

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081322\
 Data File : VV027370.D
 Acq On : 13 Aug 2022 15:56
 Operator : SY/MD
 Sample : N4115-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5D51

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\SFAMVTR081122WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV027370.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.146	28	33	42	rVB	19228	21914	2.32%	0.338%
2	1.301	75	81	92	rVB	73096	78951	8.36%	1.217%
3	1.368	93	102	132	rBV	71601	218117	23.09%	3.362%
4	1.561	156	162	172	rVB	68295	76178	8.07%	1.174%
5	2.101	320	330	343	rVB	126376	186412	19.74%	2.873%
6	2.233	365	371	380	rVB	6781	9525	1.01%	0.147%
7	3.889	874	886	919	rBV3	121896	428634	45.38%	6.607%
8	4.342	1011	1027	1053	rBV	122043	314956	33.35%	4.854%
9	5.040	1229	1244	1266	rBV2	239826	611931	64.79%	9.432%
10	5.140	1270	1275	1291	rVB5	10031	23906	2.53%	0.368%
11	5.612	1409	1422	1441	rBV2	178168	370176	39.19%	5.706%
12	5.918	1506	1517	1533	rBV8	13854	31700	3.36%	0.489%
13	6.066	1550	1563	1580	rBV	160412	333328	35.29%	5.138%
14	6.985	1837	1849	1864	rBV	57797	111889	11.85%	1.725%
15	7.313	1940	1951	1977	rBV	231172	425124	45.01%	6.552%
16	7.622	2037	2047	2066	rBV	34612	68584	7.26%	1.057%
17	8.088	2181	2192	2232	rBV	475824	944504	100.00%	14.558%
18	8.850	2418	2429	2448	rBV	289355	491640	52.05%	7.578%
19	10.214	2842	2853	2875	rBV	149593	242767	25.70%	3.742%
20	10.451	2916	2927	2944	rBV3	14757	33695	3.57%	0.519%
21	10.538	2946	2954	2964	rVB2	14426	22821	2.42%	0.352%
22	10.738	3007	3016	3026	rBV2	14229	22017	2.33%	0.339%
23	10.918	3062	3072	3084	rBV3	17062	27457	2.91%	0.423%
24	11.246	3164	3174	3193	rVV	275941	429138	45.44%	6.614%
25	11.336	3193	3202	3212	rVB2	36432	55964	5.93%	0.863%
26	11.538	3247	3265	3271	rBV5	13385	28928	3.06%	0.446%
27	11.574	3271	3276	3281	rVV2	13711	20076	2.13%	0.309%
28	11.622	3281	3291	3311	rVB	301638	506772	53.65%	7.811%
29	11.821	3342	3353	3361	rBV2	9431	15428	1.63%	0.238%
30	11.918	3373	3383	3386	rBV4	6960	11684	1.24%	0.180%
31	11.937	3386	3389	3399	rVB3	9060	12566	1.33%	0.194%
32	12.017	3404	3414	3420	rBV	19653	29092	3.08%	0.448%
33	12.117	3434	3445	3451	rBV4	12619	20386	2.16%	0.314%
34	12.316	3496	3507	3519	rVB5	9854	17067	1.81%	0.263%
35	12.413	3530	3537	3546	rVB2	11203	16563	1.75%	0.255%
36	12.467	3546	3554	3567	rVB2	19092	30715	3.25%	0.473%

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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

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37	12.725	3628	3634	3646	rVB7	9222	14132	1.50%	0.218%
38	12.879	3673	3682	3698	rVB3	29796	48208	5.10%	0.743%
39	13.043	3723	3733	3748	rVB	34561	57395	6.08%	0.885%
40	13.271	3795	3804	3811	rBV10	7294	12447	1.32%	0.192%
41	13.612	3902	3910	3922	rVB6	9376	15375	1.63%	0.237%
42	13.705	3930	3939	3950	rBV3	8602	15459	1.64%	0.238%
43	14.104	4053	4063	4076	rVB7	12697	21703	2.30%	0.335%
44	14.432	4156	4165	4174	rVB6	7212	12696	1.34%	0.196%

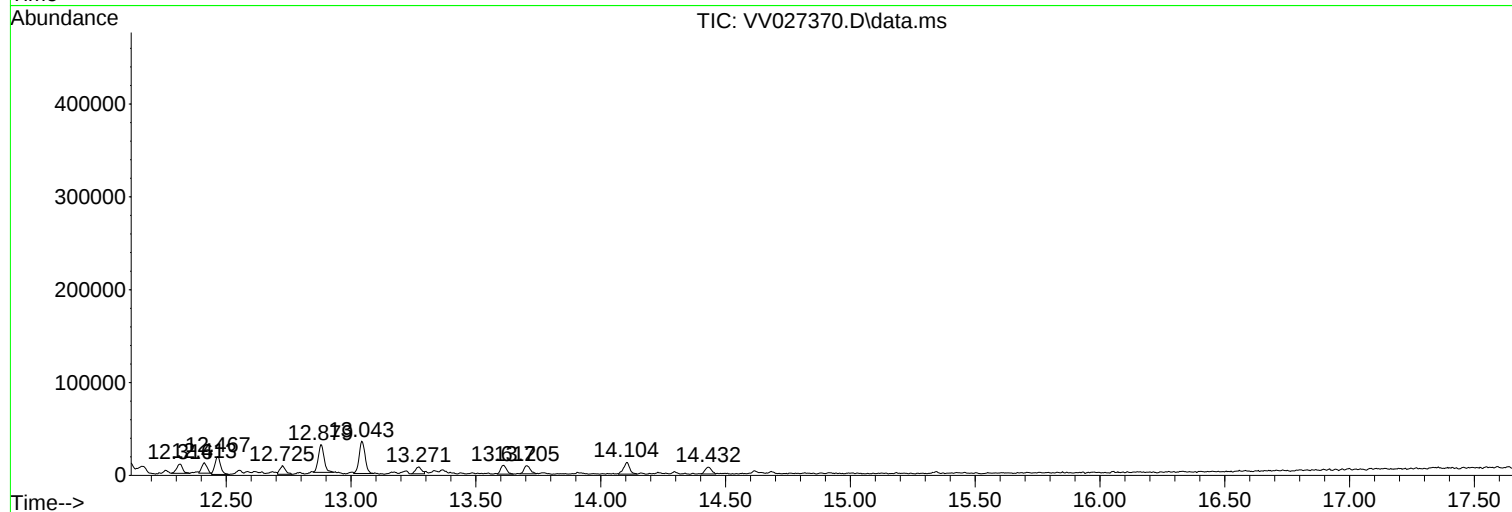
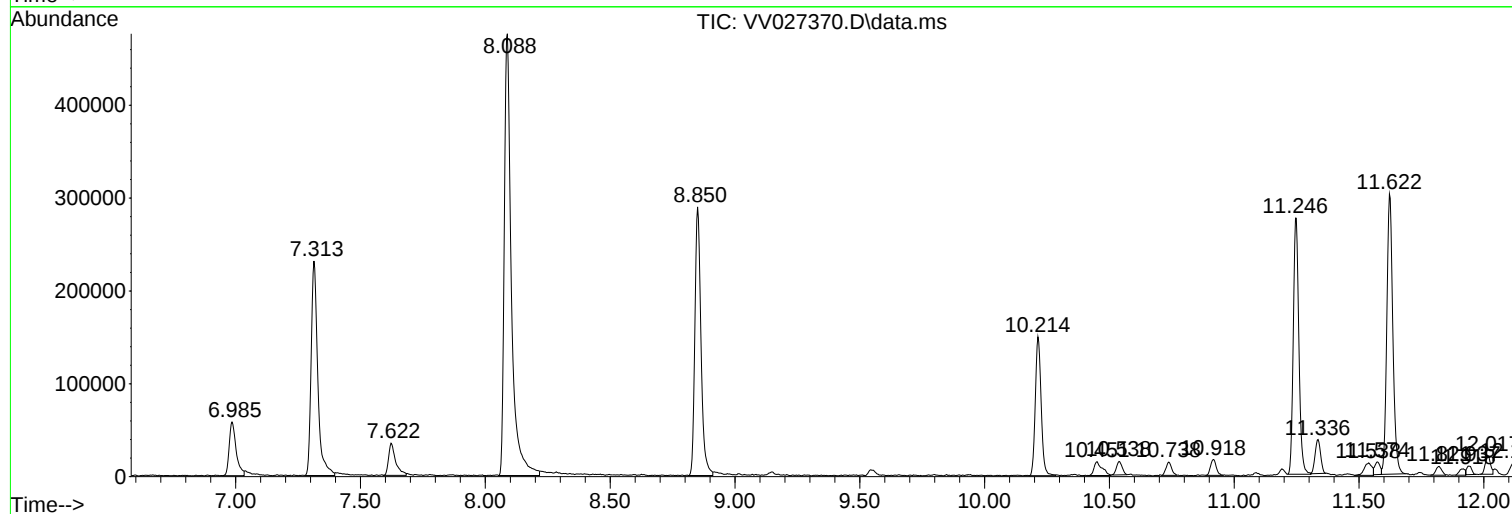
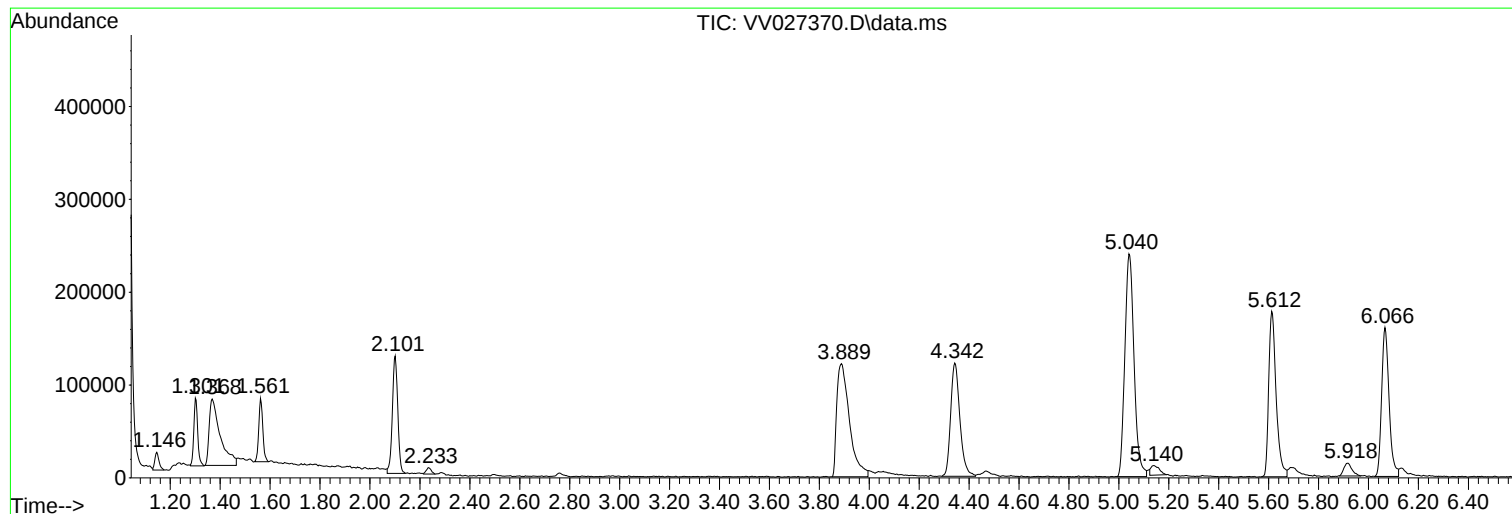
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Quant Title : TRACE VOA SFAM1.0

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



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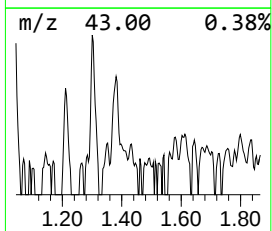
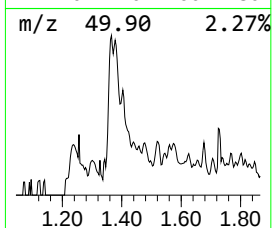
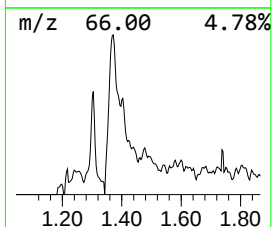
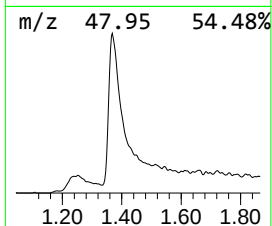
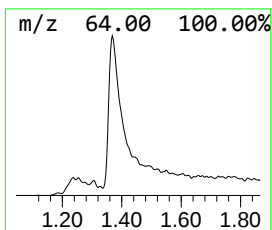
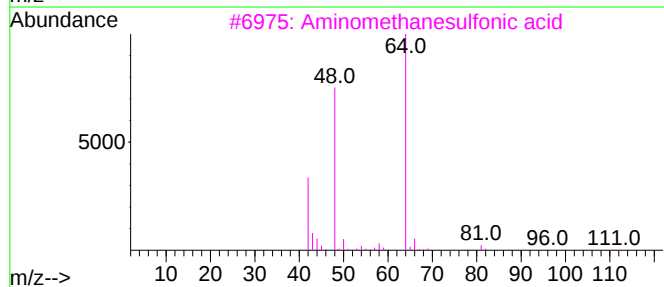
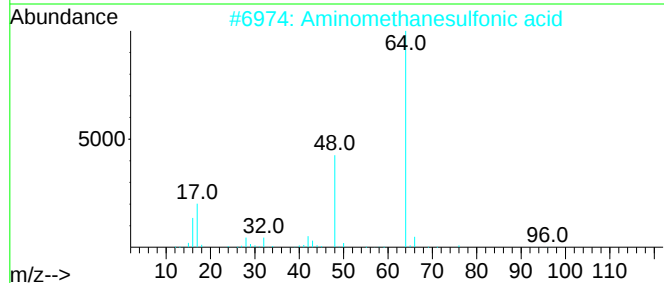
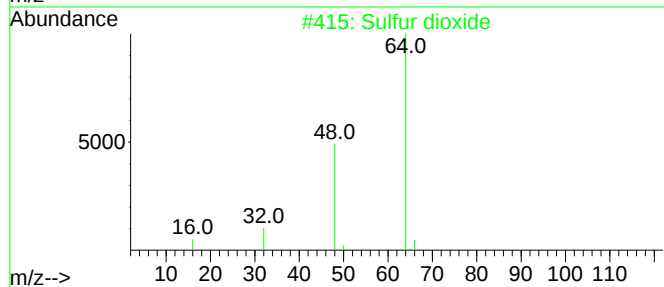
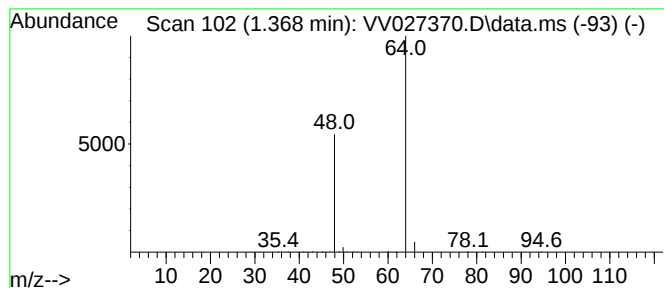
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.368	2.95 ug/L	218117	1,4-Difluorobenzene	5.612

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	90
2			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
3			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4			2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	9
5			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9



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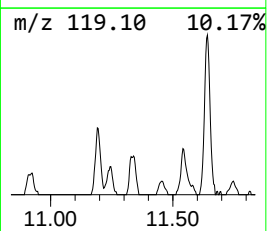
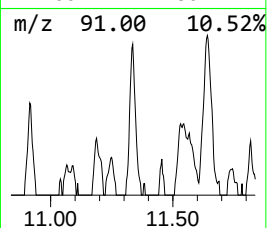
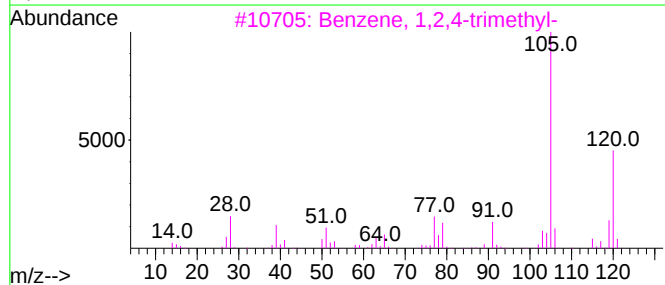
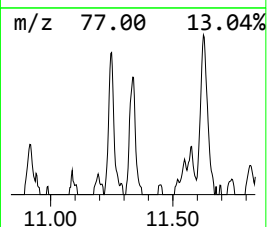
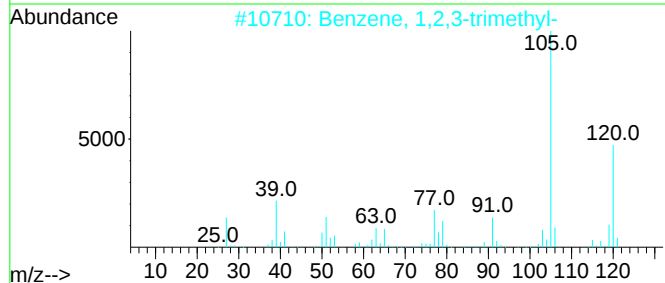
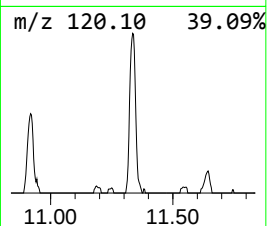
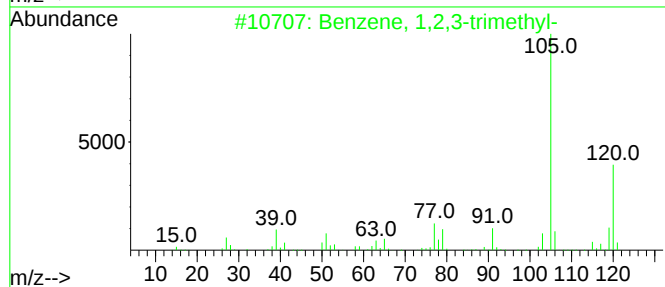
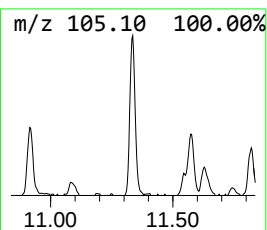
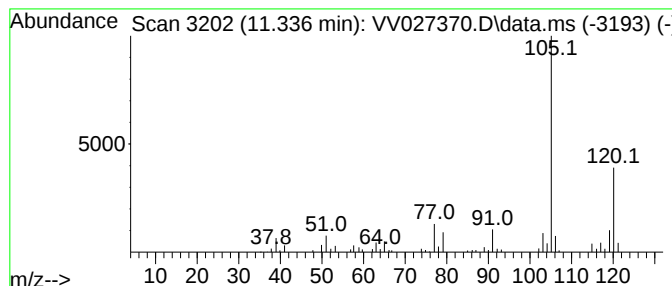
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.336	0.65 ug/L	55964	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4			Mesitylene	120	C9H12	000108-67-8	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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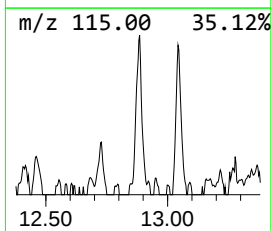
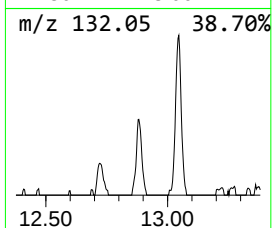
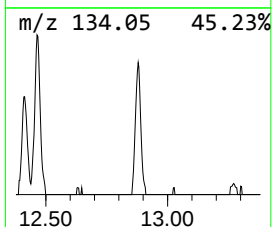
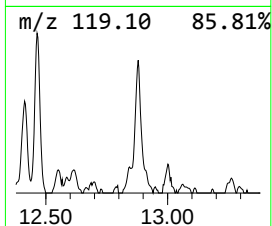
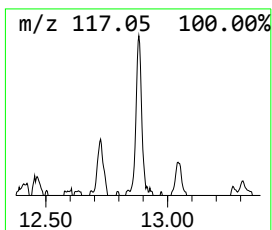
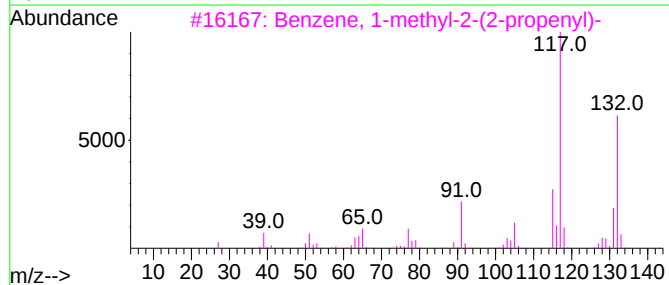
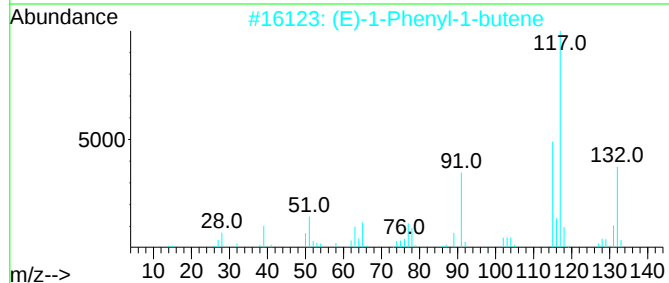
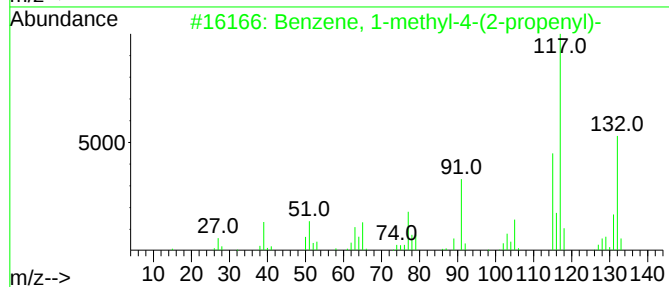
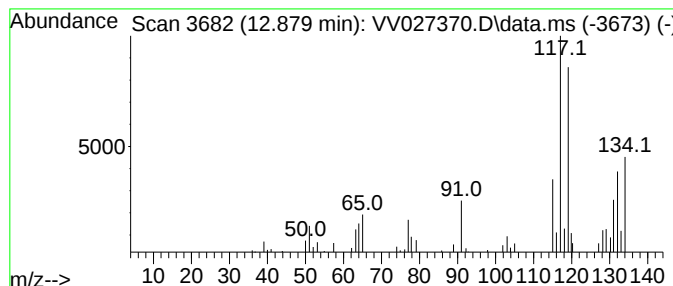
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.879	0.56 ug/L	48208	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	46
2			(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	46
3			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	46
4			Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	46
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	46



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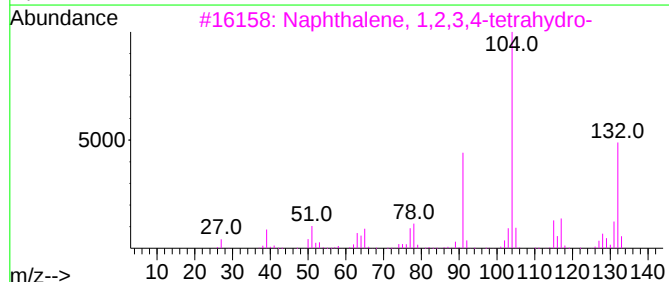
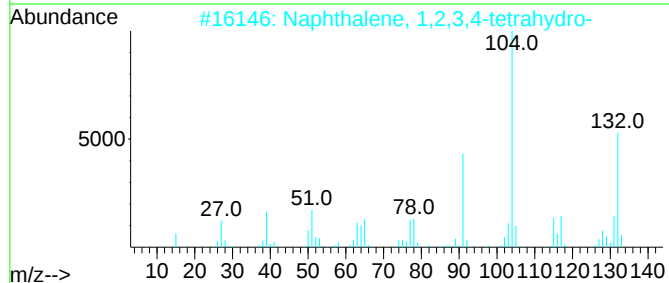
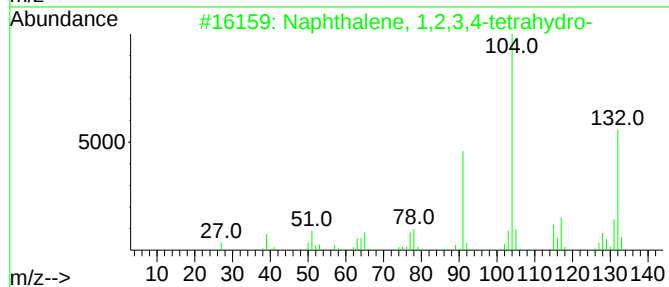
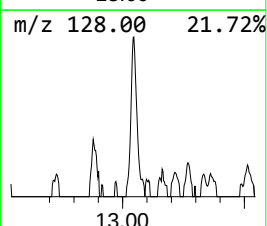
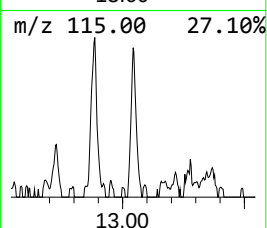
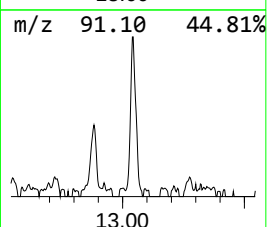
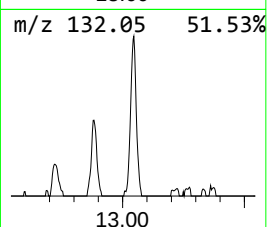
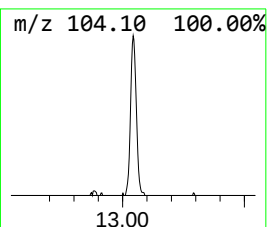
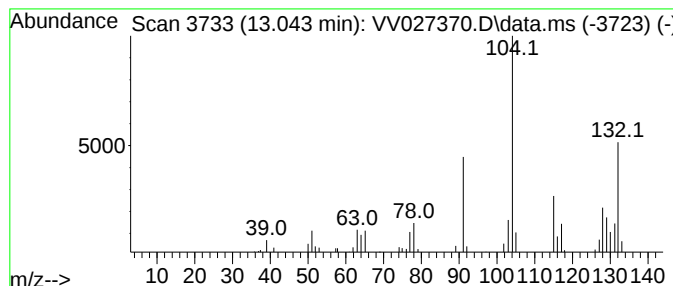
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 Naphthalene, 1,2,3,4-tetrahydro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.043	0.67 ug/L	57395	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
2			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
3			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
4			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
5			Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93



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Quant Title : TRACE VOA SFAM1.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.368	3.0	ug/L	218117	1	5.612	370176	5.0
Benzene, 1,2,3-...	11.336	0.7	ug/L	55964	3	11.249	429138	5.0
unknown-01	12.879	0.6	ug/L	48208	3	11.249	429138	5.0
Naphthalene, 1,...	13.043	0.7	ug/L	57395	3	11.249	429138	5.0