

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
 Data File : VV033317.D
 Acq On : 14 Dec 2023 07:55
 Operator : SY/MD
 Sample : 05770-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOY89

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: VV033317.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.079	7	12	28	rVB	124784	125359	32.40%	3.130%
2	1.182	38	44	60	rVV	68492	60518	15.64%	1.511%
3	1.269	64	71	91	rVB	127861	135116	34.92%	3.374%
4	1.378	98	105	112	rVB	12433	13373	3.46%	0.334%
5	1.523	142	150	159	rBV	50036	57961	14.98%	1.447%
6	1.587	162	170	178	rBV2	30102	37221	9.62%	0.929%
7	1.754	214	222	230	rBV2	19376	24762	6.40%	0.618%
8	2.050	301	314	328	rBV	106374	160382	41.45%	4.004%
9	2.227	361	369	377	rBV5	3083	5804	1.50%	0.145%
10	2.458	427	441	448	rBV7	5718	12678	3.28%	0.317%
11	2.497	449	453	467	rVB10	4051	7176	1.85%	0.179%
12	2.677	501	509	518	rBV9	4408	7252	1.87%	0.181%
13	2.944	582	592	606	rVB8	5764	12544	3.24%	0.313%
14	3.645	796	810	824	rBV5	7150	19648	5.08%	0.491%
15	3.802	846	859	863	rBV8	4746	9014	2.33%	0.225%
16	3.876	866	882	900	rVV2	12518	47390	12.25%	1.183%
17	4.240	976	995	1017	rBV	73751	195053	50.41%	4.870%
18	4.555	1079	1093	1102	rBV9	7551	18604	4.81%	0.464%
19	4.944	1197	1214	1228	rBV3	169571	386897	100.00%	9.660%
20	5.127	1261	1271	1283	rVB5	4235	10196	2.64%	0.255%
21	5.211	1287	1297	1305	rBV8	2038	4038	1.04%	0.101%
22	5.526	1382	1395	1417	rBV2	130665	260016	67.21%	6.492%
23	5.777	1460	1473	1483	rBV4	10695	25696	6.64%	0.642%
24	5.986	1525	1538	1564	rBV2	86318	196865	50.88%	4.915%
25	6.104	1565	1575	1586	rVB5	4929	9180	2.37%	0.229%
26	6.908	1814	1825	1844	rBV2	39485	73381	18.97%	1.832%
27	7.236	1917	1927	1941	rBV	203301	354907	91.73%	8.861%
28	7.310	1941	1950	1966	rVB	75483	131761	34.06%	3.290%
29	7.555	2013	2026	2042	rBV2	23882	43985	11.37%	1.098%
30	8.040	2167	2177	2197	rBV	109367	214446	55.43%	5.354%
31	8.783	2397	2408	2429	rBV	200787	347032	89.70%	8.665%
32	8.947	2449	2459	2470	rVB	20494	30938	8.00%	0.772%
33	9.072	2486	2498	2512	rBV	25476	42433	10.97%	1.059%
34	9.481	2614	2625	2637	rBV	12560	20034	5.18%	0.500%
35	10.156	2825	2835	2850	rVB2	57020	91074	23.54%	2.274%
36	10.384	2896	2906	2912	rBV3	6080	9235	2.39%	0.231%

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Sampling : 1

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Max Peaks: 100

Peak Location: TOP

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Peak separation: 5

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Title : TRACE VOA SFAM1.0

37	10.474	2926	2934	2947	rVB2	3661	6671	1.72%	0.167%
38	10.677	2989	2997	3007	rBV2	3411	5143	1.33%	0.128%
39	10.850	3042	3051	3067	rVB	15215	22617	5.85%	0.565%
40	11.185	3144	3155	3174	rBV	211044	340079	87.90%	8.491%
41	11.275	3174	3183	3193	rVB2	5793	9134	2.36%	0.228%
42	11.561	3260	3272	3296	rVB	208292	349474	90.33%	8.725%
43	12.242	3474	3484	3492	rBV7	2668	4950	1.28%	0.124%
44	12.821	3655	3664	3672	rVB8	3004	4863	1.26%	0.121%
45	15.792	4571	4588	4590	rBV8	9163	19593	5.06%	0.489%
46	16.252	4722	4731	4740	rVB2	27539	40714	10.52%	1.017%

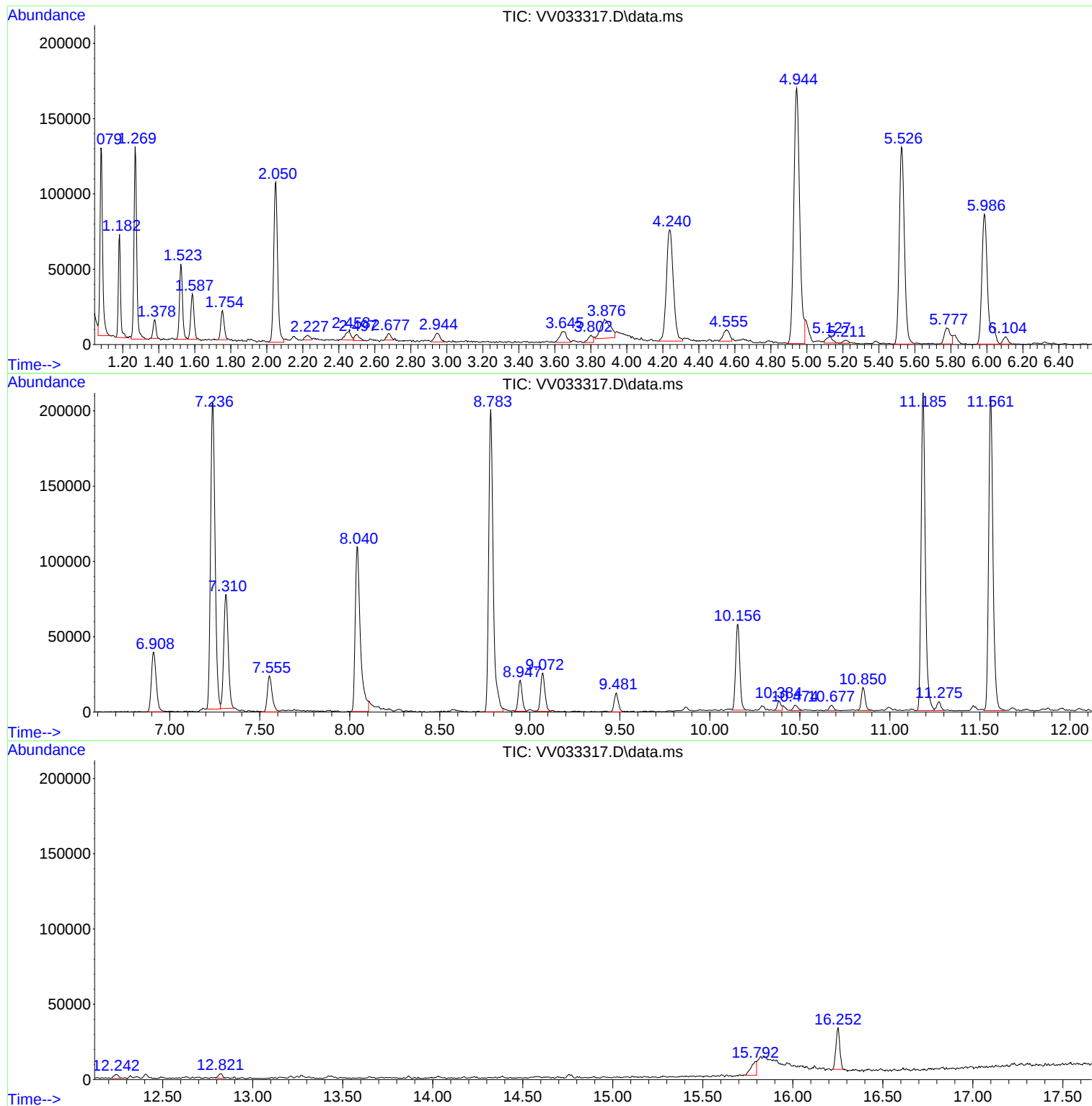
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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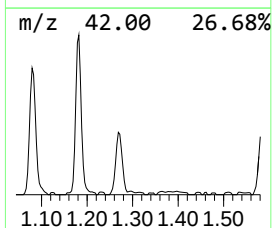
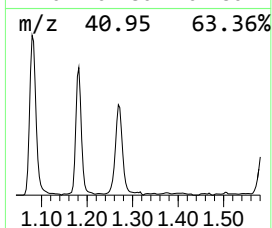
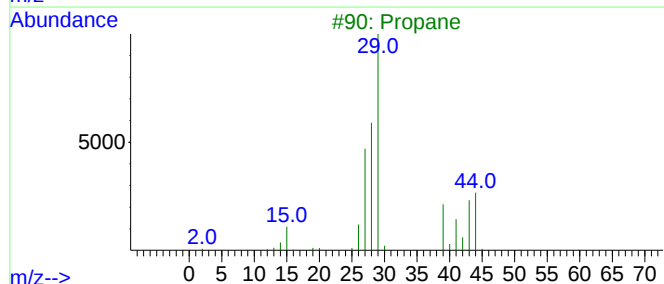
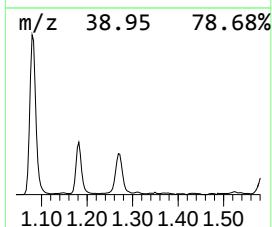
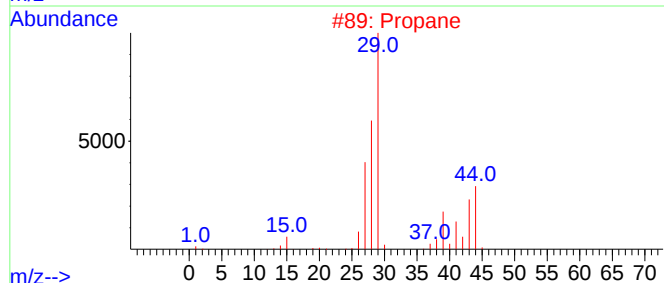
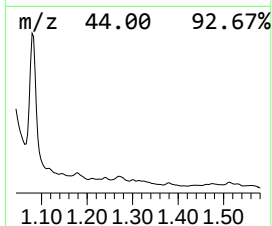
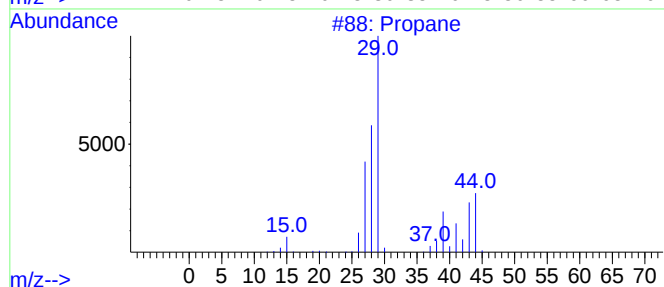
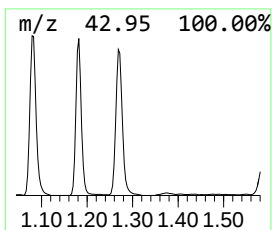
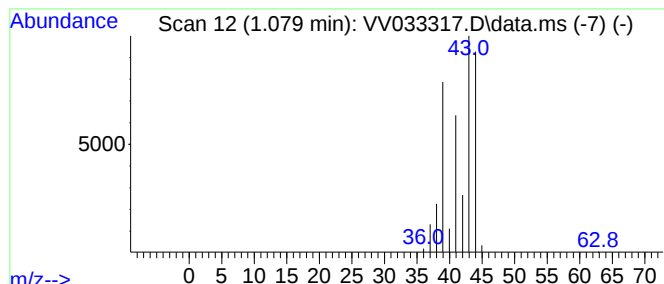
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.079	2.41 ug/L	125359	1,4-Difluorobenzene	5.529

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			Ethylene oxide	44	C2H4O	000075-21-8	5



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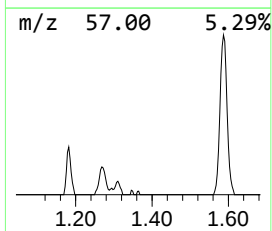
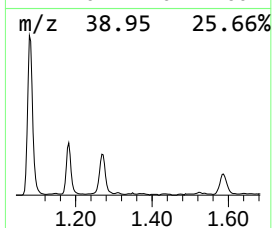
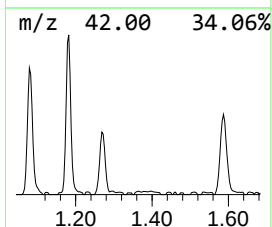
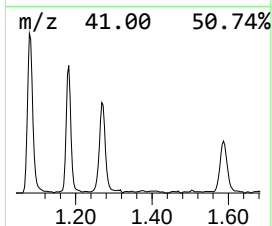
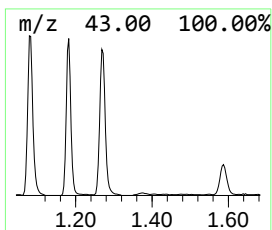
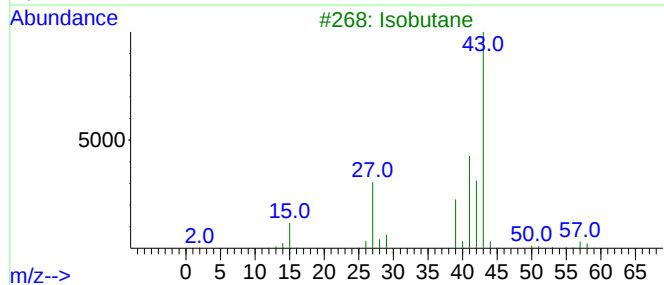
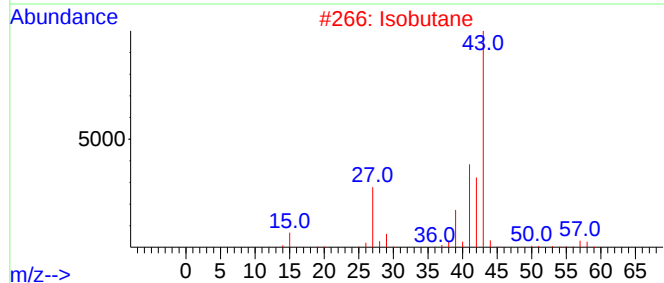
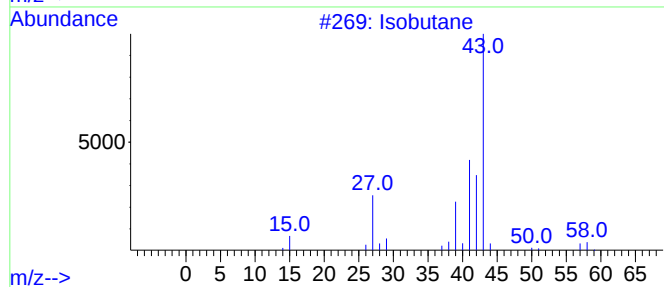
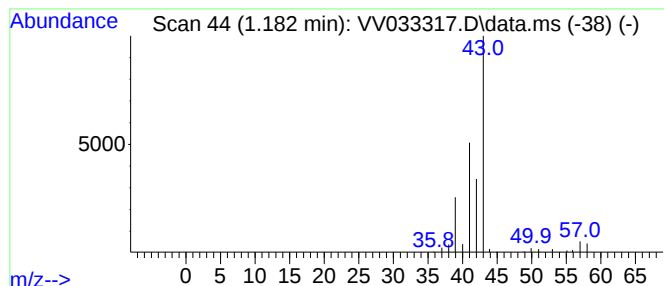
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

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.
1.182	1.16 ug/L	60518	1,4-Difluorobenzene	5.529

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	50
4		Isobutane	58	C4H10	000075-28-5	50
5		Propane, 1-chloro-2-methyl-	92	C4H9Cl	000513-36-0	9



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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 52 Sample Multiplier: 1

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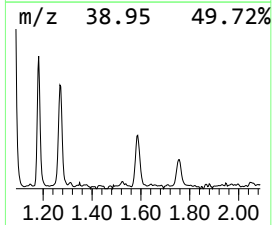
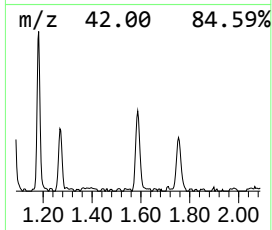
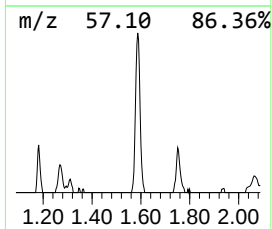
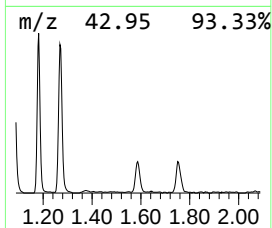
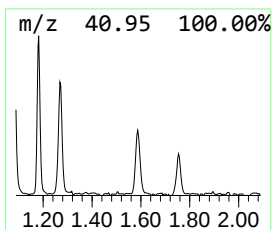
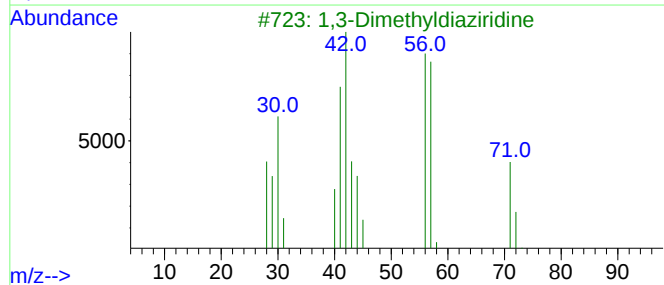
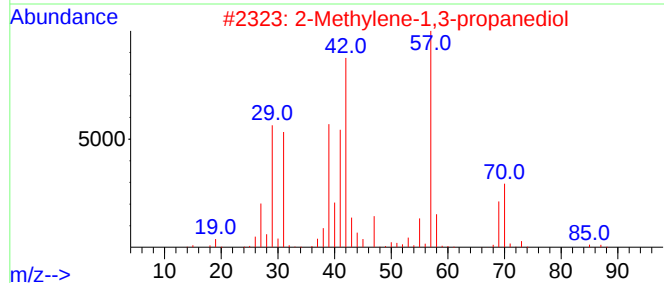
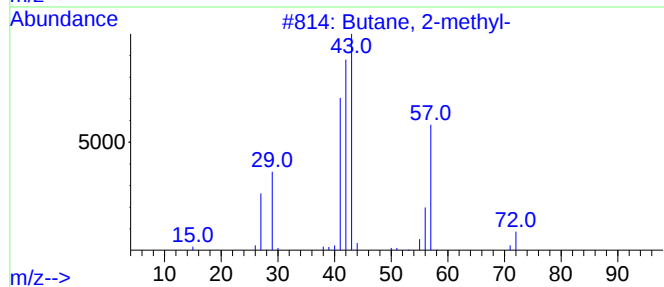
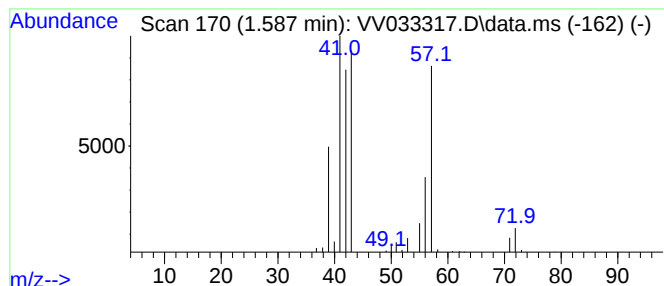
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.587	0.72 ug/L	37221	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	53
2			2-Methylene-1,3-propanediol	88	C4H8O2	003513-81-3	33
3			1,3-Dimethyldiaziridine	72	C3H8N2	026177-36-6	25
4			Oxirane, ethyl-	72	C4H8O	000106-88-7	25
5			tert-Butyl carbamate	117	C5H11NO2	004248-19-5	23



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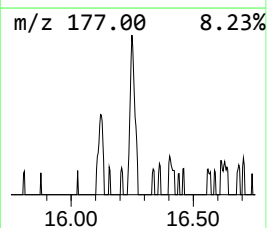
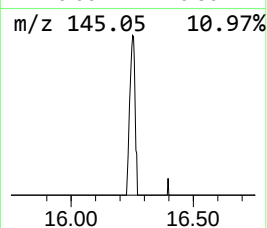
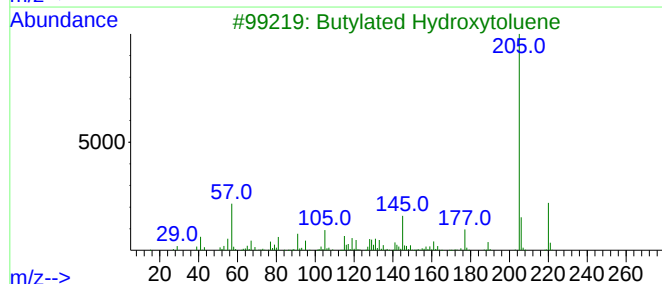
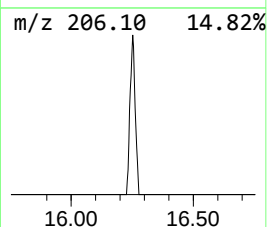
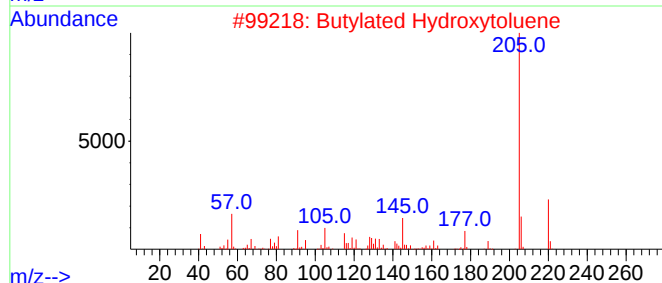
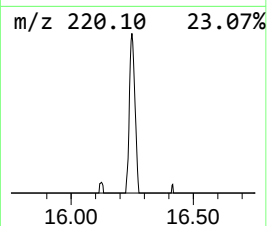
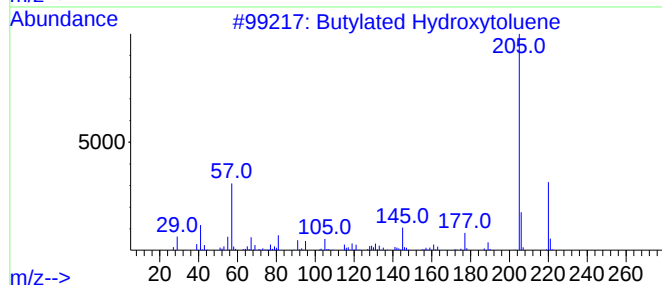
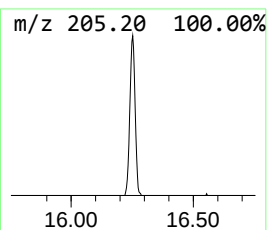
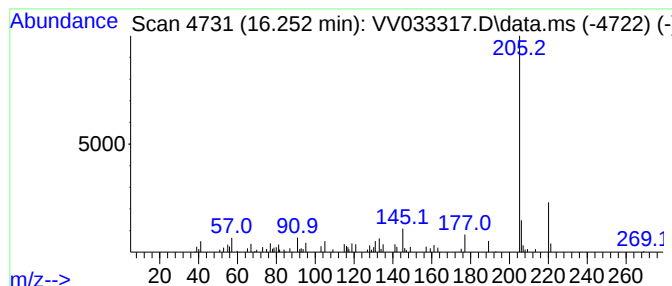
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Butylated Hydroxytoluene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.252	0.60 ug/L	40714	1,4-Dichlorobenzene-d4	11.185

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	95
2			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	94
3			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	94
4			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	93
5			Ethyl 4-oxo-2-phenylpentanoate	220	C13H16O3	1000427-11-2	93



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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...	1.079	2.4	ug/L	125359	1	5.529	260016	5.0
(DEL) Alkane: S...	1.182	1.2	ug/L	60518	1	5.529	260016	5.0
(DEL) Alkane: S...	1.587	0.7	ug/L	37221	1	5.529	260016	5.0
Butylated Hydro...	16.252	0.6	ug/L	40714	3	11.185	340079	5.0