

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111021\
 Data File : VV023379.D
 Acq On : 11 Nov 2021 11:52
 Operator : SY/MD
 Sample : M4558-10DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB872DL

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\SFAMVTR110421WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV023379.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.214	48	54	61	rVB	21250	18635	1.71%	0.365%
2	1.307	75	83	93	rBV	151034	149648	13.77%	2.934%
3	1.568	153	164	175	rBV	46010	53433	4.92%	1.048%
4	1.635	175	185	200	rVB	146972	184537	16.98%	3.618%
5	1.809	230	239	253	rVV3	32407	55289	5.09%	1.084%
6	1.902	257	268	279	rVB	17008	24218	2.23%	0.475%
7	2.024	298	306	319	rVB	39097	56464	5.19%	1.107%
8	2.108	321	332	349	rBB	92376	137676	12.67%	2.699%
9	2.500	438	454	461	rBV7	27909	69499	6.39%	1.363%
10	2.577	471	478	498	rVB	23587	48185	4.43%	0.945%
11	2.764	523	536	554	rBV2	18669	37921	3.49%	0.743%
12	3.278	685	696	708	rVB3	5777	11801	1.09%	0.231%
13	3.767	832	848	863	rBV3	27076	66518	6.12%	1.304%
14	3.908	881	892	915	rBV3	30505	96434	8.87%	1.891%
15	4.352	1015	1030	1056	rBV	62262	166960	15.36%	3.273%
16	4.680	1116	1132	1147	rBV5	22090	54900	5.05%	1.076%
17	4.767	1148	1159	1178	rVB7	10423	27663	2.55%	0.542%
18	5.053	1232	1248	1253	rBV3	155383	339011	31.19%	6.646%
19	5.101	1254	1263	1285	rVB	507249	1086916	100.00%	21.309%
20	5.233	1296	1304	1322	rVB6	13158	37739	3.47%	0.740%
21	5.323	1322	1332	1344	rVB8	5851	12949	1.19%	0.254%
22	5.619	1411	1424	1458	rBV	143641	304959	28.06%	5.979%
23	6.072	1552	1565	1581	rBV2	82379	180909	16.64%	3.547%
24	6.654	1734	1746	1762	rVB3	8144	18276	1.68%	0.358%
25	6.776	1768	1784	1800	rBV5	15135	35033	3.22%	0.687%
26	6.992	1841	1851	1878	rBV	40305	78897	7.26%	1.547%
27	7.320	1941	1953	1970	rBV	180202	313938	28.88%	6.155%
28	7.629	2040	2049	2069	rBV	22805	42465	3.91%	0.833%
29	8.091	2184	2193	2232	rBV	130152	268292	24.68%	5.260%
30	8.854	2419	2430	2459	rBV	211740	349201	32.13%	6.846%
31	10.217	2842	2854	2874	rBV2	52166	85401	7.86%	1.674%
32	11.249	3164	3175	3199	rBV	214967	336132	30.93%	6.590%
33	11.529	3252	3262	3276	rBV2	26274	47284	4.35%	0.927%
34	11.625	3281	3292	3311	rVB	175167	280232	25.78%	5.494%
35	12.117	3436	3445	3460	rVB2	8006	12282	1.13%	0.241%
36	12.886	3676	3684	3697	rVB3	7413	11057	1.02%	0.217%

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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\SFAMVTR110421WMA.M
Title : TRACE VOA SFAM1.0

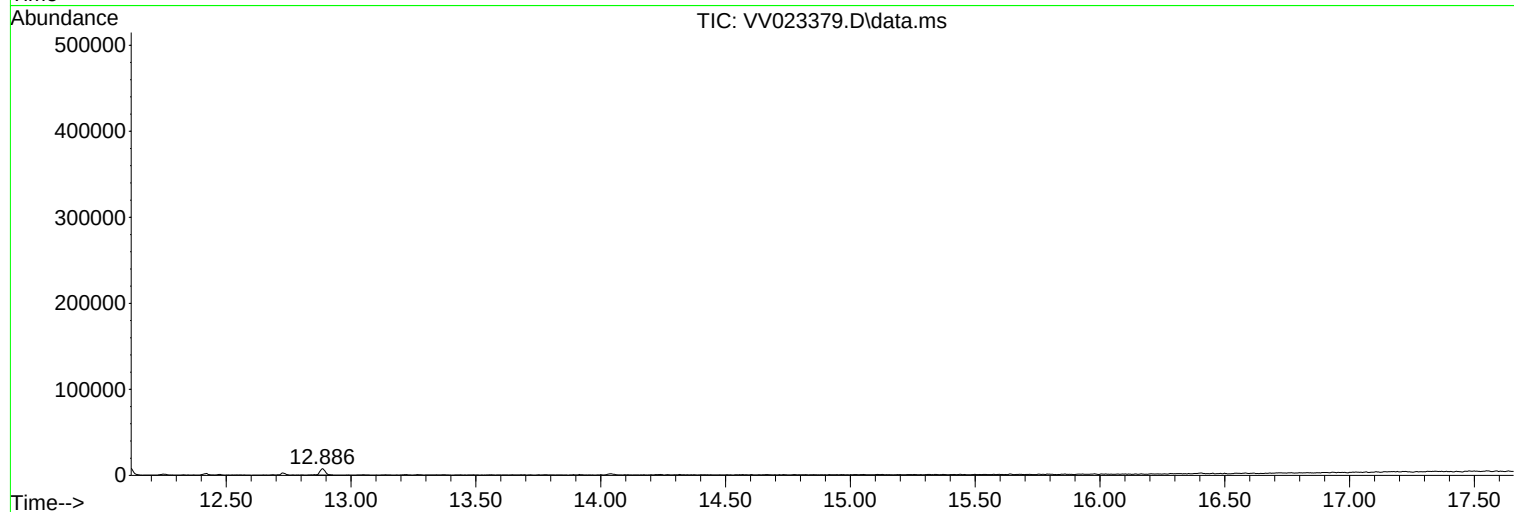
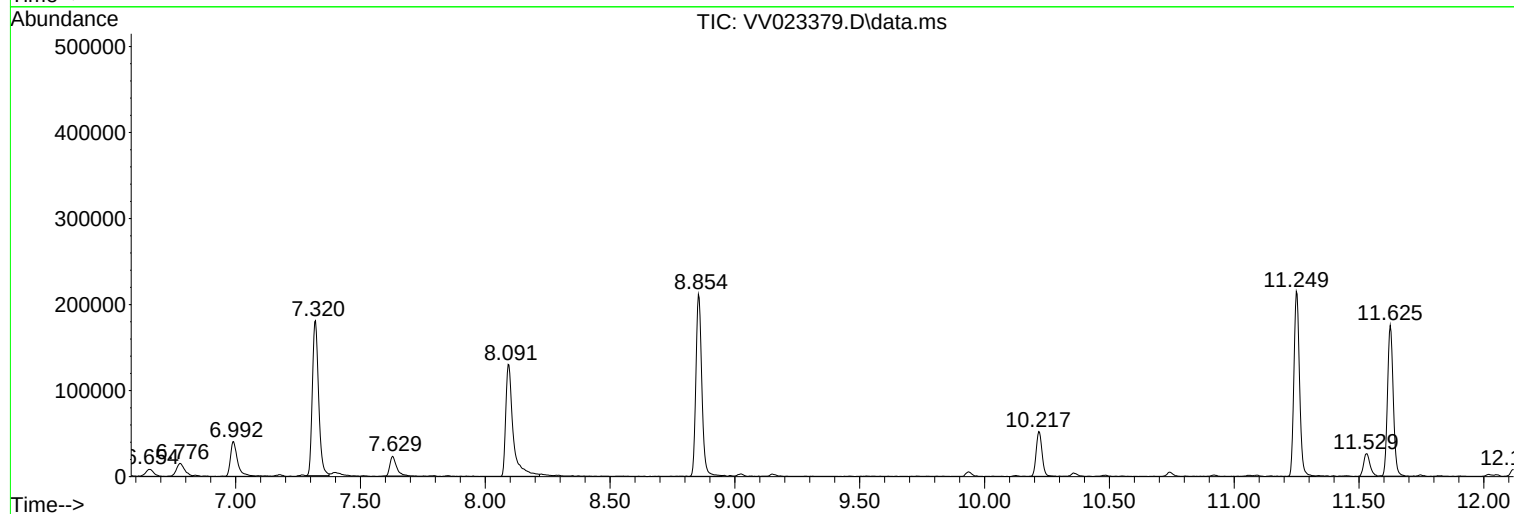
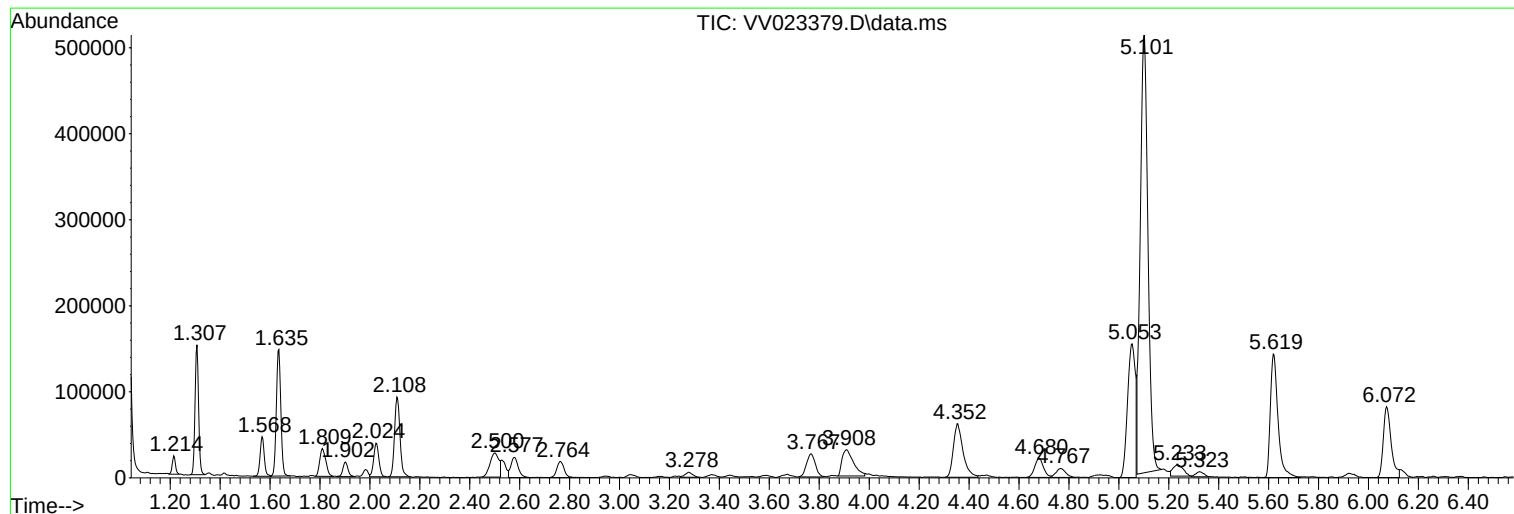
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Quant Title : TRACE VOA SFAM1.0

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



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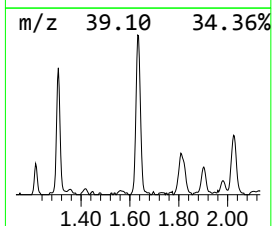
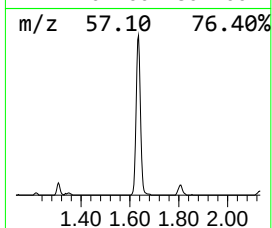
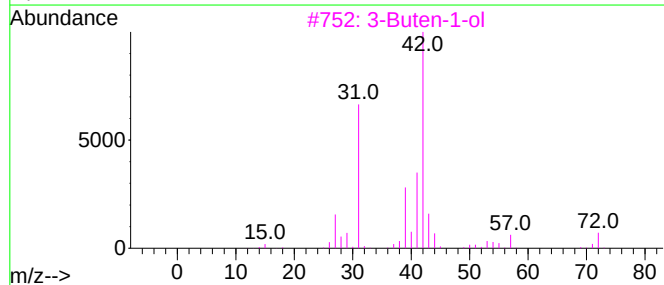
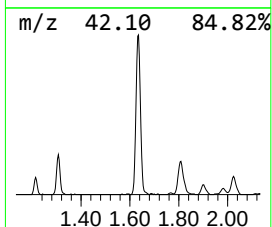
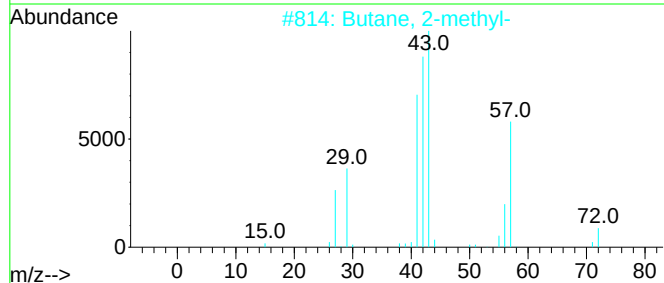
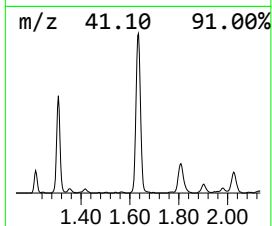
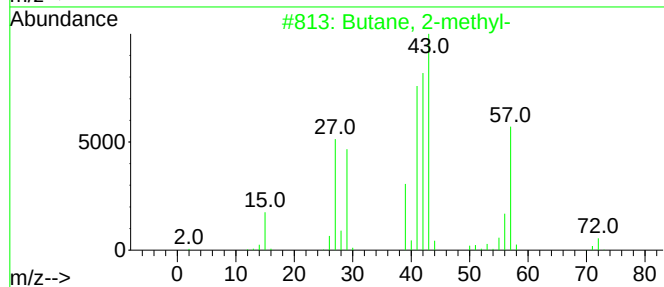
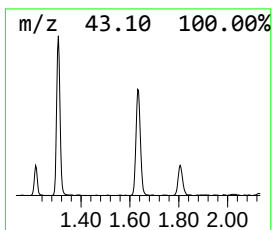
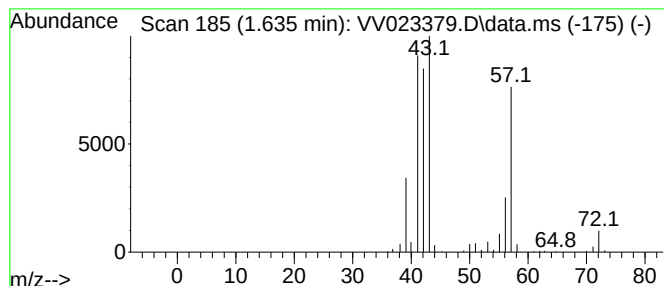
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Quant Title : TRACE VOA SFAM1.0

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.
1.635	3.03 ug/L	184537	1,4-Difluorobenzene	5.619

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	Pentane			72	C5H12	000109-66-0	42
5	Butane, 1-chloro-2-methyl-			106	C5H11Cl	000616-13-7	35



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ClientSampleId :
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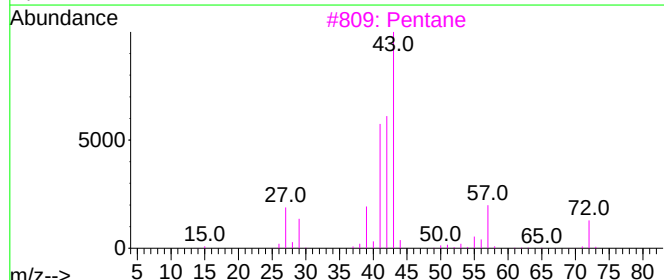
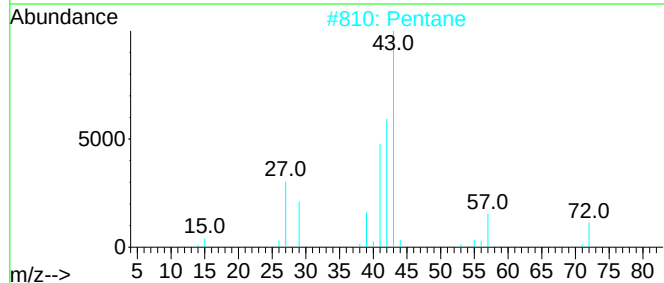
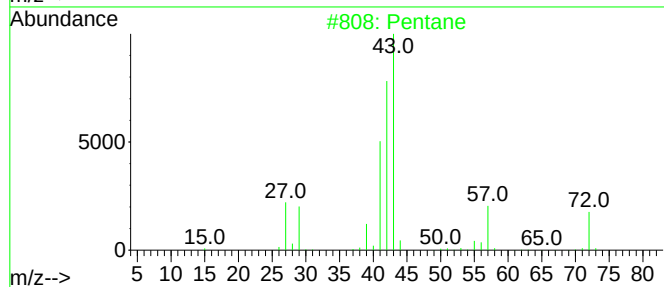
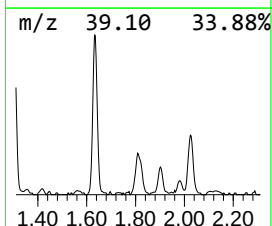
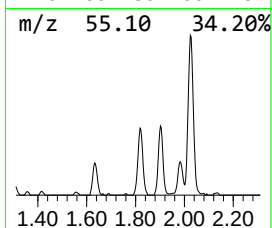
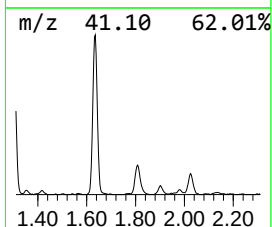
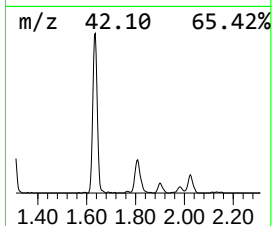
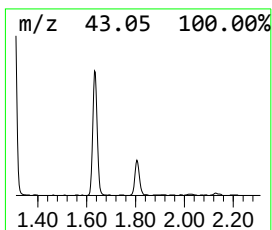
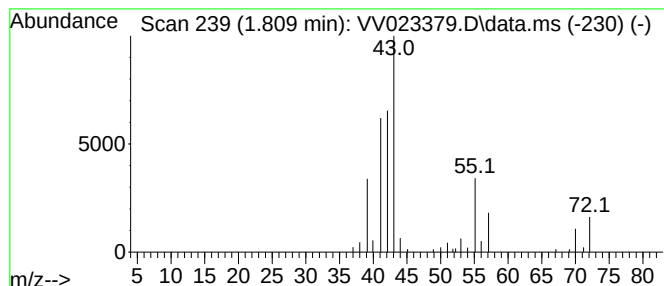
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.809	0.91 ug/L	55289	1,4-Difluorobenzene	5.619

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane			72	C5H12	000109-66-0	72
2	Pentane			72	C5H12	000109-66-0	72
3	Pentane			72	C5H12	000109-66-0	72
4	Pentane			72	C5H12	000109-66-0	64
5	Pentane			72	C5H12	000109-66-0	59



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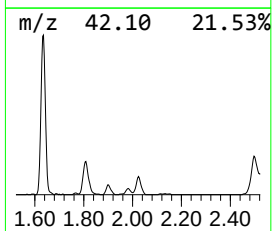
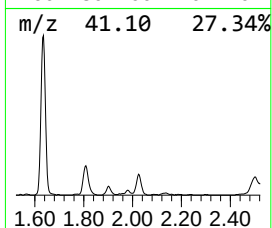
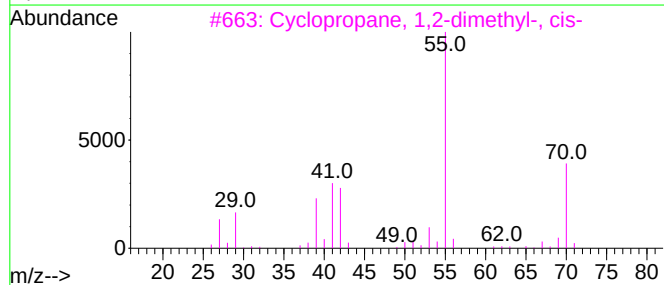
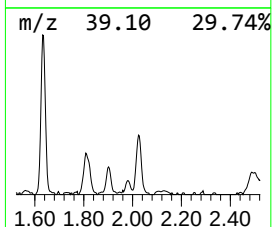
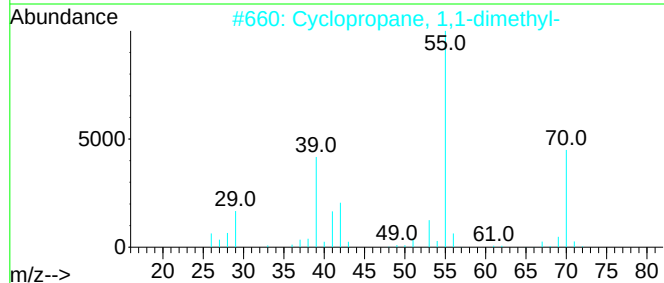
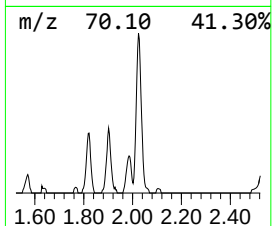
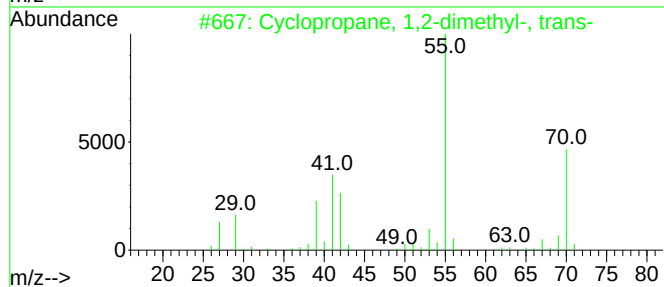
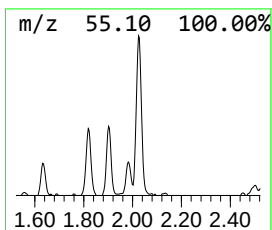
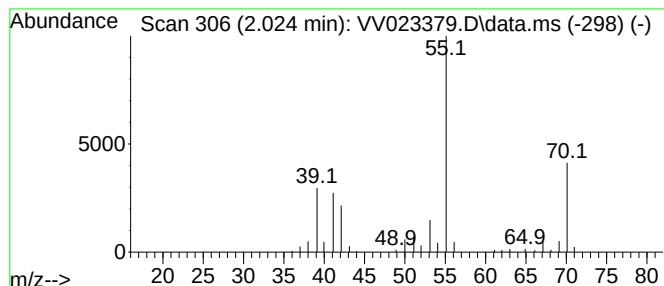
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 (DEL) Alkane: Cyclic2.024 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.024	0.93 ug/L	56464	1,4-Difluorobenzene	5.619

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	91
2		Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	90
3		Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	90
4		2-Butene, 2-methyl-	70	C5H10	000513-35-9	90
5		1-Butene, 3-methyl-	70	C5H10	000563-45-1	87



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Instrument :
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ClientSampleId :
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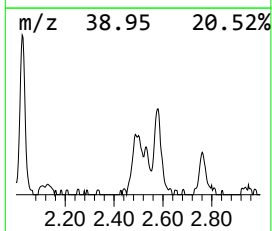
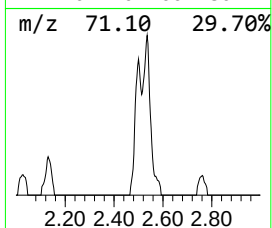
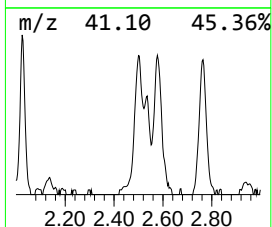
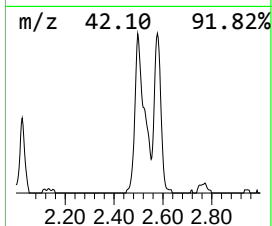
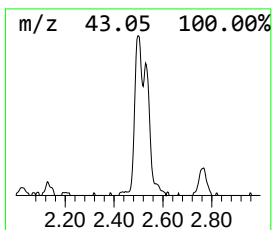
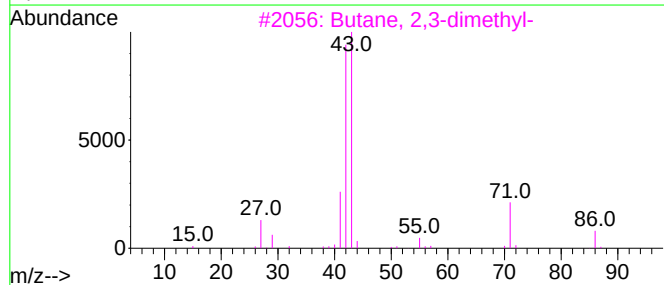
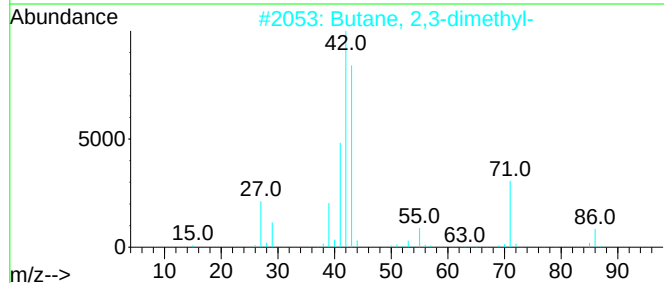
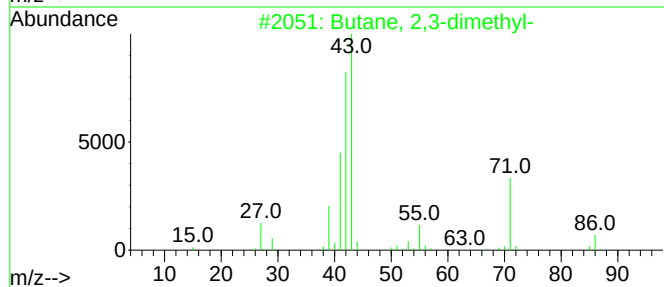
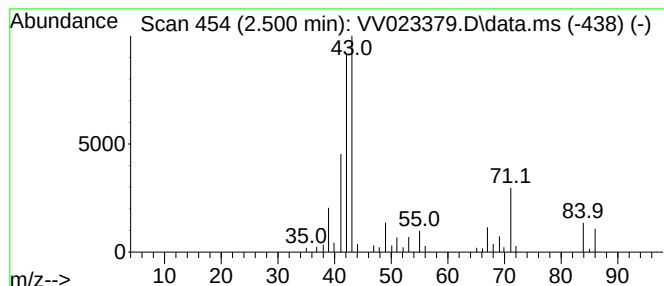
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Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.500	1.14 ug/L	69499	1,4-Difluorobenzene	5.619

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	76
2			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	64
3			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	64
4			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	59
5			Pentane, 2-methyl-	86	C6H14	000107-83-5	40



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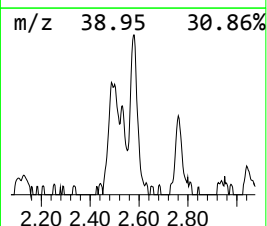
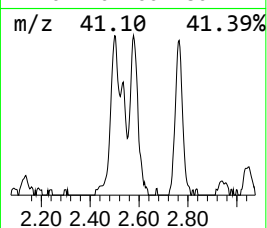
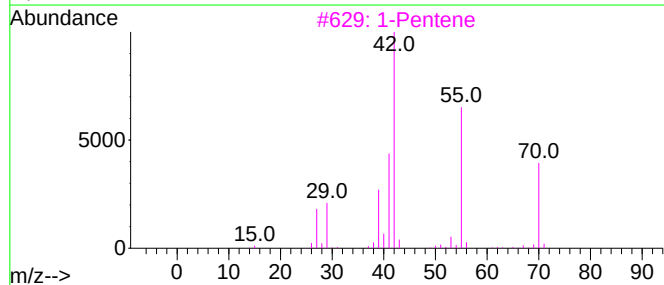
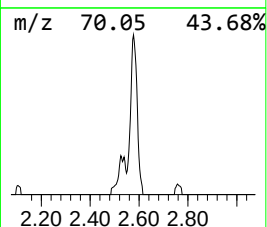
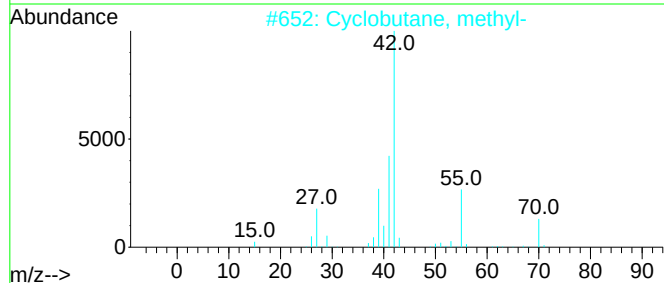
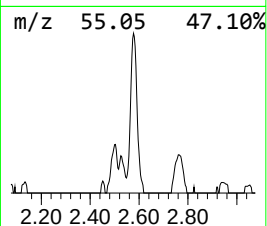
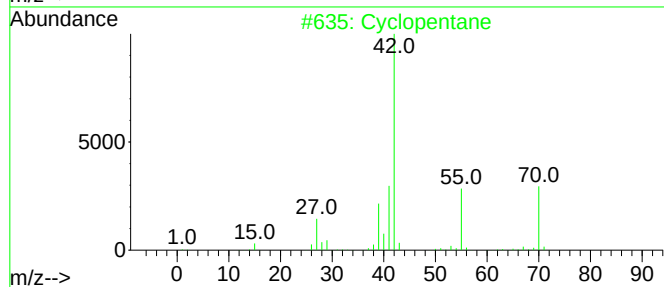
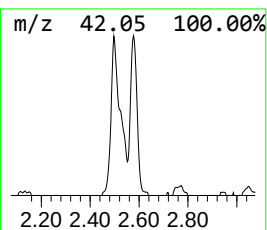
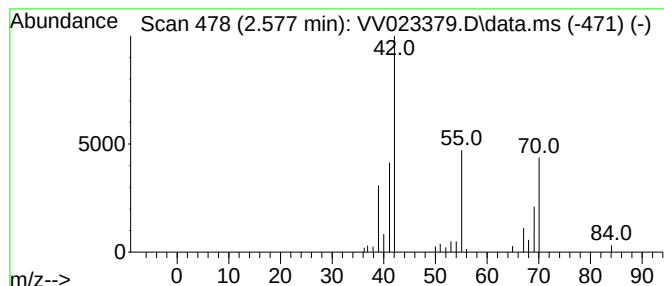
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 (DEL) Alkane: Cyclic2.577 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.577	0.79 ug/L	48185	1,4-Difluorobenzene	5.619

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane	70	C5H10	000287-92-3	64
2			Cyclobutane, methyl-	70	C5H10	000598-61-8	64
3			1-Pentene	70	C5H10	000109-67-1	64
4			Cyclopentane	70	C5H10	000287-92-3	50
5			Cyclopropane, ethyl-	70	C5H10	001191-96-4	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111021\
Data File : VV023379.D
Acq On : 11 Nov 2021 11:52
Operator : SY/MD
Sample : M4558-10DL 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 66 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GB872DL

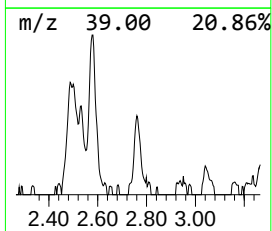
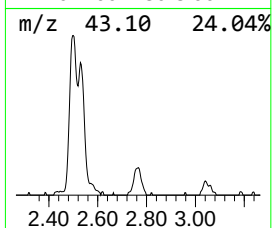
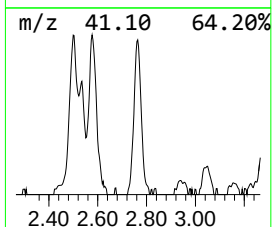
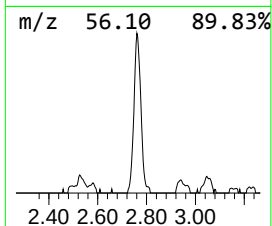
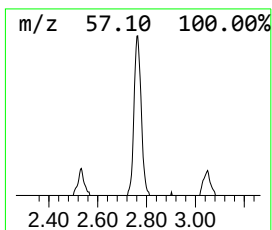
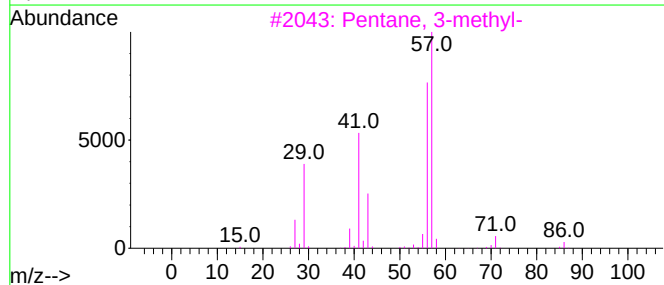
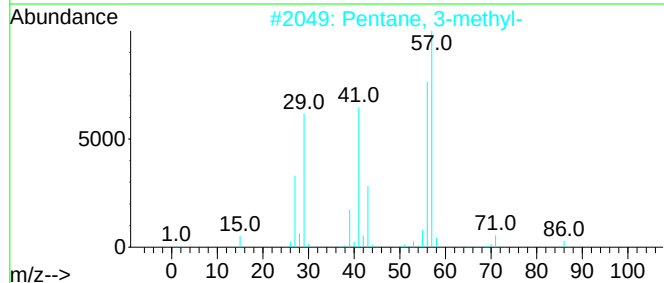
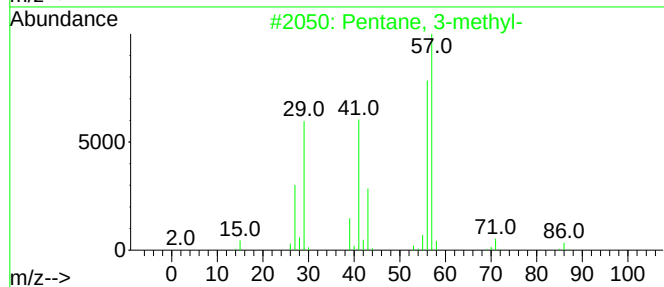
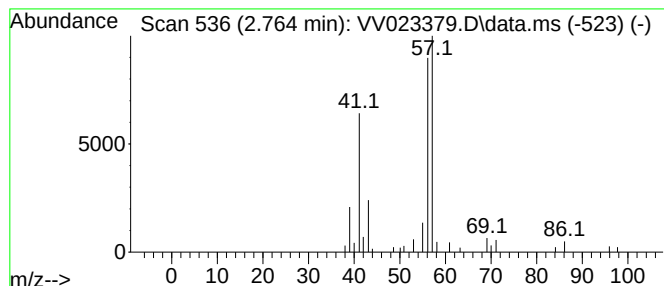
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.764	0.62 ug/L	37921	1,4-Difluorobenzene	5.619

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 3-methyl-	86	C6H14	000096-14-0	80
2		Pentane, 3-methyl-	86	C6H14	000096-14-0	80
3		Pentane, 3-methyl-	86	C6H14	000096-14-0	80
4		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64
5		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111021\
Data File : VV023379.D
Acq On : 11 Nov 2021 11:52
Operator : SY/MD
Sample : M4558-10DL 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 66 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GB872DL

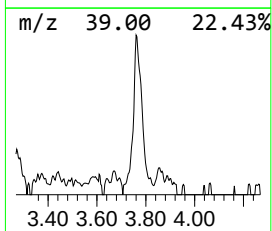
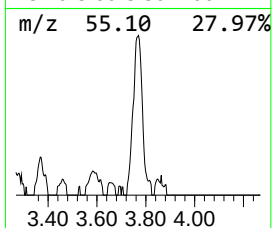
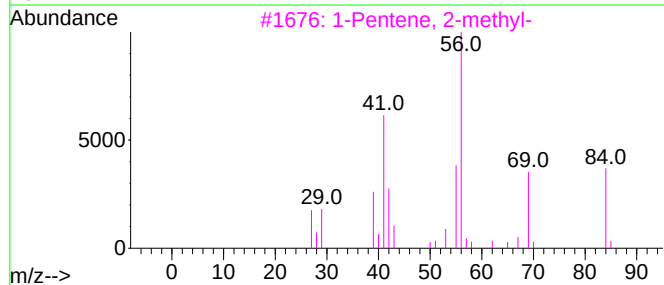
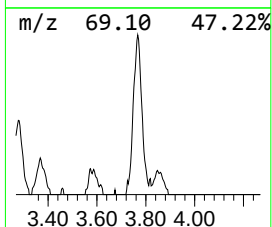
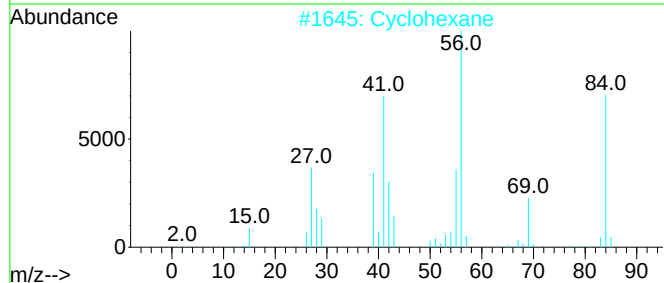
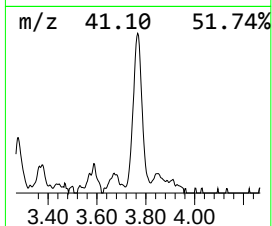
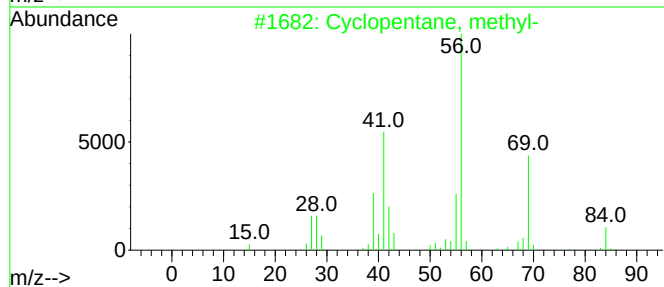
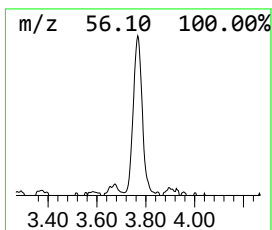
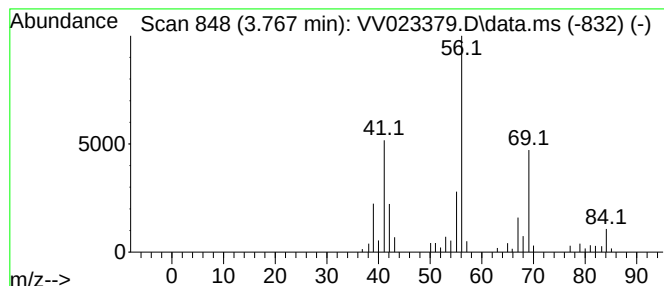
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 (DEL) Alkane: Cyclic3.767 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.767	1.09 ug/L	66518	1,4-Difluorobenzene	5.619

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2			Cyclohexane	84	C6H12	000110-82-7	72
3			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
4			Cyclopentane, methyl-	84	C6H12	000096-37-7	64
5			1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111021\
Data File : VV023379.D
Acq On : 11 Nov 2021 11:52
Operator : SY/MD
Sample : M4558-10DL 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 66 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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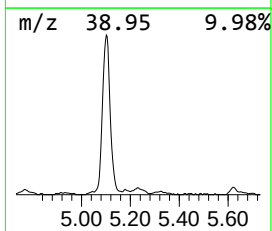
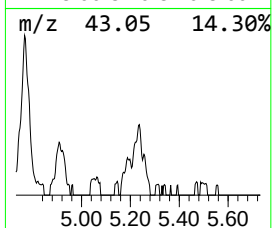
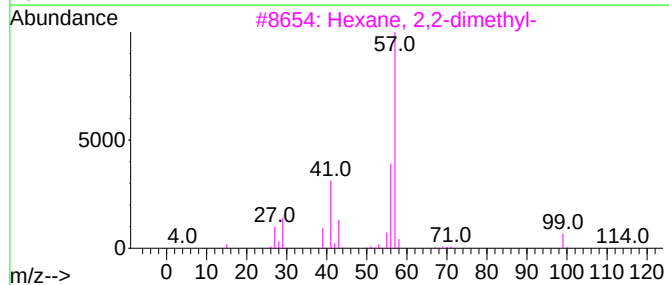
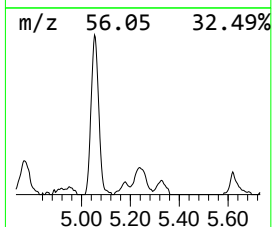
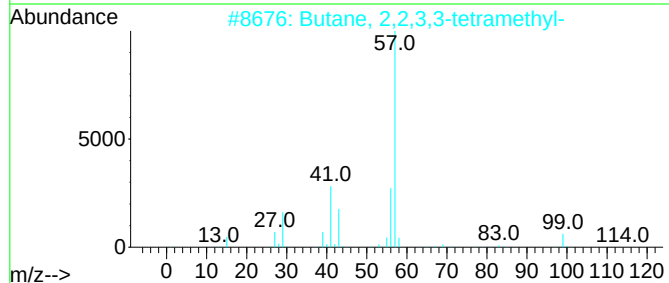
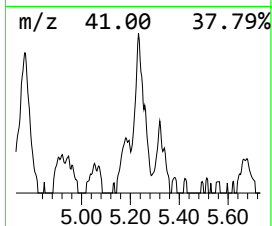
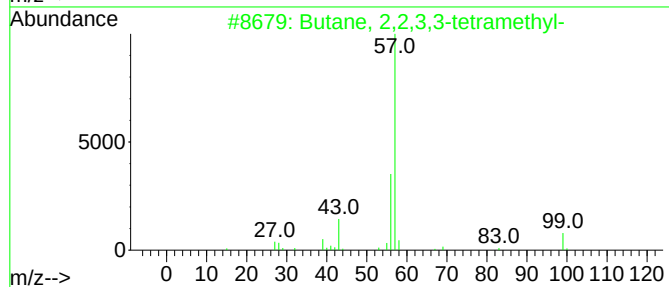
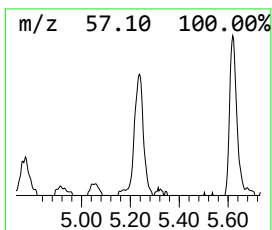
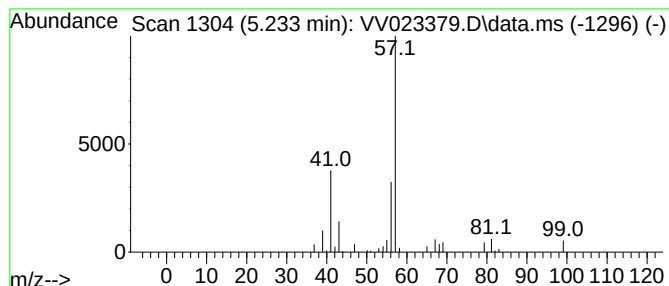
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.233	0.62 ug/L	37739	1,4-Difluorobenzene	5.619

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	38
2			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	38
3			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	37
4			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	37
5			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	28



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111021\
Data File : VV023379.D
Acq On : 11 Nov 2021 11:52
Operator : SY/MD
Sample : M4558-10DL 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 66 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GB872DL

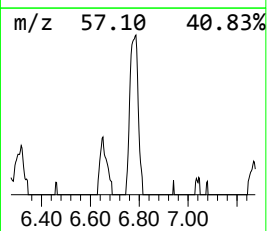
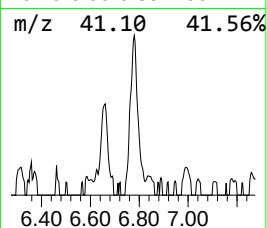
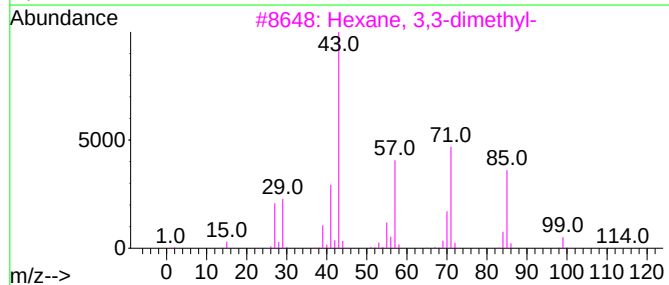
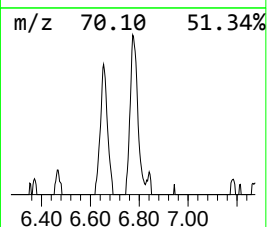
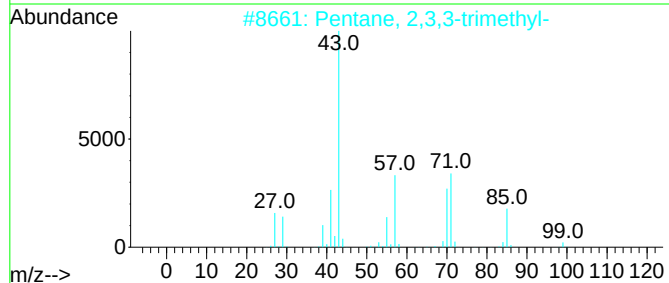
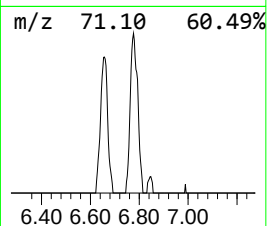
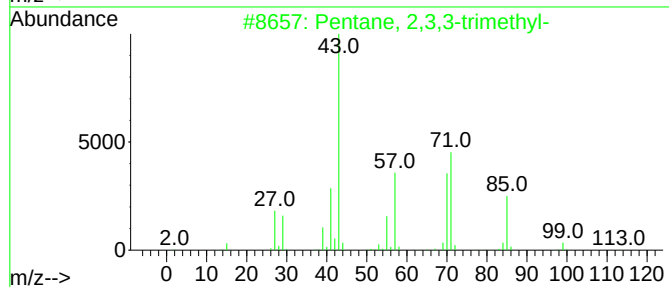
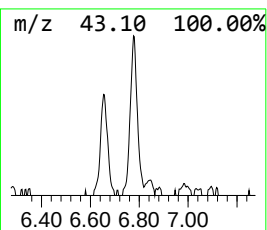
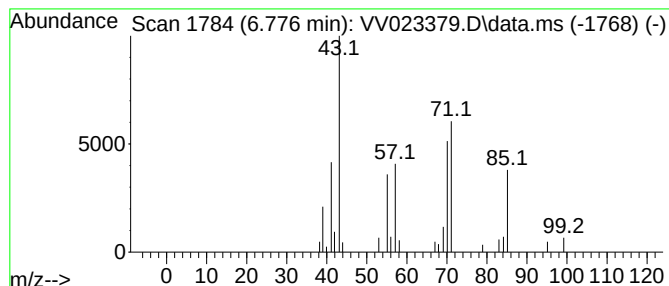
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.776	0.57 ug/L	35033	1,4-Difluorobenzene	5.619

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	78
2		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	78
3		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
4		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53
5		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111021\
Data File : VV023379.D
Acq On : 11 Nov 2021 11:52
Operator : SY/MD
Sample : M4558-10DL 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 66 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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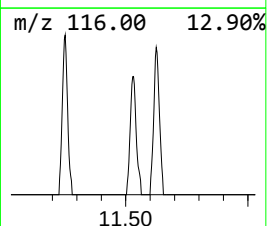
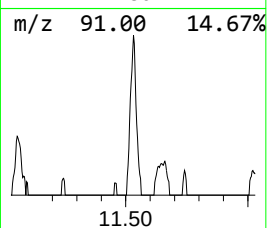
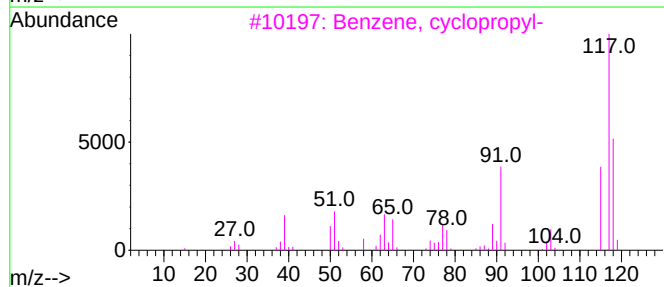
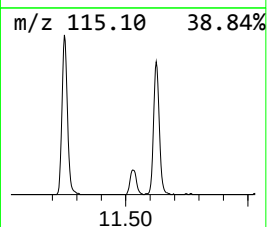
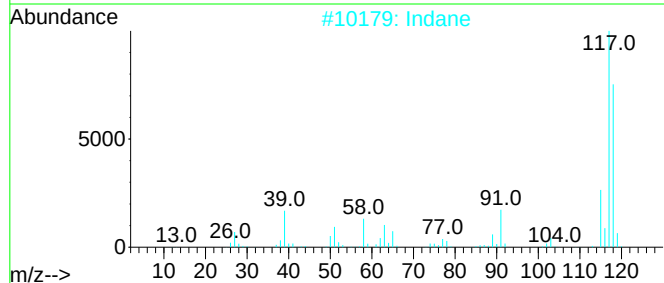
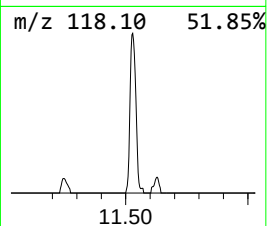
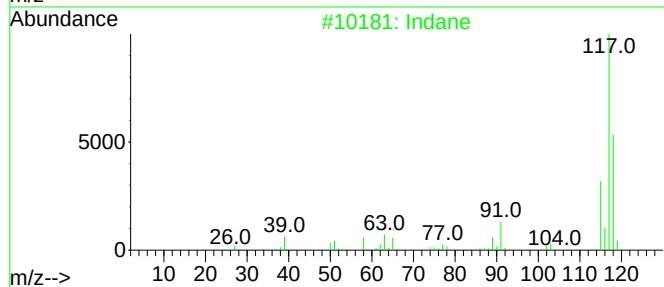
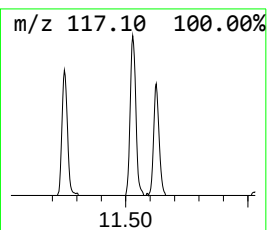
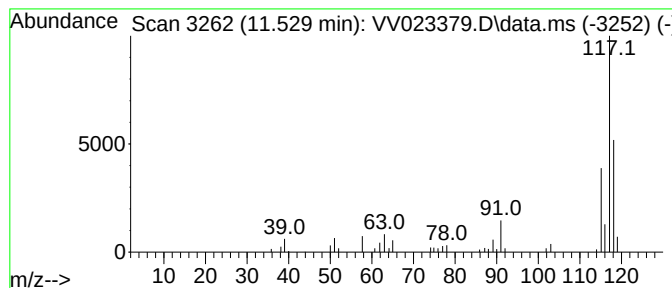
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 11 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.529	0.70 ug/L	47284	1,4-Dichlorobenzene-d4	11.252

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	95
2			Indane	118	C9H10	000496-11-7	90
3			Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
4			7-Methylenecycloocta-1,3,5-triene	118	C9H10	002570-13-0	64
5			Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VV023379.D
 Acq On : 11 Nov 2021 11:52
 Operator : SY/MD
 Sample : M4558-10DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB872DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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(DEL) Alkane: S...	1.809	0.9	ug/L	55289	1	5.619	304959	5.0
(DEL) Alkane: C...	2.024	0.9	ug/L	56464	1	5.619	304959	5.0
(DEL) Alkane: S...	2.500	1.1	ug/L	69499	1	5.619	304959	5.0
(DEL) Alkane: C...	2.577	0.8	ug/L	48185	1	5.619	304959	5.0
(DEL) Alkane: S...	2.764	0.6	ug/L	37921	1	5.619	304959	5.0
(DEL) Alkane: C...	3.767	1.1	ug/L	66518	1	5.619	304959	5.0
(DEL) Alkane: S...	5.233	0.6	ug/L	37739	1	5.619	304959	5.0
(DEL) Alkane: S...	6.776	0.6	ug/L	35033	1	5.619	304959	5.0
Indane	11.529	0.7	ug/L	47284	3	11.252	336132	5.0