

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032824\
 Data File : VU058243.D
 Acq On : 28 Mar 2024 16:41
 Operator : MD/SY
 Sample : P1902-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCOB6

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\SFAMUTR032124WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU058243.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.358	15	21	35	rVB2	10407	10464	2.98%	0.318%
2	1.486	56	61	67	rBV	4493	4029	1.15%	0.123%
3	1.596	87	95	106	rVB2	48636	54294	15.48%	1.652%
4	1.907	184	192	208	rVB	29364	36657	10.45%	1.116%
5	1.991	208	218	231	rVB	54869	75906	21.64%	2.310%
6	2.200	273	283	295	rBV	42776	60180	17.16%	1.831%
7	2.563	385	396	415	rVB	44304	75189	21.44%	2.288%
8	3.039	533	544	549	rBV5	2483	4719	1.35%	0.144%
9	3.078	549	556	562	rVV4	3782	6469	1.84%	0.197%
10	3.129	563	572	590	rVB3	11085	22284	6.35%	0.678%
11	3.354	631	642	654	rVB4	4079	8528	2.43%	0.260%
12	4.525	990	1006	1024	rVB3	27052	64492	18.39%	1.963%
13	4.653	1024	1046	1071	rBV3	60243	208554	59.47%	6.347%
14	5.055	1156	1171	1195	rVB	46596	102268	29.16%	3.112%
15	5.380	1257	1272	1290	rBV3	33118	73797	21.04%	2.246%
16	5.718	1359	1377	1384	rBV2	92205	232601	66.33%	7.079%
17	5.766	1384	1392	1407	rVV	169911	350690	100.00%	10.672%
18	5.843	1407	1416	1433	rVB3	10247	25591	7.30%	0.779%
19	6.242	1527	1540	1566	rBV	87284	168899	48.16%	5.140%
20	6.534	1617	1631	1653	rBV	178558	337557	96.26%	10.273%
21	6.682	1665	1677	1692	rBV	57489	110890	31.62%	3.375%
22	6.756	1692	1700	1710	rVB4	3790	7350	2.10%	0.224%
23	7.560	1940	1950	1963	rBV	22958	41597	11.86%	1.266%
24	7.628	1963	1971	1984	rVB3	3047	6465	1.84%	0.197%
25	7.891	2042	2053	2072	rBV	104156	181600	51.78%	5.526%
26	8.046	2092	2101	2115	rBV3	7111	12973	3.70%	0.395%
27	8.174	2131	2141	2155	rBV	12959	22127	6.31%	0.673%
28	8.547	2245	2257	2272	rBV	82967	142558	40.65%	4.338%
29	8.631	2272	2283	2314	rVV2	104995	218829	62.40%	6.659%
30	9.412	2514	2526	2544	rBV	123197	211530	60.32%	6.437%
31	10.750	2931	2942	2956	rBV	38350	62165	17.73%	1.892%
32	11.807	3255	3271	3292	rBV	112781	184775	52.69%	5.623%
33	12.187	3378	3389	3408	rBV	93599	159974	45.62%	4.868%

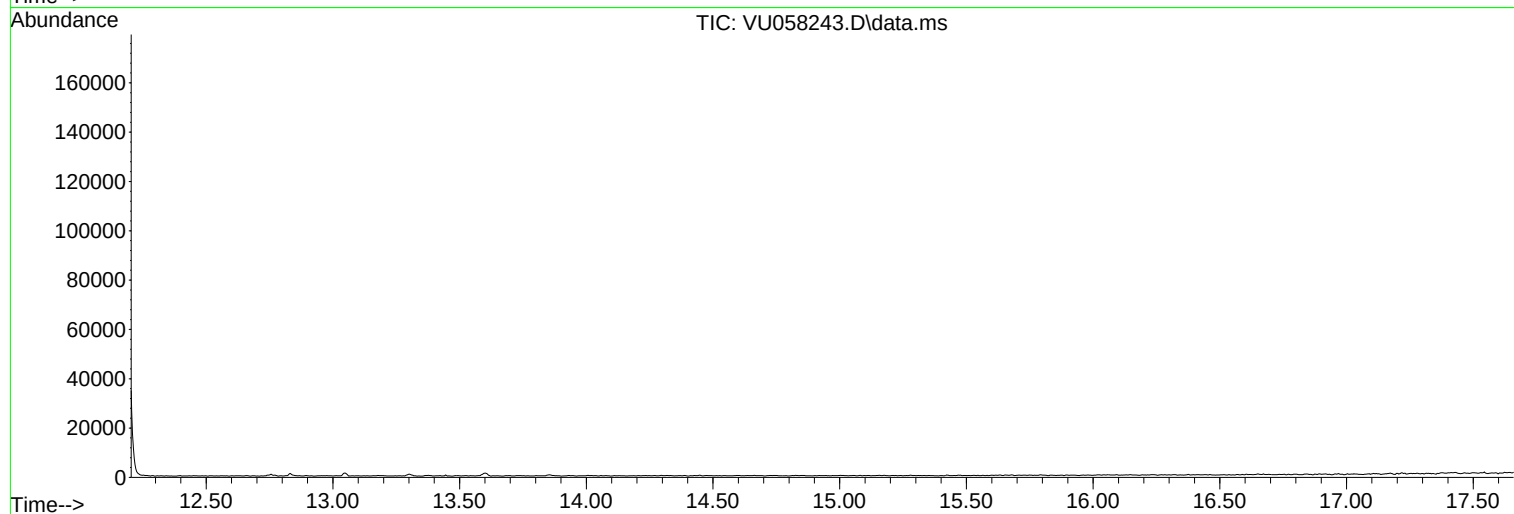
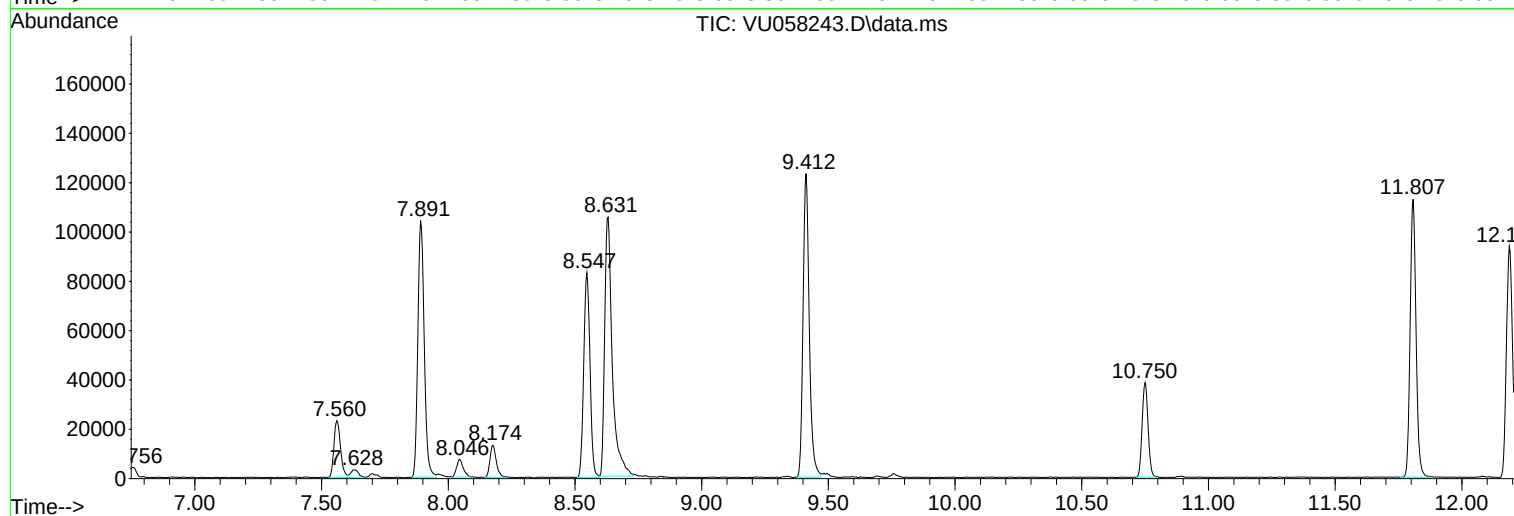
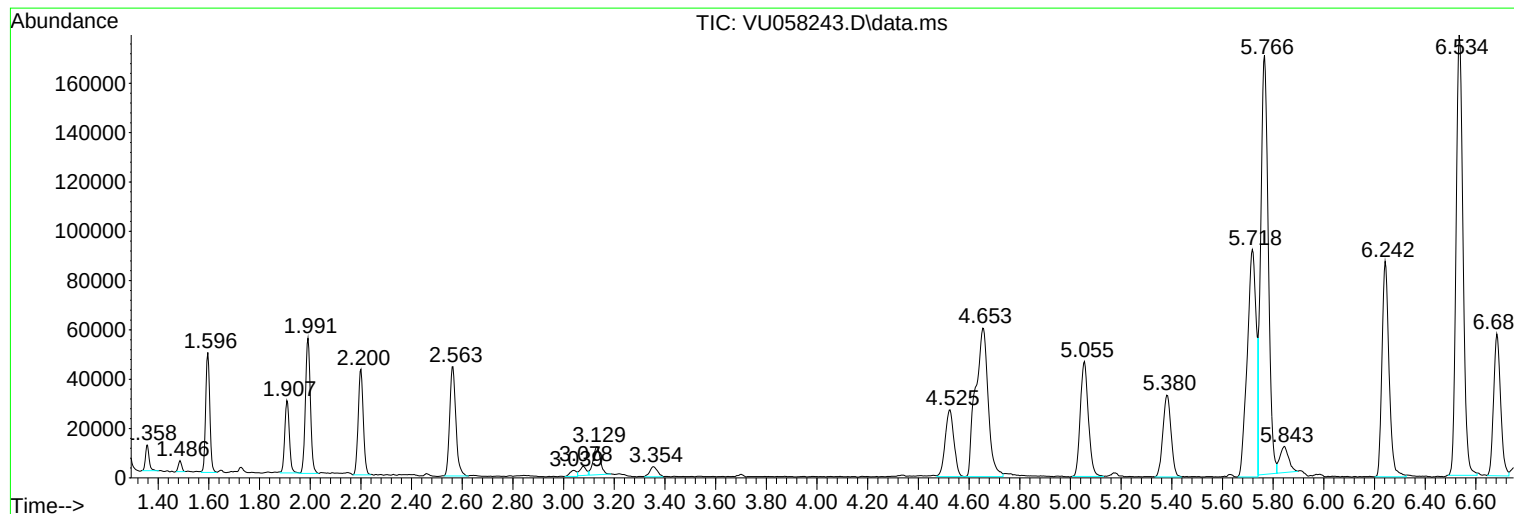
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ClientSampleId :
DCOB6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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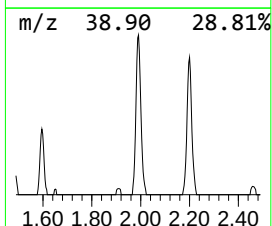
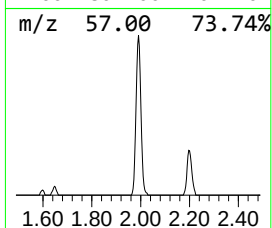
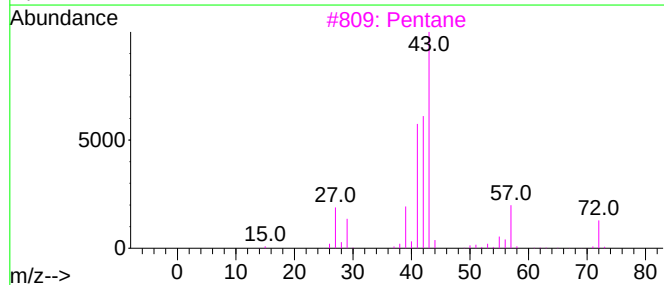
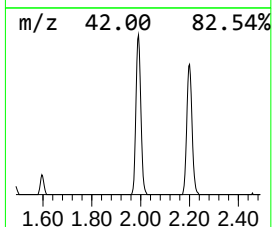
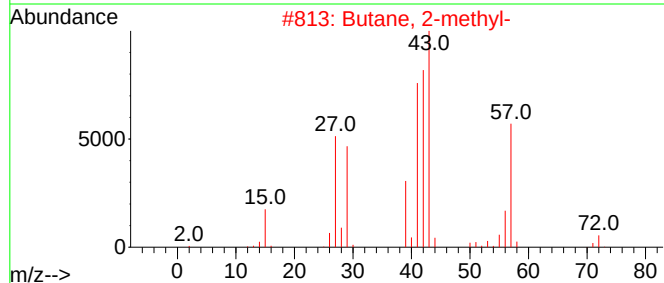
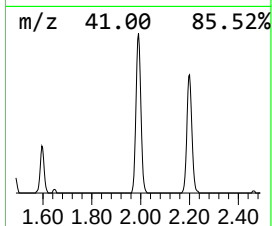
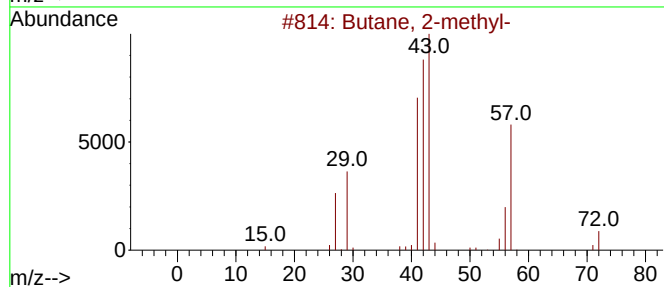
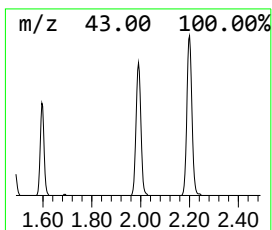
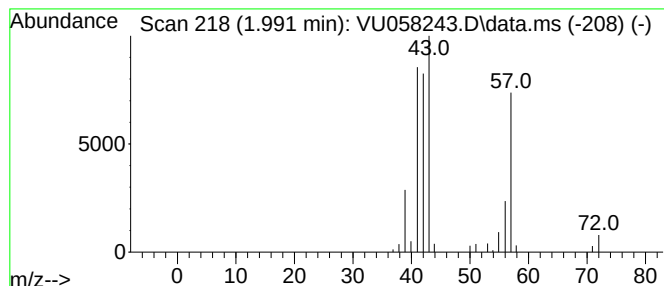
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Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.991	2.25 ug/L	75906	1,4-Difluorobenzene	6.242

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-			72	C5H12	000078-78-4	86
2	Butane, 2-methyl-			72	C5H12	000078-78-4	80
3	Pentane			72	C5H12	000109-66-0	45
4	3-Buten-1-ol			72	C4H8O	000627-27-0	38
5	Oxirane, trimethyl-			86	C5H10O	005076-19-7	36



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Instrument :
MSVOA_U
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DCOB6

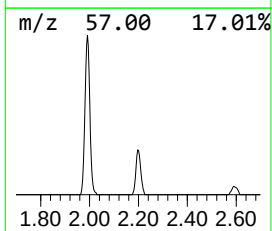
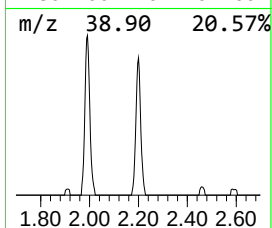
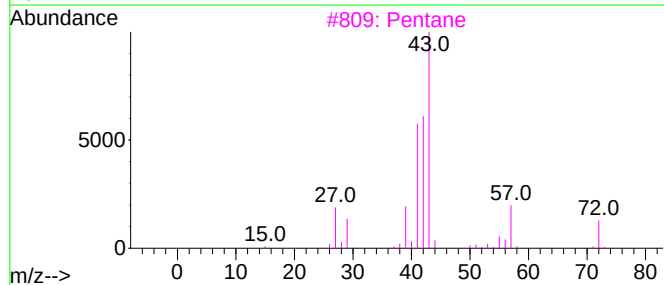
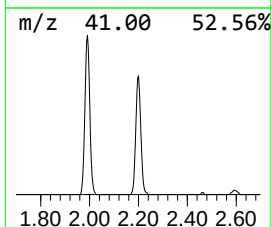
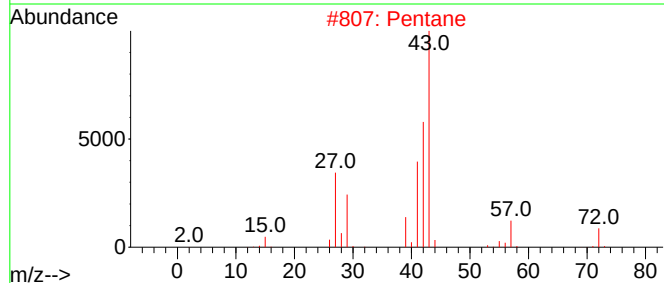
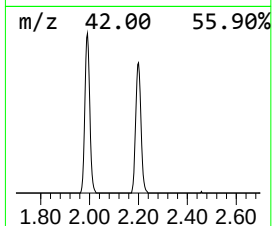
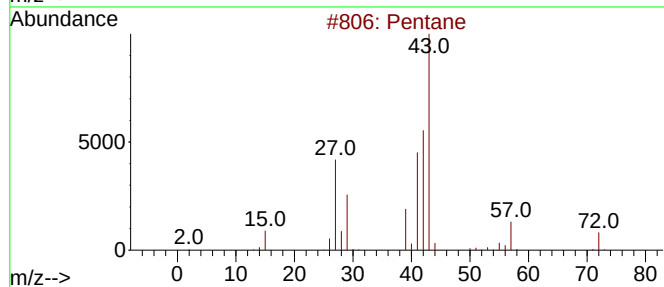
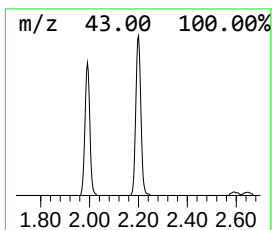
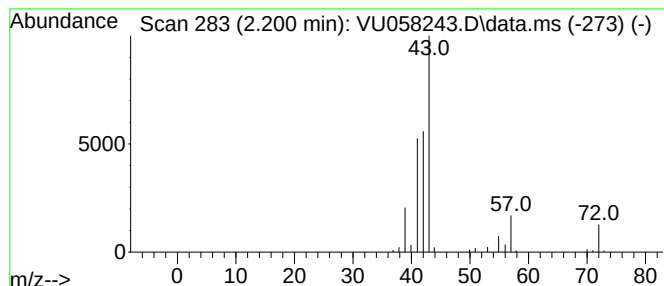
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.200	1.78 ug/L	60180	1,4-Difluorobenzene	6.242

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane	72	C5H12	000109-66-0	90
2		Pentane	72	C5H12	000109-66-0	90
3		Pentane	72	C5H12	000109-66-0	83
4		Pentane	72	C5H12	000109-66-0	56
5		Oxirane, ethyl-	72	C4H8O	000106-88-7	50



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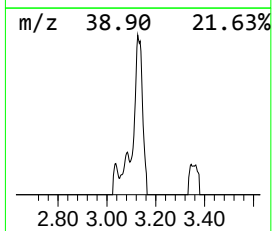
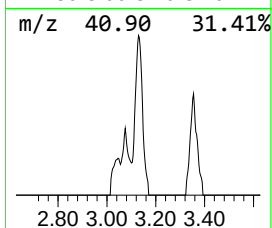
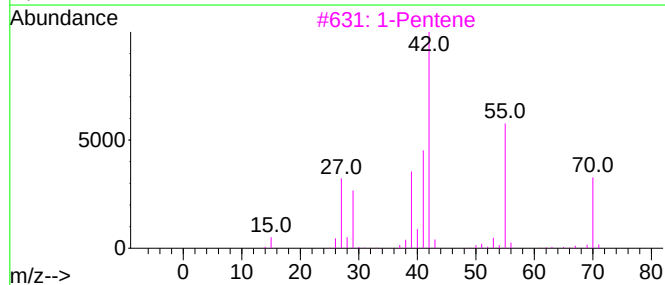
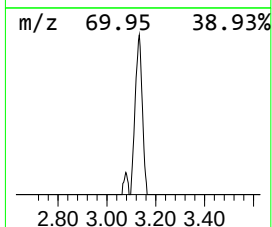
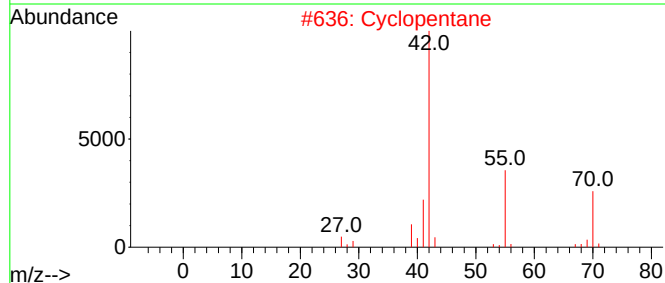
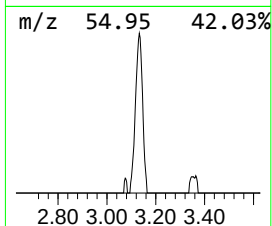
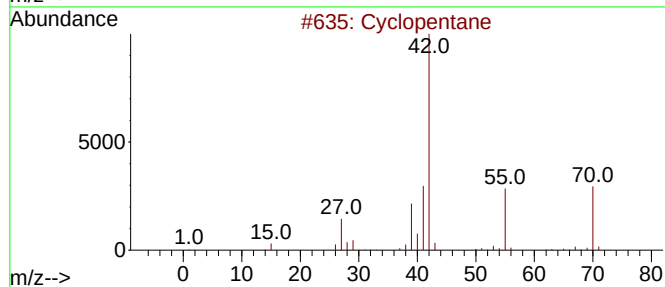
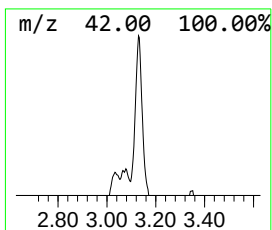
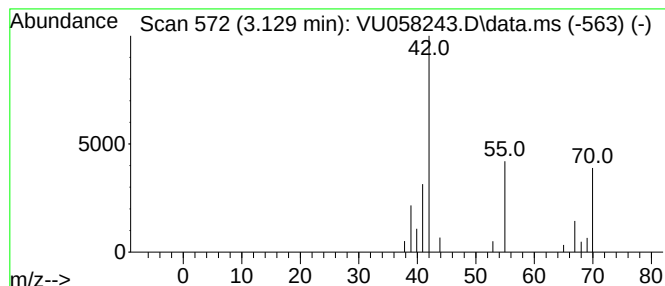
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 (DEL) Alkane: Cyclic3.129 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.129	0.66 ug/L	22284	1,4-Difluorobenzene	6.242

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane	70	C5H10	000287-92-3	72
2		Cyclopentane	70	C5H10	000287-92-3	9
3		1-Pentene	70	C5H10	000109-67-1	9
4		Cyclopentane	70	C5H10	000287-92-3	9
5		2H-Tetrazole, 2,5-dimethyl-	98	C3H6N4	004135-93-7	9



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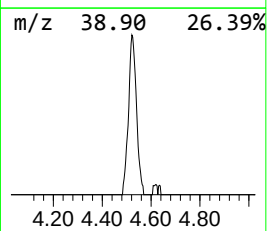
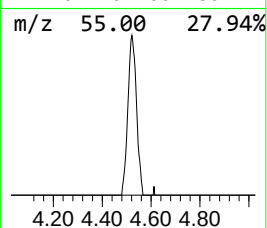
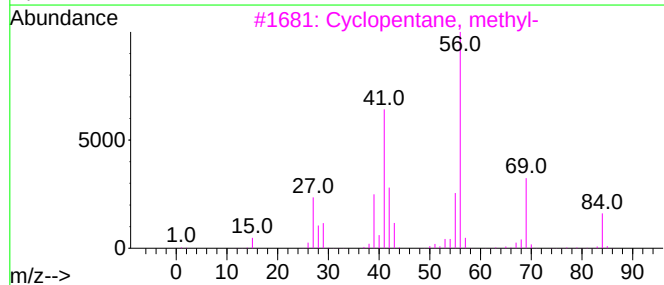
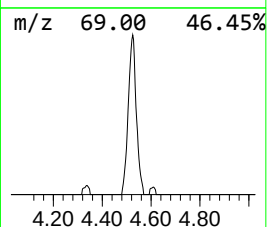
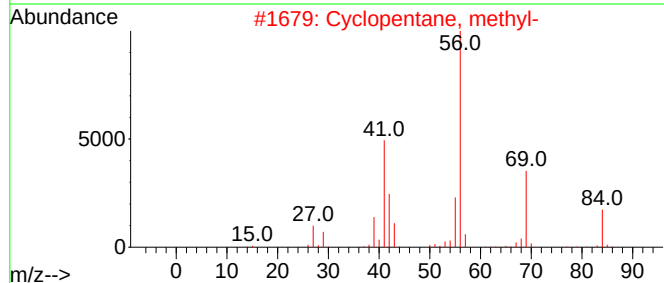
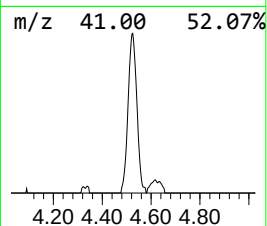
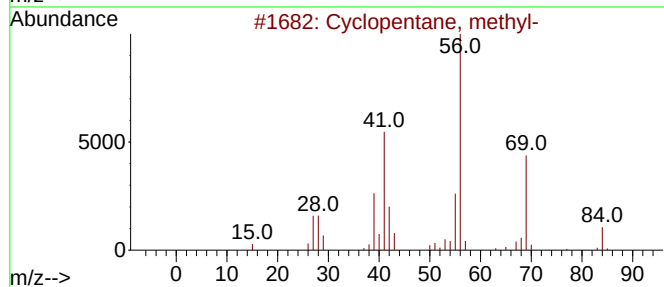
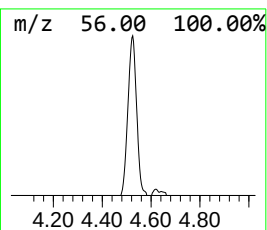
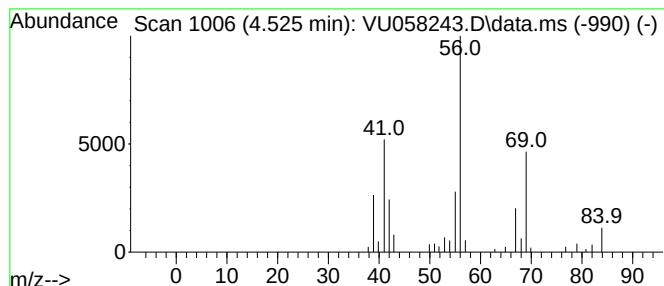
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 (DEL) Alkane: Cyclic4.525 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.525	1.91 ug/L	64492	1,4-Difluorobenzene	6.242

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	81
2			Cyclopentane, methyl-	84	C6H12	000096-37-7	64
3			Cyclopentane, methyl-	84	C6H12	000096-37-7	64
4			Cyclopentane, methyl-	84	C6H12	000096-37-7	59
5			1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	58



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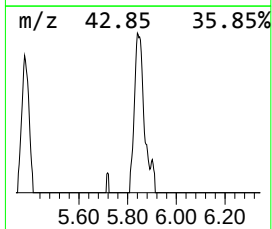
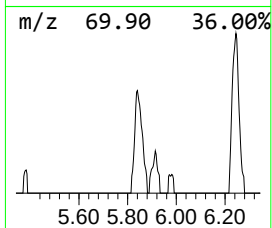
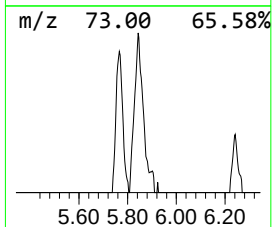
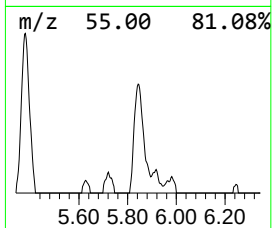
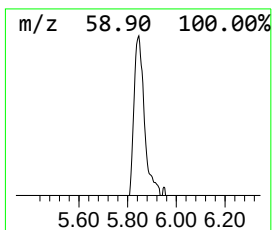
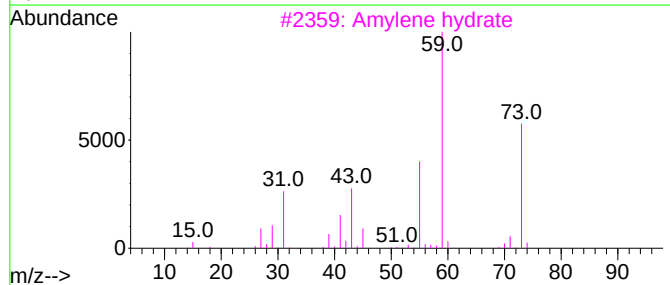
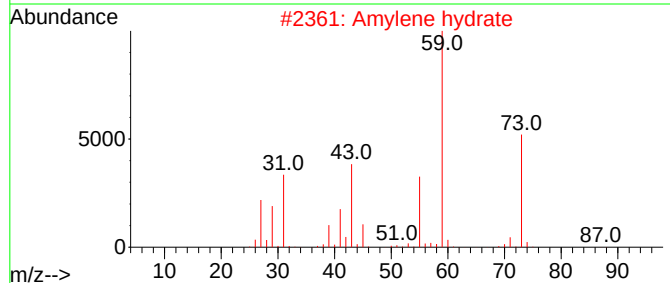
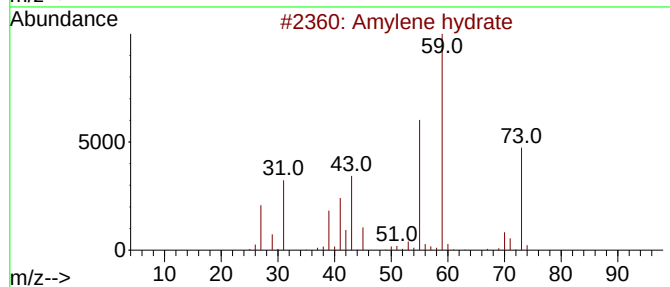
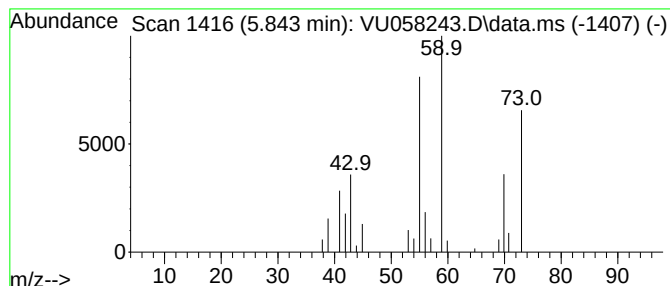
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 Amylene hydrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.843	0.76 ug/L	25591	1,4-Difluorobenzene	6.242

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Amylene hydrate	88	C5H12O	000075-85-4	50
2			Amylene hydrate	88	C5H12O	000075-85-4	40
3			Amylene hydrate	88	C5H12O	000075-85-4	36
4			3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	33
5			3-Hexanol	102	C6H14O	000623-37-0	33



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.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...	1.991	2.3	ug/L	75906	1	6.242	168899	5.0
(DEL) Alkane: S...	2.200	1.8	ug/L	60180	1	6.242	168899	5.0
(DEL) Alkane: C...	3.129	0.7	ug/L	22284	1	6.242	168899	5.0
(DEL) Alkane: C...	4.525	1.9	ug/L	64492	1	6.242	168899	5.0
Amylene hydrate	5.843	0.8	ug/L	25591	1	6.242	168899	5.0