

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040523\
 Data File : VV030396.D
 Acq On : 05 Apr 2023 13:19
 Operator : SY/MD
 Sample : 02194-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDT8

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\SFAMVTR032323WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV030396.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.089	9	15	32	rVB2	299384	307553	5.01%	1.607%
2	1.278	65	74	85	rBV2	242359	339655	5.53%	1.775%
3	1.355	85	98	118	rBV	164445	493886	8.05%	2.580%
4	1.536	147	154	166	rVB2	74292	104974	1.71%	0.548%
5	1.600	168	174	187	rVB	69195	88265	1.44%	0.461%
6	1.728	208	214	220	rBV	62672	79326	1.29%	0.414%
7	1.770	220	227	242	rVB2	127693	191830	3.13%	1.002%
8	2.069	310	320	334	rVB3	179719	321312	5.23%	1.679%
9	3.117	627	646	675	rBV	279497	617623	10.06%	3.227%
10	3.818	848	864	901	rBV2	315016	858959	13.99%	4.488%
11	4.259	986	1001	1024	rBV2	96222	252810	4.12%	1.321%
12	4.966	1204	1221	1246	rBV2	195093	524294	8.54%	2.739%
13	5.542	1387	1400	1425	rBV	173643	378121	6.16%	1.975%
14	5.841	1480	1493	1514	rBV	99490	205535	3.35%	1.074%
15	5.995	1528	1541	1556	rBV	124785	261828	4.27%	1.368%
16	6.101	1565	1574	1589	rVB2	31020	64086	1.04%	0.335%
17	6.918	1815	1828	1845	rBV2	51033	101821	1.66%	0.532%
18	7.249	1919	1931	1947	rBV	202659	362954	5.91%	1.896%
19	7.561	2016	2028	2048	rVB2	30854	62821	1.02%	0.328%
20	7.911	2120	2137	2165	rBV	2771415	4652330	75.79%	24.306%
21	8.034	2165	2175	2209	rVB	260615	507278	8.26%	2.650%
22	8.792	2399	2411	2432	rBV	259166	442659	7.21%	2.313%
23	10.162	2819	2837	2853	rBV	93438	158394	2.58%	0.828%
24	11.136	3129	3140	3146	rBV	117122	177880	2.90%	0.929%
25	11.188	3146	3156	3178	rVB	4272634	6138074	100.00%	32.068%
26	11.567	3263	3274	3292	rVB	259010	429388	7.00%	2.243%
27	12.204	3459	3472	3484	rBV4	54752	101172	1.65%	0.529%
28	12.416	3529	3538	3545	rBV2	69696	107999	1.76%	0.564%
29	12.821	3654	3664	3680	rBV10	39360	123048	2.00%	0.643%
30	12.992	3700	3717	3740	rVB6	97715	301532	4.91%	1.575%
31	13.426	3847	3852	3865	rVB4	47665	69136	1.13%	0.361%
32	13.490	3866	3872	3891	rVB7	55414	114277	1.86%	0.597%
33	13.593	3891	3904	3917	rBV2	84779	199931	3.26%	1.045%

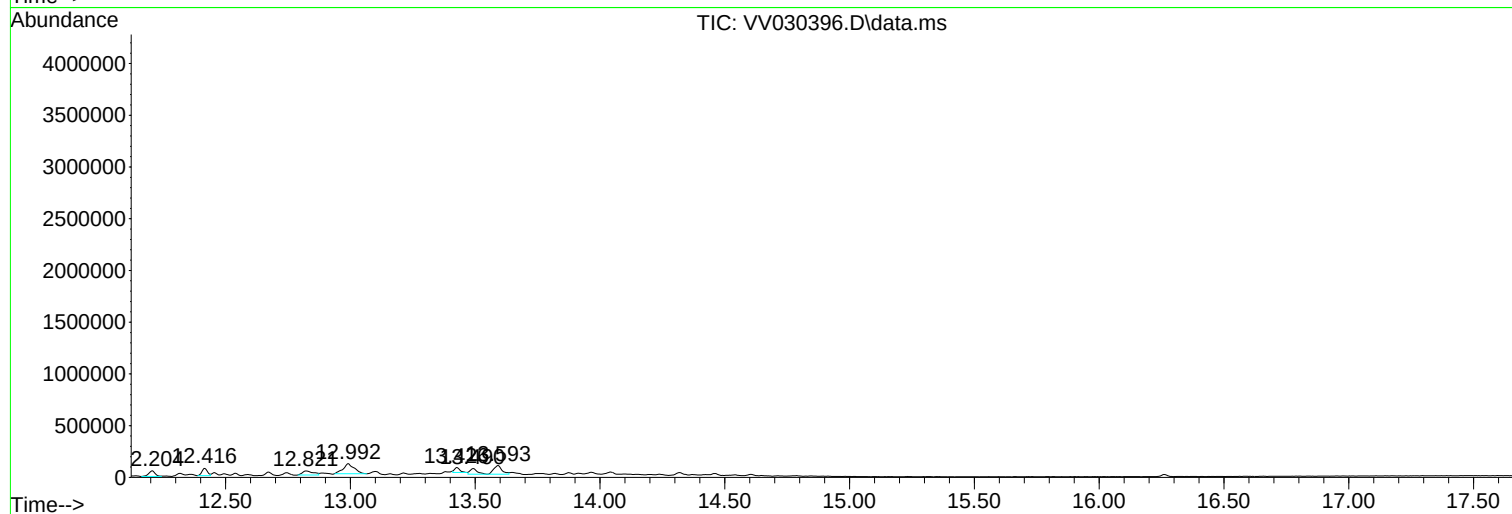
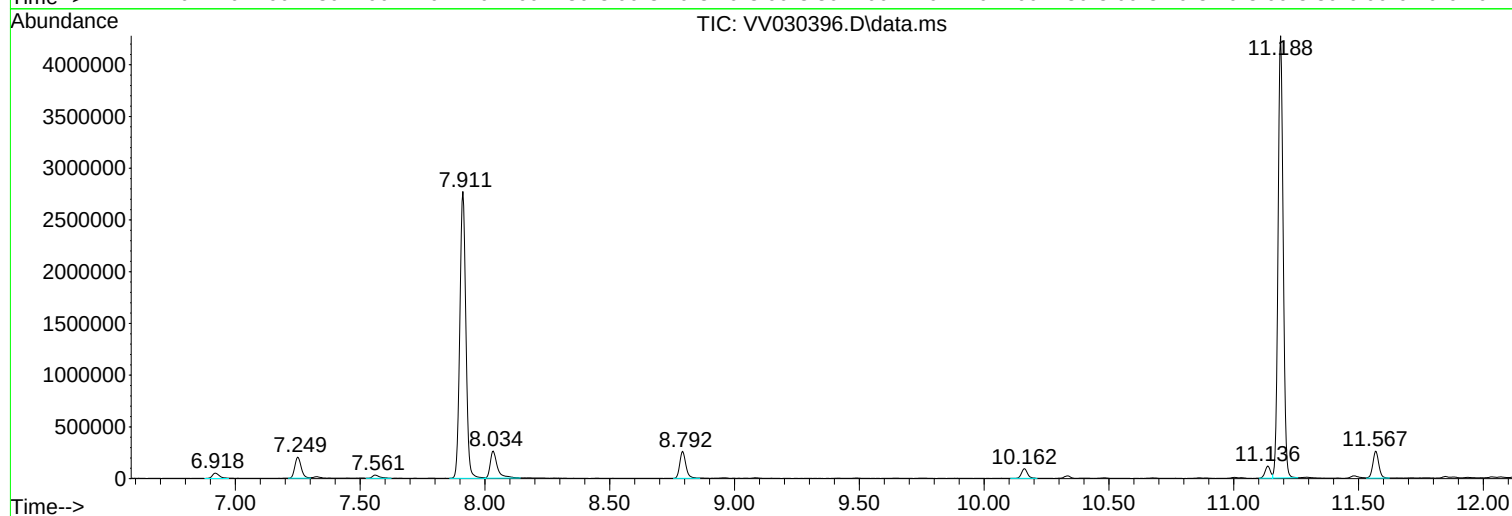
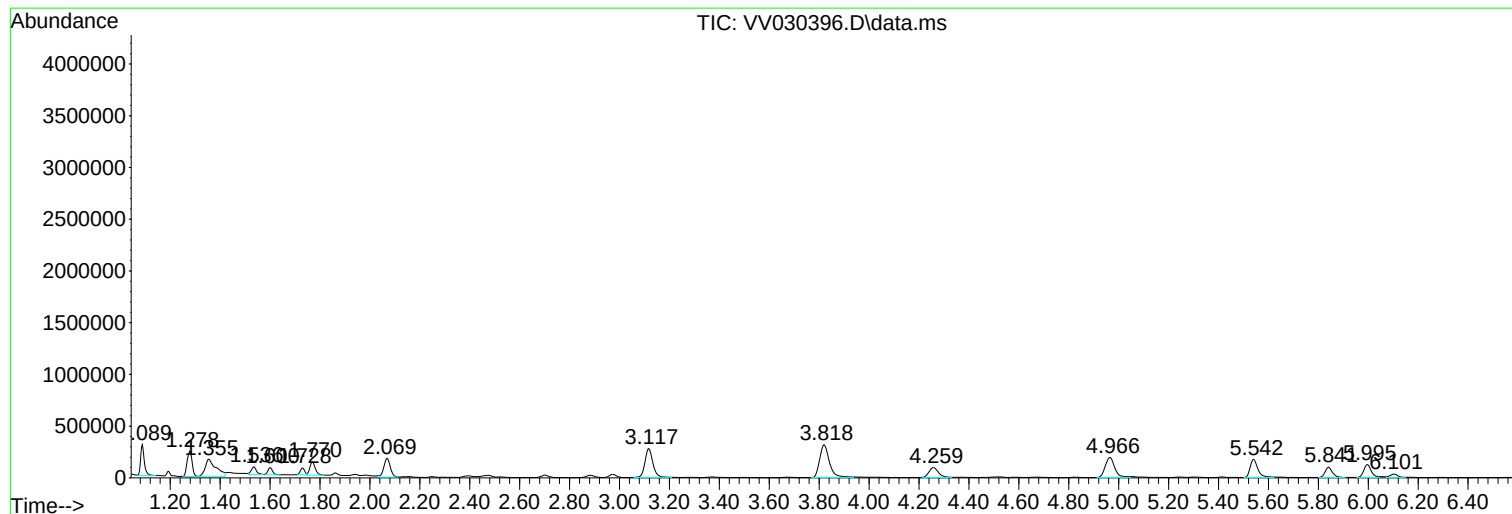
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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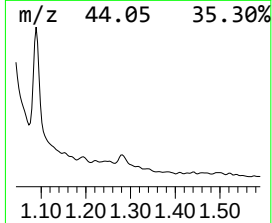
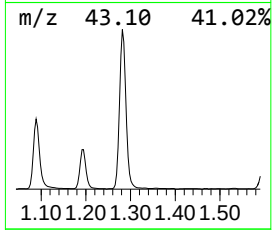
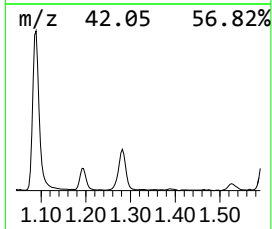
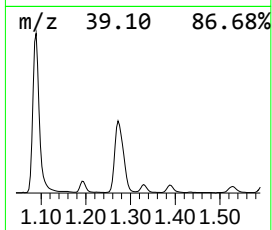
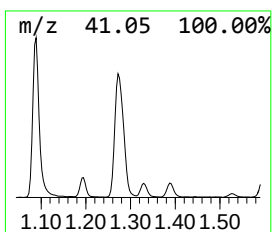
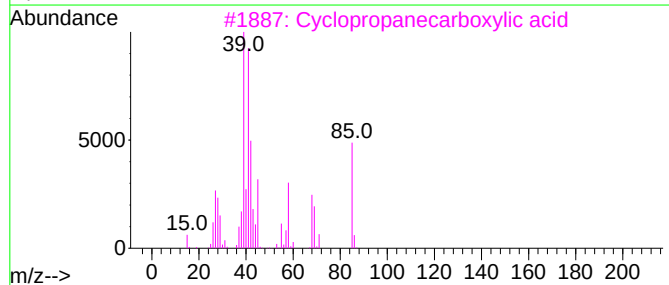
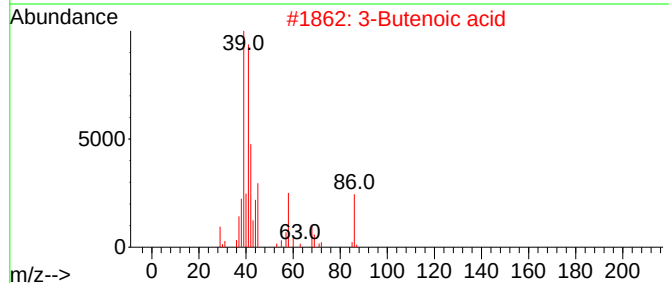
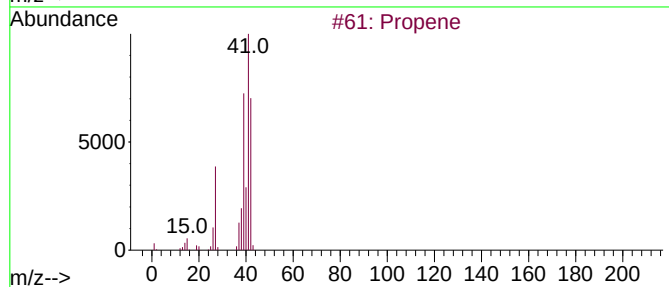
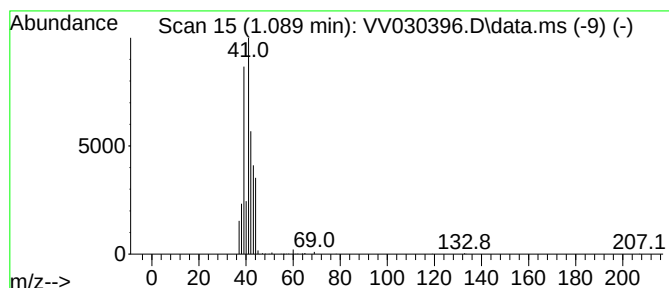
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.089	4.07 ug/L	307553	1,4-Difluorobenzene	5.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propene	42	C3H6	000115-07-1	86
2			3-Butenoic acid	86	C4H6O2	000625-38-7	78
3			Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	64
4			2-Butenal, (E)-	70	C4H6O	000123-73-9	64
5			1-Propene, 3,3,3-trifluoro-2-met...	110	C4H5F3	000374-00-5	56



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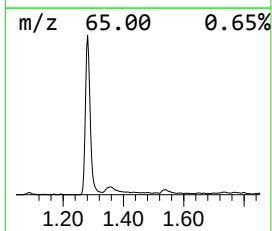
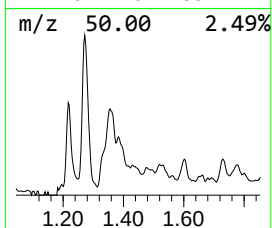
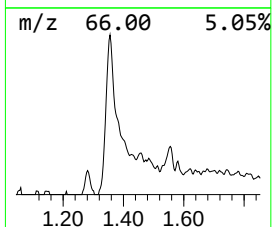
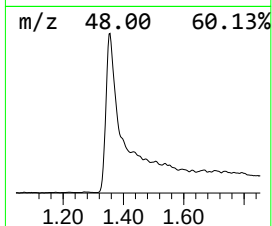
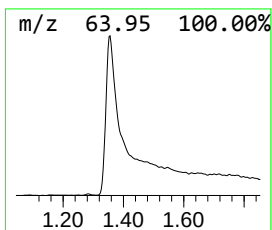
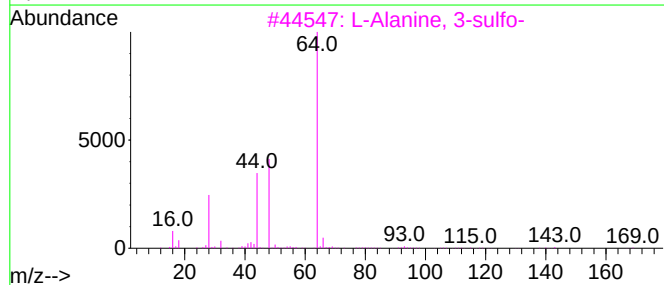
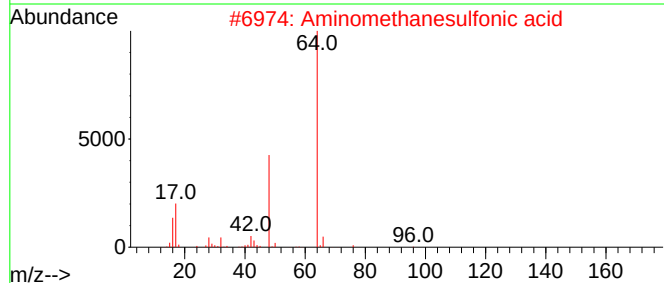
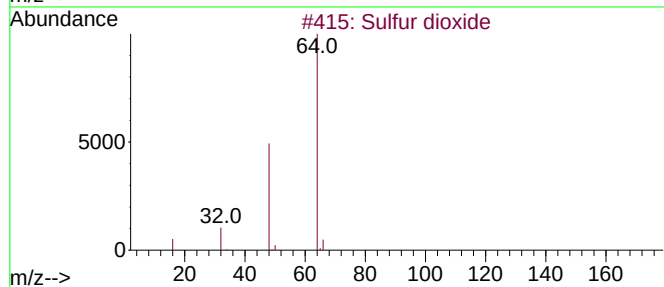
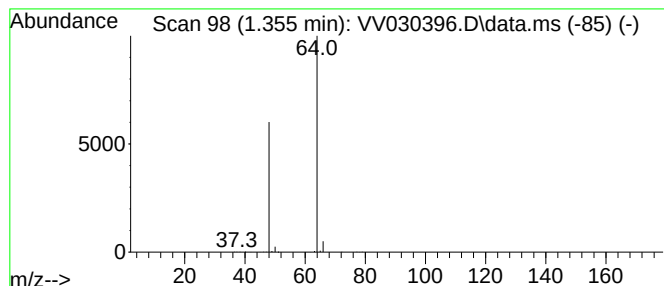
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.355	6.53 ug/L	493886	1,4-Difluorobenzene	5.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	90
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			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4



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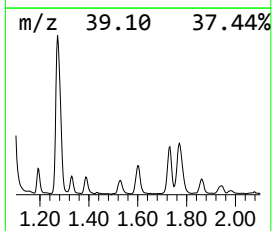
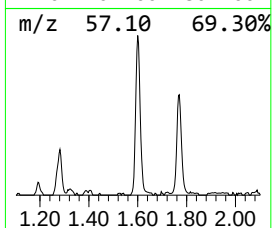
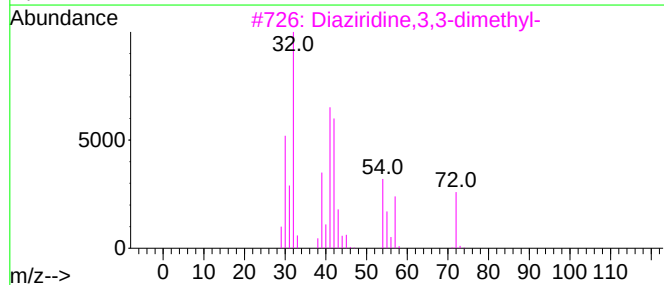
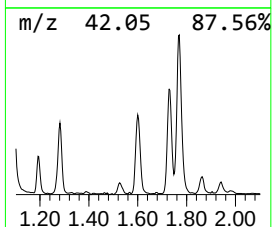
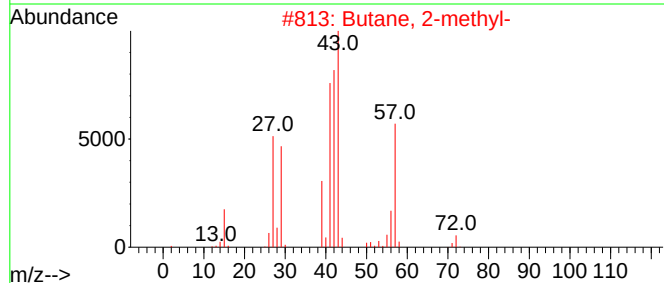
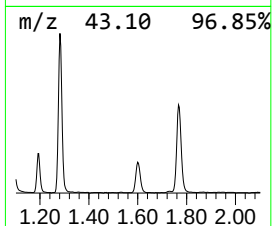
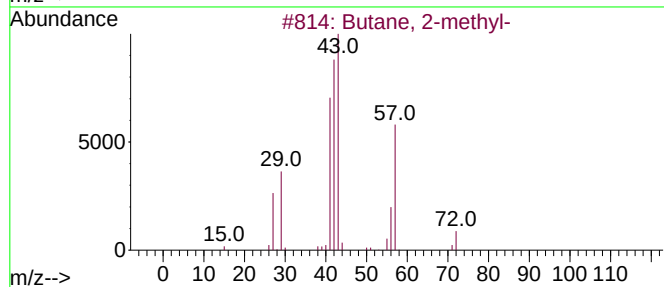
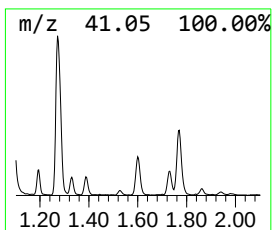
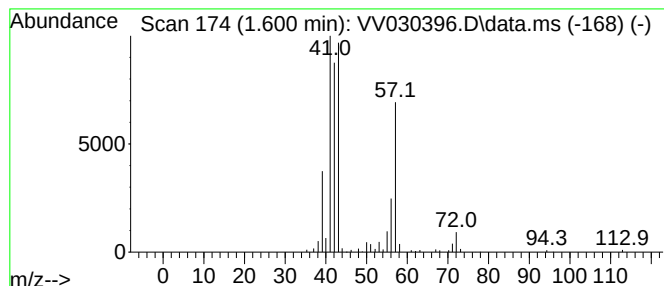
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.600	1.17 ug/L	88265	1,4-Difluorobenzene	5.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	90
2			Butane, 2-methyl-	72	C5H12	000078-78-4	80
3			Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	53
4			Pentane	72	C5H12	000109-66-0	40
5			3-Buten-1-ol	72	C4H8O	000627-27-0	25



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Instrument :
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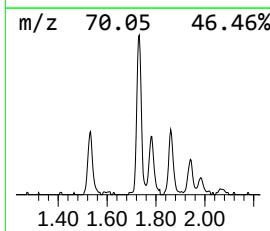
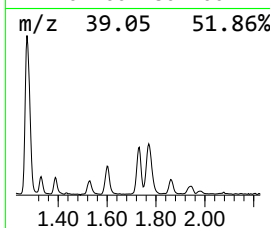
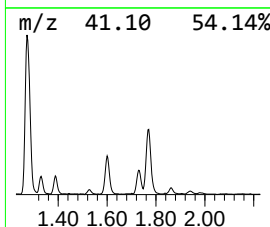
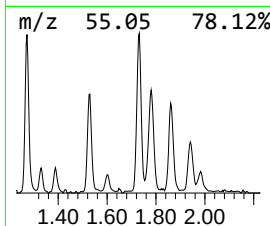
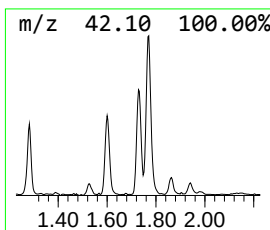
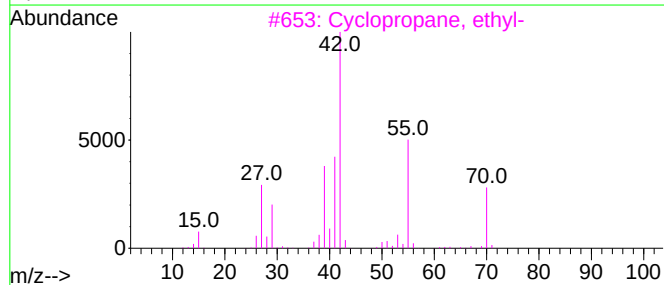
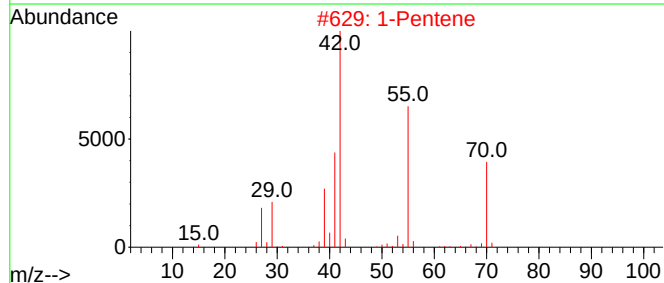
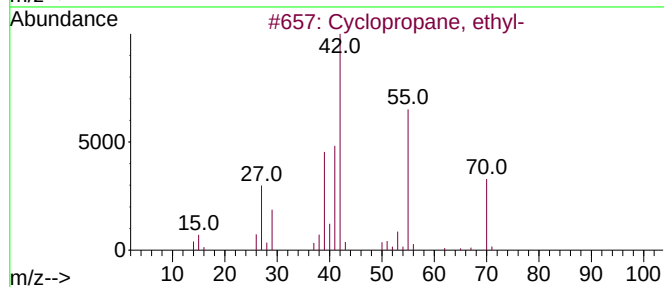
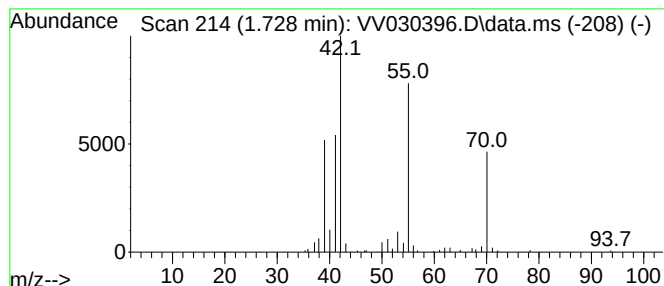
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 (DEL) Alkane: Cyclic1.728 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.728	1.05 ug/L	79326	1,4-Difluorobenzene	5.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropane, ethyl-	70	C5H10	001191-96-4	91
2			1-Pentene	70	C5H10	000109-67-1	64
3			Cyclopropane, ethyl-	70	C5H10	001191-96-4	64
4			1-Pentene	70	C5H10	000109-67-1	64
5			Cyclopropane, ethyl-	70	C5H10	001191-96-4	59



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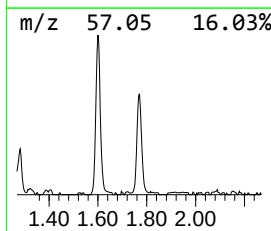
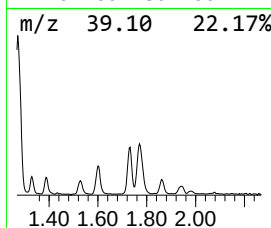
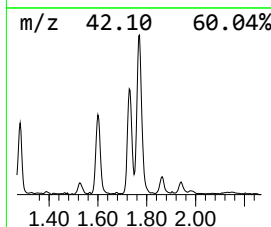
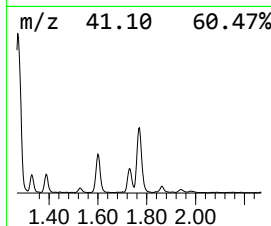
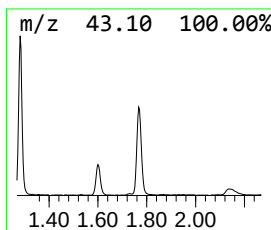
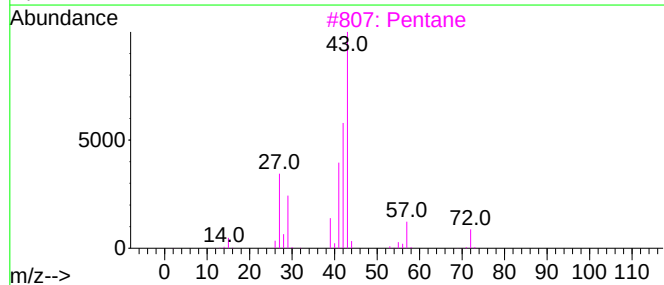
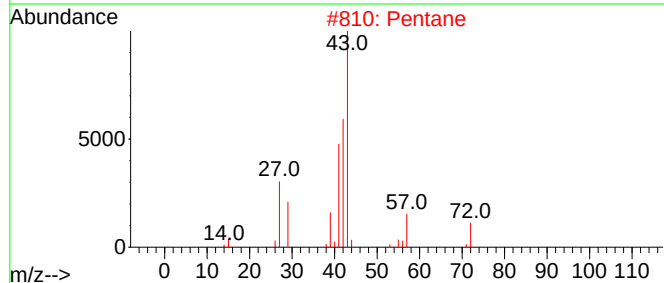
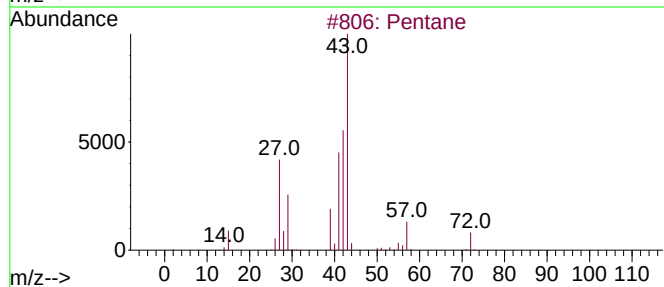
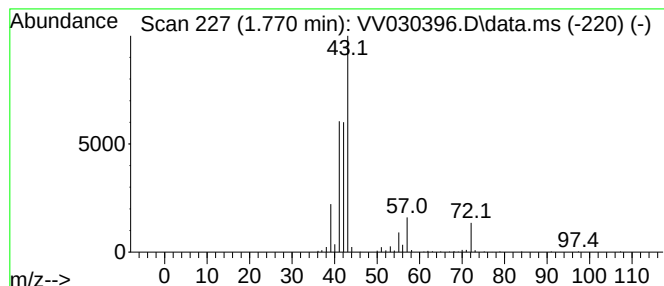
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.770	2.54 ug/L	191830	1,4-Difluorobenzene	5.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane			72	C5H12	000109-66-0	80
2	Pentane			72	C5H12	000109-66-0	80
3	Pentane			72	C5H12	000109-66-0	72
4	Pentane			72	C5H12	000109-66-0	72
5	Pentane			72	C5H12	000109-66-0	59



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	1.089	4.1	ug/L	307553	1	5.542	378121	5.0
Sulfur dioxide	1.355	6.5	ug/L	493886	1	5.542	378121	5.0
(DEL) Alkane: S...	1.600	1.2	ug/L	88265	1	5.542	378121	5.0
(DEL) Alkane: C...	1.728	1.1	ug/L	79326	1	5.542	378121	5.0
(DEL) Alkane: S...	1.770	2.5	ug/L	191830	1	5.542	378121	5.0