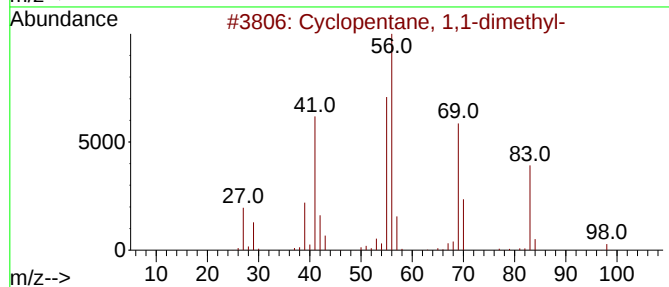
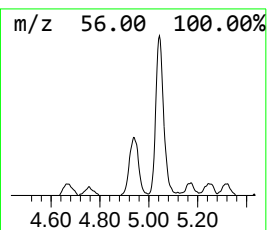
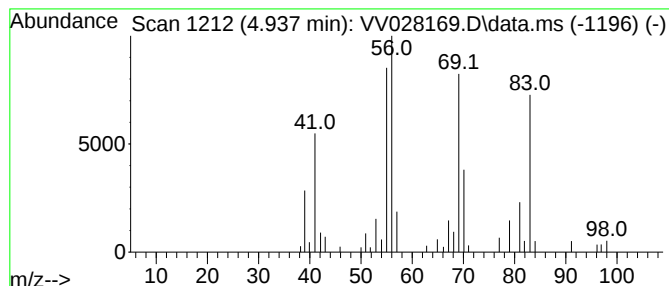
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 (DEL) Alkane: Cyclic4.937 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.937	1.20 ug/L	89342	1,4-Difluorobenzene	5.612

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	87
2			4-Pentenal, 2-methyl-	98	C6H10O	005187-71-3	72
3			Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	46
4			3-Pentenal, 4-methyl-	98	C6H10O	005362-50-5	43
5			3-Methyl-2-hexene	98	C7H14	017618-77-8	43



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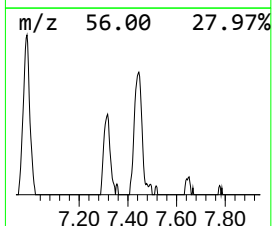
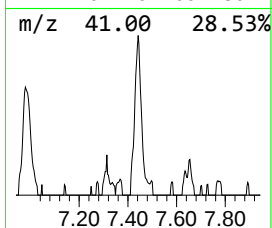
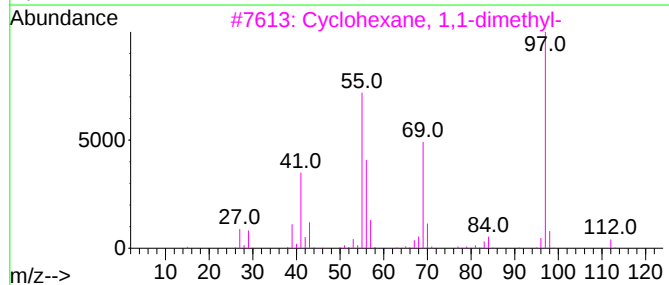
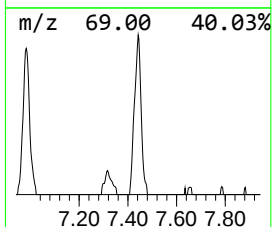
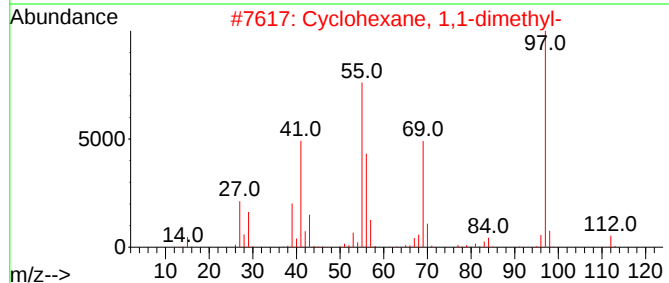
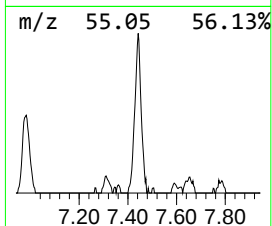
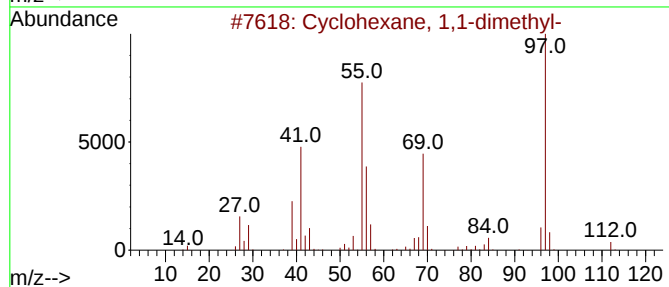
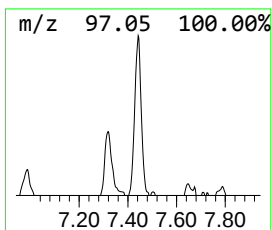
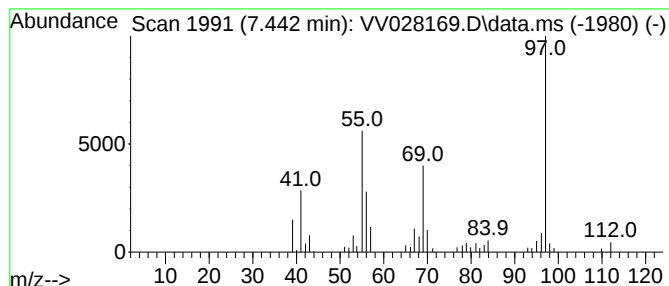
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 (DEL) Alkane: Cyclic7.442 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.442	0.53 ug/L	49667	Chlorobenzene-d5	8.847

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	90
2			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	87
3			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	83
4			1H-Pyrrole-2,5-dione	97	C4H3NO2	000541-59-3	47
5			Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	45



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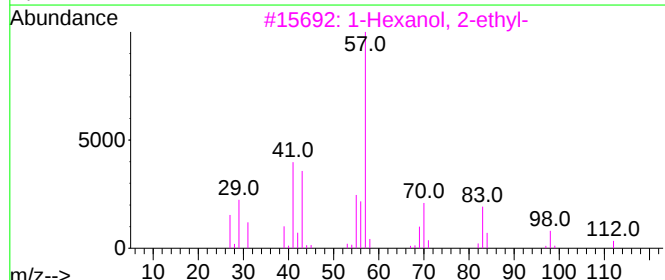
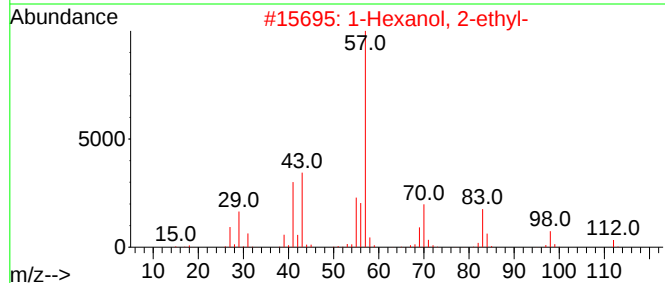
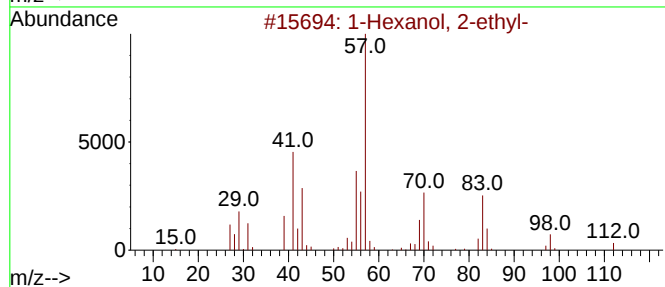
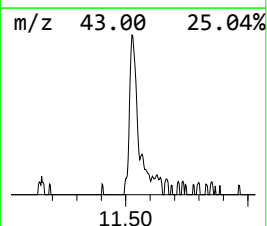
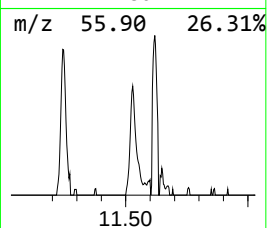
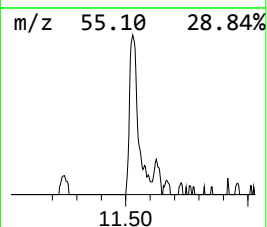
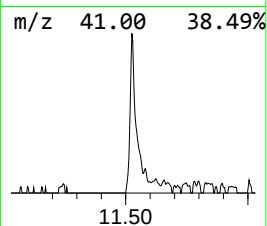
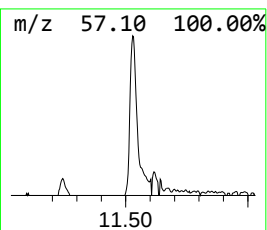
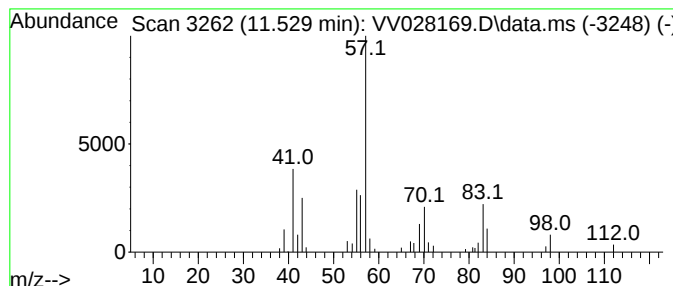
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Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.529	0.64 ug/L	56952	1,4-Dichlorobenzene-d4	11.246

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	83
3	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	83
4	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	78
5	1-Hexanol, 2-ethyl-			130	C8H18O	000104-76-7	72



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TIC Library : C:\Database\NIST20.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.423	3.1	ug/L	234334	1	5.612	373429	5.0
(DEL) Alkane: C...	4.937	1.2	ug/L	89342	1	5.612	373429	5.0
(DEL) Alkane: C...	7.442	0.5	ug/L	49667	2	8.847	469128	5.0
1-Hexanol, 2-et...	11.529	0.6	ug/L	56952	3	11.246	446673	5.0