

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020724\
 Data File : VV034039.D
 Acq On : 07 Feb 2024 18:31
 Operator : SY/MD
 Sample : P1383-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0YC3

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\SFAMVTR012524WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV034039.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.085	8	14	31	rVB	57836	61163	38.31%	3.990%
2	1.166	31	39	41	rBV2	2156	2319	1.45%	0.151%
3	1.191	41	47	61	rVB	42700	39592	24.80%	2.583%
4	1.278	64	74	85	rBV2	86570	117346	73.50%	7.656%
5	1.349	91	96	104	rVB	3698	4039	2.53%	0.264%
6	1.458	104	130	134	rBV3	10191	21391	13.40%	1.396%
7	1.497	134	142	146	rVV	14771	18856	11.81%	1.230%
8	1.522	146	150	159	rVB	12734	14910	9.34%	0.973%
9	1.587	161	170	180	rBV	29438	38249	23.96%	2.495%
10	1.667	188	195	204	rBV	7318	8962	5.61%	0.585%
11	1.760	216	224	237	rVB2	19590	25786	16.15%	1.682%
12	2.056	306	316	326	rBV	28135	43594	27.31%	2.844%
13	2.114	329	334	354	rVB3	4967	9309	5.83%	0.607%
14	2.378	410	416	428	rVV	2988	5591	3.50%	0.365%
15	2.448	428	438	451	rVV4	12906	27731	17.37%	1.809%
16	2.513	453	458	466	rVV2	2433	3945	2.47%	0.257%
17	2.558	466	472	481	rVB4	1191	2039	1.28%	0.133%
18	2.693	505	514	528	rBV5	2869	6121	3.83%	0.399%
19	2.969	589	600	616	rBV3	4072	8842	5.54%	0.577%
20	3.667	800	817	831	rBV4	4236	10092	6.32%	0.658%
21	3.792	848	856	884	rBV	19614	56768	35.56%	3.704%
22	4.255	981	1000	1022	rBV2	16788	45102	28.25%	2.943%
23	4.519	1068	1082	1090	rBV6	3477	7749	4.85%	0.506%
24	4.587	1091	1103	1117	rVB10	3899	9965	6.24%	0.650%
25	4.831	1169	1179	1181	rBV4	1248	1720	1.08%	0.112%
26	4.960	1205	1219	1235	rBV3	40559	105029	65.79%	6.852%
27	5.416	1353	1361	1374	rVB7	1831	3322	2.08%	0.217%
28	5.542	1389	1400	1428	rBV	33134	71122	44.55%	4.640%
29	5.841	1482	1493	1515	rBV3	19076	39945	25.02%	2.606%
30	5.995	1527	1541	1553	rBV3	22151	47018	29.45%	3.068%
31	6.924	1819	1830	1845	rBV2	10475	21282	13.33%	1.389%
32	7.194	1906	1914	1921	rBV5	1222	1975	1.24%	0.129%
33	7.249	1921	1931	1945	rVV	46671	83145	52.08%	5.425%
34	7.323	1945	1954	1972	rVB	19063	35705	22.36%	2.330%
35	7.506	2004	2011	2021	rBV3	1336	2118	1.33%	0.138%
36	7.567	2021	2030	2044	rBV2	6311	12626	7.91%	0.824%

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Integrator: RTE

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Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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37	7.876	2117	2126	2131	rBV4	1783	2590	1.62%	0.169%
38	7.915	2131	2138	2144	rVB5	2291	3546	2.22%	0.231%
39	8.027	2165	2173	2207	rBV	84431	159654	100.00%	10.416%
40	8.191	2215	2224	2252	rVB4	7693	18101	11.34%	1.181%
41	8.789	2401	2410	2435	rBV	52990	88380	55.36%	5.766%
42	8.959	2454	2463	2475	rBV2	3753	6505	4.07%	0.424%
43	9.085	2492	2502	2517	rBV3	3656	6190	3.88%	0.404%
44	9.487	2620	2627	2639	rBV	2080	3368	2.11%	0.220%
45	10.156	2823	2835	2850	rBV	23082	37026	23.19%	2.416%
46	10.326	2878	2888	2898	rVB4	3570	5234	3.28%	0.341%
47	11.188	3147	3156	3175	rBV	58739	92950	58.22%	6.064%
48	11.516	3249	3258	3263	rBV5	999	1672	1.05%	0.109%
49	11.564	3263	3273	3290	rVB	52759	82566	51.72%	5.387%
50	12.294	3493	3500	3510	rBV4	6699	10470	6.56%	0.683%

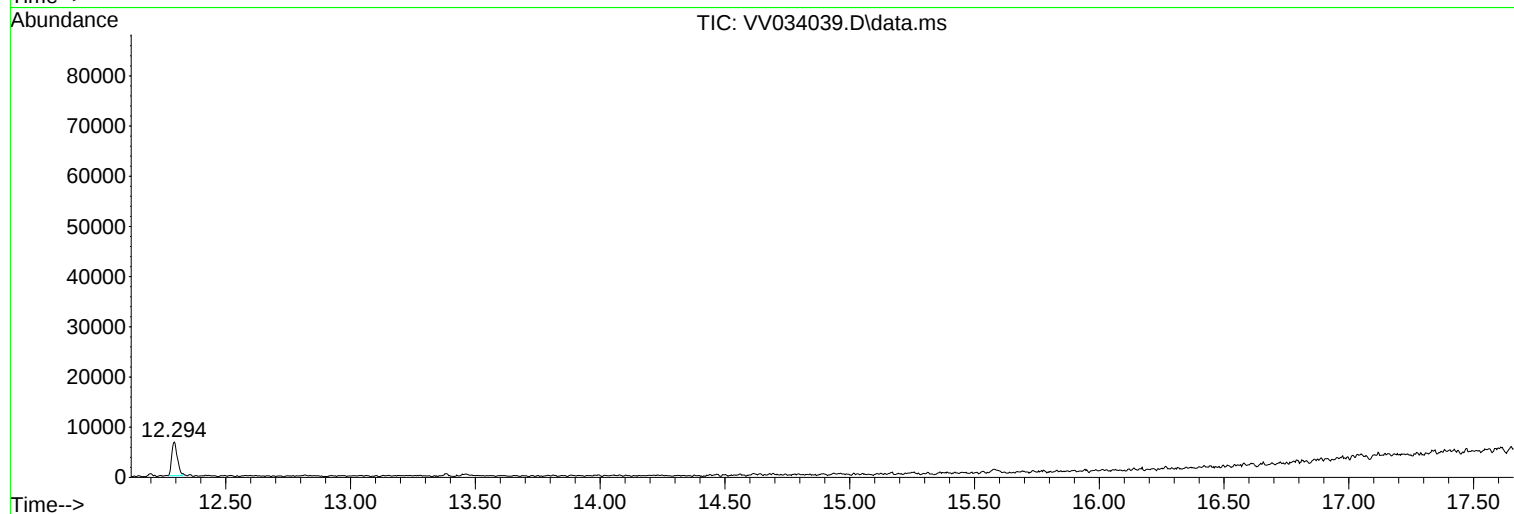
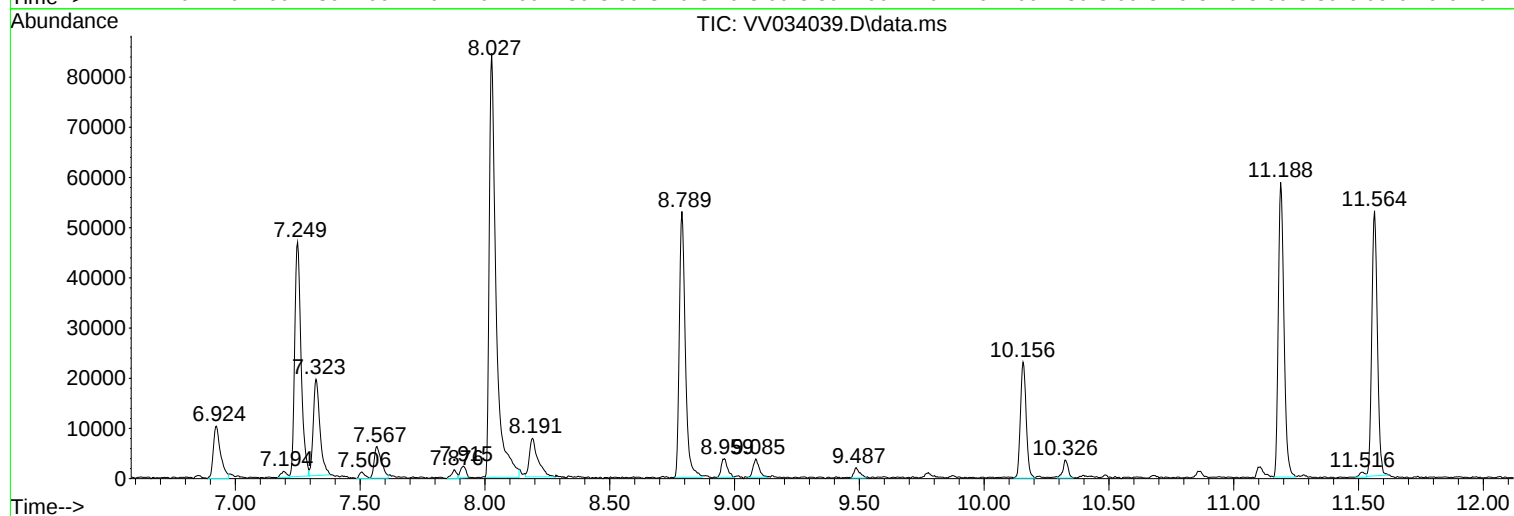
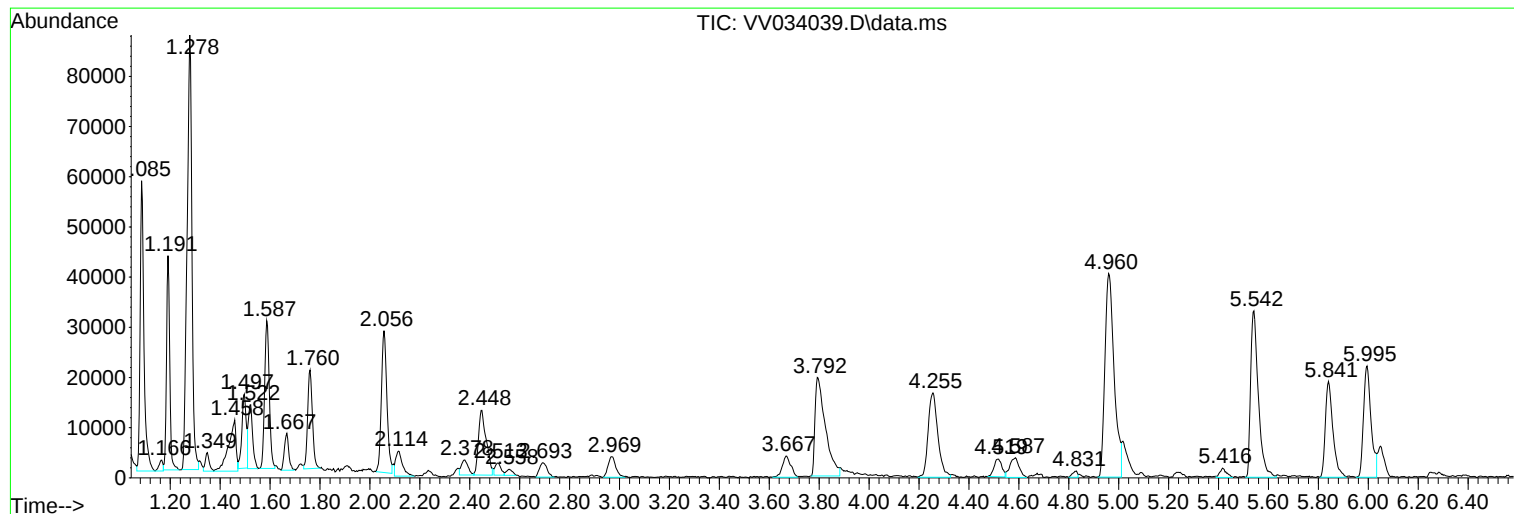
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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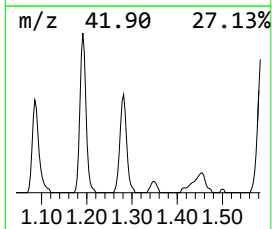
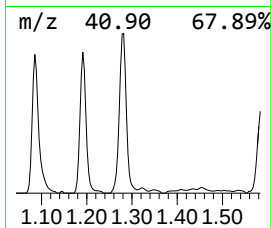
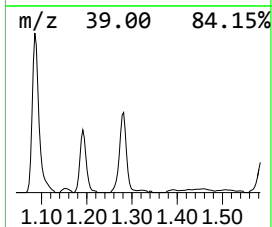
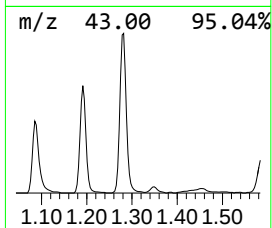
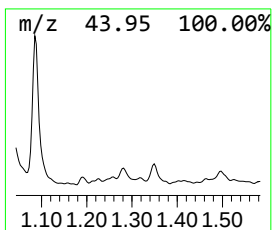
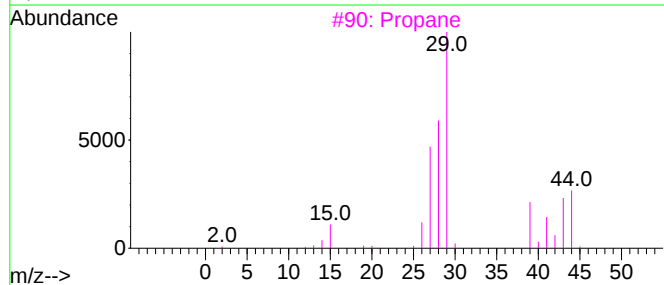
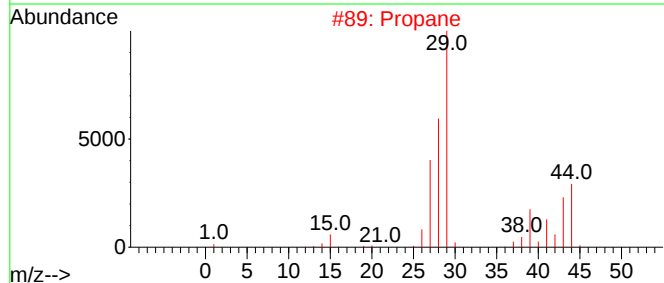
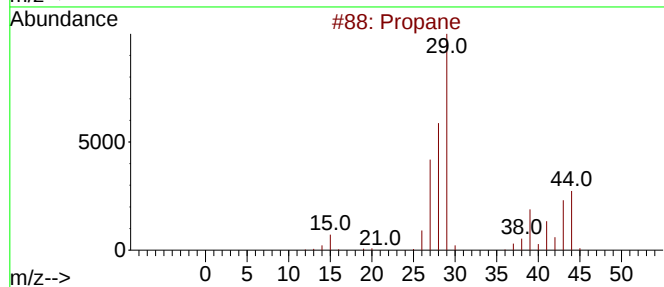
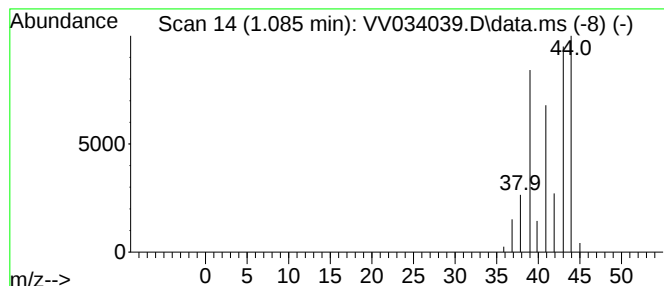
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Quant Title : TRACE VOA SFAM1.0

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.
1.085	4.30 ug/L	61163	1,4-Difluorobenzene	5.538

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane			44	C3H8	000074-98-6	90
2	Propane			44	C3H8	000074-98-6	56
3	Propane			44	C3H8	000074-98-6	9
4	Propene			42	C3H6	000115-07-1	9
5	Cyclopropene			40	C3H4	002781-85-3	4



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Instrument :
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ClientSampleId :
E0YC3

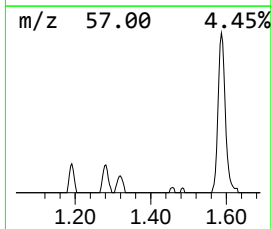
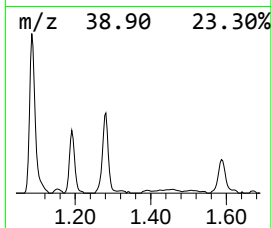
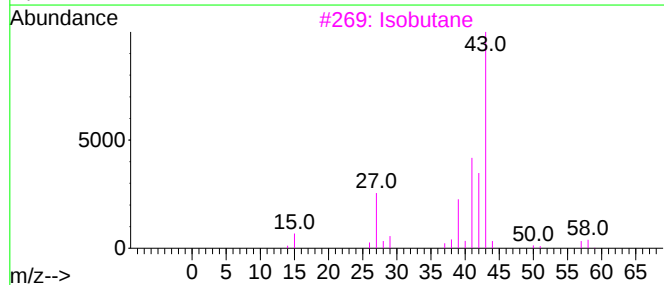
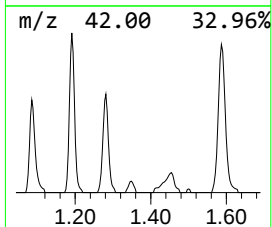
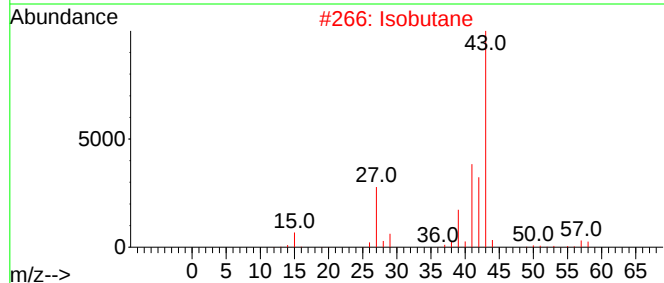
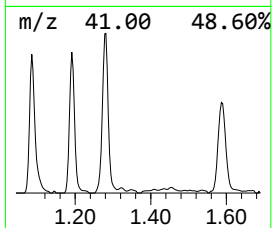
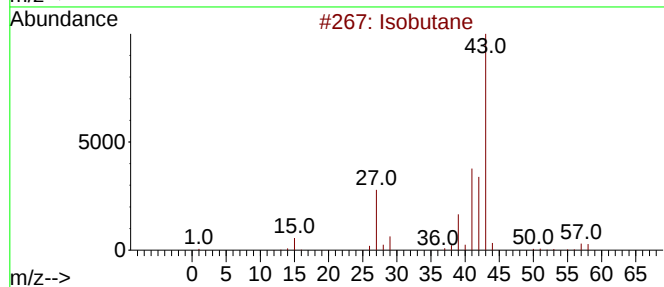
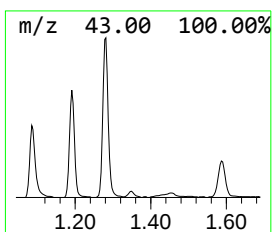
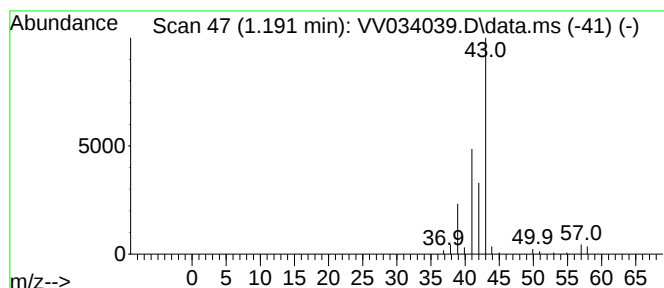
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Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.191	2.78 ug/L	39592	1,4-Difluorobenzene	5.538

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isobutane	58	C4H10	000075-28-5	80
2			Isobutane	58	C4H10	000075-28-5	72
3			Isobutane	58	C4H10	000075-28-5	72
4			Isobutane	58	C4H10	000075-28-5	64
5			Isobutane	58	C4H10	000075-28-5	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020724\
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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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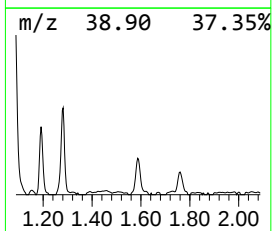
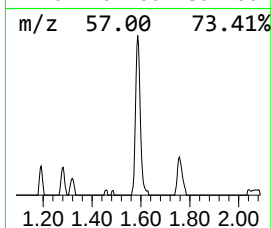
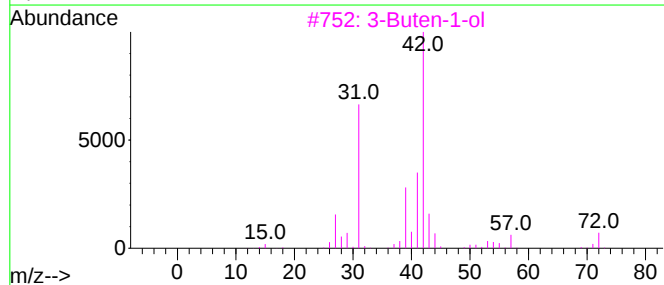
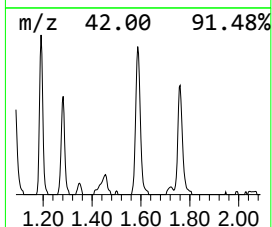
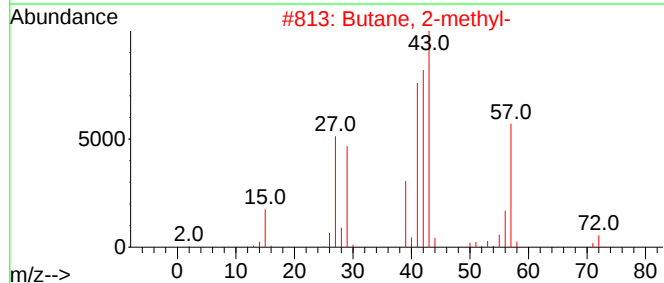
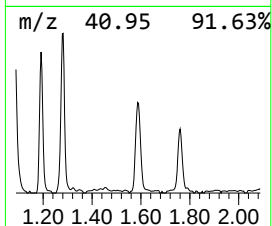
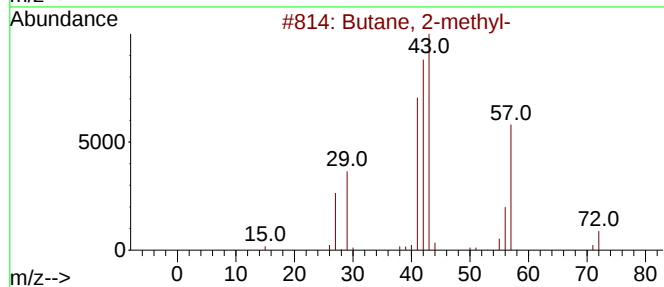
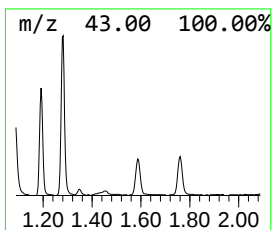
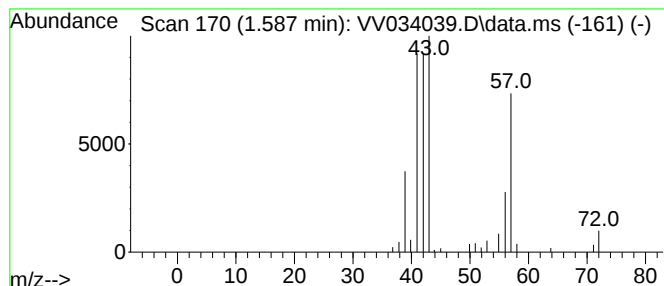
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.587	2.69 ug/L	38249	1,4-Difluorobenzene	5.538

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	86
3		3-Buten-1-ol	72	C4H8O	000627-27-0	43
4		Oxirane, trimethyl-	86	C5H10O	005076-19-7	36
5		Pentane	72	C5H12	000109-66-0	28



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ClientSampleId :
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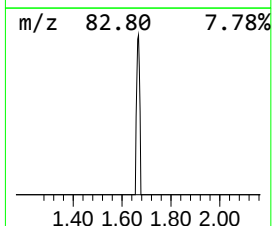
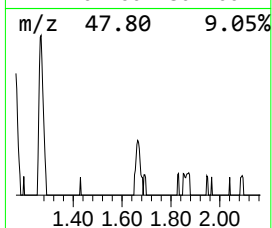
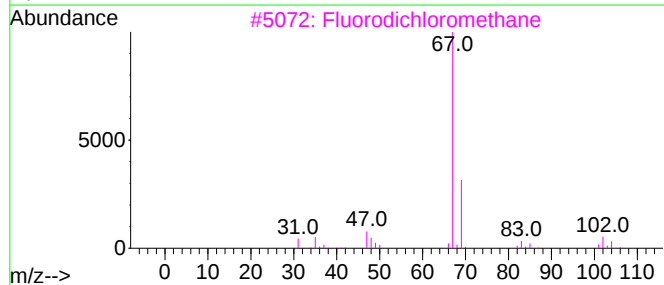
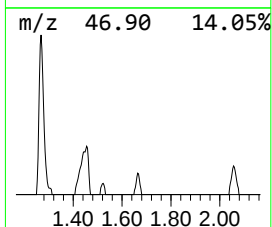
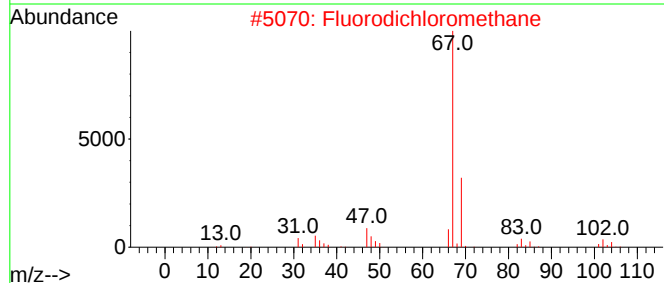
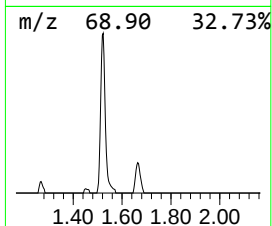
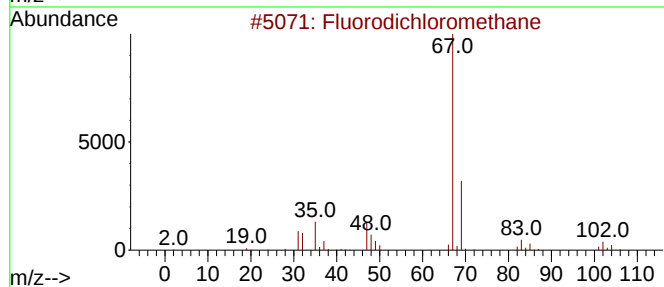
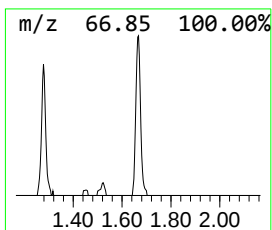
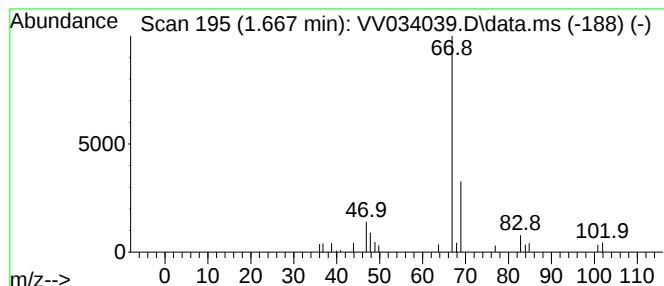
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 Fluorodichloromethane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.667	0.63 ug/L	8962	1,4-Difluorobenzene	5.538

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluorodichloromethane	102	CHCl2F	000075-43-4	91
2			Fluorodichloromethane	102	CHCl2F	000075-43-4	86
3			Fluorodichloromethane	102	CHCl2F	000075-43-4	78
4			Chlorine dioxide	67	ClO2	010049-04-4	5
5			Methanamine, N,N-difluoro-	67	CH3F2N	000753-58-2	4



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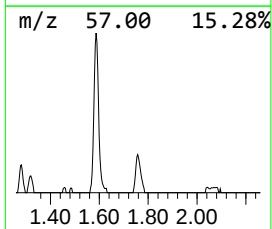
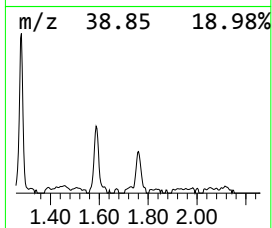
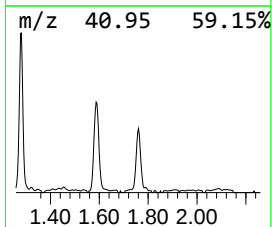
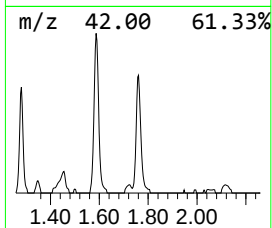
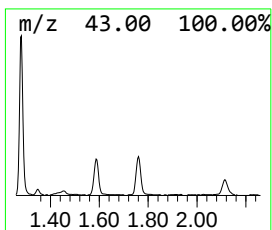
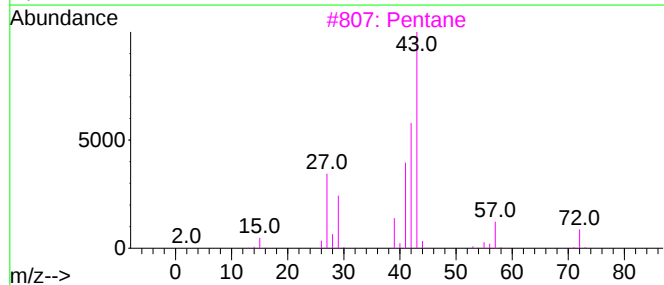
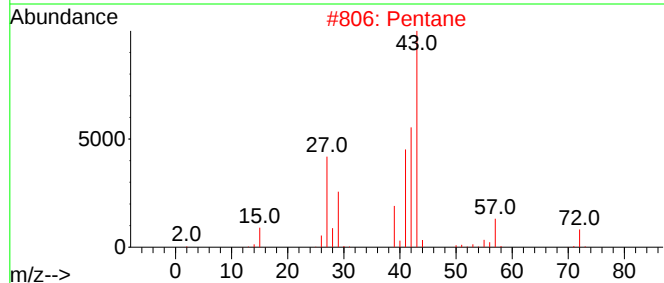
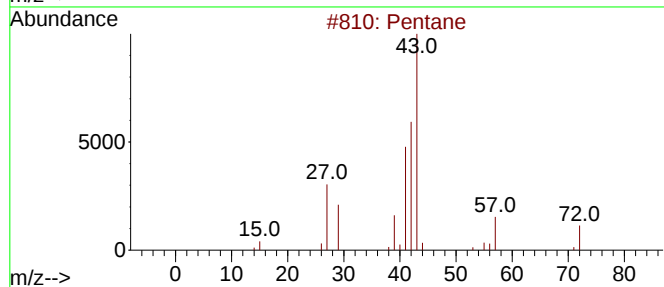
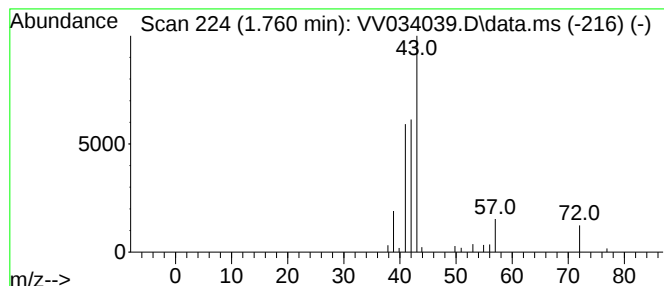
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.760	1.81 ug/L	25786	1,4-Difluorobenzene	5.538

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane			72	C5H12	000109-66-0	86
2	Pentane			72	C5H12	000109-66-0	86
3	Pentane			72	C5H12	000109-66-0	72
4	Pentane			72	C5H12	000109-66-0	50
5	Oxirane, ethyl-			72	C4H8O	000106-88-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020724\
Data File : VV034039.D
Acq On : 07 Feb 2024 18:31
Operator : SY/MD
Sample : P1383-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YC3

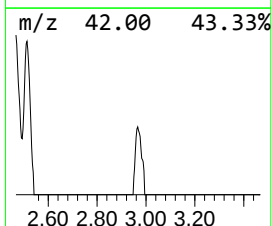
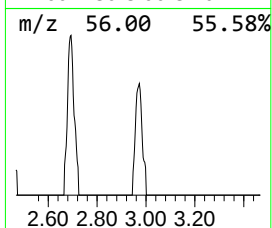
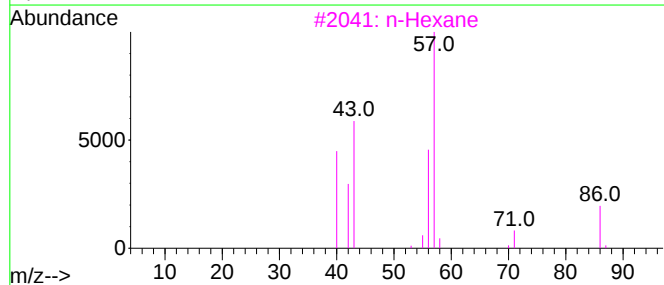
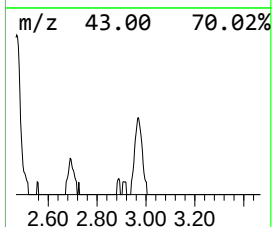
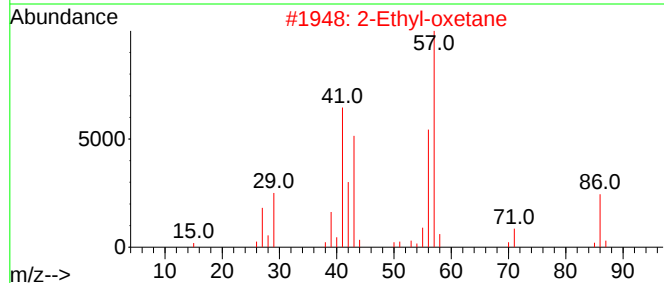
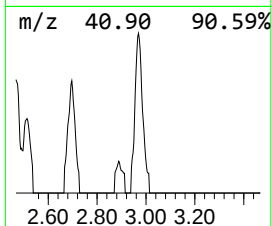
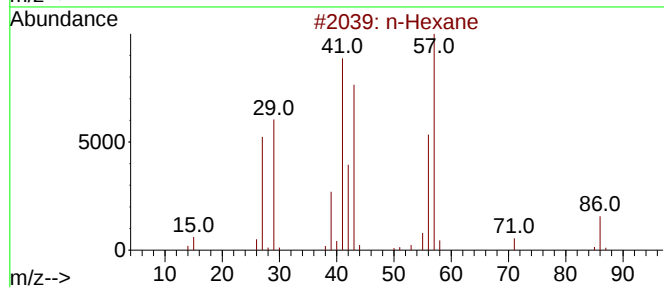
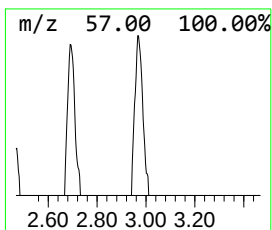
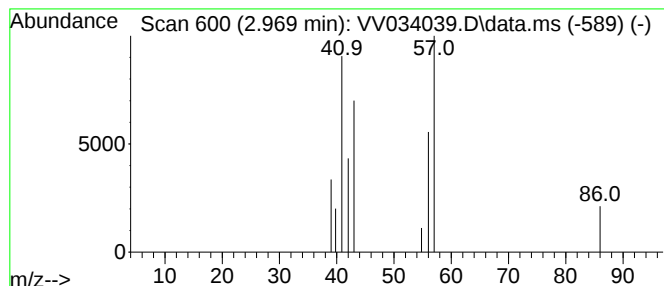
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.969	0.62 ug/L	8842	1,4-Difluorobenzene	5.538

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexane	86	C6H14	000110-54-3	90
2		2-Ethyl-oxetane	86	C5H10O	1010386-40-2	64
3		n-Hexane	86	C6H14	000110-54-3	53
4		n-Hexane	86	C6H14	000110-54-3	50
5		n-Hexane	86	C6H14	000110-54-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020724\
Data File : VV034039.D
Acq On : 07 Feb 2024 18:31
Operator : SY/MD
Sample : P1383-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YC3

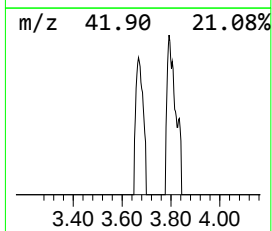
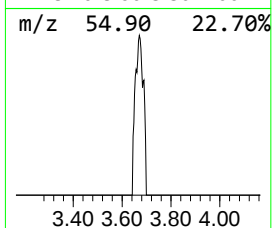
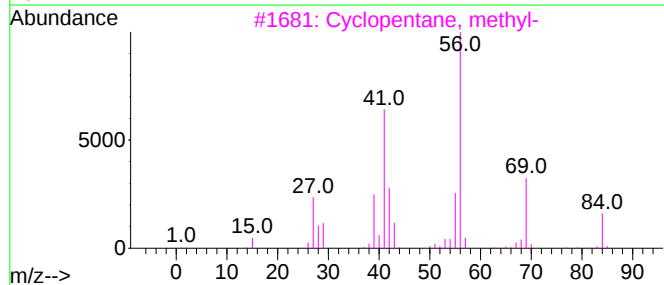
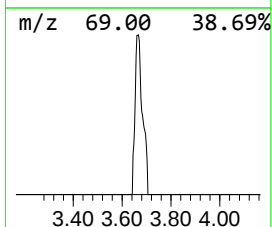
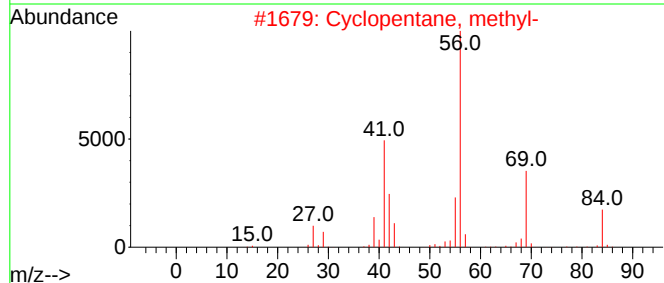
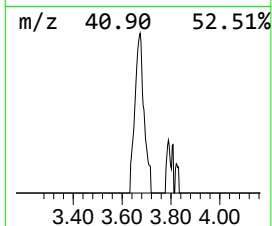
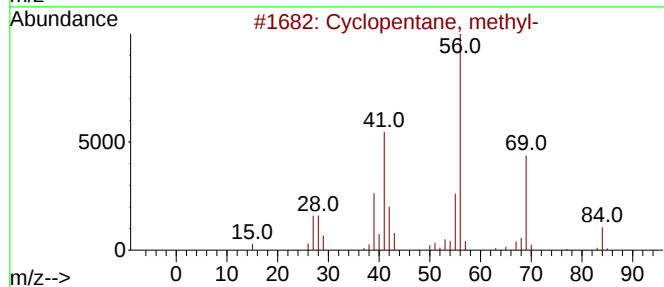
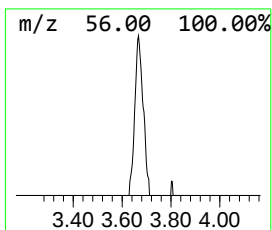
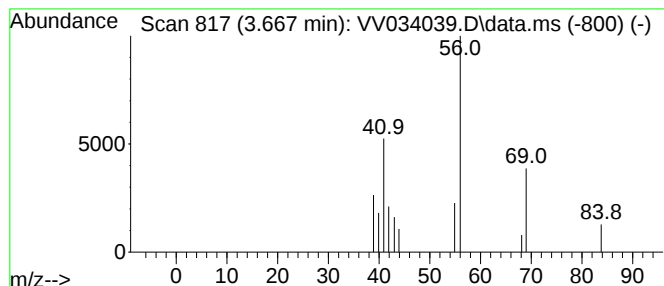
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 (DEL) Alkane: Cyclic3.667 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.667	0.71 ug/L	10092	1,4-Difluorobenzene	5.538

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	86
2			Cyclopentane, methyl-	84	C6H12	000096-37-7	78
3			Cyclopentane, methyl-	84	C6H12	000096-37-7	78
4			1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	50
5			1-Pentanol, 3-methyl-	102	C6H14O	000589-35-5	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020724\
Data File : VV034039.D
Acq On : 07 Feb 2024 18:31
Operator : SY/MD
Sample : P1383-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YC3

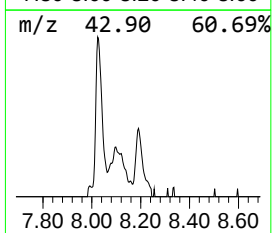
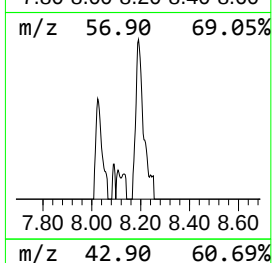
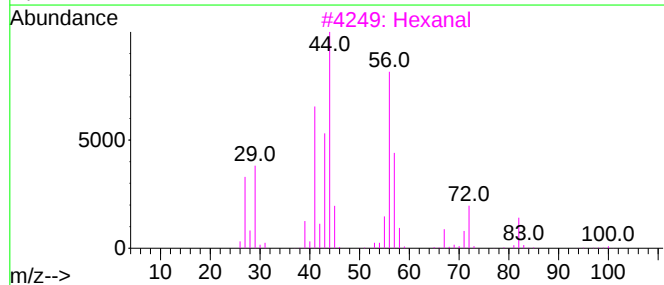
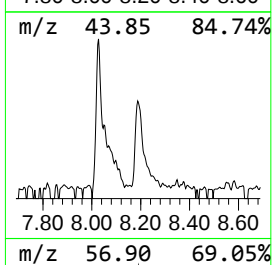
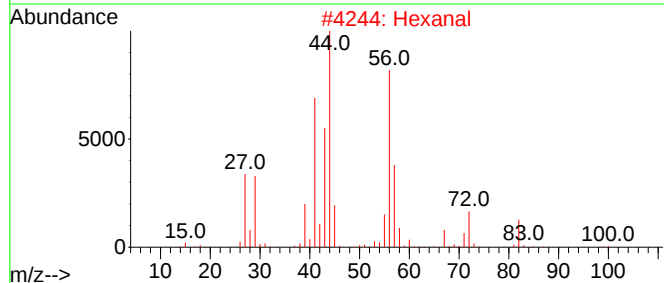
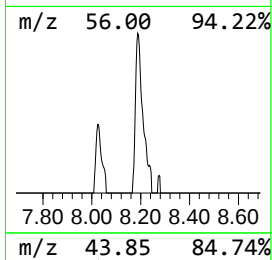
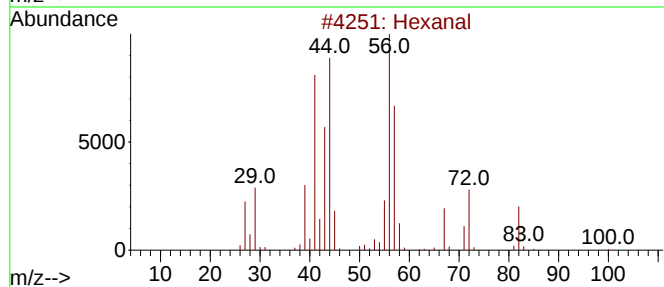
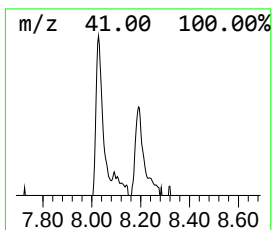
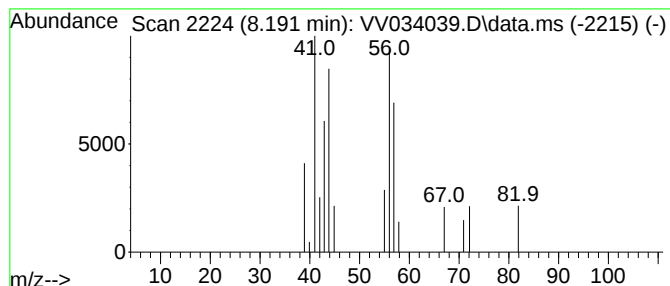
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 Hexanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.191	1.02 ug/L	18101	Chlorobenzene-d5	8.789

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	64
2	Hexanal		100	C6H12O	000066-25-1	64
3	Hexanal		100	C6H12O	000066-25-1	59
4	Hexanal		100	C6H12O	000066-25-1	53
5	Hexanal		100	C6H12O	000066-25-1	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020724\
Data File : VV034039.D
Acq On : 07 Feb 2024 18:31
Operator : SY/MD
Sample : P1383-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YC3

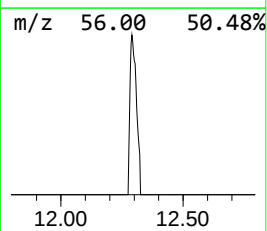
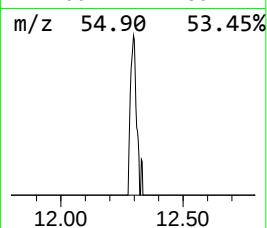
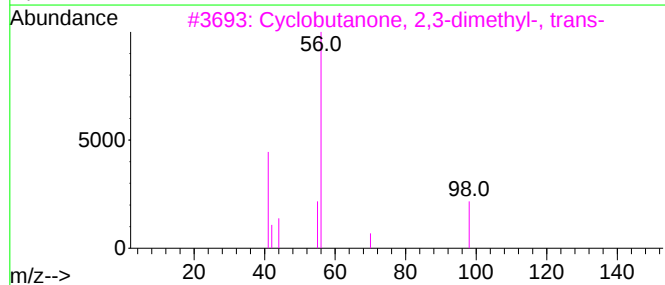
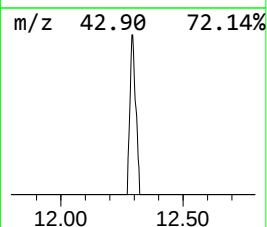
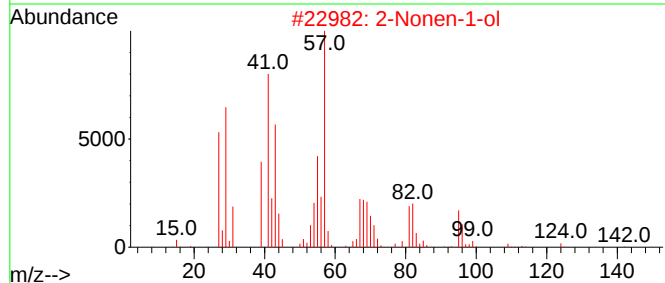
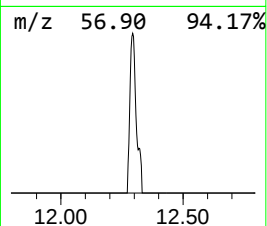
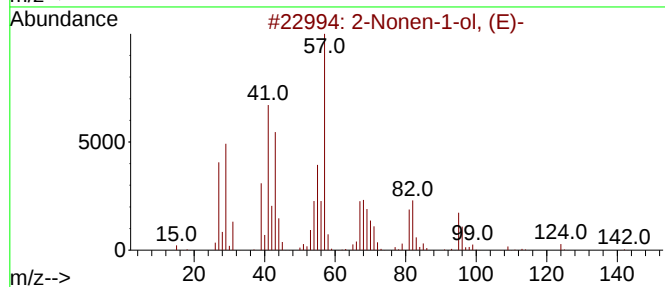
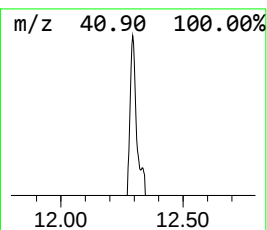
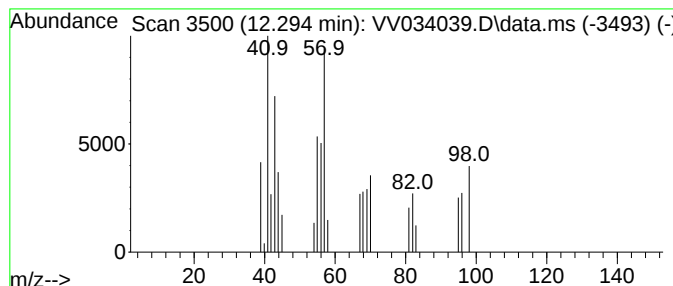
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 11 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.294	0.56 ug/L	10470	1,4-Dichlorobenzene-d4	11.188

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Nonen-1-ol, (E)-			142	C9H18O	031502-14-4	37
2	2-Nonen-1-ol			142	C9H18O	022104-79-6	32
3	Cyclobutanone, 2,3-dimethyl-, tr...			98	C6H10O	001942-42-3	27
4	2-Propenoic acid, ethenyl ester			98	C5H6O2	002177-18-6	23
5	2-Hepten-1-ol, (Z)-			114	C7H14O	055454-22-3	16



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020724\
Data File : VV034039.D
Acq On : 07 Feb 2024 18:31
Operator : SY/MD
Sample : P1383-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YC3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.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...	1.085	4.3	ug/L	61163	1	5.538	71122	5.0
(DEL) Alkane: S...	1.191	2.8	ug/L	39592	1	5.538	71122	5.0
(DEL) Alkane: S...	1.587	2.7	ug/L	38249	1	5.538	71122	5.0
Fluorodichlorom...	1.667	0.6	ug/L	8962	1	5.538	71122	5.0
(DEL) Alkane: S...	1.760	1.8	ug/L	25786	1	5.538	71122	5.0
(DEL) Alkane: S...	2.969	0.6	ug/L	8842	1	5.538	71122	5.0
(DEL) Alkane: C...	3.667	0.7	ug/L	10092	1	5.538	71122	5.0
Hexanal	8.191	1.0	ug/L	18101	2	8.789	88380	5.0
unknown-01	12.294	0.6	ug/L	10470	3	11.188	92950	5.0