

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
 Data File : VV033278.D
 Acq On : 13 Dec 2023 15:59
 Operator : SY/MD
 Sample : 05731-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0Y50

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\SFAMVTR121323WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV033278.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	30	rVB	540318	513149	100.00%	8.346%
2	1.191	40	47	66	rVB	300005	275260	53.64%	4.477%
3	1.281	66	75	86	rBV	340064	353226	68.83%	5.745%
4	1.532	145	153	164	rBV	52820	60846	11.86%	0.990%
5	1.600	164	174	189	rVB	124340	161086	31.39%	2.620%
6	1.767	217	226	243	rVB	83079	110310	21.50%	1.794%
7	2.059	304	317	330	rBV	106602	161045	31.38%	2.619%
8	2.474	424	446	453	rBV2	29465	65445	12.75%	1.064%
9	2.516	453	459	471	rVB3	18065	31034	6.05%	0.505%
10	2.696	500	515	534	rBV4	17257	36277	7.07%	0.590%
11	2.969	587	600	619	rBV4	21961	46293	9.02%	0.753%
12	3.670	803	818	836	rBV4	27110	69937	13.63%	1.137%
13	3.793	847	856	886	rBV	33763	97967	19.09%	1.593%
14	4.249	982	998	1028	rBV	85114	245522	47.85%	3.993%
15	4.583	1084	1102	1119	rBV3	24515	60379	11.77%	0.982%
16	4.825	1161	1177	1200	rVB8	5939	16134	3.14%	0.262%
17	4.956	1201	1218	1232	rBV2	181570	463963	90.41%	7.546%
18	5.088	1253	1259	1272	rVB9	5077	11339	2.21%	0.184%
19	5.239	1293	1306	1319	rVB6	8026	18001	3.51%	0.293%
20	5.407	1350	1358	1359	rBV4	6925	6778	1.32%	0.110%
21	5.535	1387	1398	1428	rBV	148395	305345	59.50%	4.966%
22	5.837	1480	1492	1515	rBV2	52018	112193	21.86%	1.825%
23	5.989	1525	1539	1550	rBV	94140	194631	37.93%	3.166%
24	6.050	1552	1558	1573	rVB4	33229	66246	12.91%	1.077%
25	6.288	1621	1632	1642	rBV6	4180	8450	1.65%	0.137%
26	6.915	1815	1827	1848	rBV2	47901	91567	17.84%	1.489%
27	7.194	1904	1914	1918	rBV6	5458	9296	1.81%	0.151%
28	7.243	1919	1929	1943	rVV	240594	425143	82.85%	6.915%
29	7.316	1943	1952	1978	rVB	141074	259235	50.52%	4.216%
30	7.558	2018	2027	2048	rBV2	28979	59249	11.55%	0.964%
31	7.911	2128	2137	2149	rVB7	4630	8561	1.67%	0.139%
32	8.024	2163	2172	2205	rBV	139697	274376	53.47%	4.463%
33	8.217	2227	2232	2244	rVB8	5175	8670	1.69%	0.141%
34	8.786	2396	2409	2428	rBV	229063	376147	73.30%	6.118%
35	8.950	2450	2460	2473	rBV	44344	71631	13.96%	1.165%
36	9.075	2489	2499	2513	rBV	50135	85320	16.63%	1.388%

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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 >
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37	9.484	2616	2626	2642	rBV2	26691	45374	8.84%	0.738%
38	9.873	2736	2747	2759	rBB4	4886	8362	1.63%	0.136%
39	10.152	2823	2834	2854	rBV2	61587	98369	19.17%	1.600%
40	10.294	2869	2878	2883	rBV2	6955	8967	1.75%	0.146%
41	10.390	2897	2908	2913	rBV2	10718	16861	3.29%	0.274%
42	10.480	2927	2936	2947	rBV4	6354	8769	1.71%	0.143%
43	10.676	2988	2997	3009	rBV	5485	8584	1.67%	0.140%
44	10.857	3044	3053	3067	rBV2	14995	23326	4.55%	0.379%
45	11.184	3145	3155	3174	rBV	237402	377450	73.56%	6.139%
46	11.275	3176	3183	3195	rVB2	10645	17437	3.40%	0.284%
47	11.561	3261	3272	3296	rVB	233698	374910	73.06%	6.098%

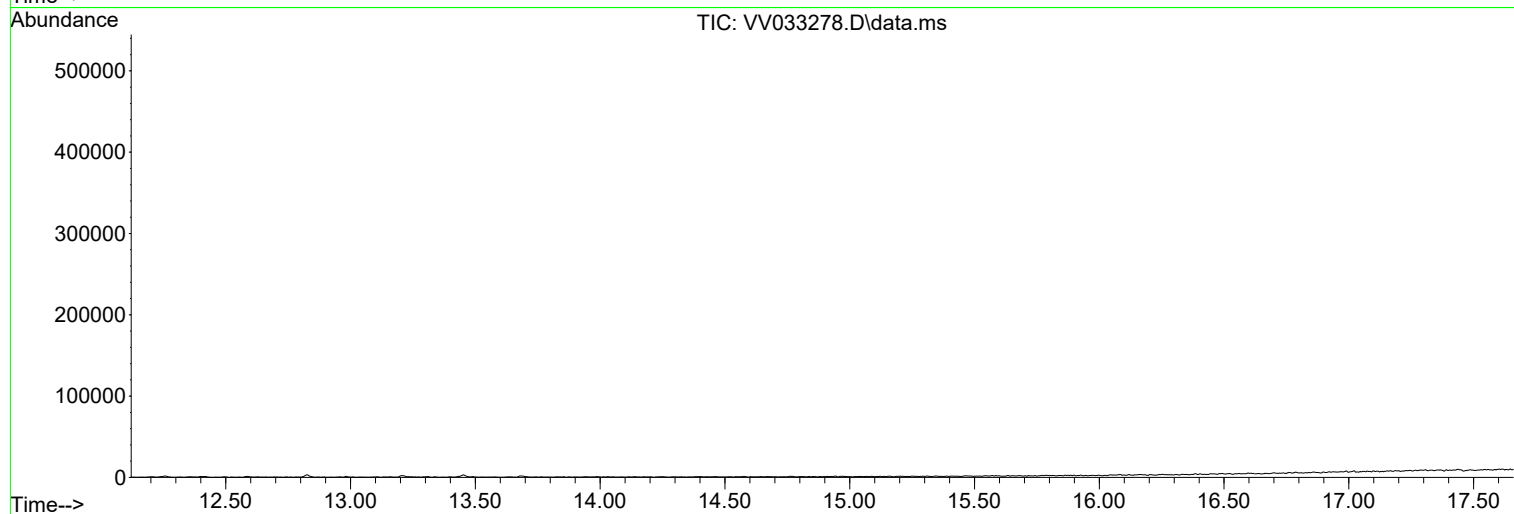
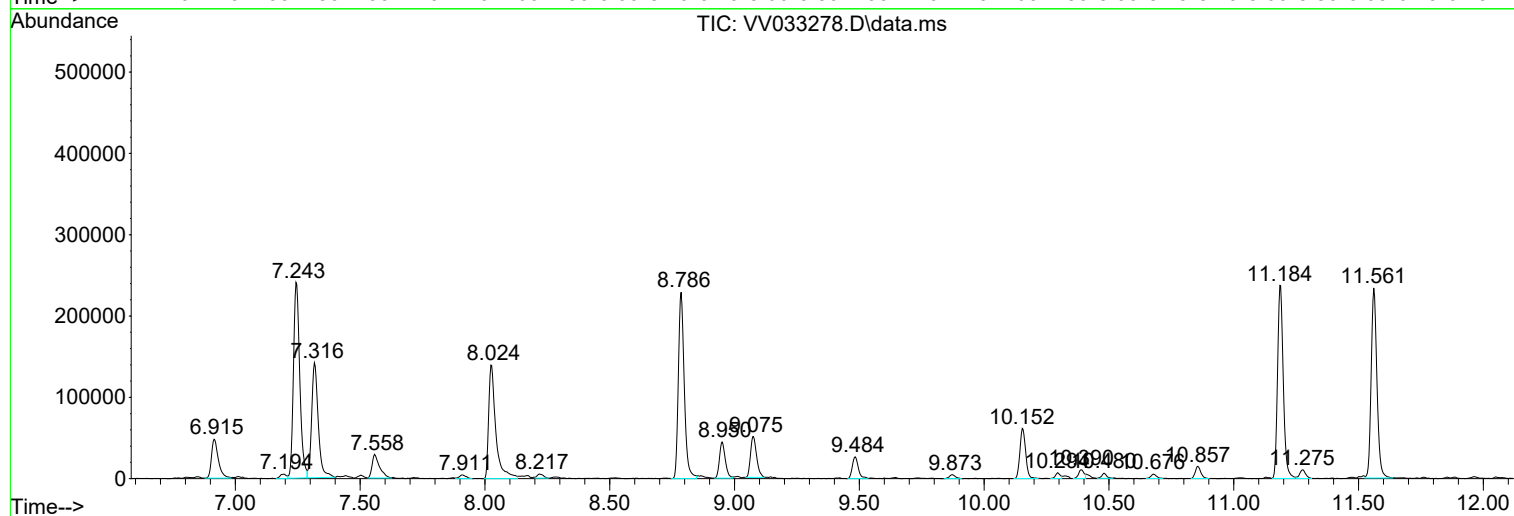
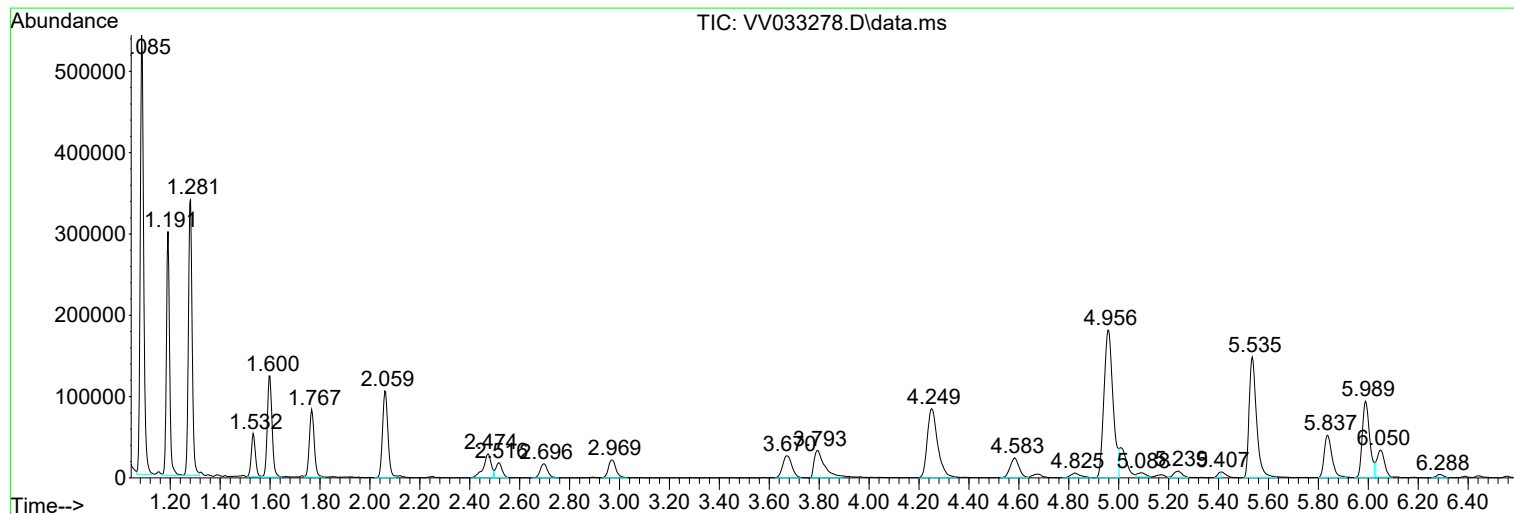
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Quant Title : TRACE VOA SFAM1.0

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



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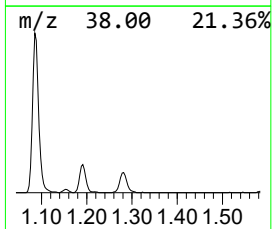
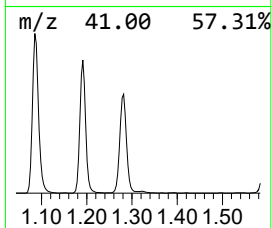
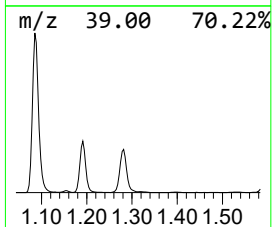
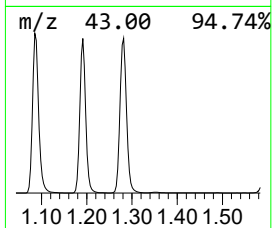
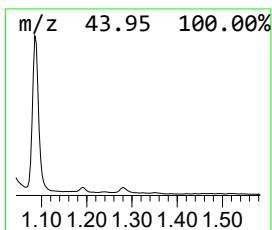
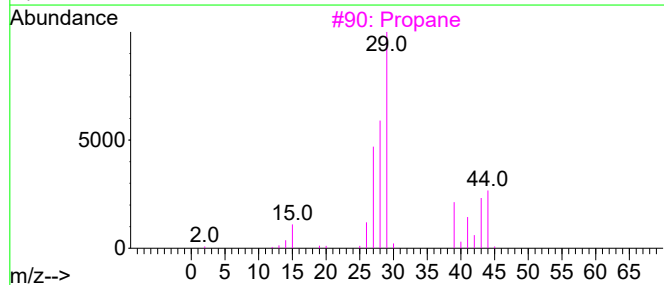
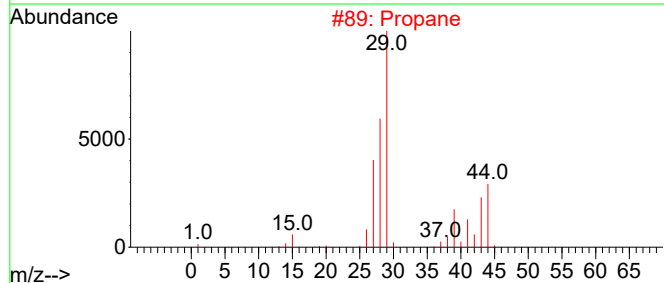
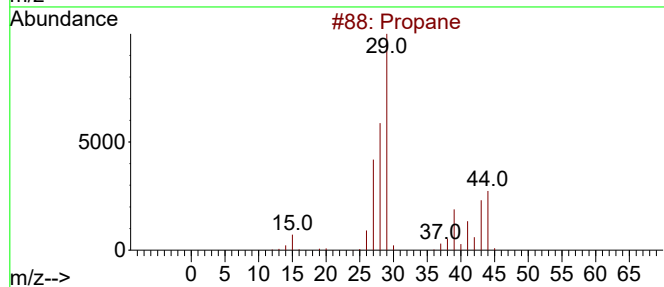
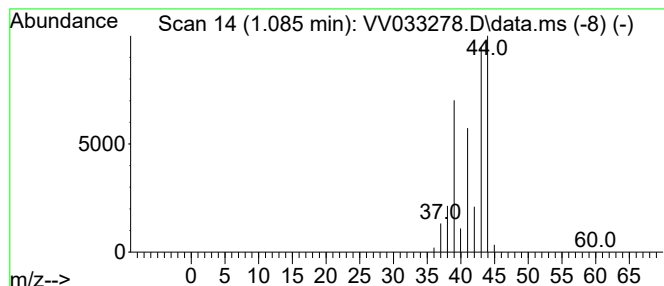
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Quant Title : TRACE VOA SFAM1.0

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.
1.085	8.40 ug/L	513149	1,4-Difluorobenzene	5.535

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane			44	C3H8	000074-98-6	90
2	Propane			44	C3H8	000074-98-6	83
3	Propane			44	C3H8	000074-98-6	9
4	Propene			42	C3H6	000115-07-1	9
5	Acetaldehyde			44	C2H4O	000075-07-0	5



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Instrument :
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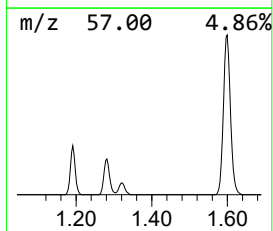
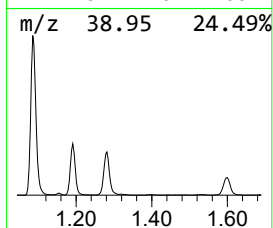
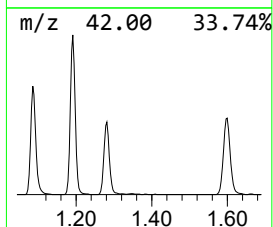
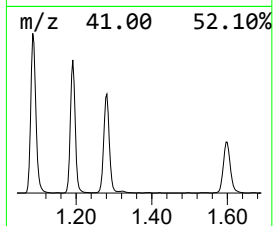
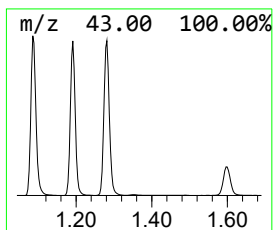
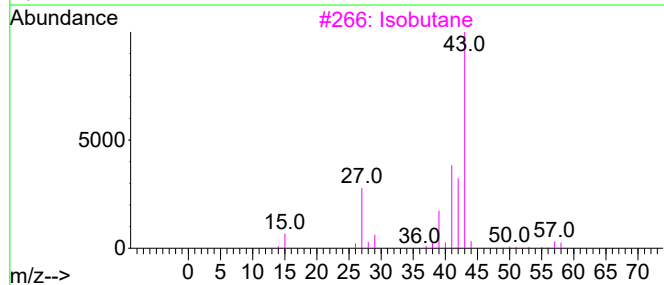
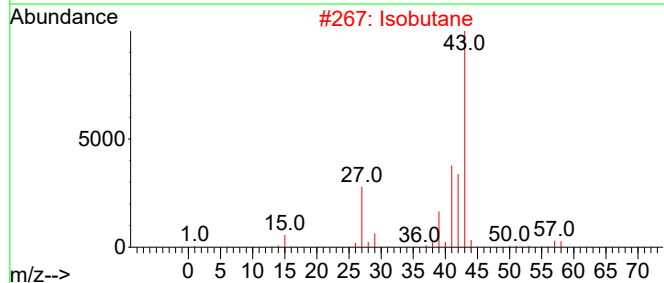
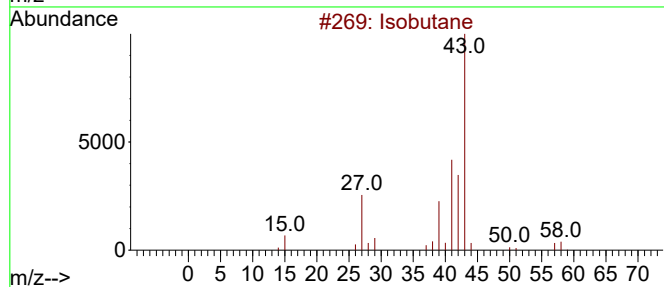
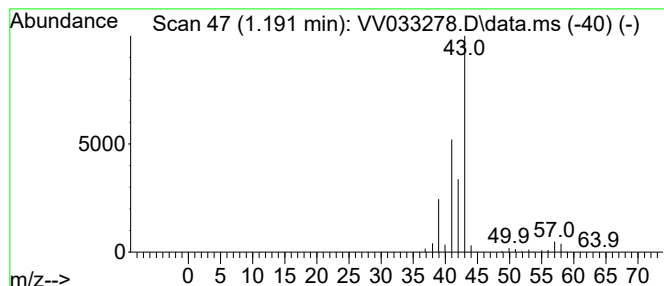
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.191	4.51 ug/L	275260	1,4-Difluorobenzene	5.535

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Isobutane	58	C4H10	000075-28-5	64
2		Isobutane	58	C4H10	000075-28-5	64
3		Isobutane	58	C4H10	000075-28-5	64
4		Isobutane	58	C4H10	000075-28-5	59
5		Isobutane	58	C4H10	000075-28-5	42



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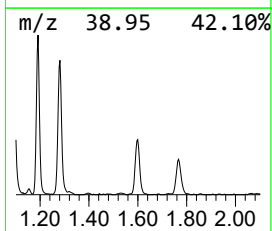
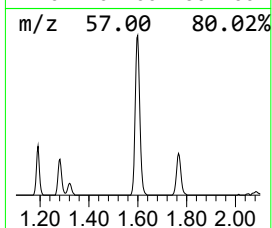
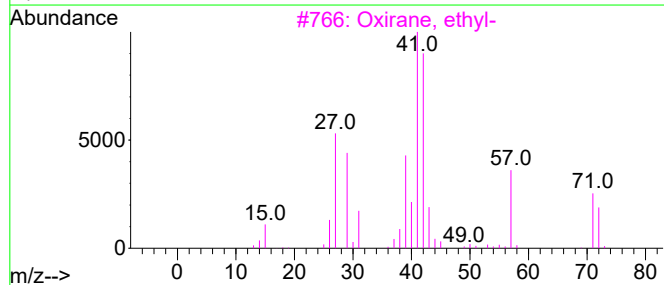
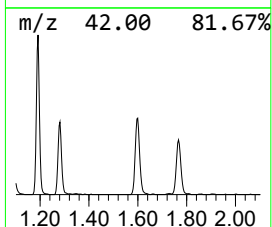
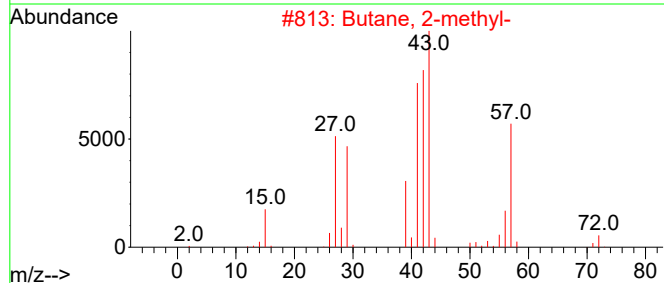
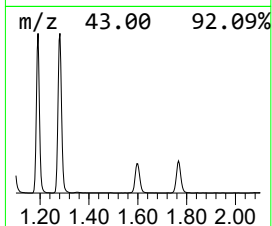
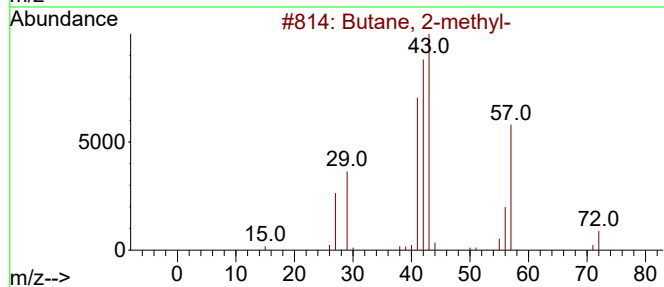
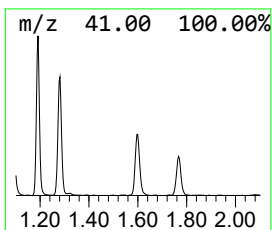
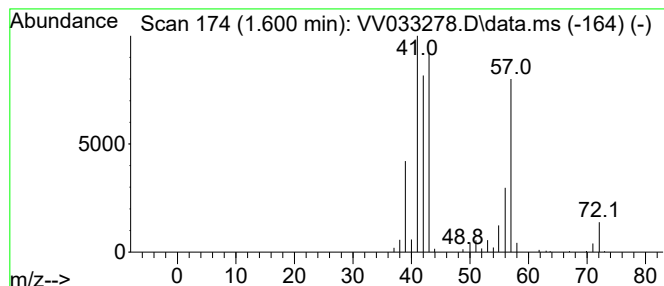
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Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.600	2.64 ug/L	161086	1,4-Difluorobenzene	5.535

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-			72	C5H12	000078-78-4	59
2	Butane, 2-methyl-			72	C5H12	000078-78-4	59
3	Oxirane, ethyl-			72	C4H8O	000106-88-7	36
4	3-Buten-1-ol			72	C4H8O	000627-27-0	33
5	2-Butene, (E)-			56	C4H8	000624-64-6	25



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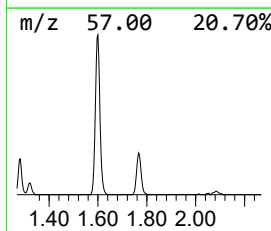
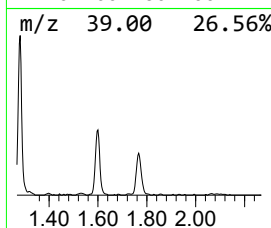
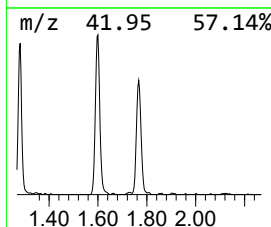
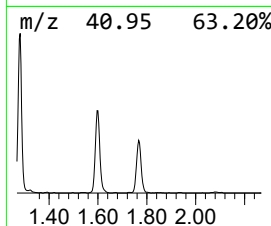
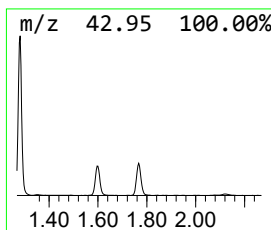
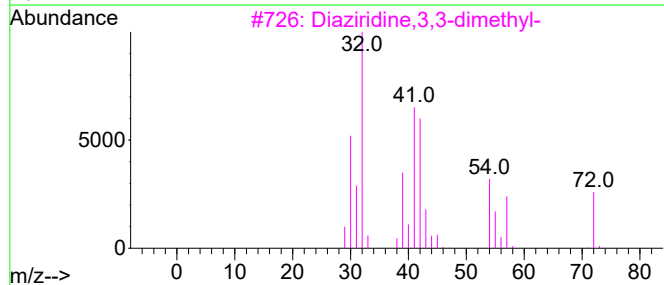
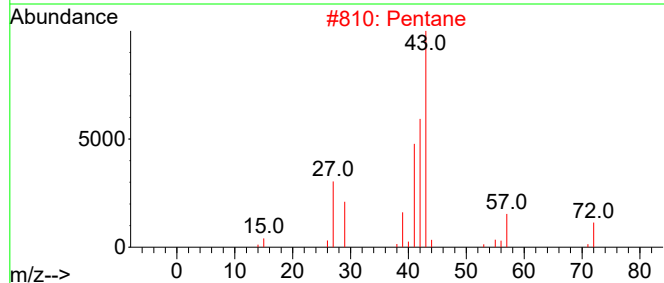
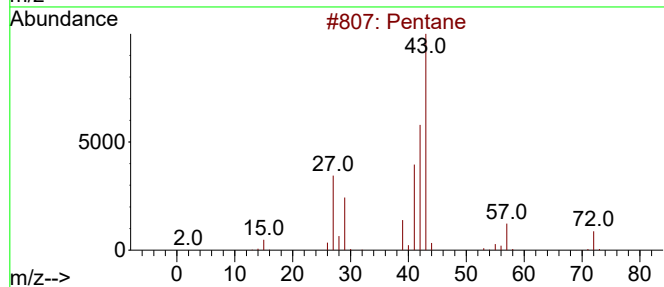
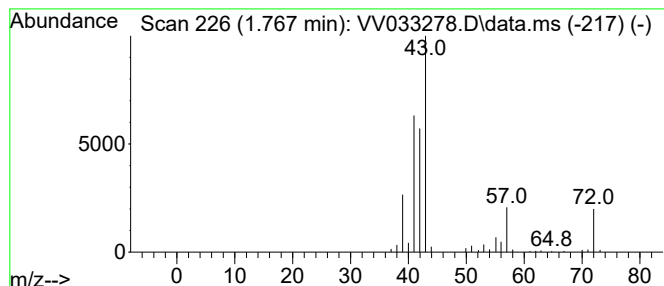
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Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.767	1.81 ug/L	110310	1,4-Difluorobenzene	5.535

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane	72	C5H12	000109-66-0	78
2			Pentane	72	C5H12	000109-66-0	74
3			Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	53
4			Oxirane, ethyl-	72	C4H8O	000106-88-7	53
5			Tetrahydrofuran	72	C4H8O	000109-99-9	47



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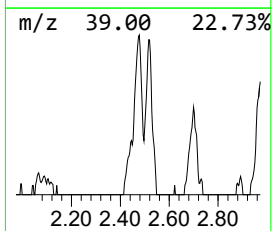
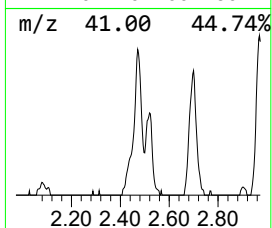
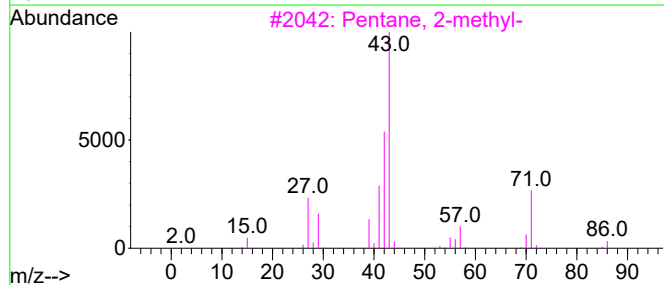
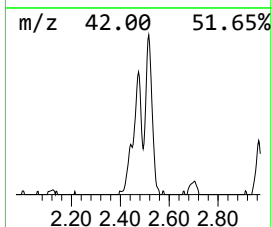
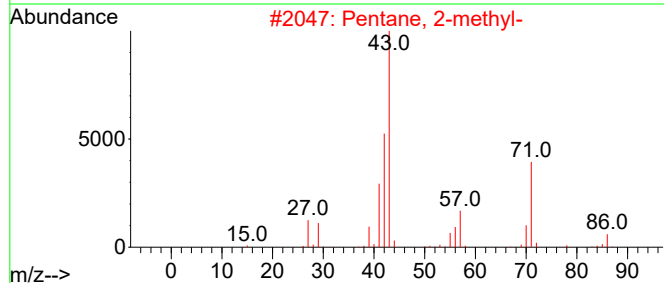
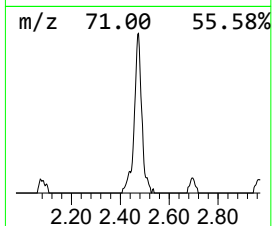
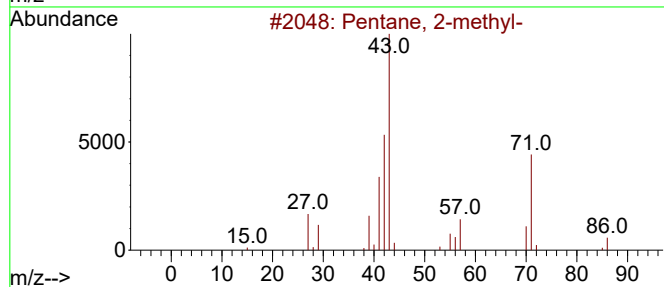
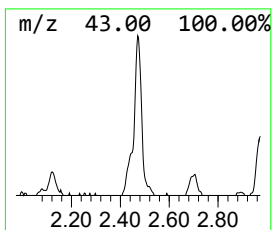
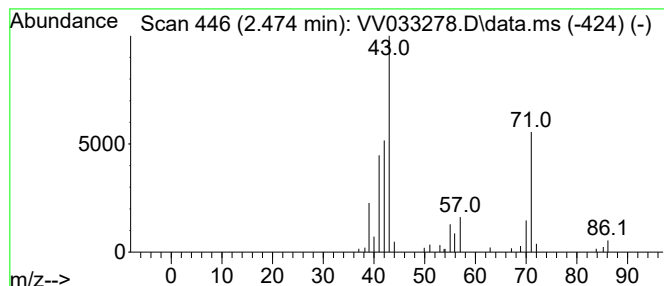
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.474	1.07 ug/L	65445	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	74
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033278.D
Acq On : 13 Dec 2023 15:59
Operator : SY/MD
Sample : 05731-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y50

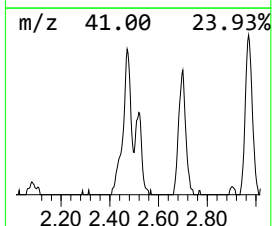
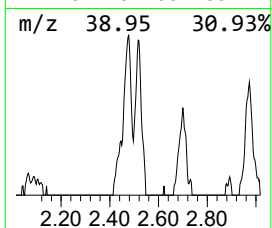
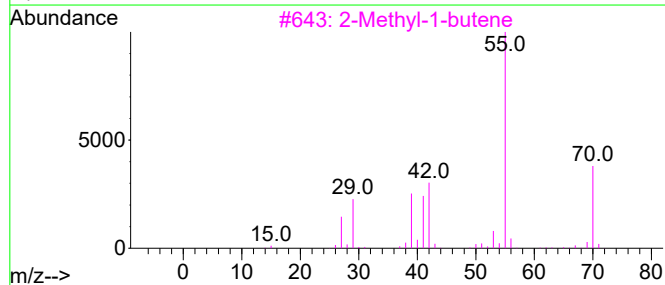
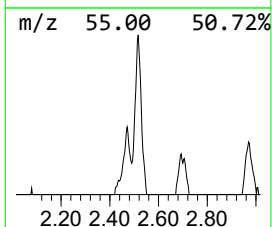
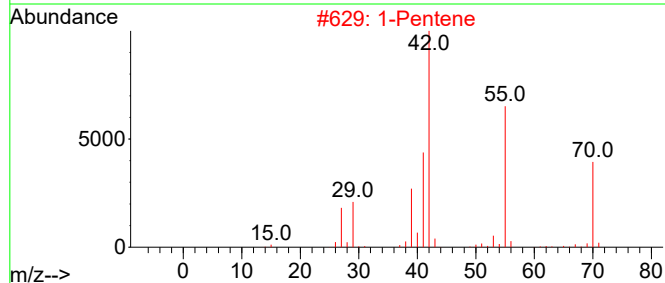
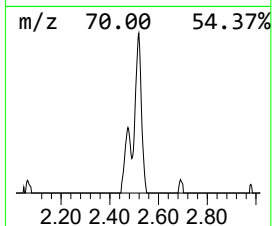
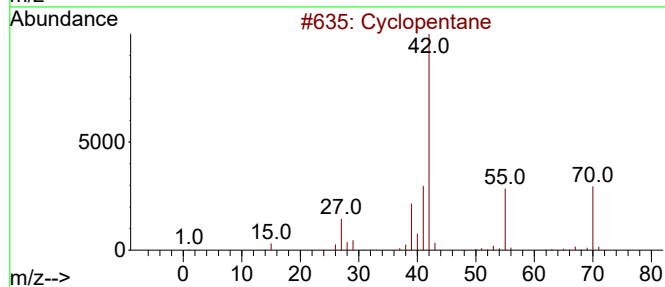
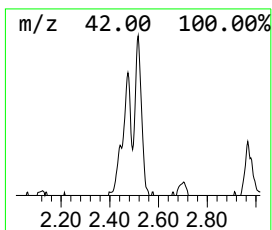
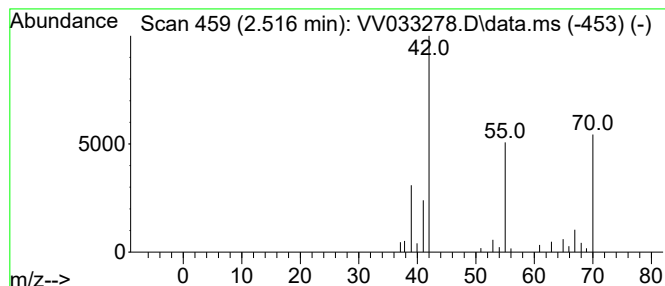
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 (DEL) Alkane: Cyclic2.516 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.516	0.51 ug/L	31034	1,4-Difluorobenzene	5.535

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane	70	C5H10	000287-92-3	72
2		1-Pentene	70	C5H10	000109-67-1	45
3		2-Methyl-1-butene	70	C5H10	000563-46-2	9
4		Methyl vinyl ketone	70	C4H6O	000078-94-4	9
5		Cyclopropane, ethyl-	70	C5H10	001191-96-4	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033278.D
Acq On : 13 Dec 2023 15:59
Operator : SY/MD
Sample : 05731-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

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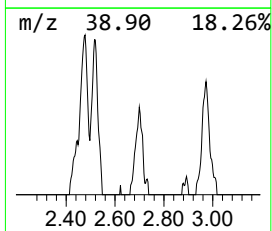
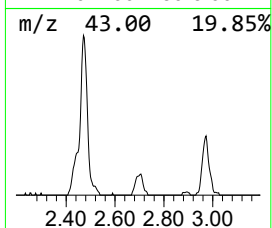
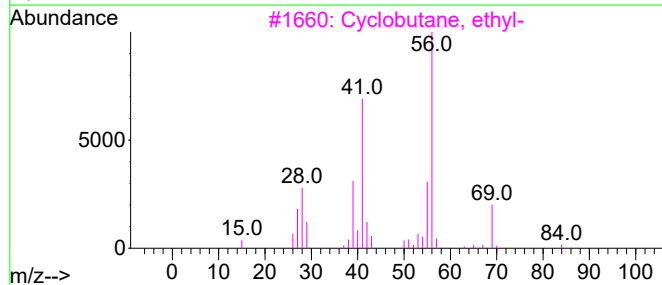
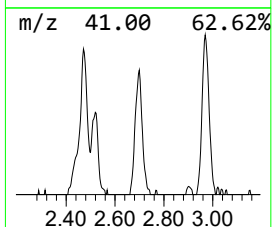
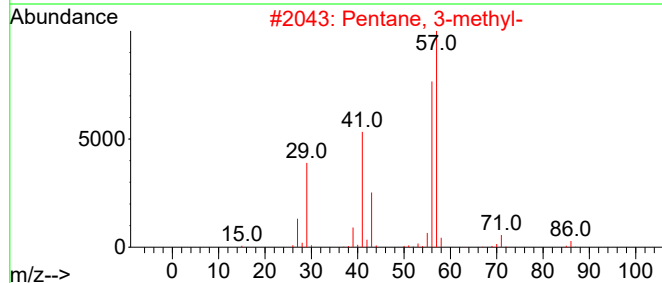
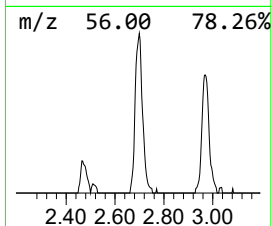
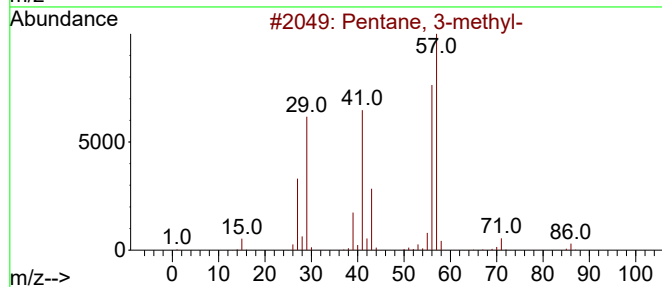
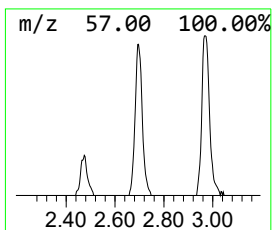
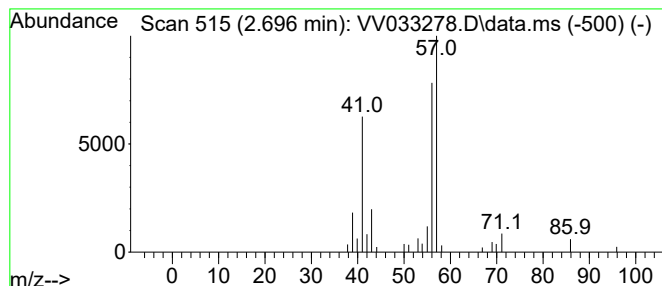
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.696	0.59 ug/L	36277	1,4-Difluorobenzene	5.535

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 3-methyl-	86	C6H14	000096-14-0	72
2		Pentane, 3-methyl-	86	C6H14	000096-14-0	64
3		Cyclobutane, ethyl-	84	C6H12	004806-61-5	59
4		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	56
5		Pentane, 3-methyl-	86	C6H14	000096-14-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033278.D
Acq On : 13 Dec 2023 15:59
Operator : SY/MD
Sample : 05731-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y50

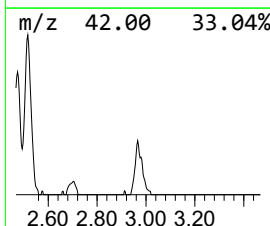
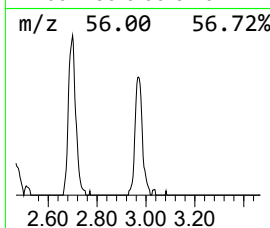
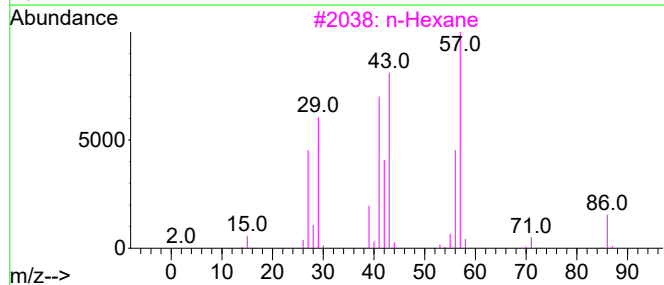
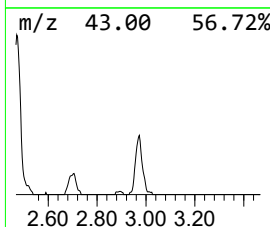
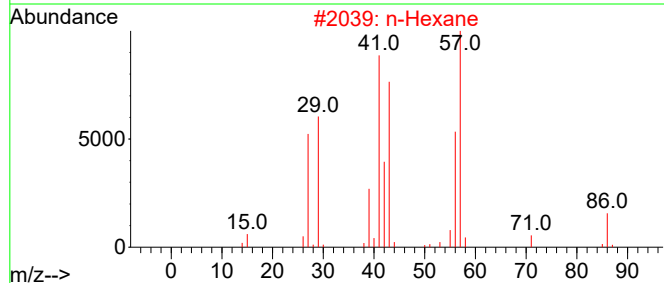
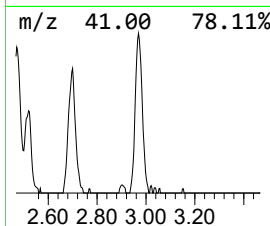
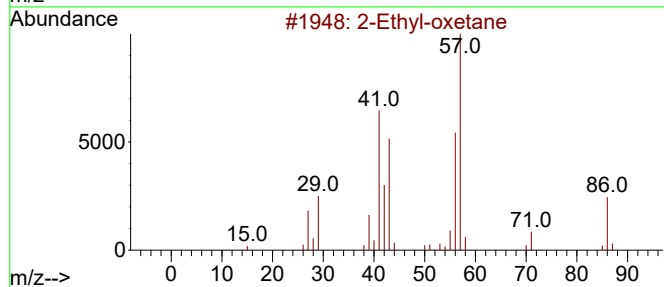
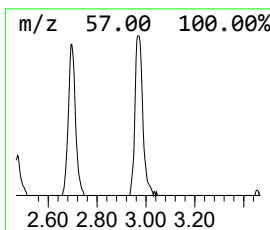
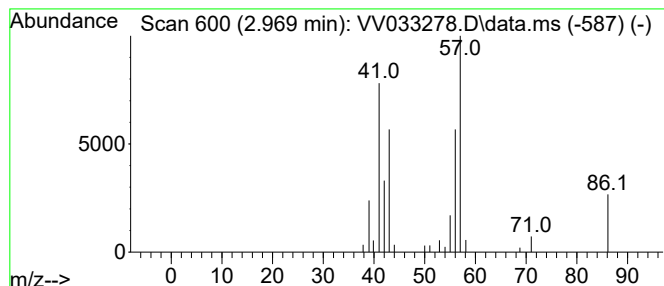
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 2-Ethyl-oxetane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.969	0.76 ug/L	46293	1,4-Difluorobenzene	5.535

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Ethyl-oxetane	86	C5H10O	1010386-40-2	91
2		n-Hexane	86	C6H14	000110-54-3	72
3		n-Hexane	86	C6H14	000110-54-3	50
4		n-Hexane	86	C6H14	000110-54-3	50
5		n-Hexane	86	C6H14	000110-54-3	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033278.D
Acq On : 13 Dec 2023 15:59
Operator : SY/MD
Sample : 05731-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

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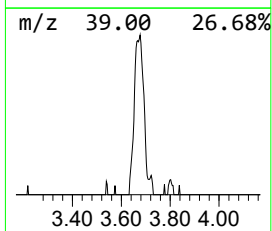
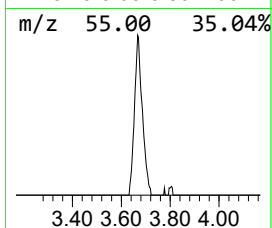
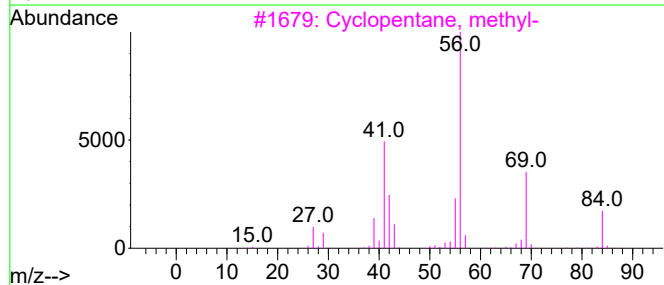
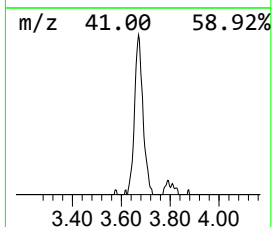
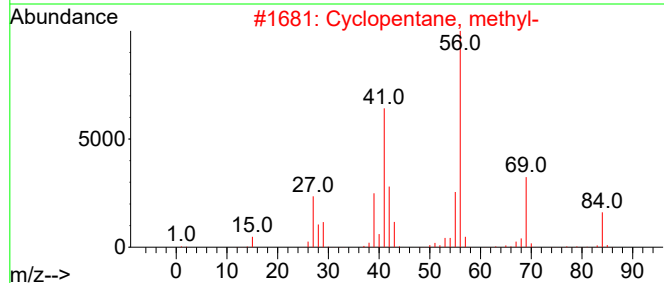
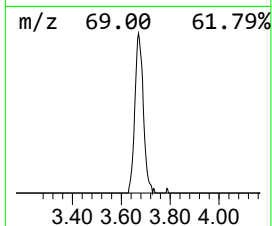
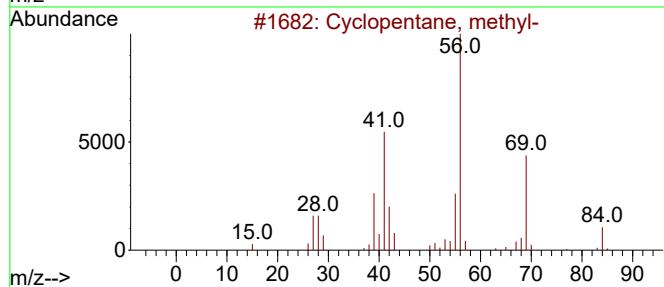
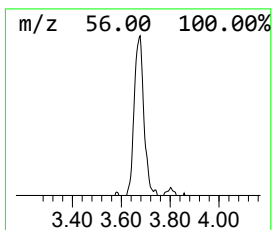
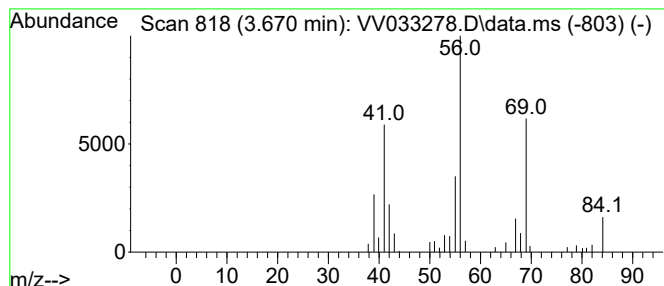
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 (DEL) Alkane: Cyclic3.670 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.670	1.15 ug/L	69937	1,4-Difluorobenzene	5.535

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2			Cyclopentane, methyl-	84	C6H12	000096-37-7	72
3			Cyclopentane, methyl-	84	C6H12	000096-37-7	64
4			1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	59
5			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033278.D
Acq On : 13 Dec 2023 15:59
Operator : SY/MD
Sample : 05731-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0Y50

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.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
(DEL) Alkane: S...	1.085	8.4	ug/L	513149	1	5.535	305345	5.0
(DEL) Alkane: S...	1.191	4.5	ug/L	275260	1	5.535	305345	5.0
(DEL) Alkane: S...	1.600	2.6	ug/L	161086	1	5.535	305345	5.0
(DEL) Alkane: S...	1.767	1.8	ug/L	110310	1	5.535	305345	5.0
(DEL) Alkane: S...	2.474	1.1	ug/L	65445	1	5.535	305345	5.0
(DEL) Alkane: C...	2.516	0.5	ug/L	31034	1	5.535	305345	5.0
(DEL) Alkane: S...	2.696	0.6	ug/L	36277	1	5.535	305345	5.0
2-Ethyl-oxetane	2.969	0.8	ug/L	46293	1	5.535	305345	5.0
(DEL) Alkane: C...	3.670	1.1	ug/L	69937	1	5.535	305345	5.0