

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112322\
 Data File : VV029321.D
 Acq On : 24 Nov 2022 02:22
 Operator : SY/MD
 Sample : N5725-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB69

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\SFAMVTR112322WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV029321.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.304	76	82	103	rVB	145470	152508	16.25%	1.603%
2	1.565	156	163	176	rVB	105424	119581	12.74%	1.257%
3	2.105	320	331	345	rBV	209949	303256	32.31%	3.188%
4	3.896	876	888	925	rBV2	62813	266207	28.37%	2.799%
5	4.339	1007	1026	1067	rBV	147027	388163	41.36%	4.081%
6	5.040	1226	1244	1281	rBV2	352257	902705	96.19%	9.490%
7	5.609	1408	1421	1454	rBV	309122	639582	68.15%	6.724%
8	5.908	1502	1514	1525	rBV9	5910	13808	1.47%	0.145%
9	6.063	1548	1562	1589	rBV	193380	404958	43.15%	4.257%
10	6.979	1834	1847	1876	rBV	104310	195679	20.85%	2.057%
11	7.307	1937	1949	1967	rBV	466470	828121	88.24%	8.706%
12	7.616	2029	2045	2065	rBV	58497	106549	11.35%	1.120%
13	8.085	2179	2191	2226	rBV2	354513	735808	78.40%	7.736%
14	8.236	2229	2238	2249	rVV2	20414	39849	4.25%	0.419%
15	8.301	2253	2258	2275	rVB4	5233	10540	1.12%	0.111%
16	8.844	2414	2427	2459	rBV	440747	730526	77.84%	7.680%
17	9.133	2505	2517	2526	rBV3	5708	9760	1.04%	0.103%
18	9.545	2634	2645	2656	rBV2	16066	27978	2.98%	0.294%
19	9.805	2718	2726	2740	rVB4	6689	10015	1.07%	0.105%
20	10.207	2838	2851	2866	rBV	131544	206714	22.03%	2.173%
21	11.140	3132	3141	3154	rBV2	13111	20673	2.20%	0.217%
22	11.239	3158	3172	3192	rBV	485426	757370	80.70%	7.962%
23	11.519	3249	3259	3262	rBV2	9888	13873	1.48%	0.146%
24	11.612	3276	3288	3307	rBV	458205	714701	76.16%	7.514%
25	11.735	3316	3326	3339	rBV	73916	119161	12.70%	1.253%
26	12.101	3430	3440	3457	rVB2	9374	15308	1.63%	0.161%
27	12.336	3501	3513	3527	rBV2	70476	144884	15.44%	1.523%
28	12.455	3539	3550	3560	rBV2	85520	156996	16.73%	1.650%
29	12.870	3672	3679	3688	rVB6	6803	10277	1.10%	0.108%
30	13.034	3722	3730	3742	rVB7	7456	12141	1.29%	0.128%
31	13.423	3841	3851	3859	rBV6	9539	14609	1.56%	0.154%
32	13.490	3862	3872	3881	rBV2	25216	48494	5.17%	0.510%
33	13.609	3889	3909	3931	rVB	515861	938477	100.00%	9.866%
34	14.278	4108	4117	4128	rBV	20739	32058	3.42%	0.337%
35	14.564	4194	4206	4216	rBV2	48515	81997	8.74%	0.862%
36	14.799	4267	4279	4296	rVB2	123254	237548	25.31%	2.497%

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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\SFAMVTR112322WMA.M
Title : TRACE VOA SFAM1.0

37	15.345	4440	4449	4464	rBV2	36011	59627	6.35%	0.627%
38	15.503	4490	4498	4505	rBV5	8142	12235	1.30%	0.129%
39	16.468	4791	4798	4814	rVB3	18270	29325	3.12%	0.308%

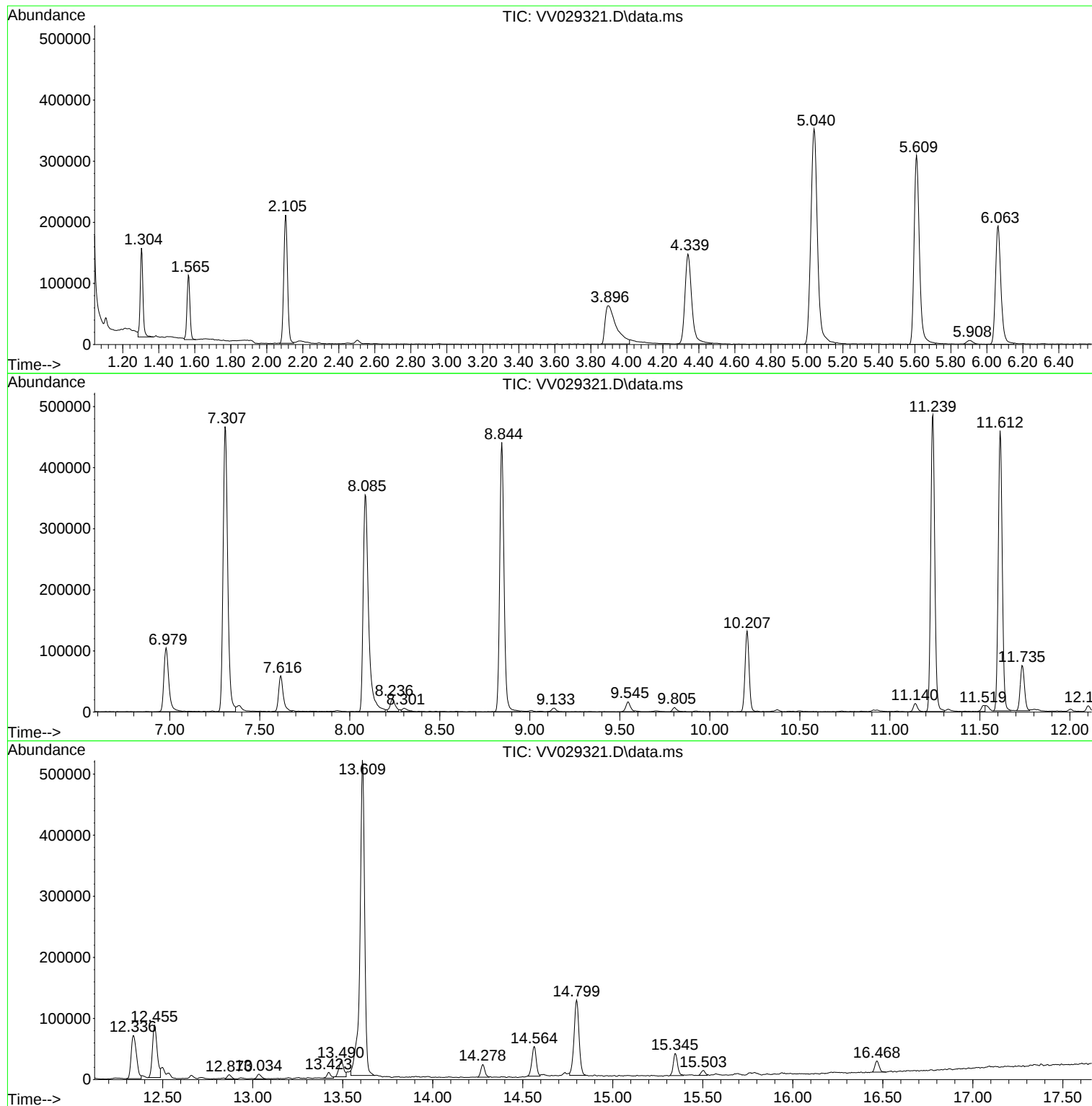
Sum of corrected areas: 9512061

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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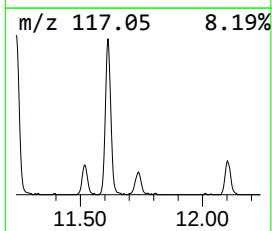
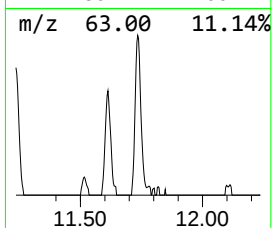
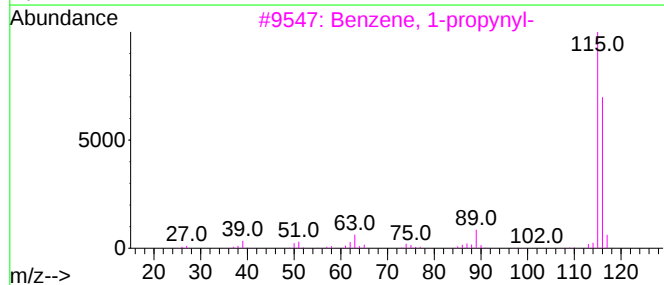
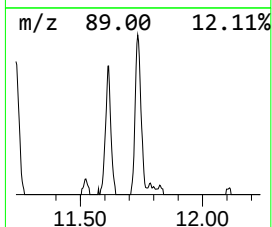
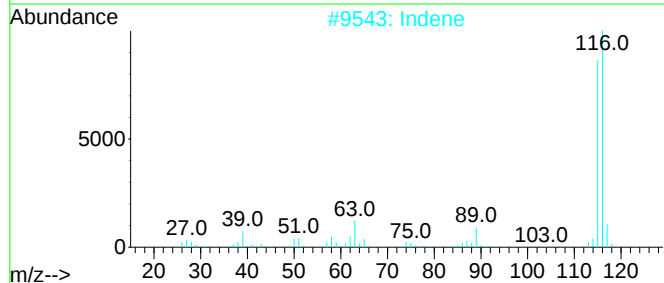
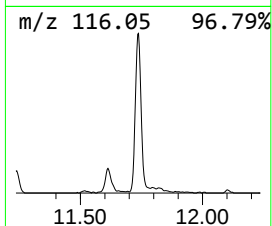
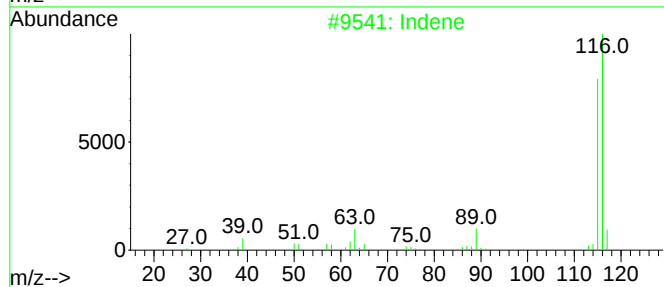
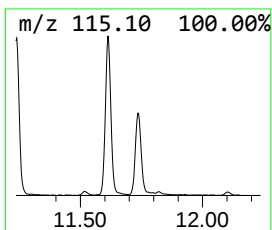
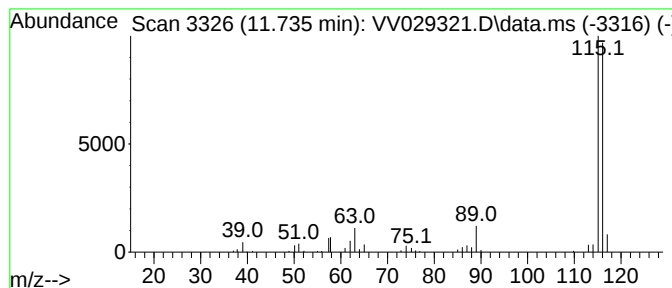
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 Indene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.735	0.79 ug/L	119161	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indene	116	C9H8	000095-13-6	97
2			Indene	116	C9H8	000095-13-6	95
3			Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4			Indene	116	C9H8	000095-13-6	94
5			3-Methylphenylacetylene	116	C9H8	000766-82-5	91



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ClientSampleId :
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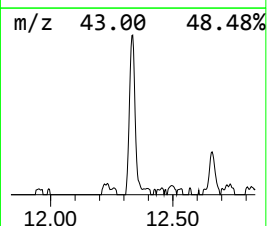
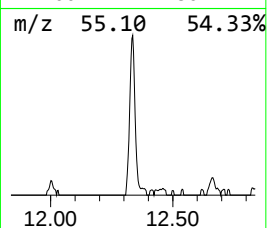
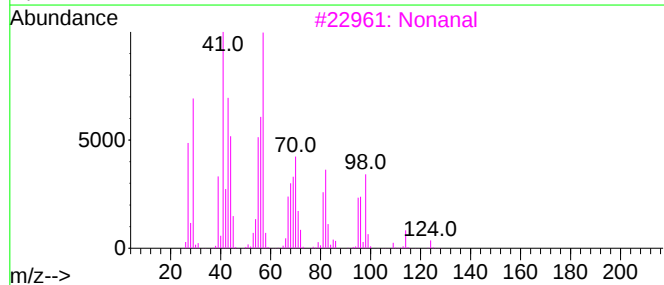
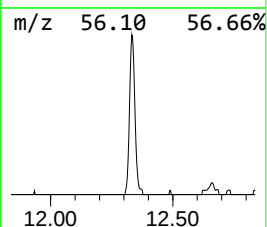
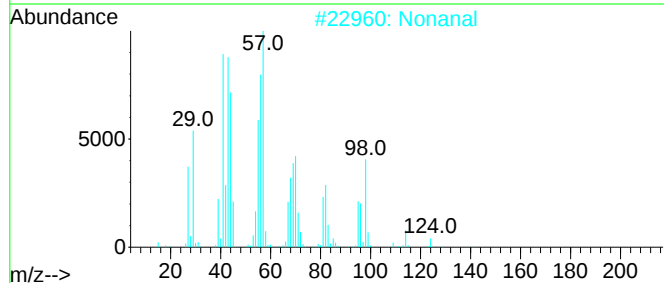
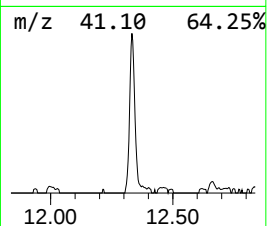
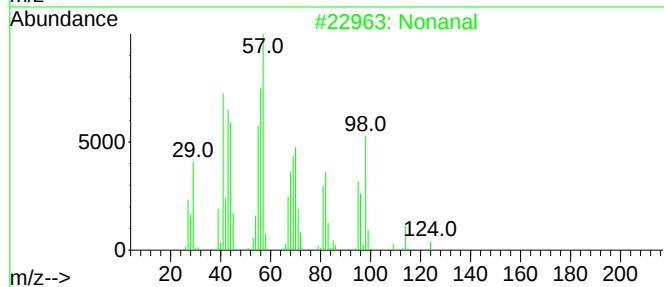
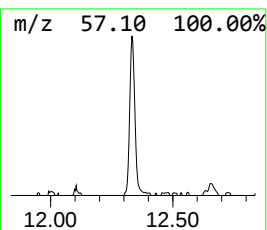
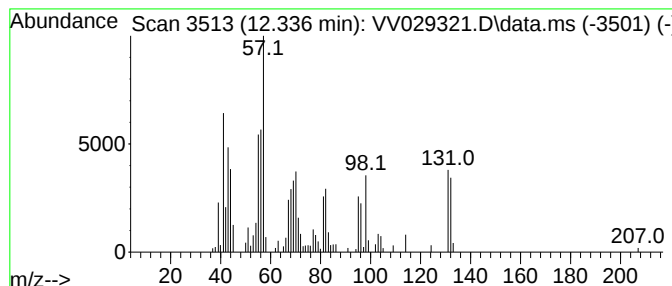
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 Nonanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.336	0.96 ug/L	144884	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	74
2	Nonanal	142	C9H18O	000124-19-6	64
3	Nonanal	142	C9H18O	000124-19-6	59
4	Nonanal	142	C9H18O	000124-19-6	58
5	Heptane, 4-chloro-	134	C7H15Cl	000998-95-8	22



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ALS Vial : 27 Sample Multiplier: 1

Instrument :
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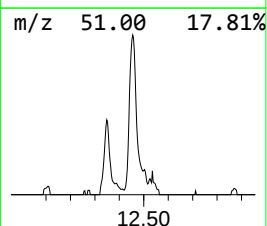
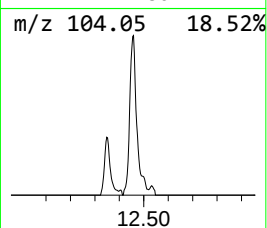
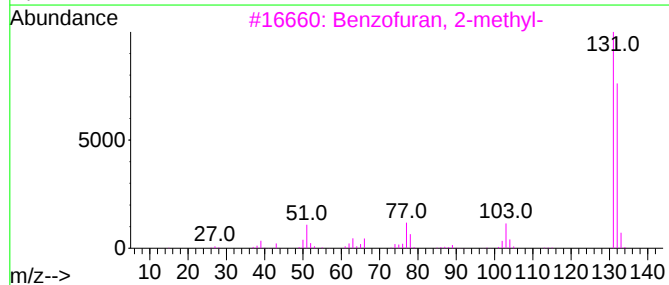
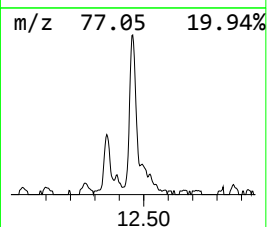
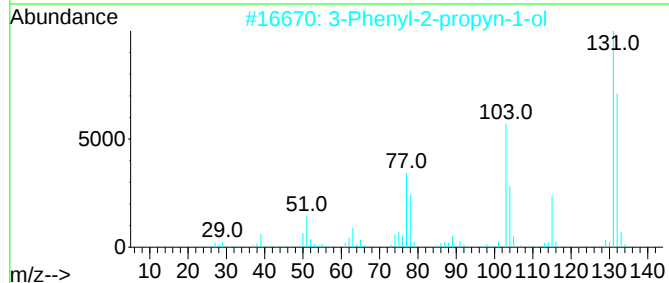
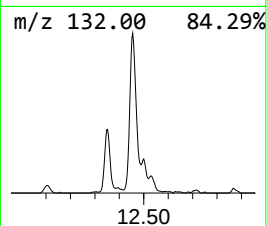
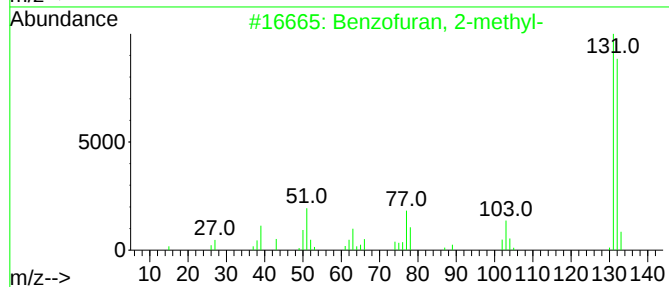
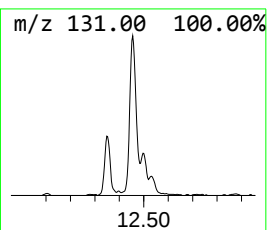
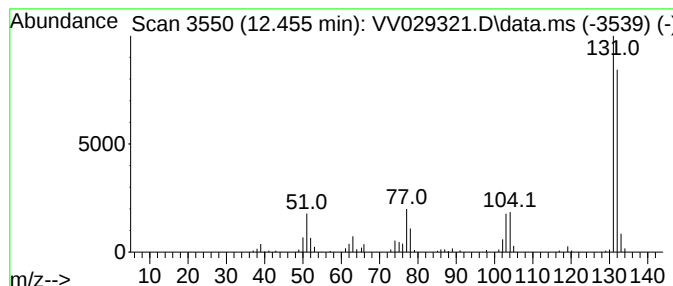
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 Benzofuran, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.455	1.04 ug/L	156996	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
2			3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
3			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5			Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	90



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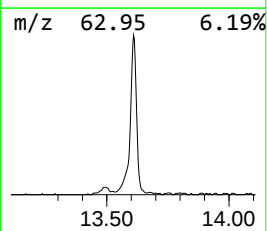
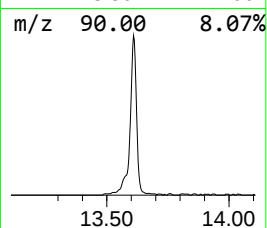
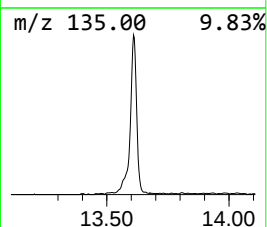
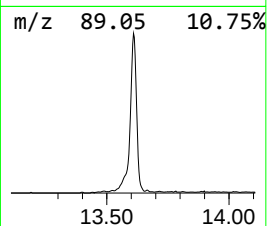
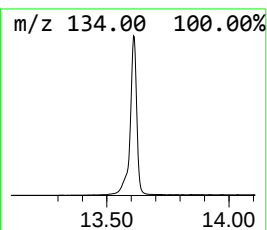
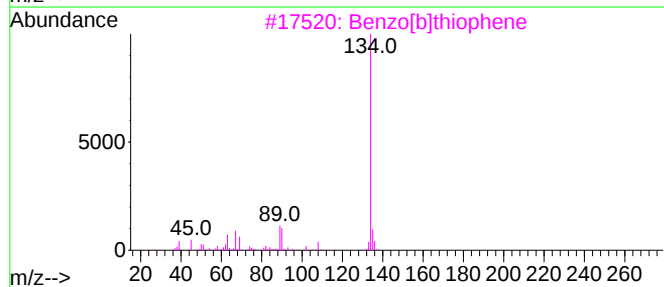
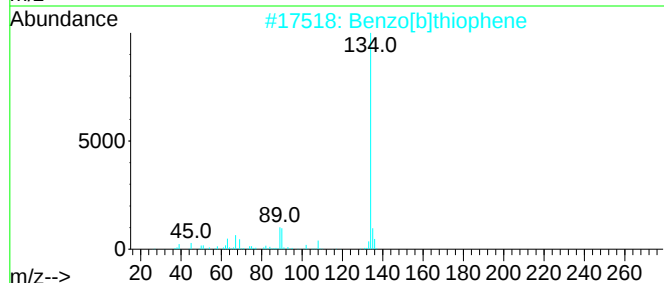
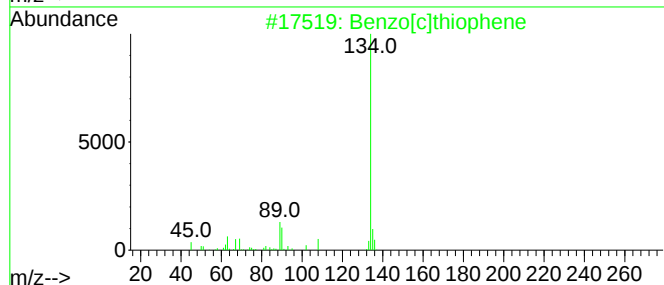
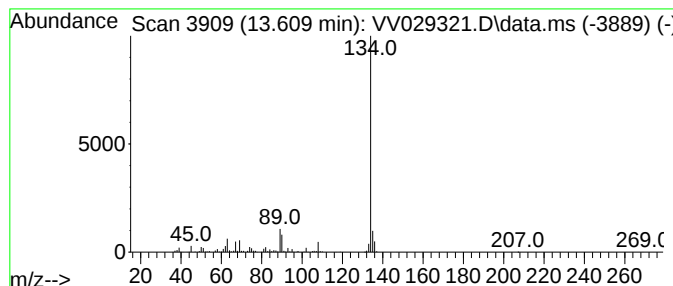
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 Benzo[c]thiophene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.609	6.20 ug/L	938477	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2			Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3			Benzo[b]thiophene	134	C8H6S	000095-15-8	91
4			Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5			Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	91



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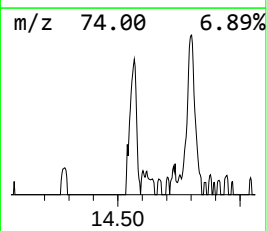
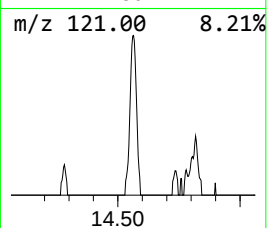
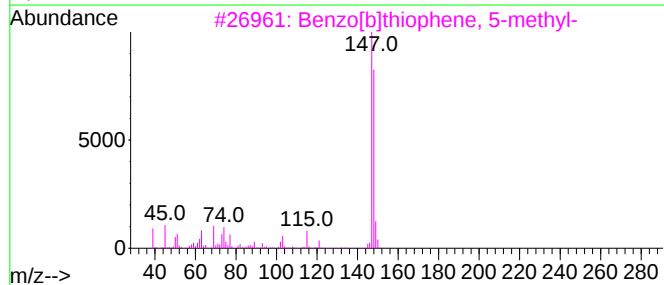
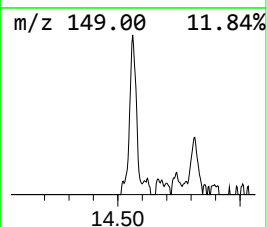
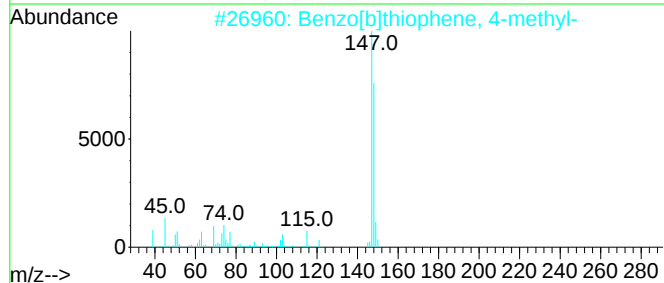
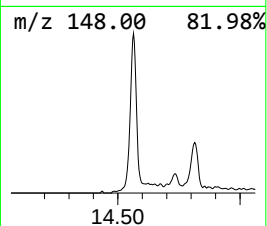
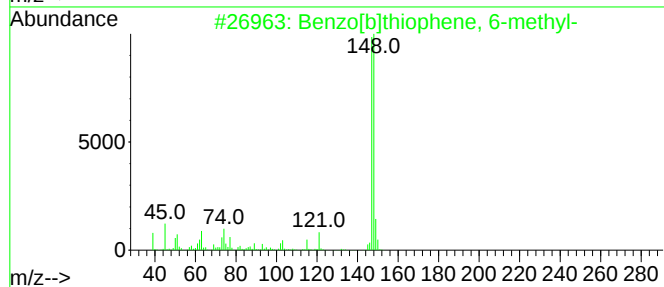
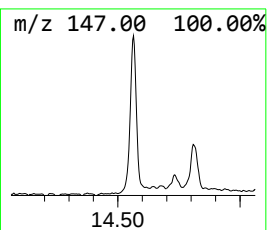
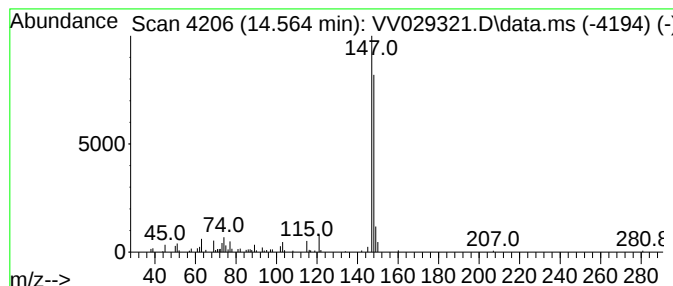
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 Benzo[b]thiophene, 6-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.564	0.54 ug/L	81997	1,4-Dichlorobenzene-d4	11.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	94
2			Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91
3			Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
4			Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
5			3-Methylbenzothiophene	148	C9H8S	001455-18-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112322\
Data File : VV029321.D
Acq On : 24 Nov 2022 02:22
Operator : SY/MD
Sample : N5725-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB69

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
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
Indene	11.735	0.8	ug/L	119161	3	11.239	757370	5.0
Nonanal	12.336	1.0	ug/L	144884	3	11.239	757370	5.0
Benzofuran, 2-m...	12.455	1.0	ug/L	156996	3	11.239	757370	5.0
Benzo[c]thiophene	13.609	6.2	ug/L	938477	3	11.239	757370	5.0
Benzo[b]thiophe...	14.564	0.5	ug/L	81997	3	11.239	757370	5.0