

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
 Data File : VU051577.D
 Acq On : 28 Oct 2022 19:10
 Operator : JC/MD
 Sample : N5300-03DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHA80DL

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.1

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU051577.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.475	32	42	53	rBV2	21050	49664	1.99%	0.328%
2	1.597	73	80	89	rBV	104778	121284	4.86%	0.801%
3	1.909	170	177	193	rVB	103499	141779	5.68%	0.936%
4	2.376	314	322	336	rVB2	40650	70733	2.83%	0.467%
5	2.565	369	381	396	rBV	141847	233238	9.34%	1.540%
6	3.044	518	530	545	rBV2	40019	80099	3.21%	0.529%
7	3.186	559	574	590	rVB	13424	29800	1.19%	0.197%
8	3.874	759	788	804	rBV	8454	34013	1.36%	0.225%
9	3.990	805	824	855	rBV2	163463	427475	17.12%	2.823%
10	4.530	976	992	1003	rBV4	15981	39209	1.57%	0.259%
11	4.617	1008	1019	1051	rBV	211071	522723	20.93%	3.452%
12	5.060	1141	1157	1179	rBV	198422	442359	17.71%	2.922%
13	5.723	1339	1363	1370	rBV2	356055	909730	36.43%	6.009%
14	5.771	1371	1378	1400	rVB	532459	1062526	42.55%	7.018%
15	6.247	1512	1526	1555	rBV	247251	476995	19.10%	3.150%
16	6.690	1650	1664	1679	rBV	242357	472360	18.92%	3.120%
17	7.565	1924	1936	1959	rBV	89534	159192	6.37%	1.051%
18	7.896	2021	2039	2050	rBV	333745	577312	23.12%	3.813%
19	7.967	2050	2061	2100	rVB	949288	1655727	66.30%	10.936%
20	8.179	2114	2127	2140	rBV	58177	98778	3.96%	0.652%
21	8.629	2255	2267	2306	rBV	640522	1199976	48.05%	7.926%
22	9.443	2499	2520	2547	rBV2	1134156	2497139	100.00%	16.493%
23	9.568	2547	2559	2579	rVB	515177	840274	33.65%	5.550%
24	9.690	2585	2597	2613	rBV	244404	410435	16.44%	2.711%
25	10.099	2711	2724	2747	rBV	136664	230330	9.22%	1.521%
26	10.485	2831	2844	2856	rBV	47809	78941	3.16%	0.521%
27	10.755	2908	2928	2942	rBV	216232	353661	14.16%	2.336%
28	10.903	2954	2974	2988	rBV	61772	118028	4.73%	0.780%
29	11.028	3006	3013	3024	rVV7	15797	27816	1.11%	0.184%
30	11.292	3082	3095	3111	rBV	67616	106888	4.28%	0.706%
31	11.465	3138	3149	3162	rBV	67627	104435	4.18%	0.690%
32	11.809	3244	3256	3273	rBV	357630	622065	24.91%	4.109%
33	11.893	3273	3282	3296	rVB	37332	63083	2.53%	0.417%
34	12.095	3333	3345	3357	rBV3	91004	148355	5.94%	0.980%
35	12.192	3361	3375	3394	rBV	366450	628843	25.18%	4.153%
36	12.861	3573	3583	3600	rVB3	16951	27325	1.09%	0.180%

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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_U\Method\SFAMUTR102822WMA.M
Title : TRACE VOA SFAM1.0

37	16.883	4825	4834	4846	rBV2	51903	77897	3.12%	0.514%
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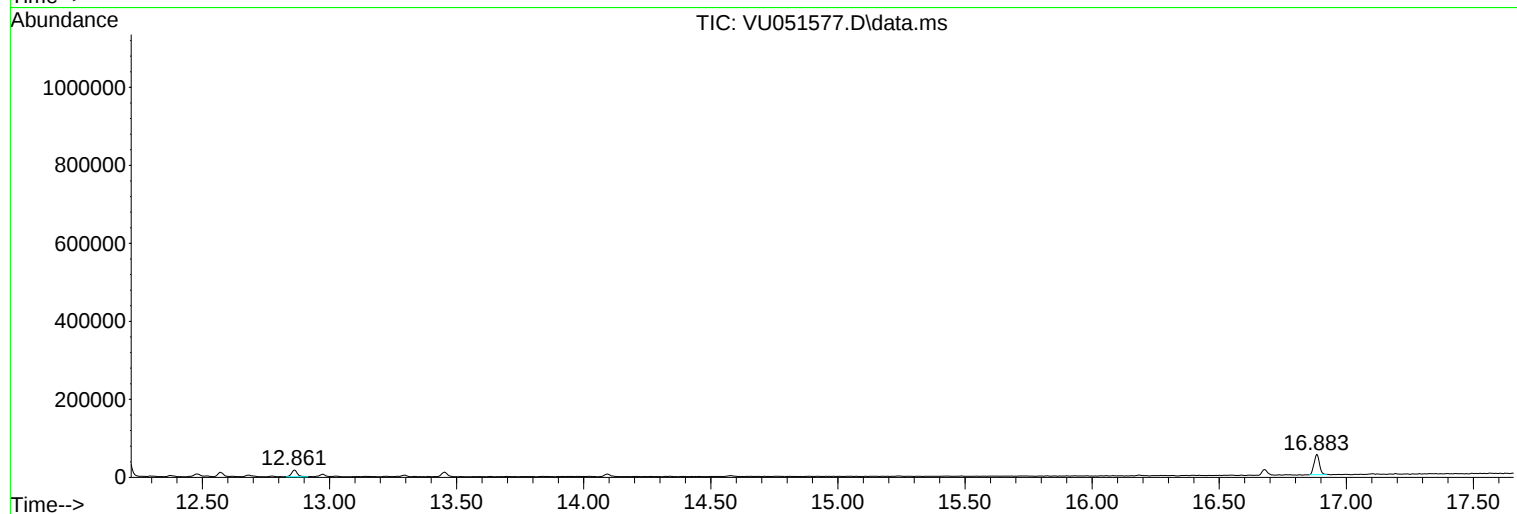
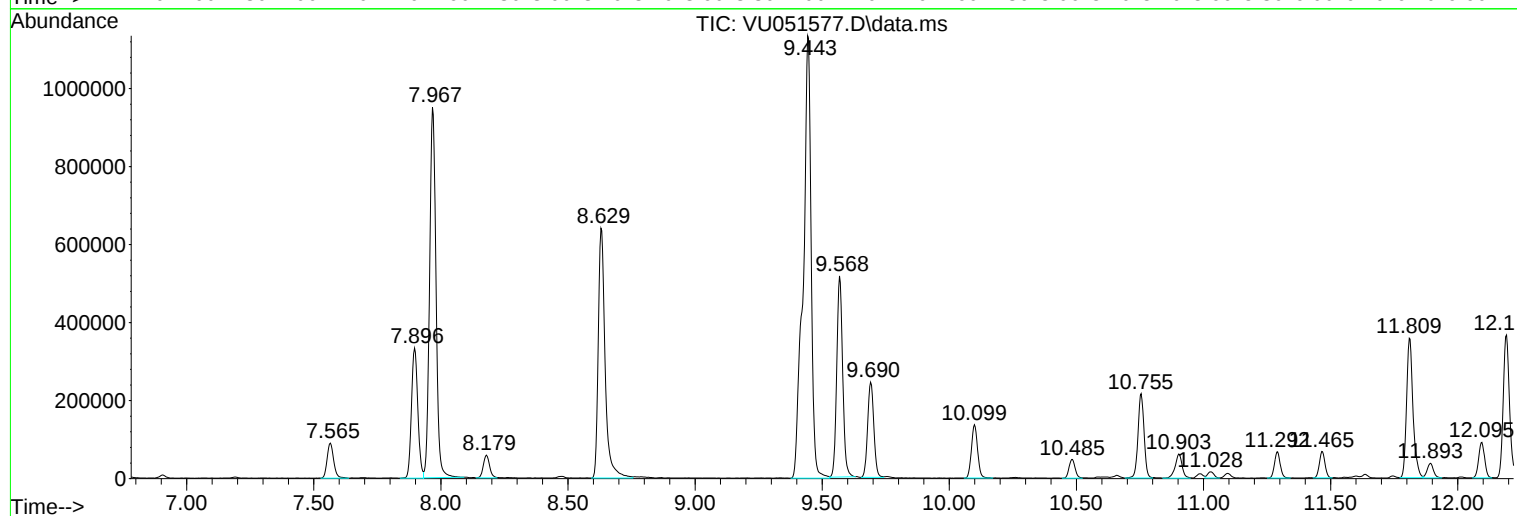
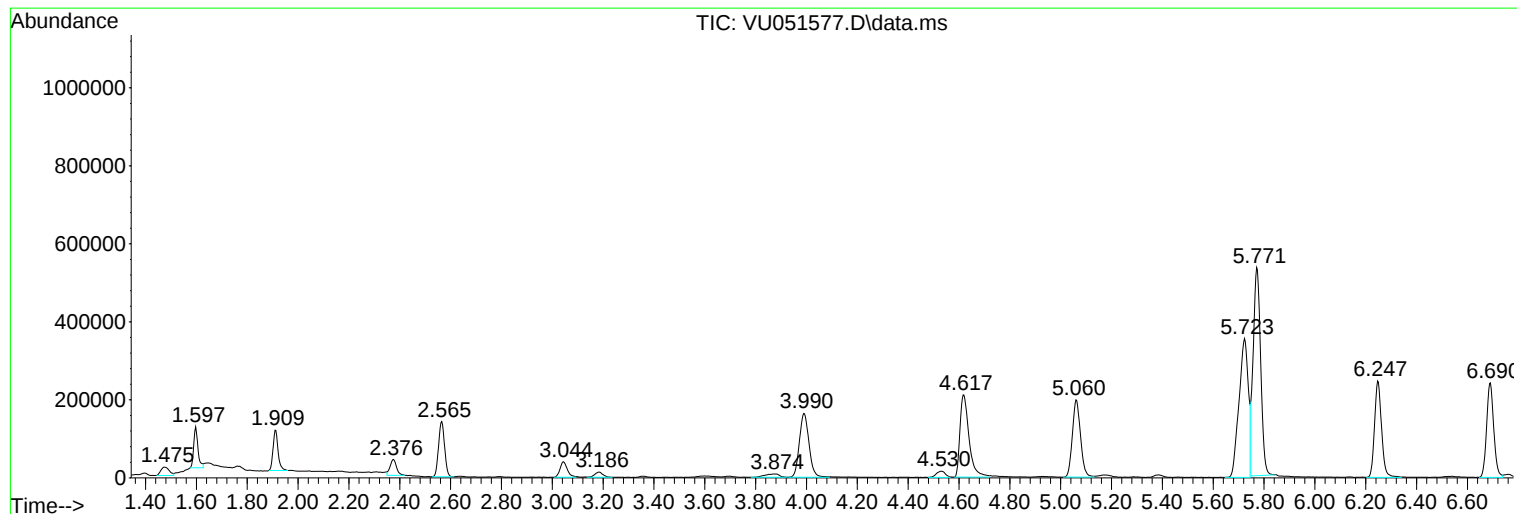
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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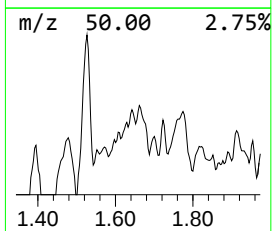
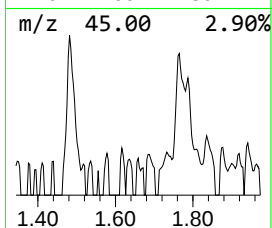
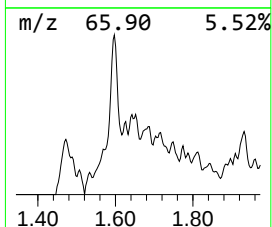
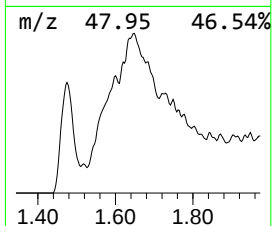
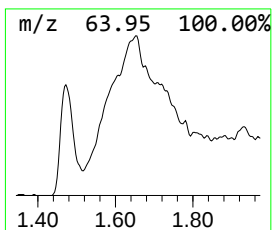
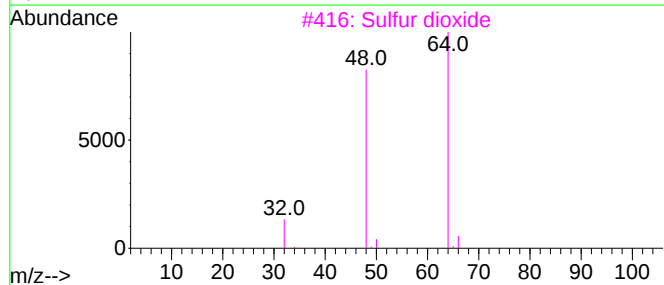
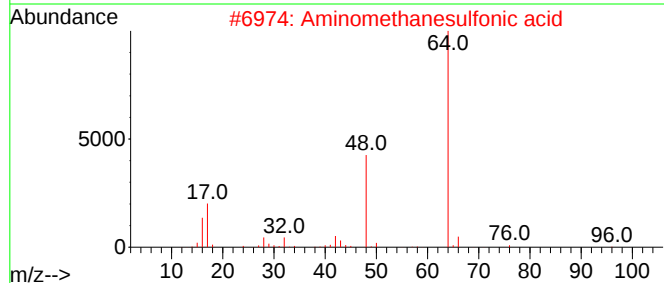
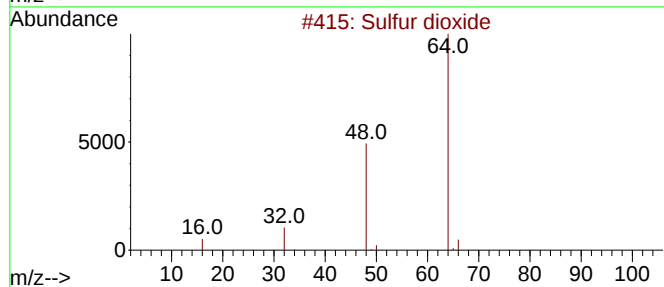
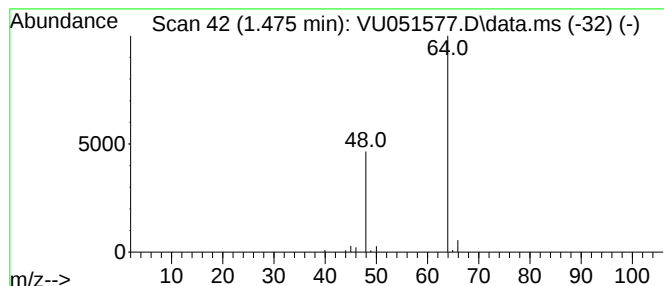
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.475	0.52 ug/L	49664	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	83
2			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3			Sulfur dioxide	64	O2S	007446-09-5	9
4			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9



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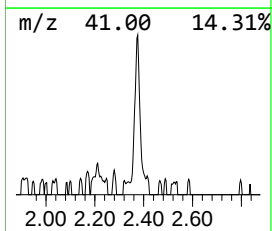
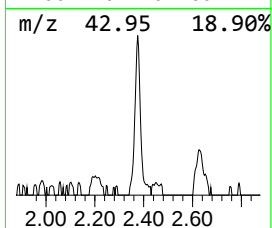
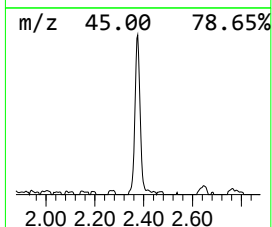
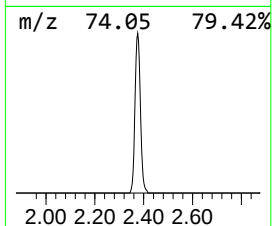
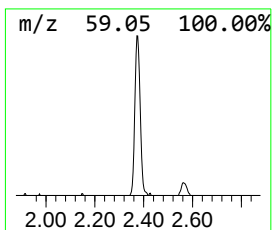
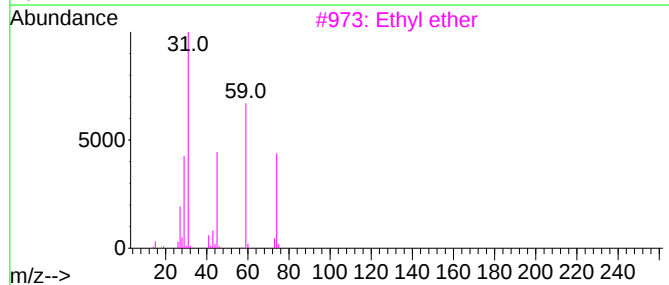
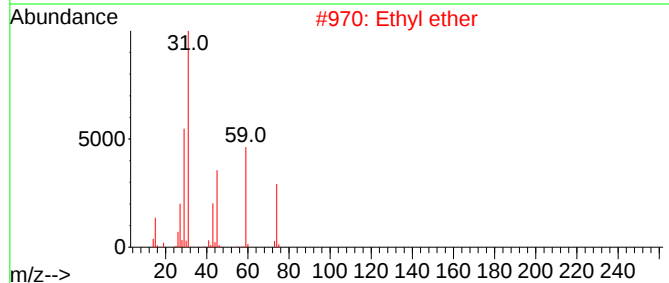
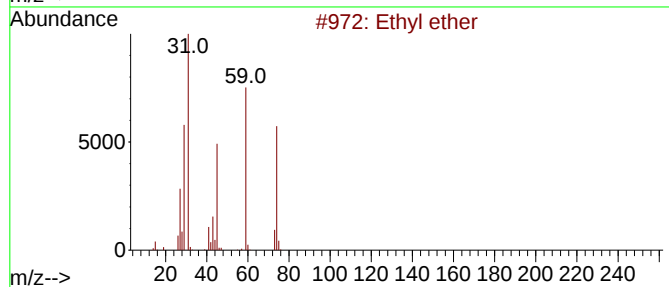
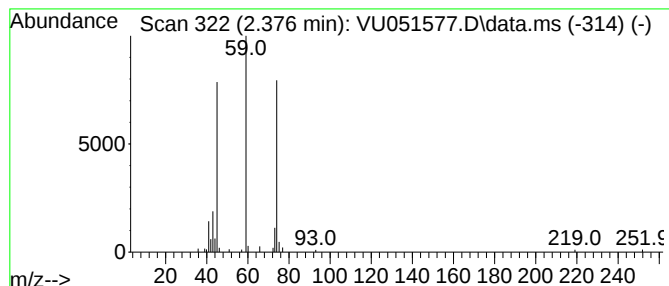
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Ethyl ether Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.376	0.74 ug/L	70733	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ether			74	C4H10O	000060-29-7	91
2	Ethyl ether			74	C4H10O	000060-29-7	90
3	Ethyl ether			74	C4H10O	000060-29-7	90
4	Ethyl ether			74	C4H10O	000060-29-7	53
5	Hydrazine, propyl-			74	C3H10N2	005039-61-2	49



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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BHA80DL

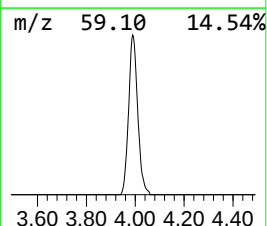
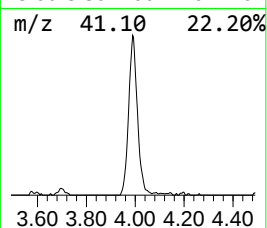
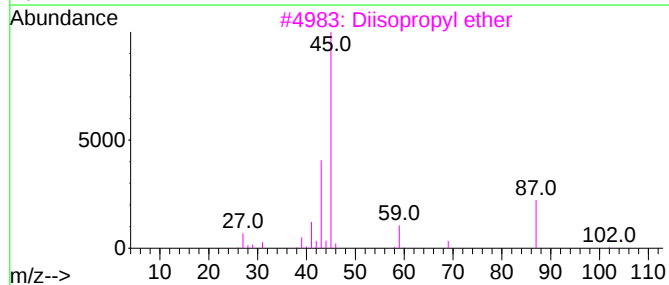
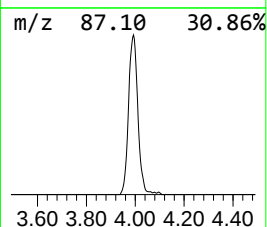
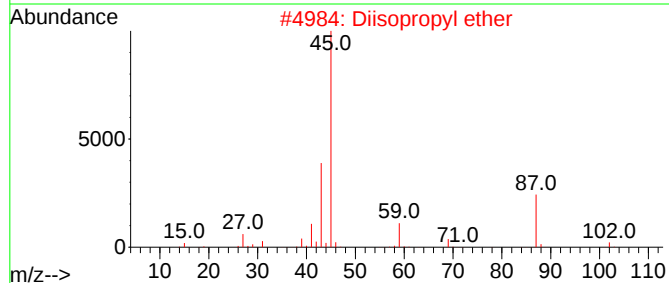
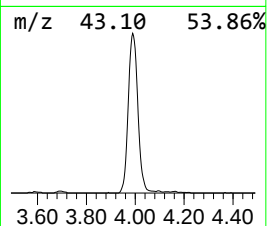
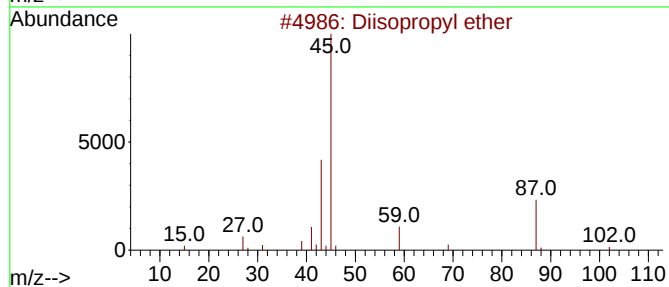
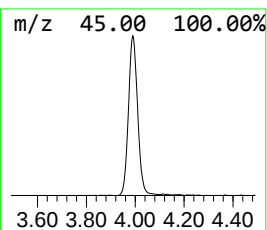
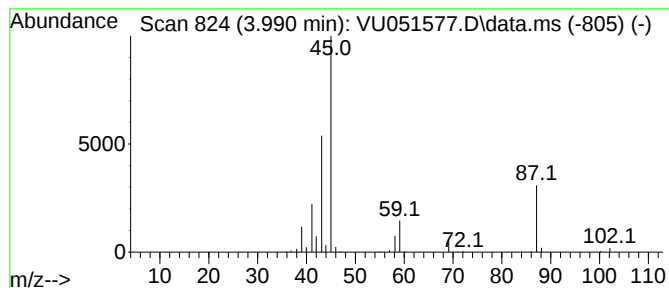
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.990	4.48 ug/L	427475	1,4-Difluorobenzene	6.247

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diisopropyl ether	102	C6H14O	000108-20-3	90
2			Diisopropyl ether	102	C6H14O	000108-20-3	86
3			Diisopropyl ether	102	C6H14O	000108-20-3	78
4			Diisopropyl ether	102	C6H14O	000108-20-3	78
5			1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	72



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ClientSampleId :
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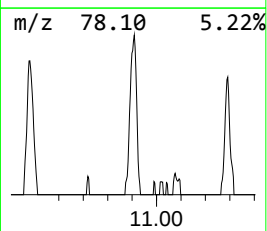
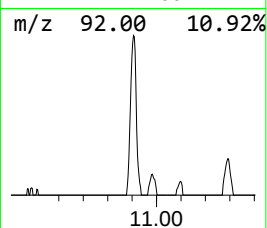
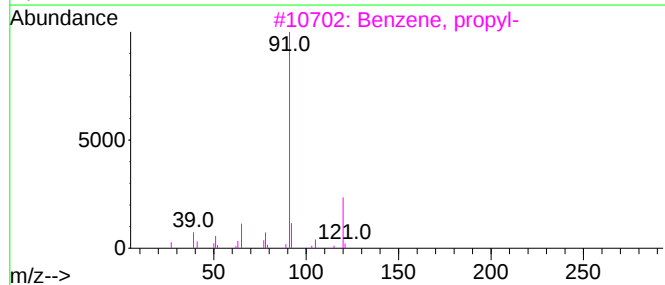
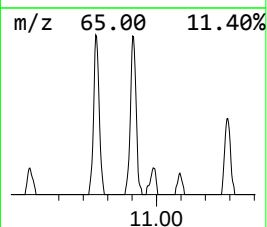
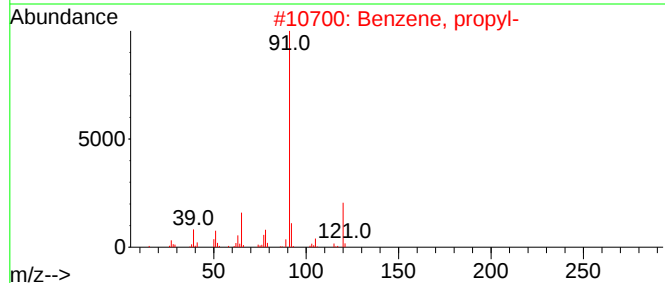
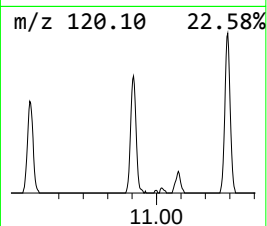
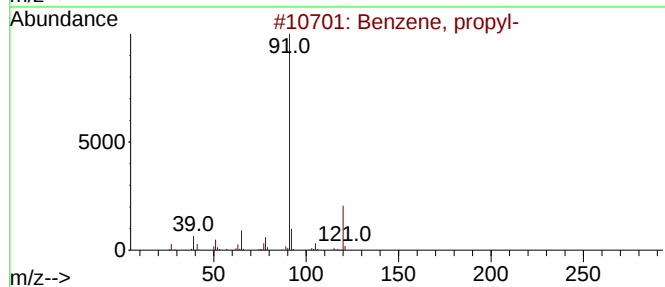
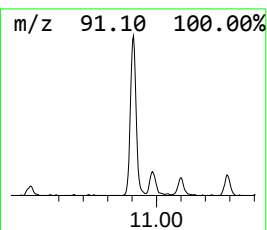
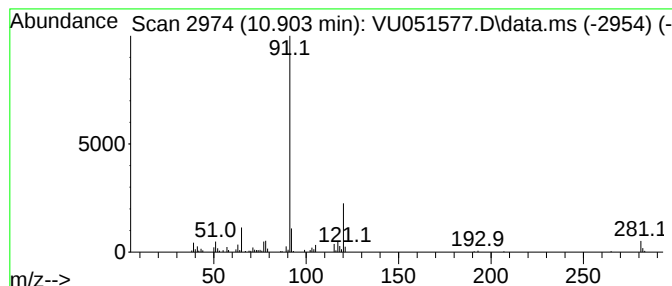
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 Benzene, propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.903	0.95 ug/L	118028	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, propyl-	120	C9H12	000103-65-1	76
2			Benzene, propyl-	120	C9H12	000103-65-1	76
3			Benzene, propyl-	120	C9H12	000103-65-1	76
4			Benzene, propyl-	120	C9H12	000103-65-1	76
5			1-(Benzylamino)propan-2-ol	165	C10H15NO	1000486-84-7	64



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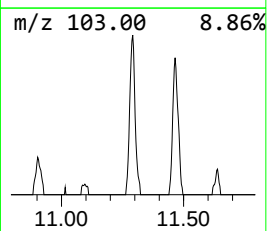
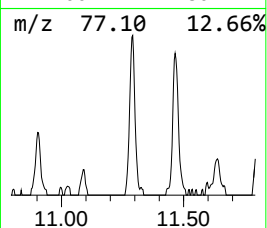
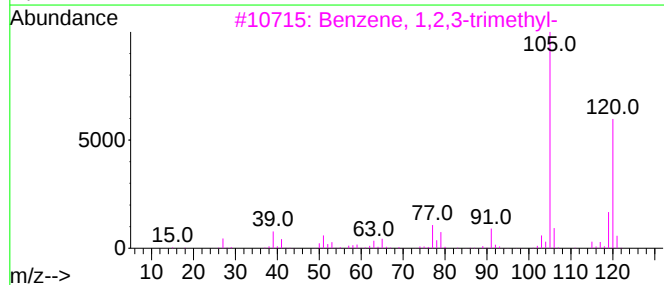
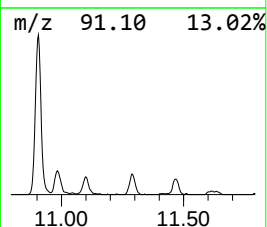
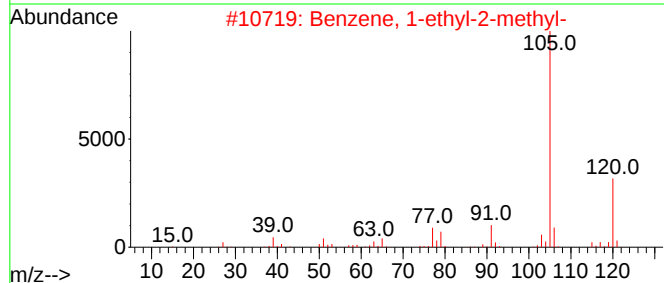
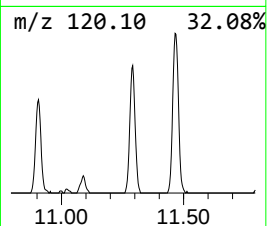
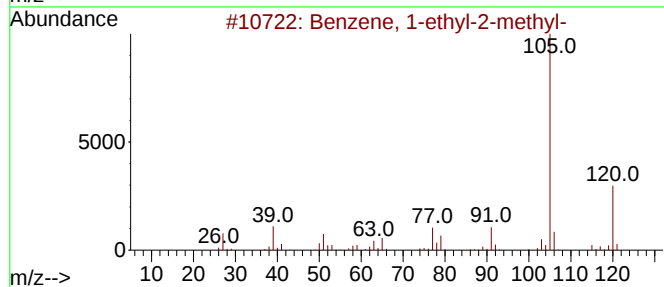
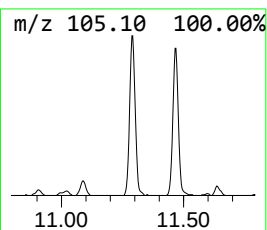
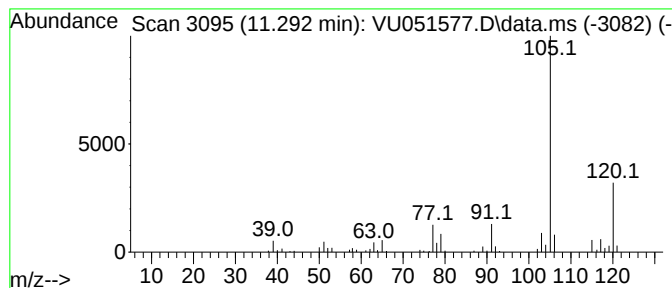
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.292	0.86 ug/L	106888	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
Data File : VU051577.D
Acq On : 28 Oct 2022 19:10
Operator : JC/MD
Sample : N5300-03DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

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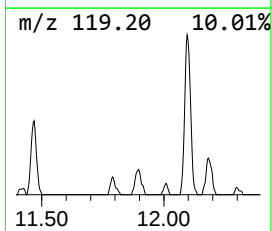
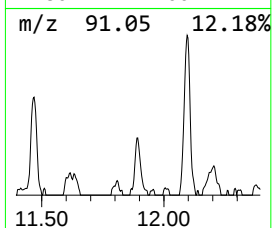
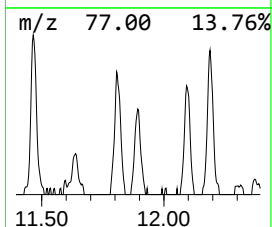
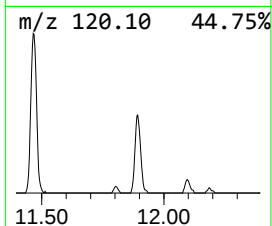
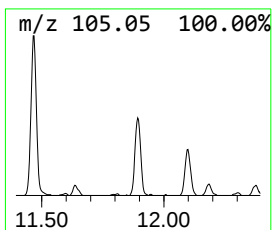
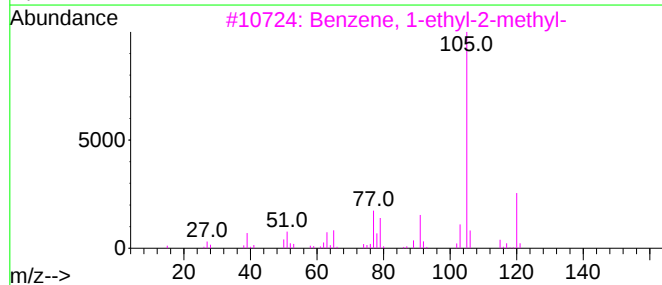
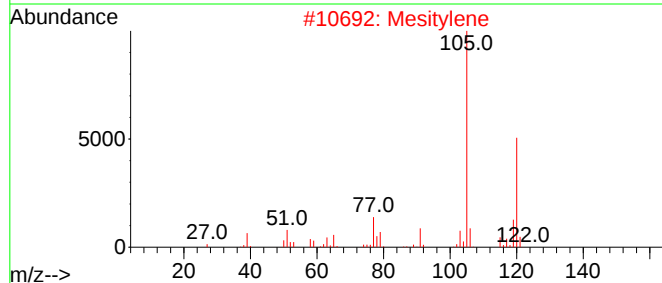
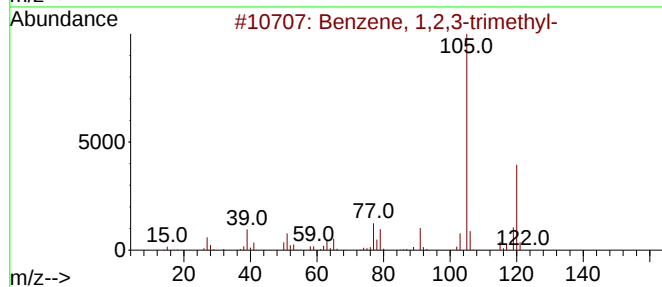
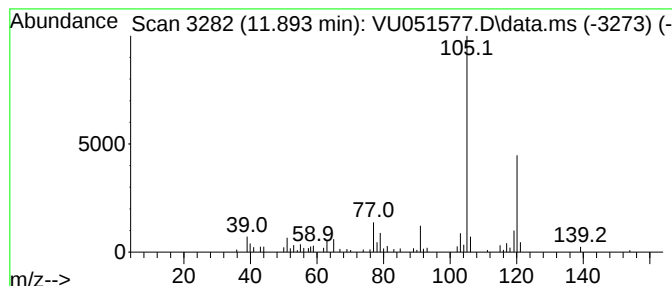
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.893	0.51 ug/L	63083	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2			Mesitylene	120	C9H12	000108-67-8	95
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
Data File : VU051577.D
Acq On : 28 Oct 2022 19:10
Operator : JC/MD
Sample : N5300-03DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA80DL

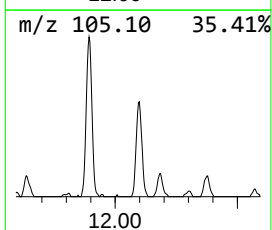
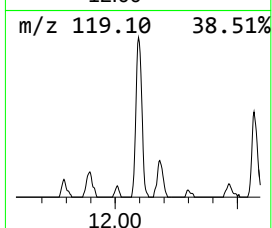
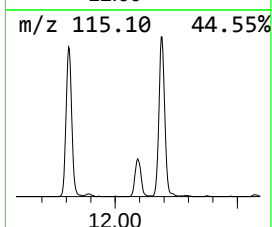
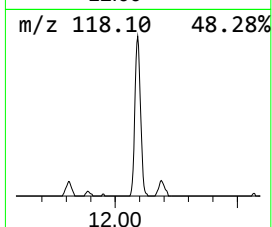
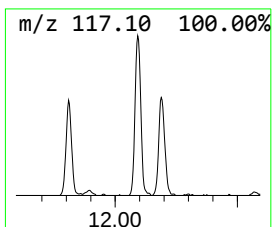
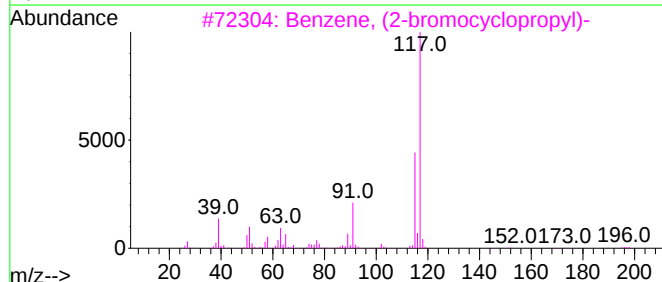
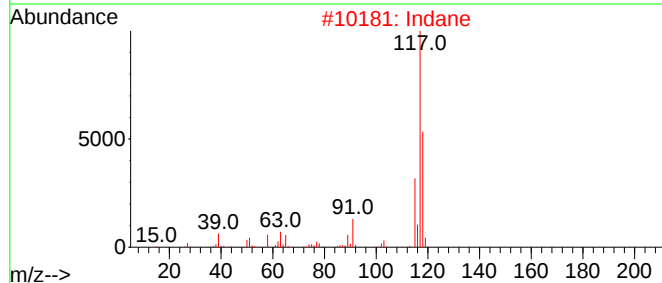
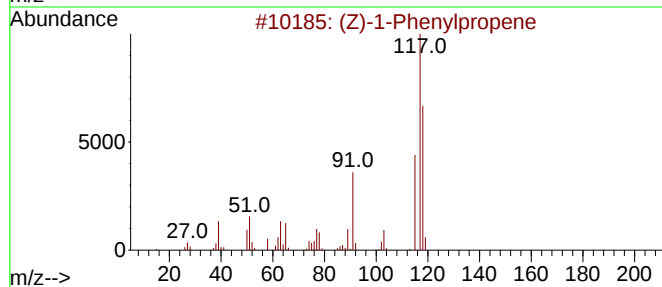
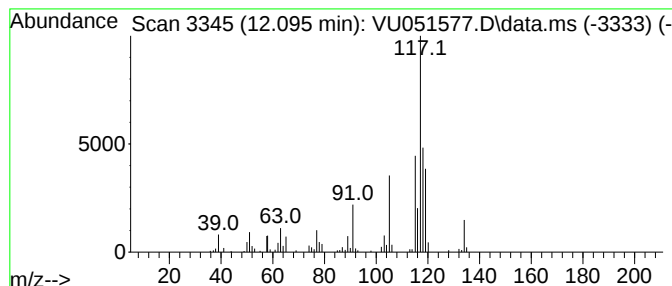
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 (Z)-1-Phenylpropene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	1.19 ug/L	148355	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(Z)-1-Phenylpropene	118	C9H10	000766-90-5	50
2			Indane	118	C9H10	000496-11-7	45
3			Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	43
4			Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	38
5			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
Data File : VU051577.D
Acq On : 28 Oct 2022 19:10
Operator : JC/MD
Sample : N5300-03DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA80DL

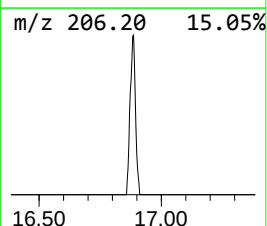
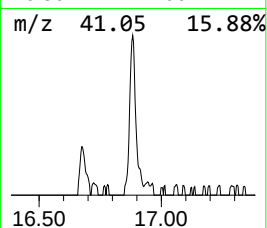
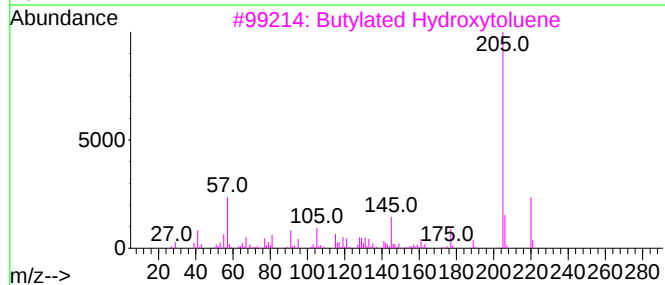
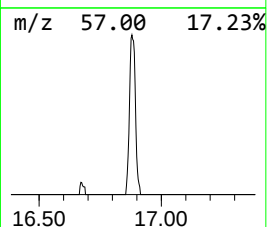
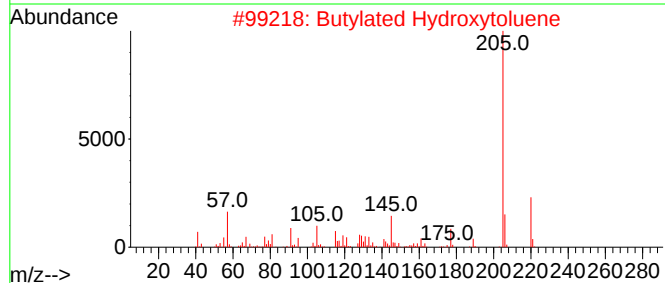
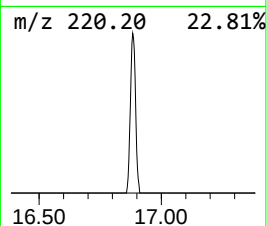
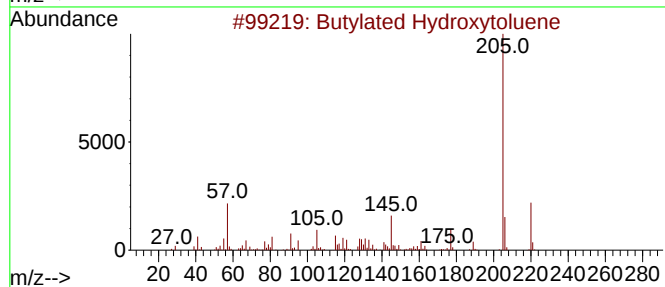
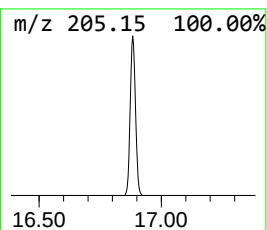
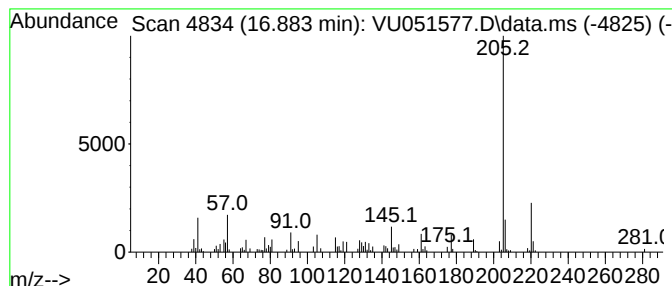
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 Butylated Hydroxytoluene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.883	0.63 ug/L	77897	1,4-Dichlorobenzene-d4	11.812

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	98
2			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	98
3			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	98
4			Ethyl 4-oxo-2-phenylpentanoate	220	C13H16O3	1000427-11-2	96
5			Butylated Hydroxytoluene	220	C15H24O	000128-37-0	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
Data File : VU051577.D
Acq On : 28 Oct 2022 19:10
Operator : JC/MD
Sample : N5300-03DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHA80DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.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
Sulfur dioxide	1.475	0.5	ug/L	49664	1	6.247	476995	5.0
Ethyl ether	2.376	0.7	ug/L	70733	1	6.247	476995	5.0
Diisopropyl ether	3.990	4.5	ug/L	427475	1	6.247	476995	5.0
Benzene, propyl-	10.903	0.9	ug/L	118028	3	11.812	622065	5.0
Benzene, 1-ethy...	11.292	0.9	ug/L	106888	3	11.812	622065	5.0
Benzene, 1,2,3-...	11.893	0.5	ug/L	63083	3	11.812	622065	5.0
(Z)-1-Phenylpro...	12.095	1.2	ug/L	148355	3	11.812	622065	5.0
Butylated Hydro...	16.883	0.6	ug/L	77897	3	11.812	622065	5.0