LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

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: VV027391.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.211	46	53	68	rBV	57257	139716	3.29%	0.920%
2	1.301	75	81	86	rBV	78852	91227	2.15%	0.600%
3	1.349	89	96	146	rVB	160882	526833	12.42%	3.467%
4	1.561	156	162	177	rVB	61626	74040	1.75%	0.487%
5	2.098	320	329	344	rVB	124096	184671	4.35%	1.215%
6	3.886	875	885	912	rBV2	45499	150137	3.54%	0.988%
7	4.339	1009	1026	1050	rBV2	101970	251126	5.92%	1.653%
8	5.037	1226	1243	1258	rBV2	210203	527007	12.42%	3.469%
9	5.609	1410	1421	1441	rBV	176624	363521	8.57%	2.393%
10	6.063	1549	1562	1578	rBV3	126719	263201	6.20%	1.732%
11	6.982	1838	1848	1866	rBV2	52687	104258	2.46%	0.686%
12	7.310	1936	1950	1969	rBV	222791	402971	9.50%	2.652%
13	7.622	2035	2047	2067	rBV2	30282	60558	1.43%	0.399%
14	8.085	2181	2191	2225	rBV	210342	455701	10.74%	2.999%
15	8.847	2417	2428	2448	rBV	278946	478001	11.27%	3.146%
16	8.957	2451	2462	2473	rBV	259231	406964	9.59%	2.678%
17	9.140	2508	2519	2531	rBV	36205	62319	1.47%	0.410%
18	9.928	2753	2764	2784	rBV	169806	275481	6.49%	1.813%
19	10.214	2841	2853	2867	rVB	93466	150611	3.55%	0.991%
20	10.352	2886	2896	2910	rBV	26475	45154	1.06%	0.297%
21	11.085	3103	3124	3137	rBV2	37658	71268	1.68%	0.469%
22	11.246	3163	3174	3194	rVB	304296	488334	11.51%	3.214%
23	11.526	3248	3261	3275	rBV	90759	158720	3.74%	1.045%
24	11.622	3279	3291	3309	rBV	267972	440469	10.38%	2.899%
25	11.744	3319	3329	3343	rVB2	73998	117869	2.78%	0.776%
26	12.111	3426	3443	3463	rBV	133863	235139	5.54%	1.548%
27	12.413	3529	3537	3543	rVV	32051	49972	1.18%	0.329%
28	12.461	3543	3552	3572	rVV7	74031	182457	4.30%	1.201%
29	12.548	3572	3579	3588	rVB5	32649	48906	1.15%	0.322%
30	12.876	3672	3681	3691	rVB2	66643	103498	2.44%	0.681%
31	12.944	3692	3702	3715	rVB	90262	145341	3.43%	0.957%
32	13.050	3723	3735	3754	rBV2	119142	213279	5.03%	1.404%
33	13.214	3778	3786	3794	rVB	57914	87444	2.06%	0.576%
34	13.403	3837	3845	3860	rVB4	47191	99208	2.34%	0.653%
35	13.497	3860	3874	3883	rBV3	199673	386379	9.11%	2.543%
36	13.612	3898	3910	3918	rBV6	47129	99029	2.33%	0.652%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

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

37	13.667	3920	3927	3934	rVV3	64209	109363	2.58%	0.720%
38	13.709	3935	3940	3950	rVV7	35189	59873	1.41%	0.394%
39	13.763	3950	3957	3967	rVB2	35329	54020	1.27%	0.356%
40	14.098	4050	4061	4069	rBV6	35268	79362	1.87%	0.522%
41	14.226	4092	4101	4110	rBV3	74619	134834	3.18%	0.887%
42	14.288	4113	4120	4134	rVB3	76038	135066	3.18%	0.889%
43	14.570	4197	4208	4216	rBV2	118267	220247	5.19%	1.450%
44	14.615	4217	4222	4233	rVV3	49034	95293	2.25%	0.627%
45	14.677	4234	4241	4257	rVB2	53812	98598	2.32%	0.649%
46	14.824	4273	4287	4296	rBV4	193241	357825	8.43%	2.355%
47	15.069	4354	4363	4371	rBV	48191	82612	1.95%	0.544%
48	15.217	4403	4409	4421	rVB5	26613	42479	1.00%	0.280%
49	15.416	4460	4471	4482	rVV8	38380	82118	1.94%	0.540%
50	15.583	4510	4523	4542	rBV4	109181	237943	5.61%	1.566%
51	15.696	4552	4558	4573	rVB2	41946	68238	1.61%	0.449%
52	15.802	4575	4591	4603	rBV7	90352	188221	4.44%	1.239%
53	16.004	4643	4654	4660	rBV2	122318	200757	4.73%	1.321%
54	16.040	4660	4665	4683	rVB2	111173	173552	4.09%	1.142%
55	16.178	4698	4708	4720	rBV	92454	152129	3.59%	1.001%
56	16.281	4728	4740	4754	rVB2	40969	90448	2.13%	0.595%
57	16.480	4789	4802	4817	rBV	2854673	4242152	100.00%	27.920%
58	16.657	4849	4857	4868	rVV	94357	142128	3.35%	0.935%
59	16.763	4884	4890	4909	rVB6	19262	46833	1.10%	0.308%
60	16.911	4928	4936	4945	rVB	37327	53303	1.26%	0.351%
61	17.384	5073	5083	5092	rBV2	61449	105642	2.49%	0.695%

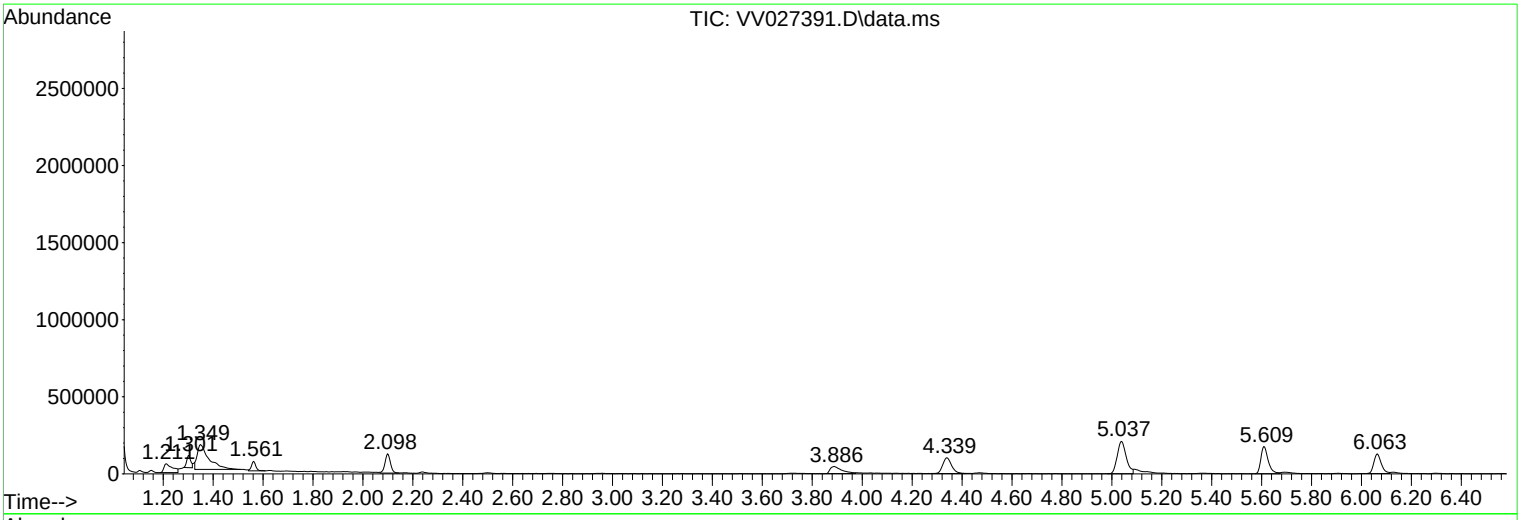
Sum of corrected areas: 15193845

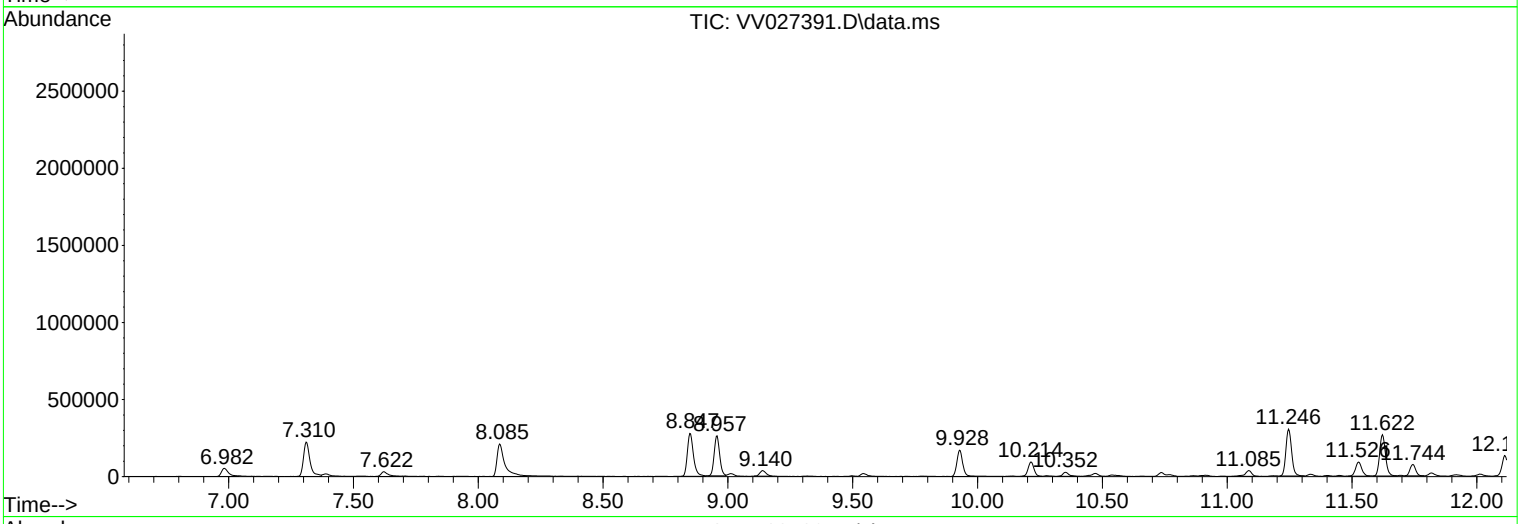
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

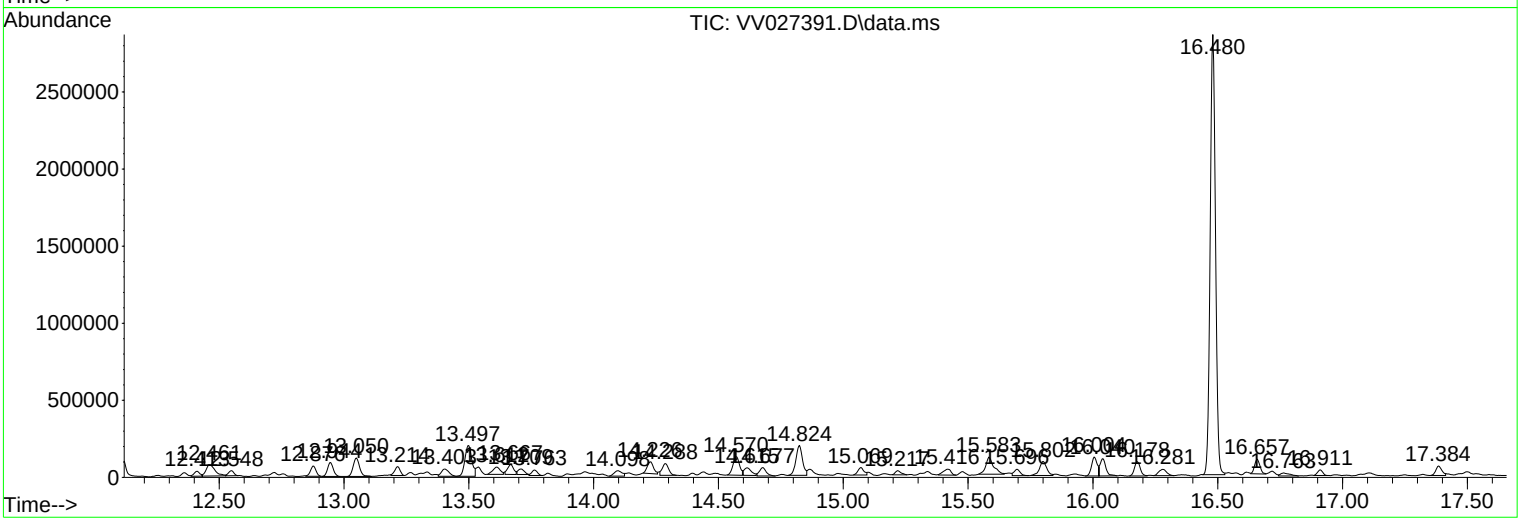
Instrument :
MSVOA_V
ClientSampleId :
C0AB5

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

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

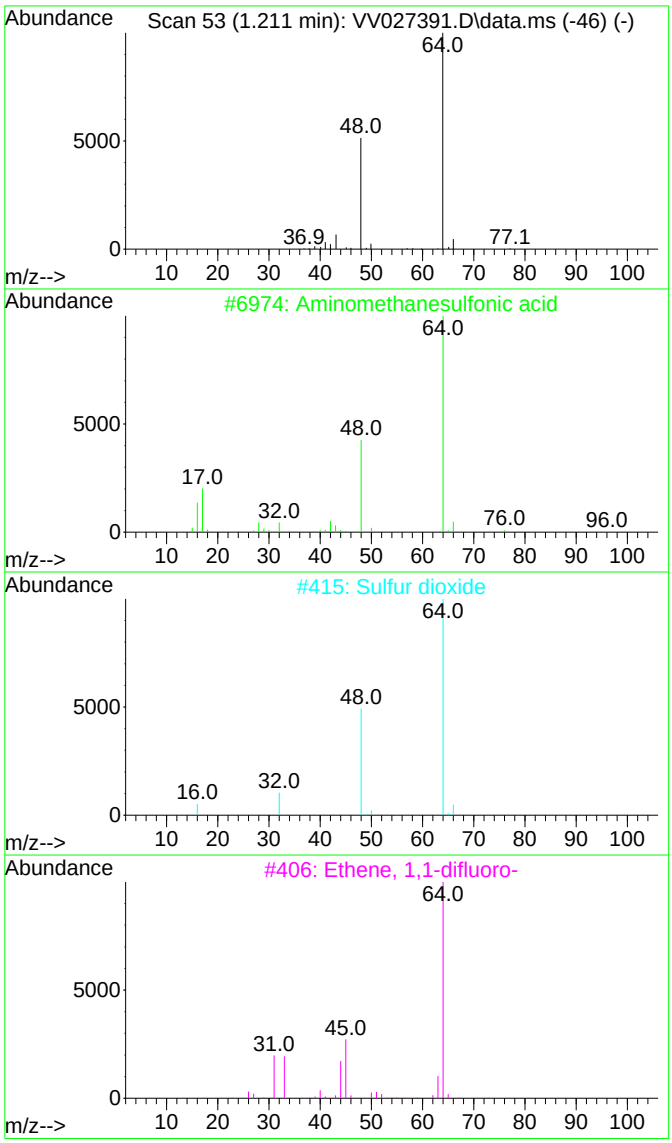
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

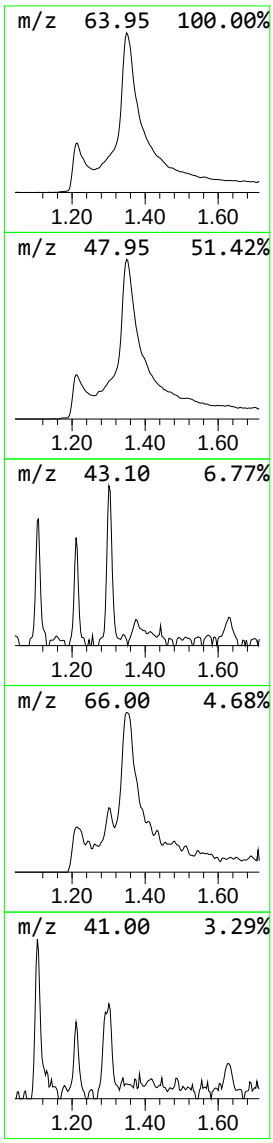
****

Peak Number 1 Aminomethanesulfonic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.211	1.92 ug/L	139716	1,4-Difluorobenzene	5.609

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	83
2	Sulfur dioxide	64	O2S	007446-09-5	83
3	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	4
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

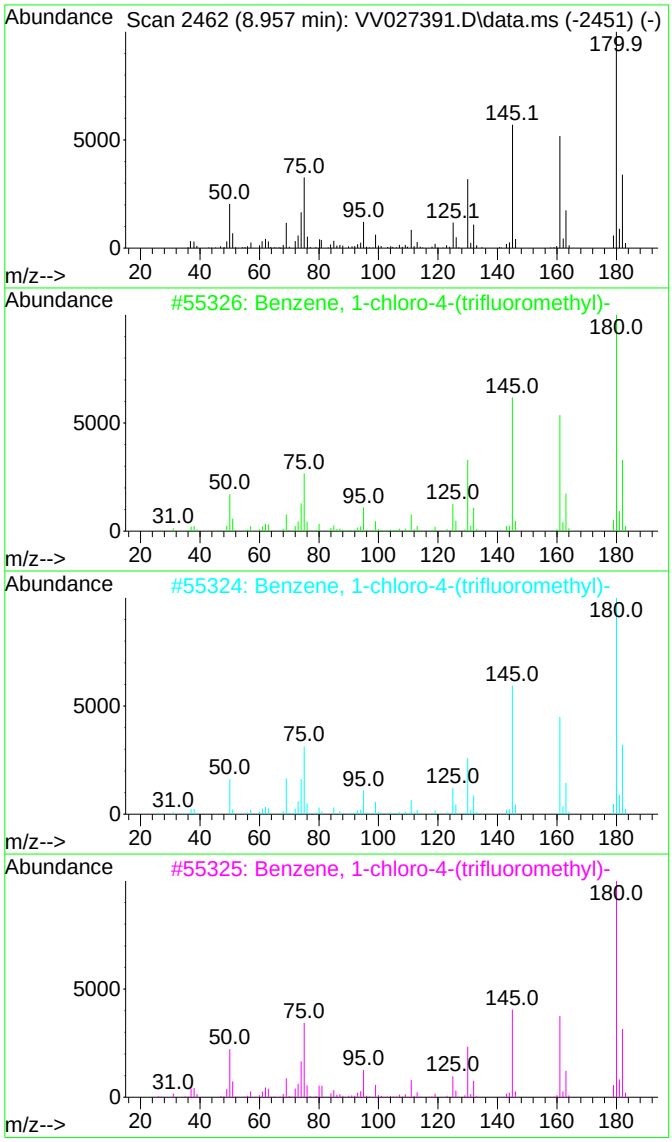
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

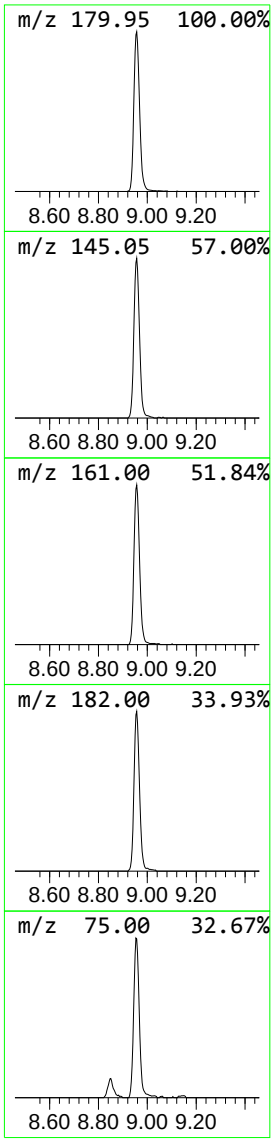
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-chloro-4-(triflu... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.957	4.26 ug/L	406964	Chlorobenzene-d5	8.847

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-4-(trifluorome...	180	C7H4ClF3	000098-56-6	99
2	Benzene, 1-chloro-4-(trifluorome...	180	C7H4ClF3	000098-56-6	98
3	Benzene, 1-chloro-4-(trifluorome...	180	C7H4ClF3	000098-56-6	97
4	Benzene, 1-chloro-4-(trifluorome...	180	C7H4ClF3	000098-56-6	97
5	Benzene, 1-chloro-4-(trifluorome...	180	C7H4ClF3	000098-56-6	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

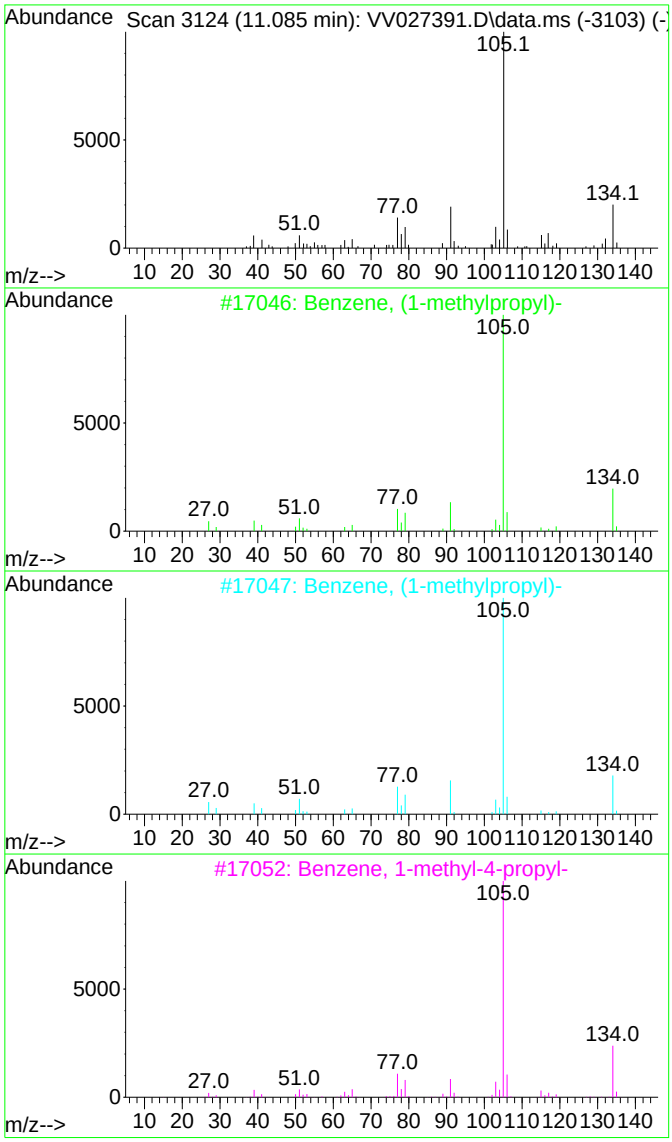
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

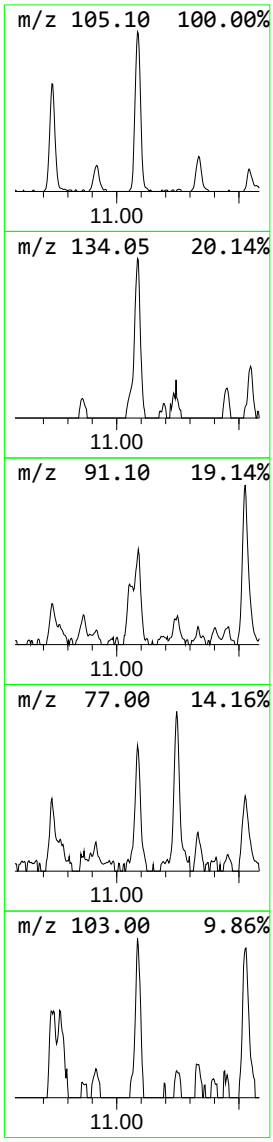
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, (1-methylpropyl)- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.085	0.73 ug/L	71268	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

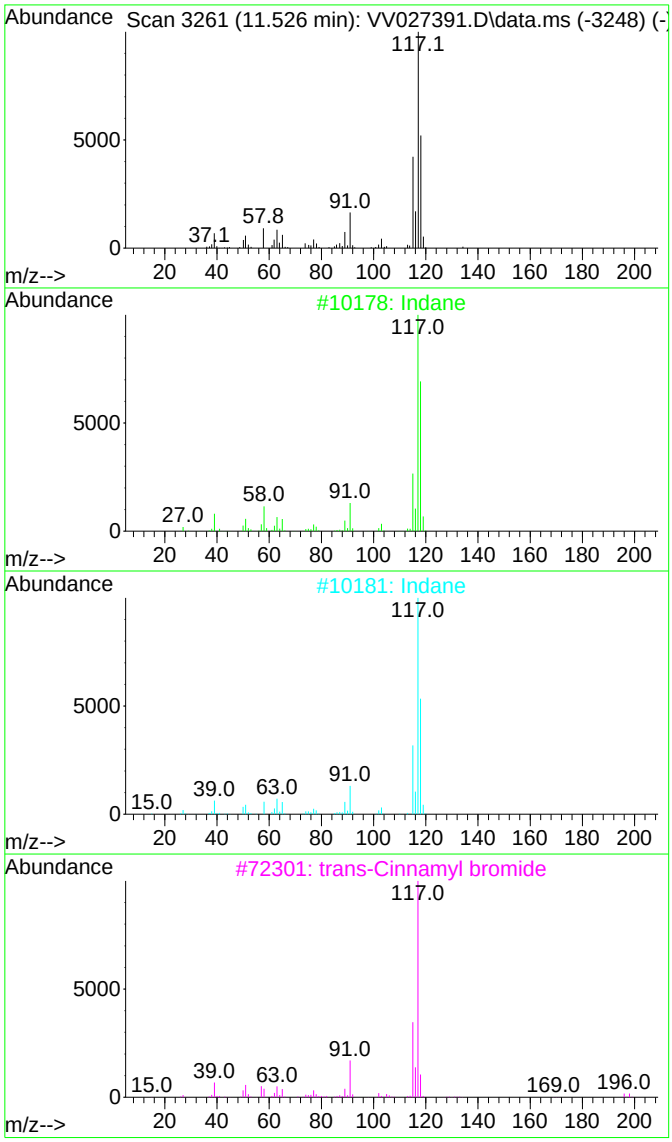
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

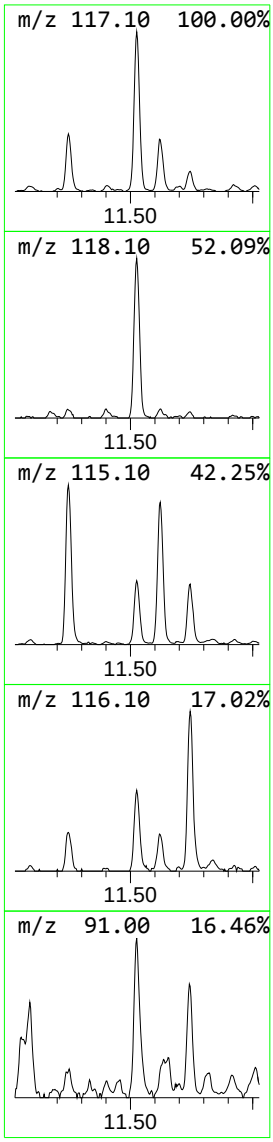
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Indane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.526	1.63 ug/L	158720	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	81
3	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	59
4	Deltacyclene	118	C9H10	007785-10-6	58
5	Indane	118	C9H10	000496-11-7	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

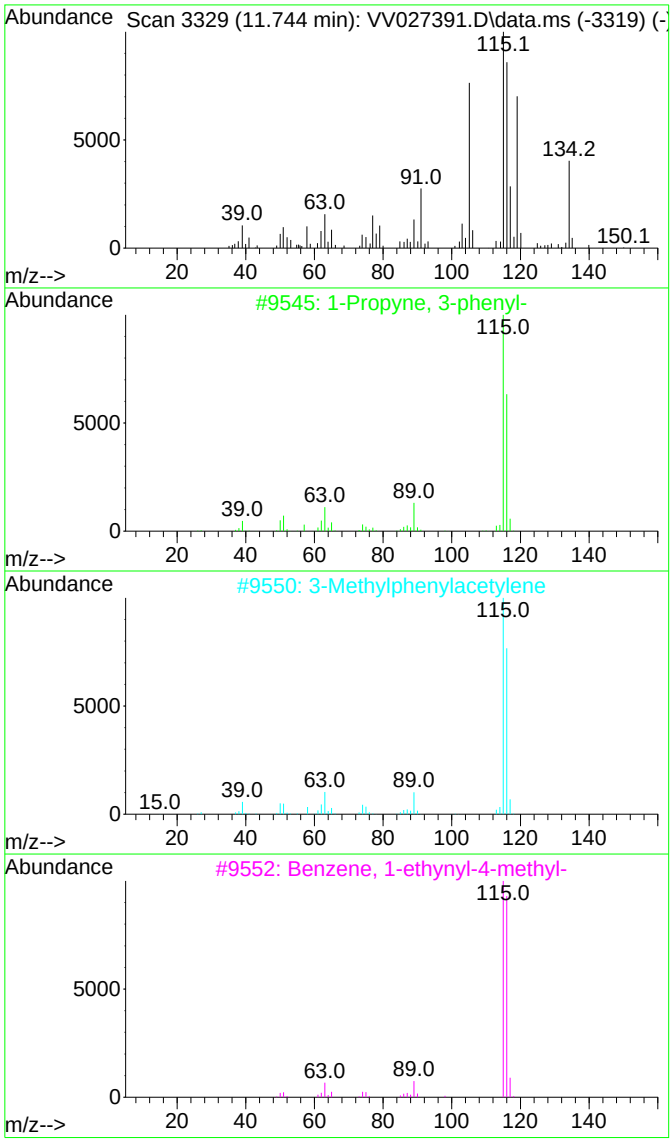
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

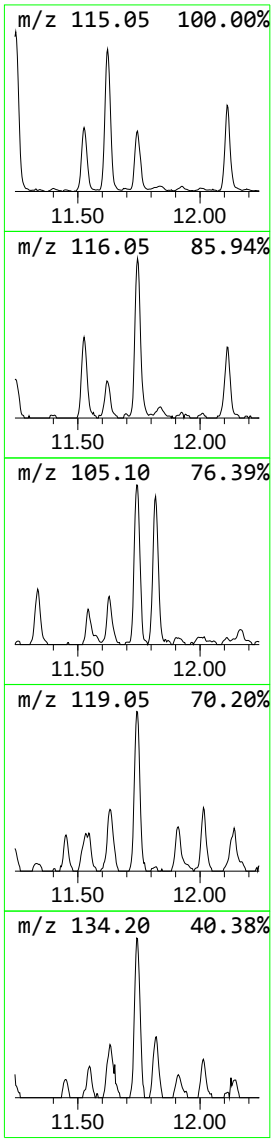
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1-Propyne, 3-phenyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.744	1.21 ug/L	117869	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	90
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	87
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	87
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	83
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

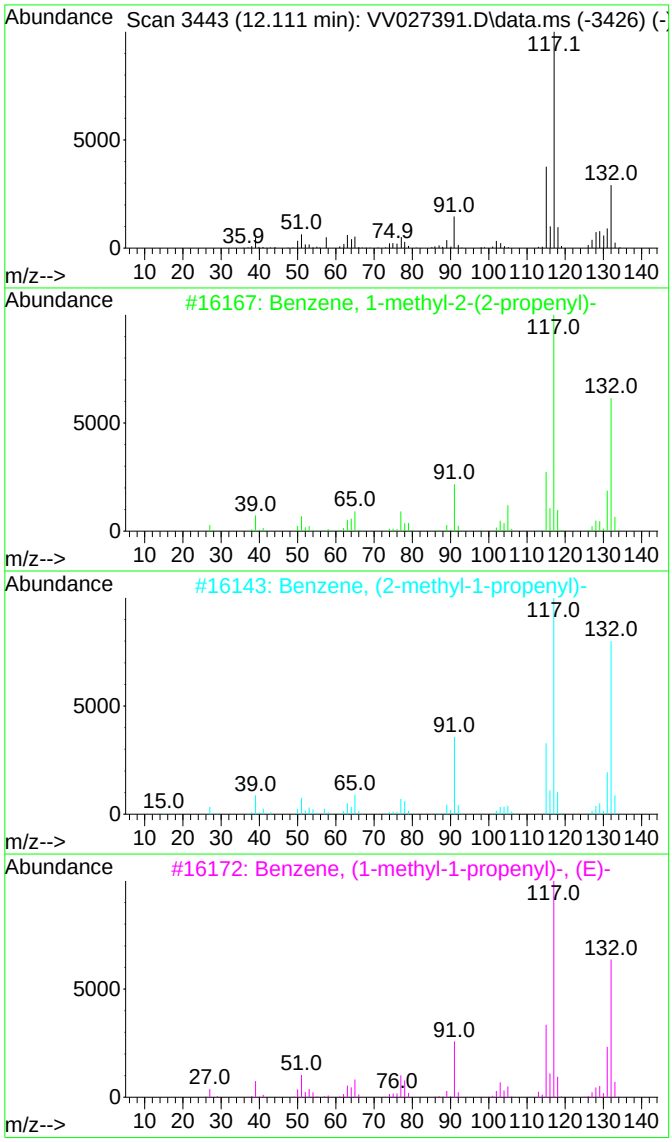
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

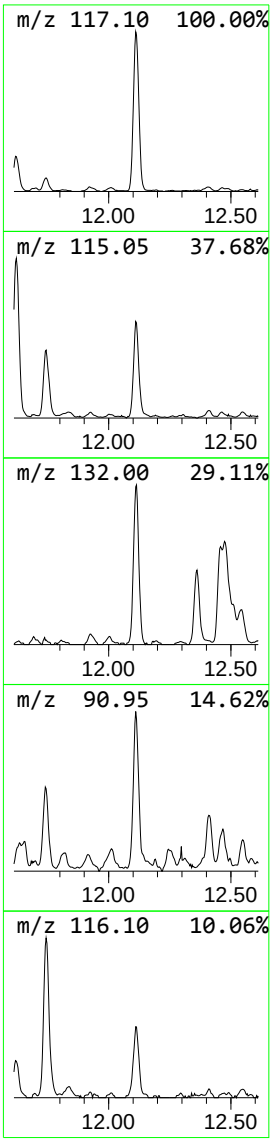
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-methyl-2-(2-prop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.111	2.41 ug/L	235139	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	86
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	86
4	Indan, 1-methyl-	132	C10H12	000767-58-8	81
5	Indan, 1-methyl-	132	C10H12	000767-58-8	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

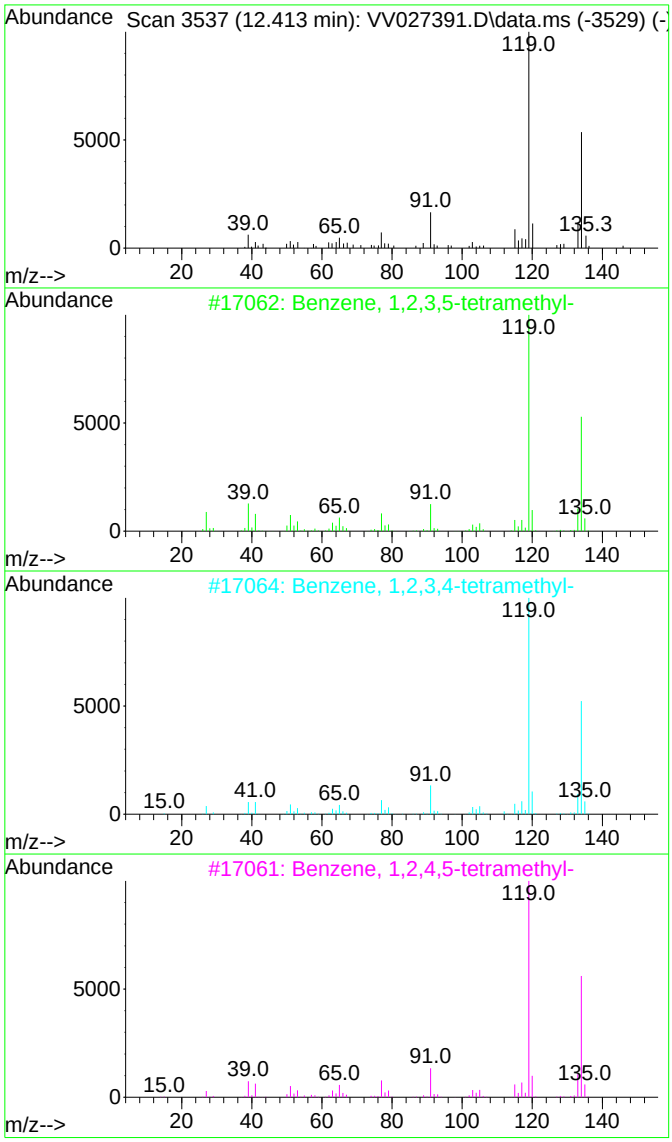
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

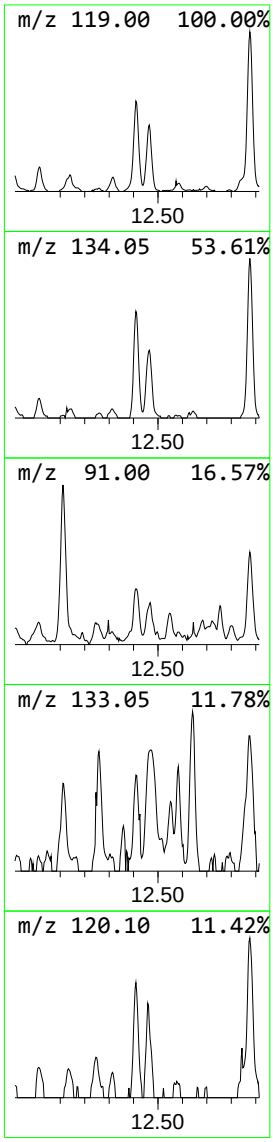
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.413	0.51 ug/L	49972	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





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Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

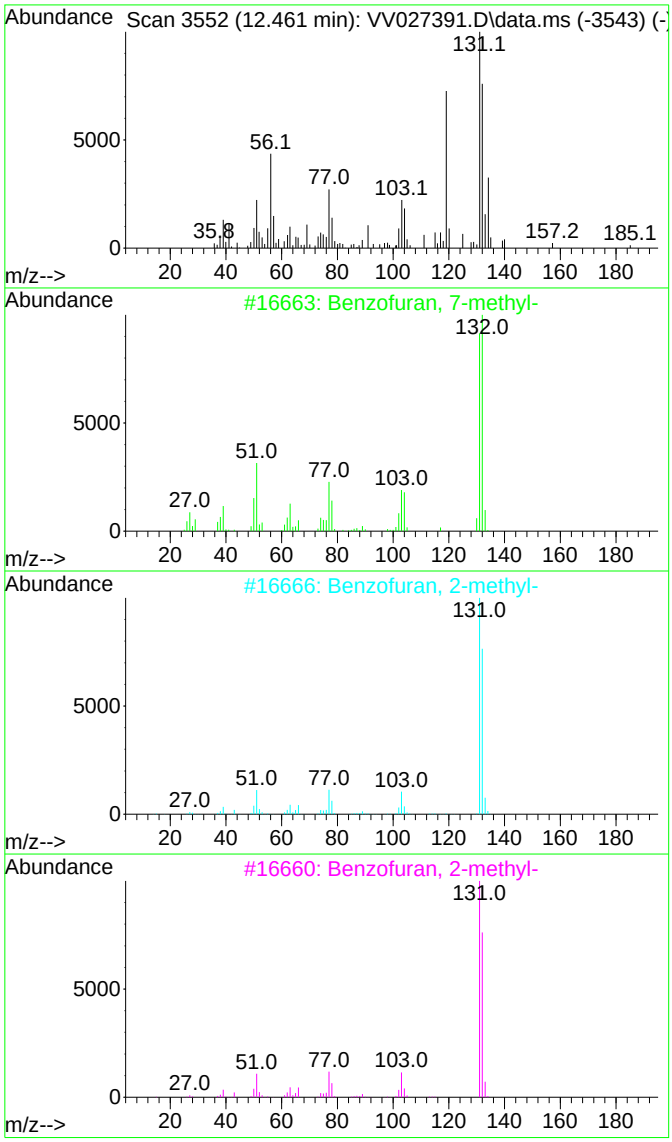
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

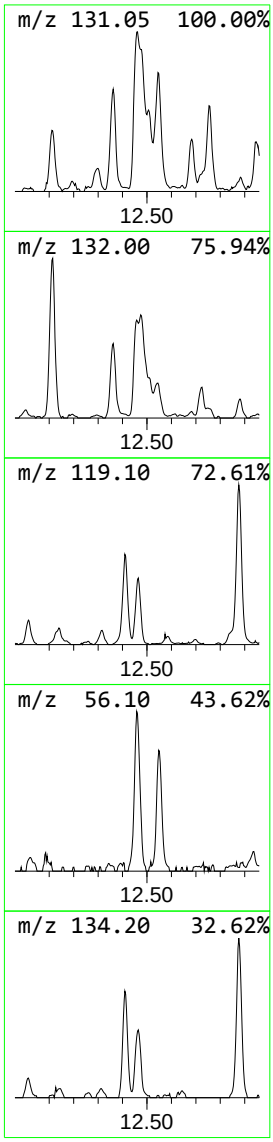
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzofuran, 7-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.461	1.87 ug/L	182457	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	83
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	60
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	60
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	60
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	60





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Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

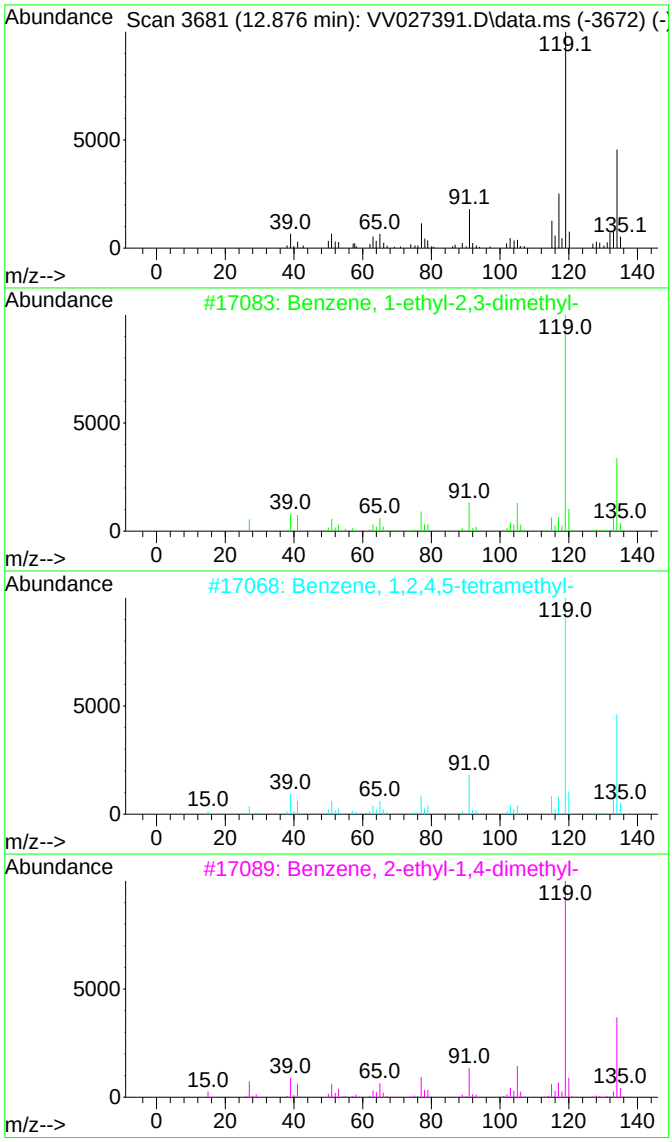
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

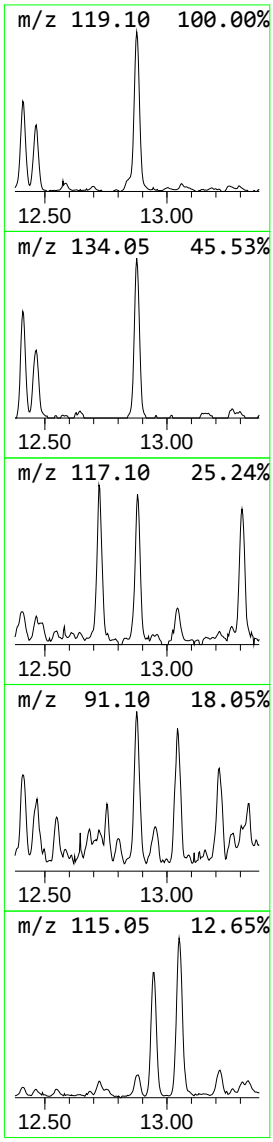
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.876	1.06 ug/L	103498	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
4	o-Cymene	134	C10H14	000527-84-4	83
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

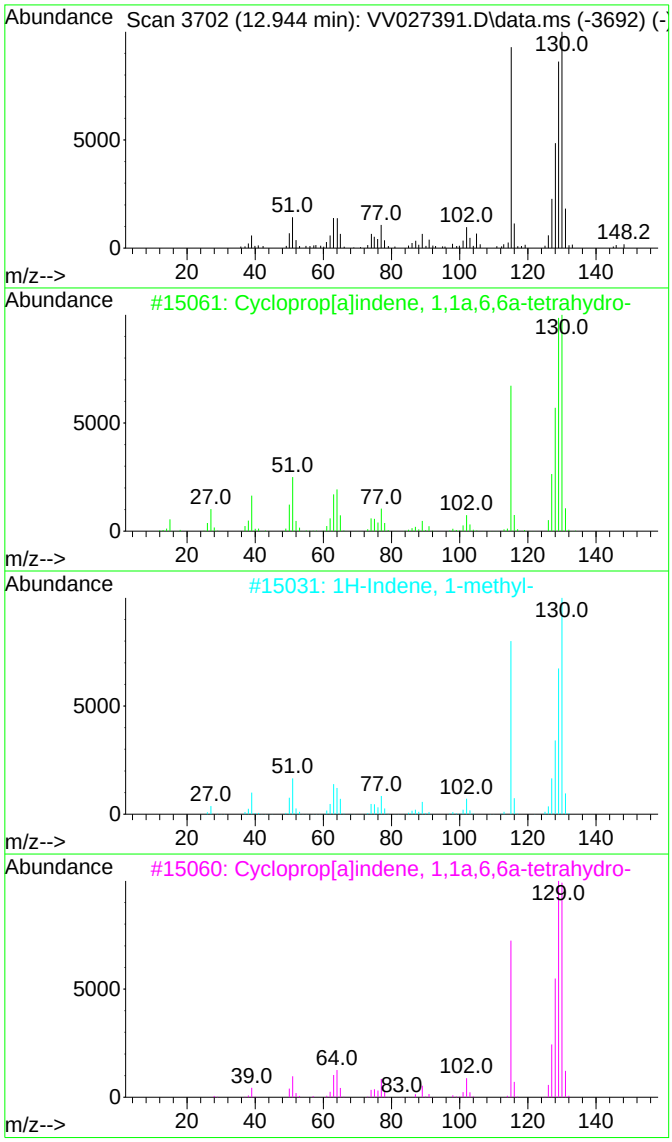
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

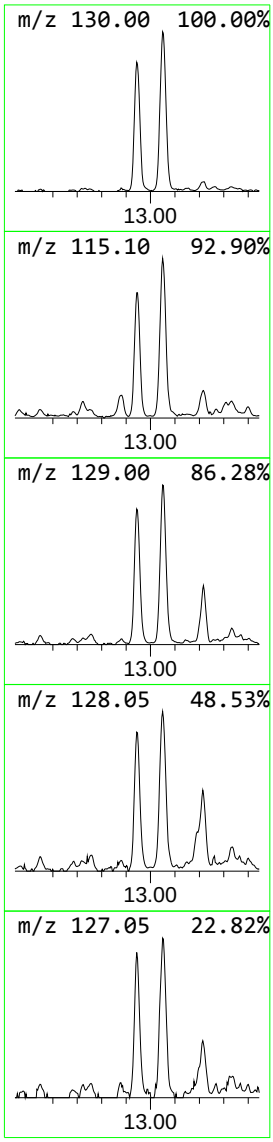
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.944	1.49 ug/L	145341	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
4	2-Methylindene	130	C10H10	002177-47-1	94
5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

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

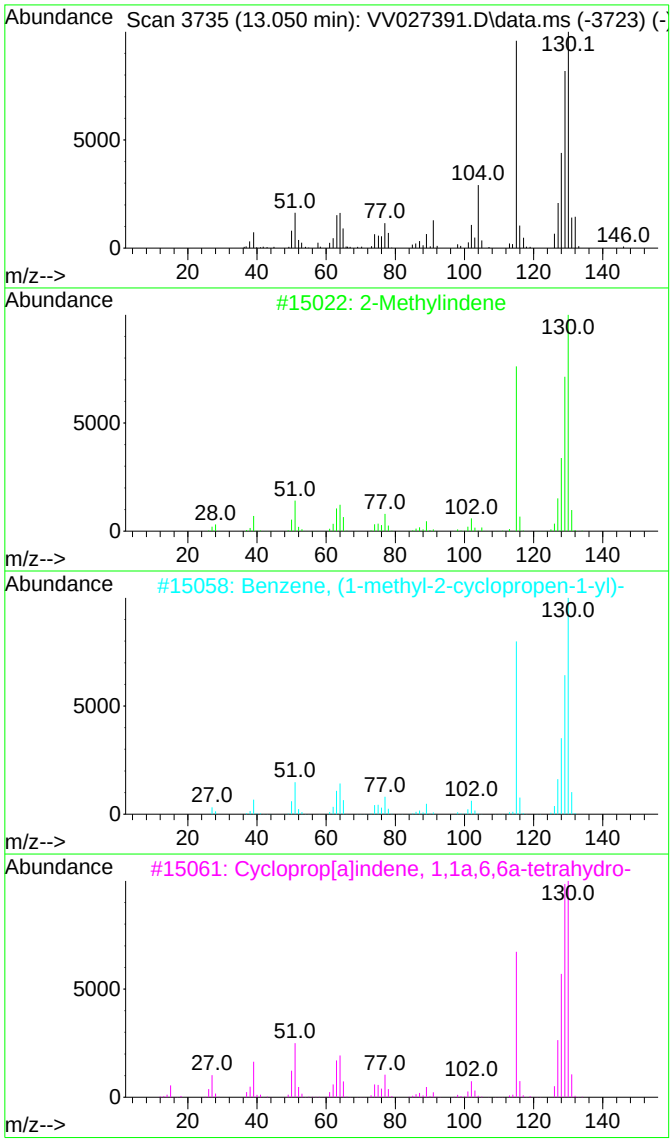
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

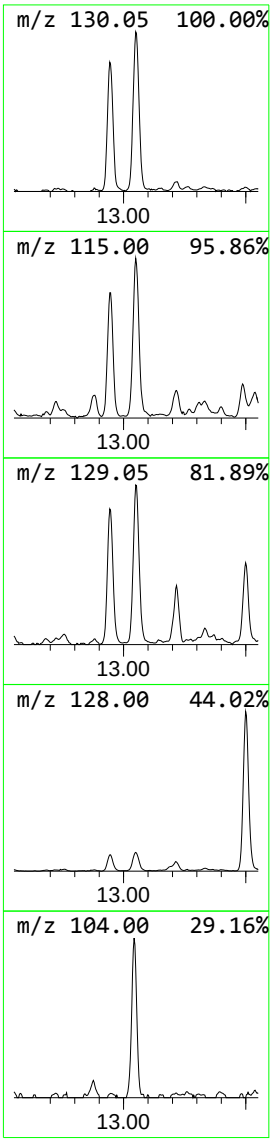
****

Peak Number 13 2-Methylindene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.050	2.18 ug/L	213279	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	96
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

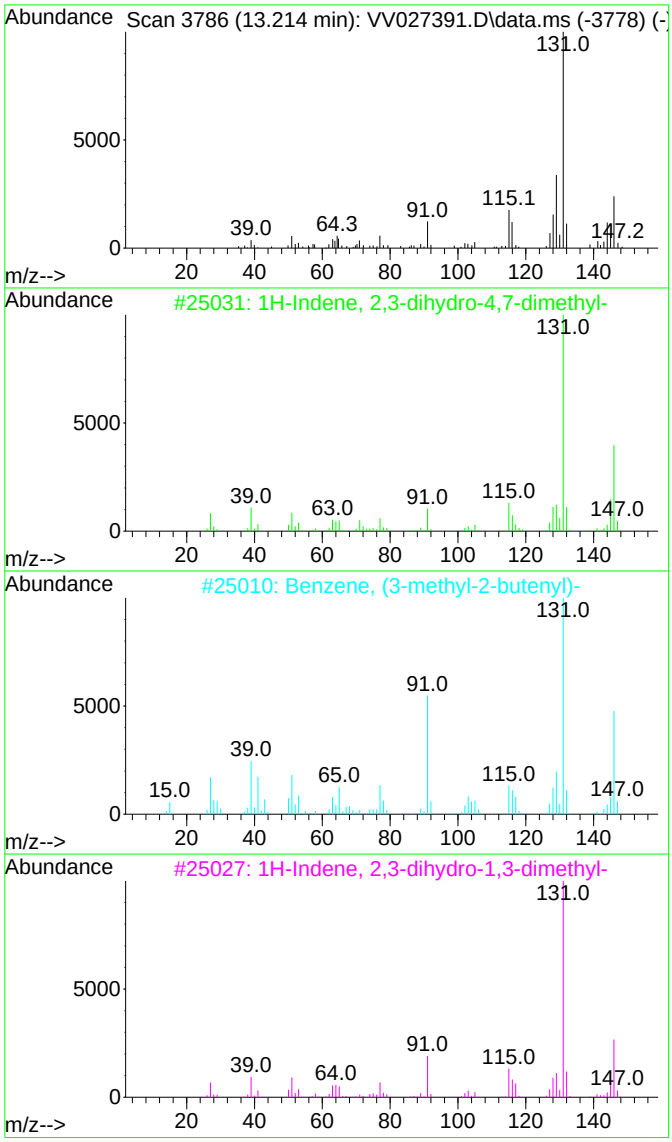
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

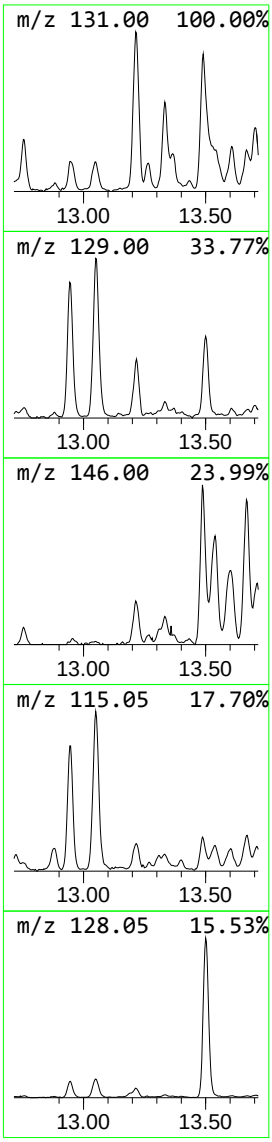
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.214	0.90 ug/L	87444	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

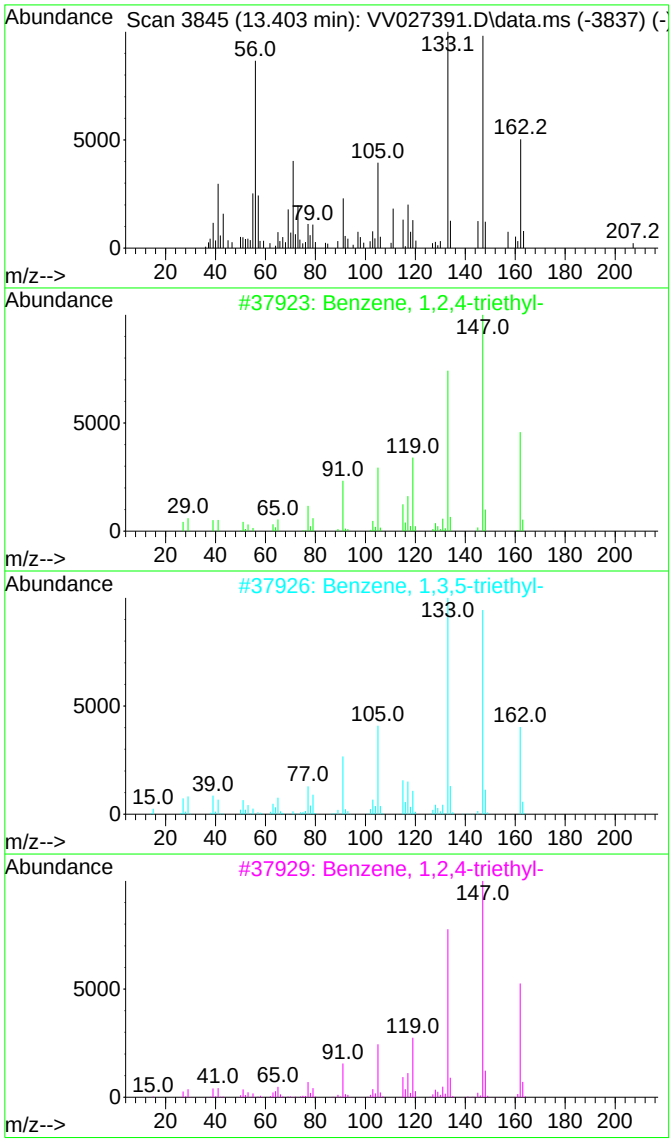
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

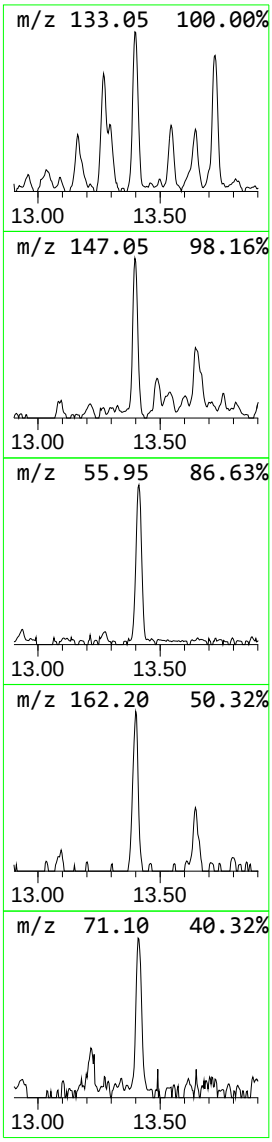
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1,2,4-triethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.403	1.02 ug/L	99208	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-triethyl-	162	C12H18	000877-44-1	78
2	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	70
3	Benzene, 1,2,4-triethyl-	162	C12H18	000877-44-1	60
4	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	55
5	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	55





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Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

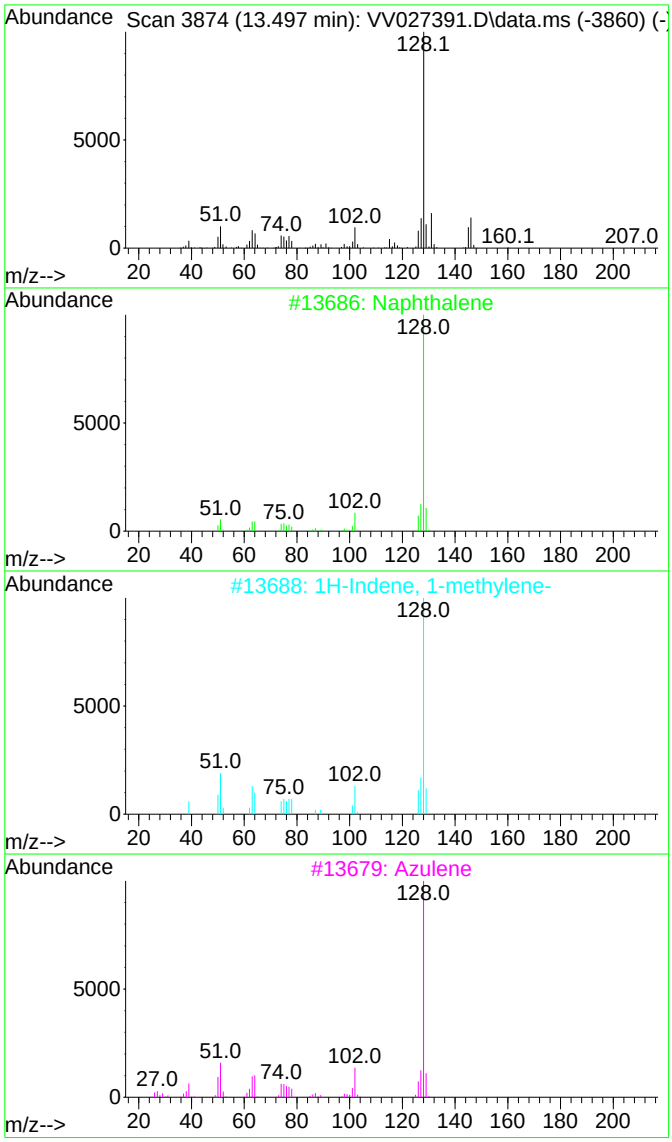
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

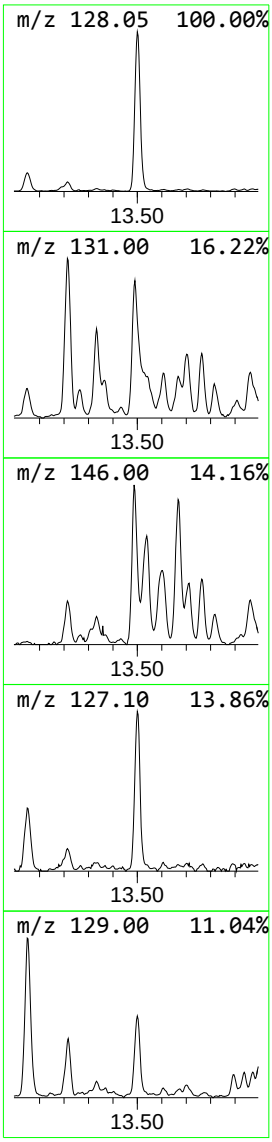
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Azulene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.496	3.96 ug/L	386379	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	94
2	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	93
3	Azulene	128	C10H8	000275-51-4	90
4	Naphthalene	128	C10H8	000091-20-3	81
5	Naphthalene	128	C10H8	000091-20-3	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

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

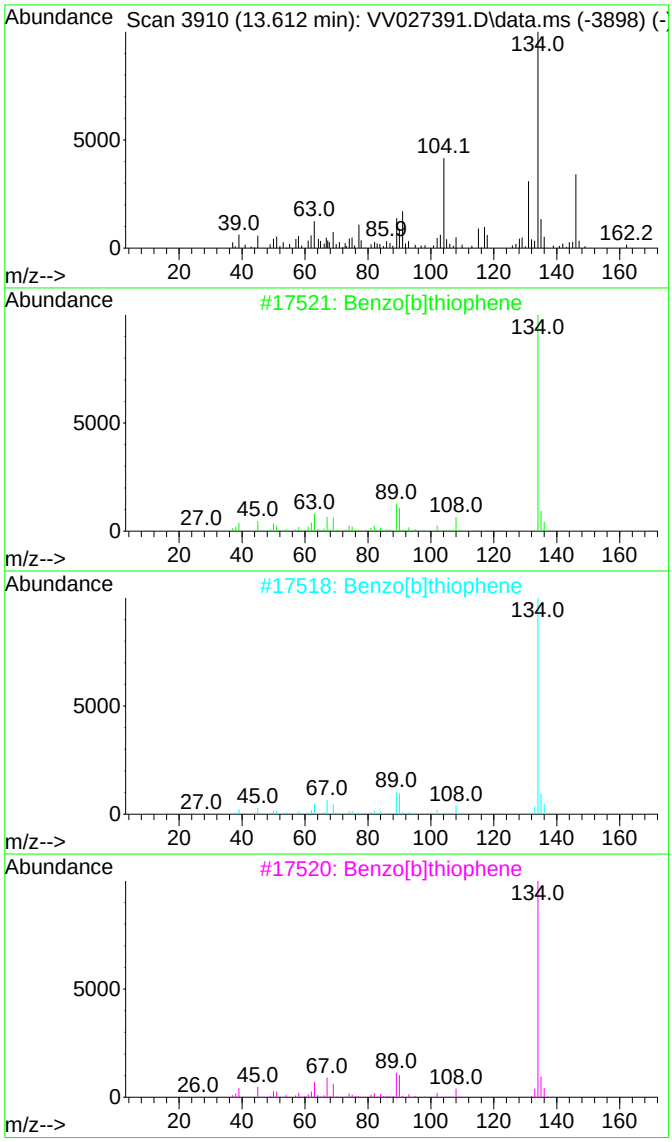
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

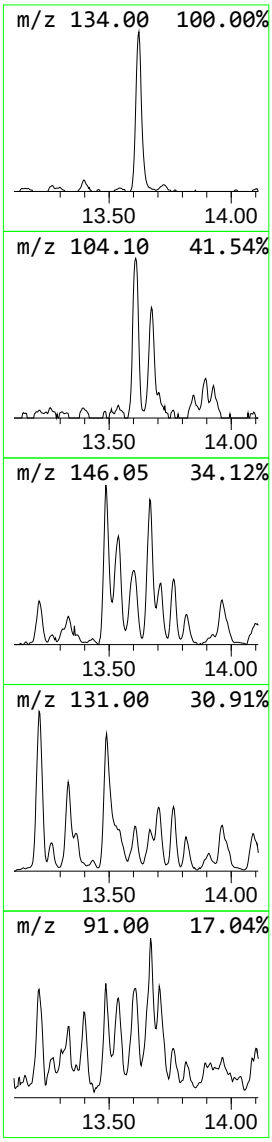
****

Peak Number 17 Benzo[b]thiophene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.612	1.01 ug/L	99029	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	86
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	50
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	50
4	Benzo[c]thiophene	134	C8H6S	000270-82-6	50
5	N-(2-(4-Methoxyphenyl)ethyl)-3-p...	281	C18H19NO2	349433-34-7	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

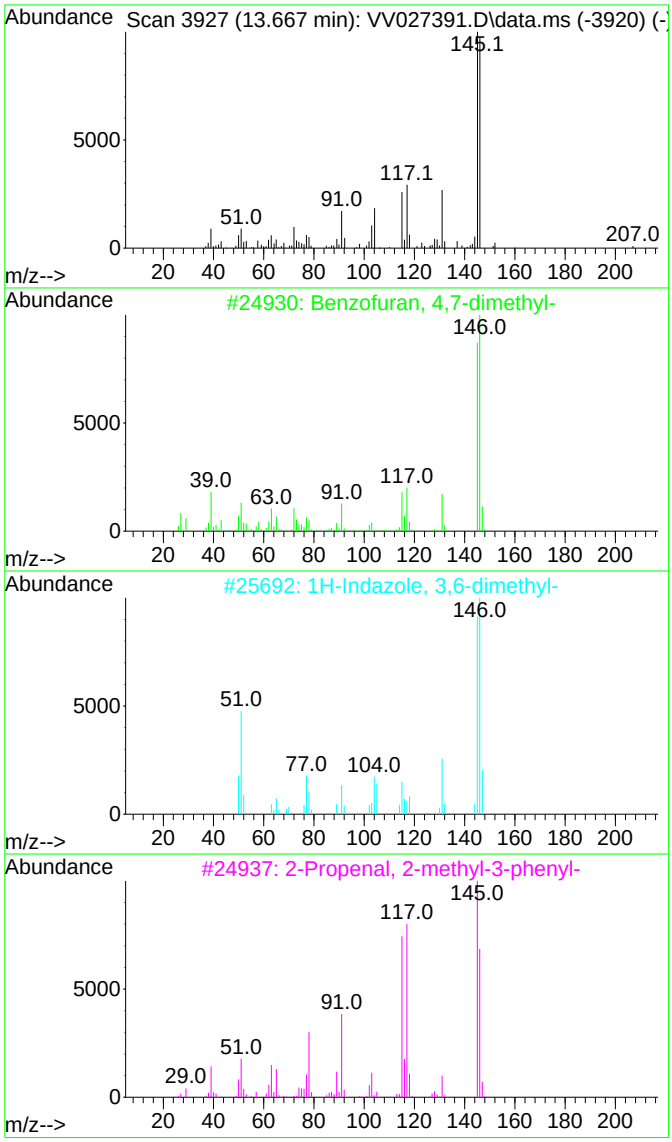
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

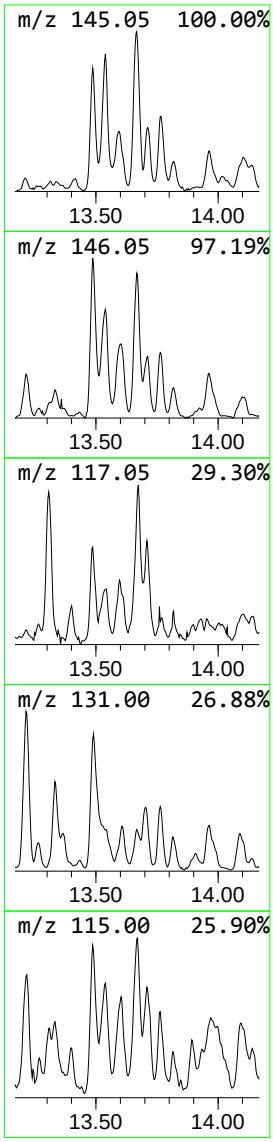
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzofuran, 4,7-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.667	1.12 ug/L	109363	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	90
2	1H-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	72
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	64
4	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	53
5	1H-1,3-Benzodiazole-5-carbaldehyde	146	C8H6N2O	058442-17-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

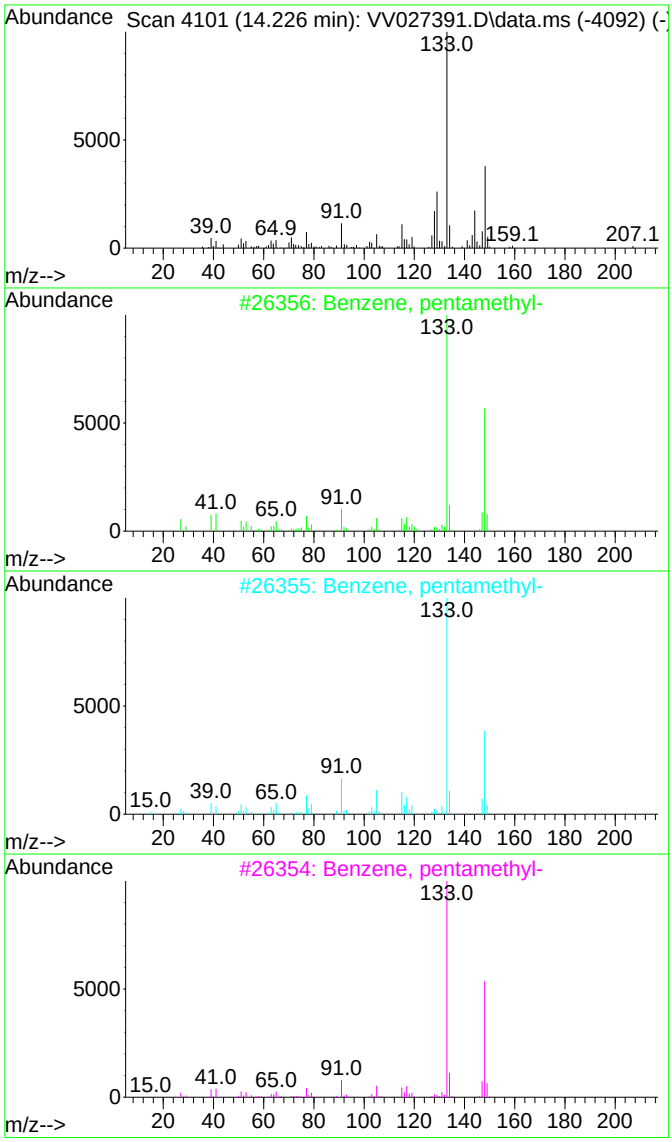
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

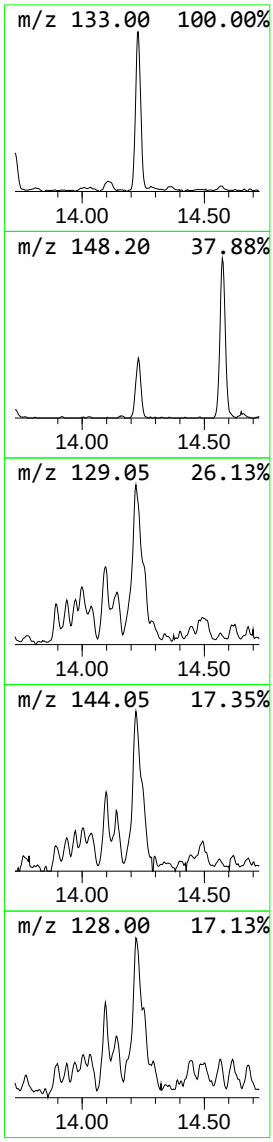
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, pentamethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.226	1.38 ug/L	134834	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	70
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	70
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	70
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	70
5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

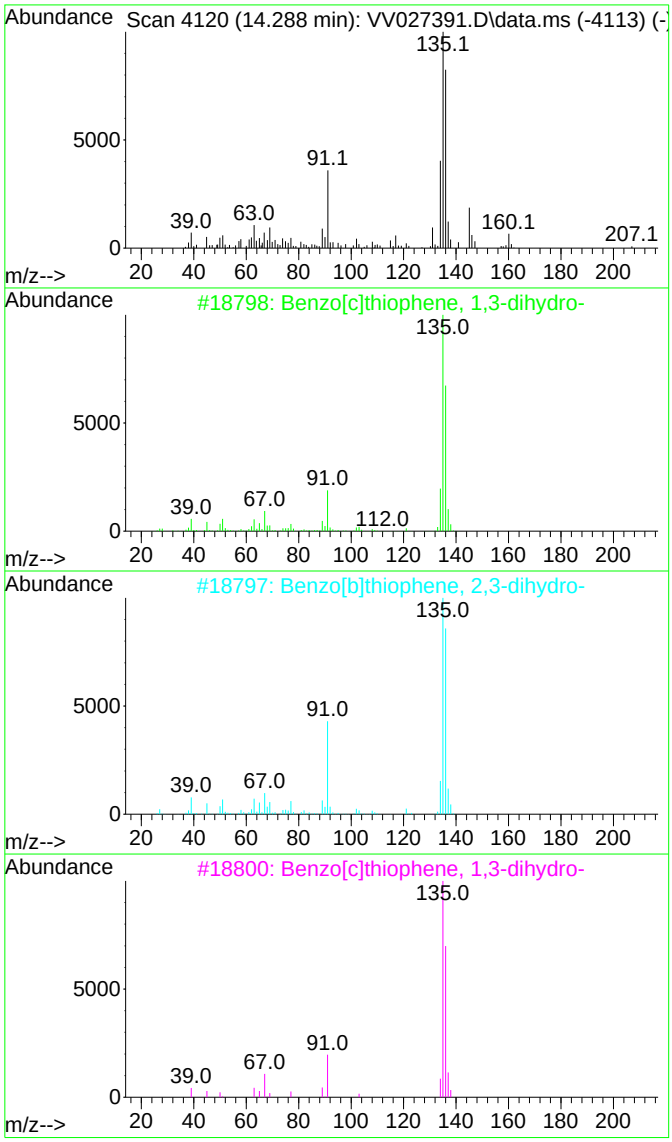
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

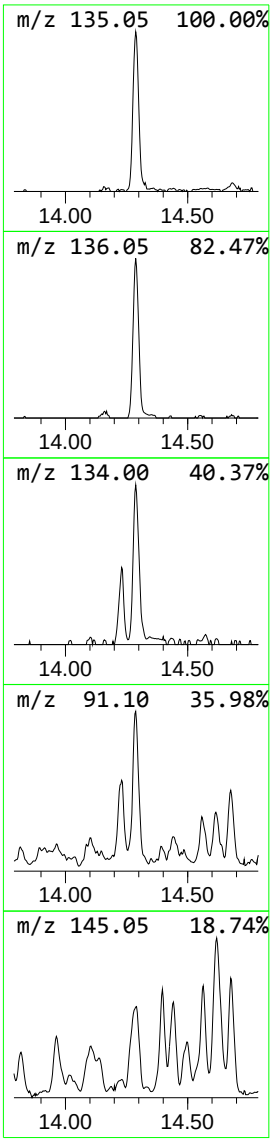
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzo[c]thiophene, 1,3-dihy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.288	1.38 ug/L	135066	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	70
2	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	70
3	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	62
4	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	55
5	Pyrazine, 2,6-diethyl-	136	C8H12N2	013067-27-1	50





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Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

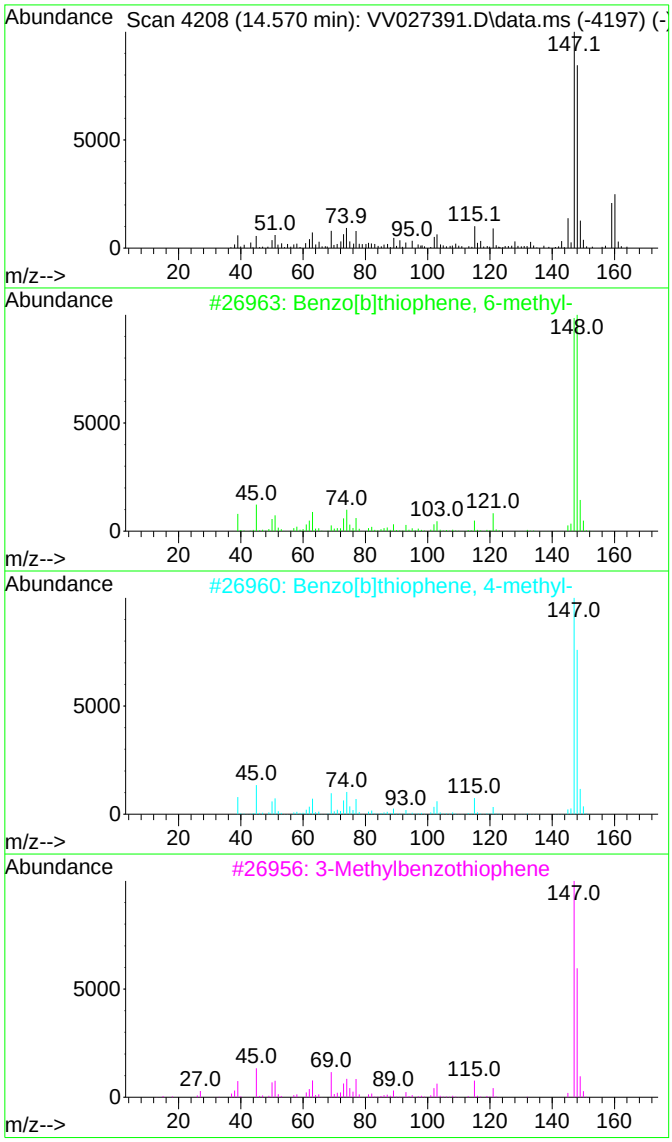
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

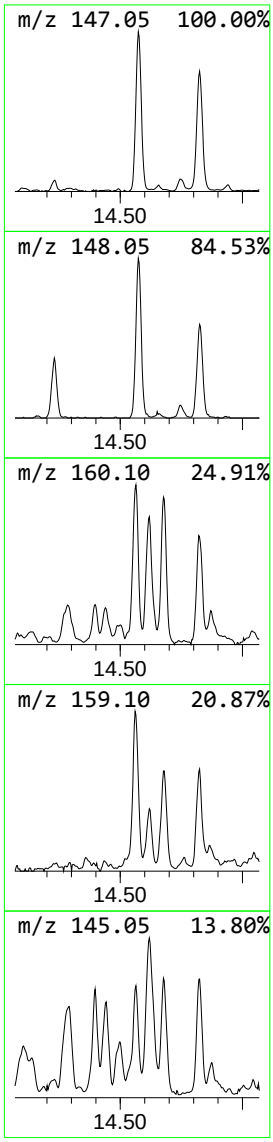
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzo[b]thiophene, 6-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.570	2.26 ug/L	220247	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	93
2	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	89
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	81
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	76
5	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	76





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Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

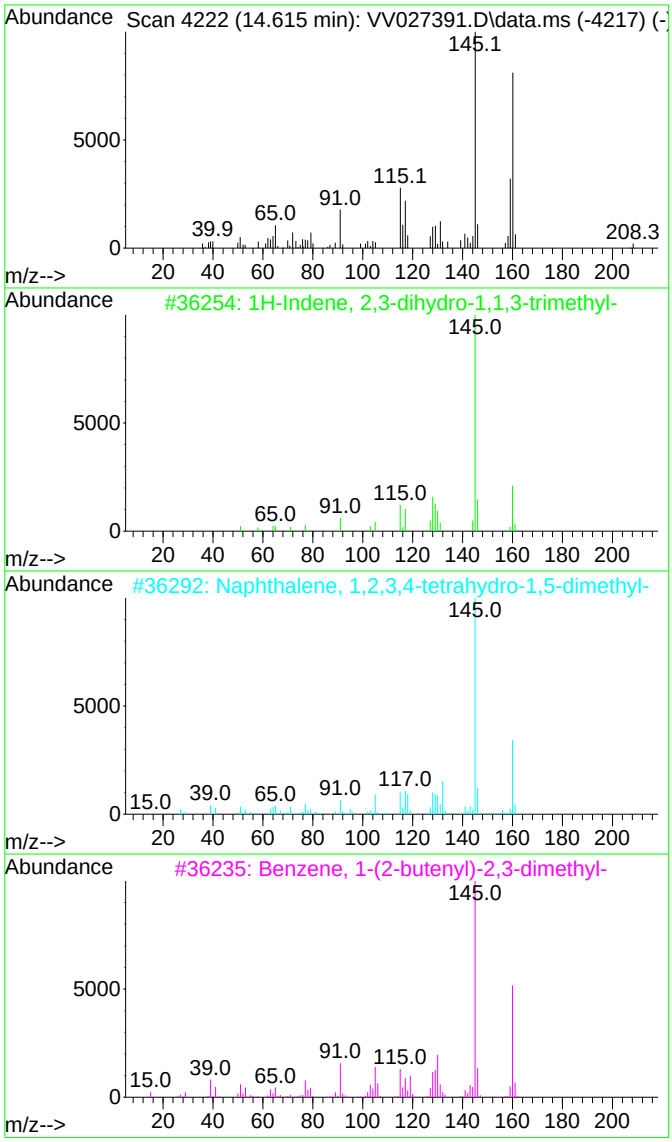
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

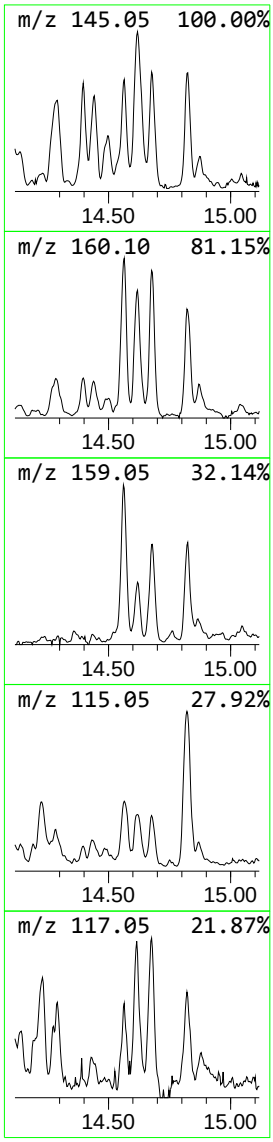
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.616	0.98 ug/L	95293	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	80
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	72
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	64
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	64
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	64





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Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

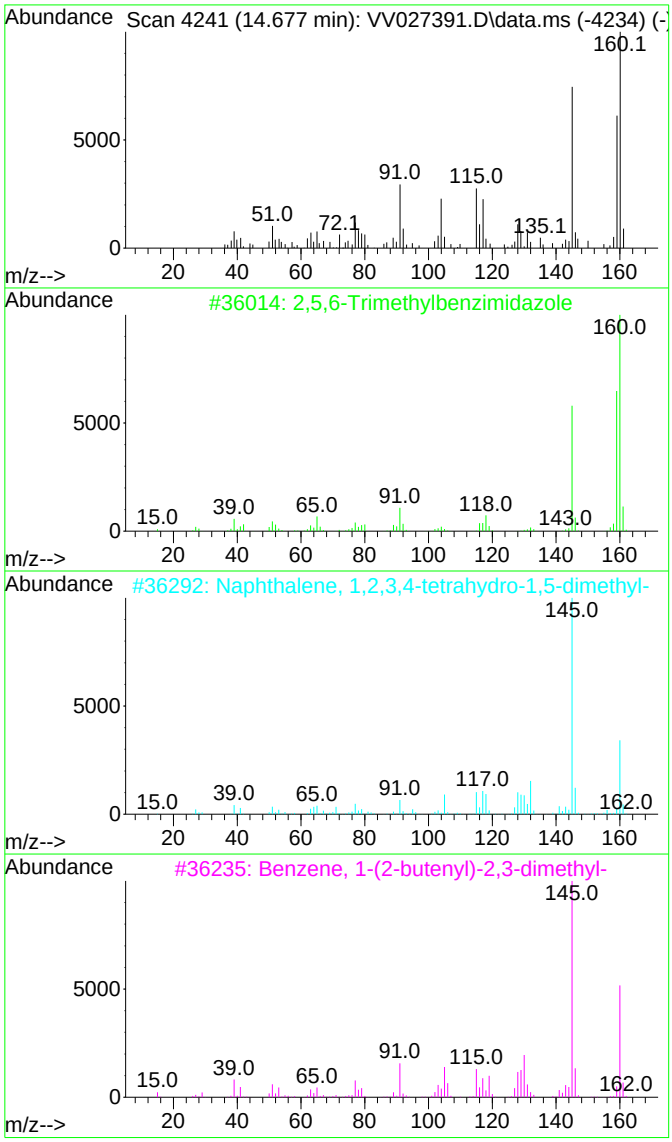
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

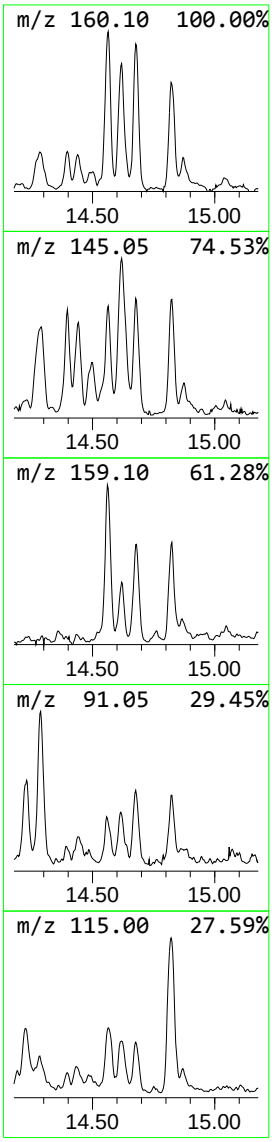
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 2,5,6-Trimethylbenzimidazole Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.677	1.01 ug/L	98598	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	76
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	58
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	52
4	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	52
5	5-Isoquinolinol	145	C9H7NO	002439-04-5	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

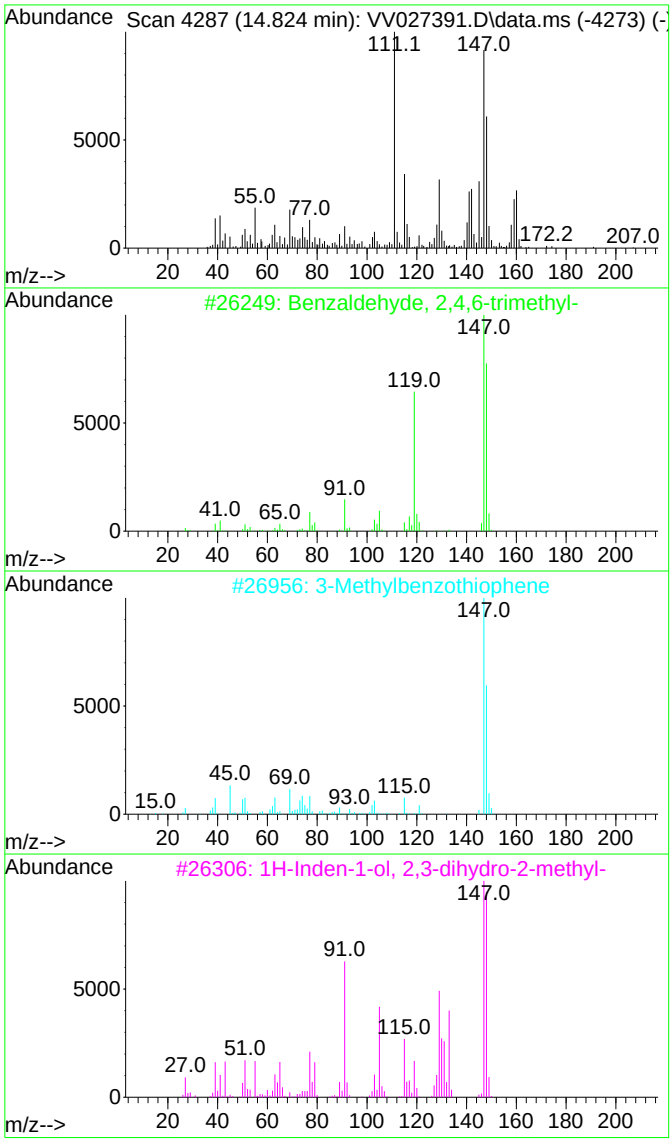
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

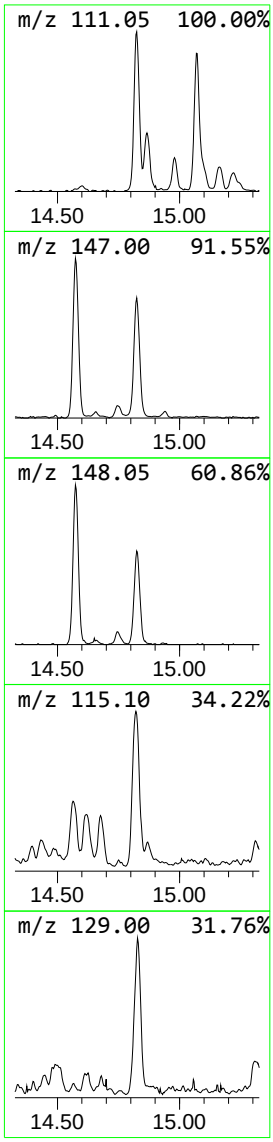
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.825	3.66 ug/L	357825	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 2,4,6-trimethyl-	148	C10H12O	000487-68-3	30
2	3-Methylbenzothiophene	148	C9H8S	001455-18-1	30
3	1H-Inden-1-ol, 2,3-dihydro-2-met...	148	C10H12O	017496-18-3	30
4	5-Methylthiophene-2,3-dicarbonit...	148	C7H4N2S	1000305-40-8	25
5	Benzaldehyde, 2,4,5-trimethyl-	148	C10H12O	005779-72-6	25





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Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

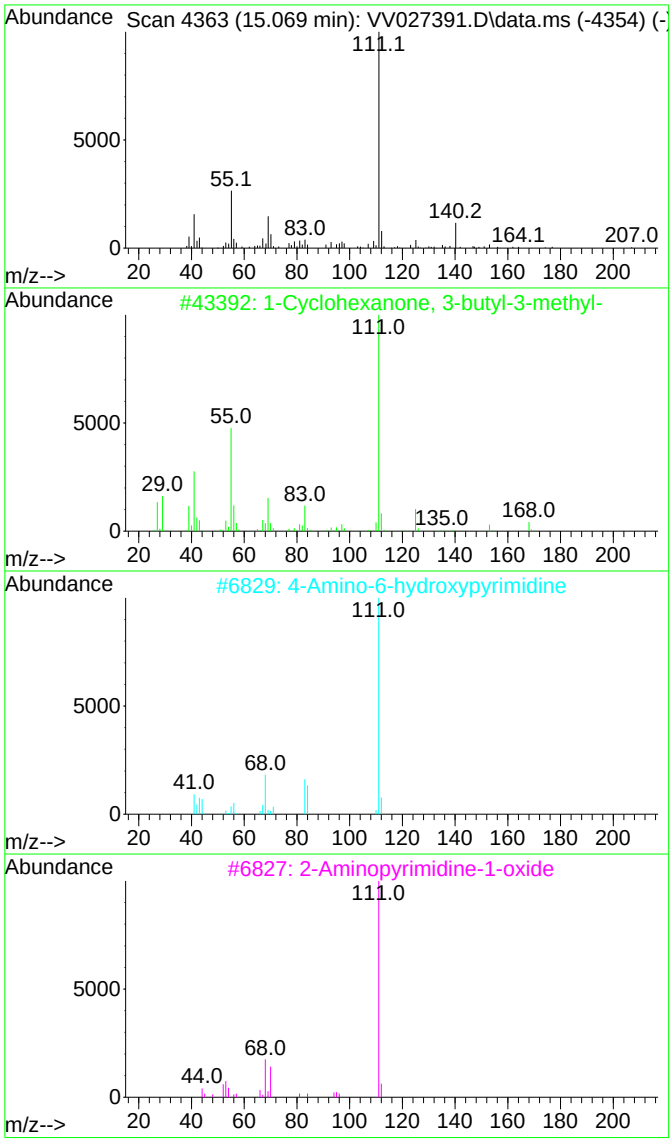
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

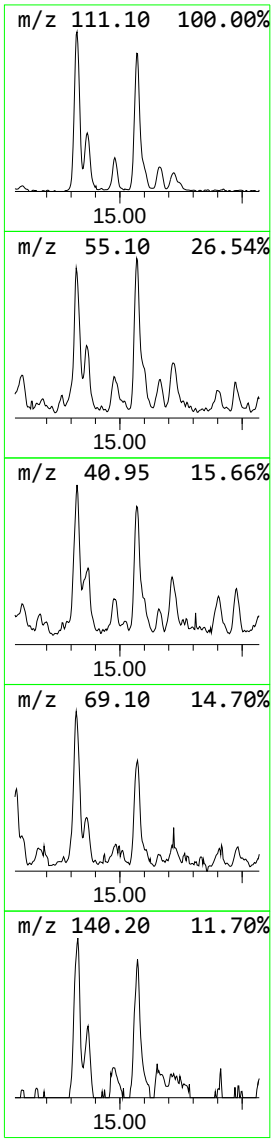
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 1-Cyclohexanone, 3-butyl-3-... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.069	0.85 ug/L	82612	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexanone, 3-butyl-3-methyl-	168	C11H20O	051756-29-7	64
2	4-Amino-6-hydroxypyrimidine	111	C4H5N3O	001193-22-2	53
3	2-Aminopyrimidine-1-oxide	111	C4H5N3O	035034-15-2	53
4	Cyclooctane, tetradecyl-	308	C22H44	149003-36-1	50
5	(Z)-6-Methyl-2-(nonadec-10-en-1-...	376	C25H44O2	243118-18-5	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

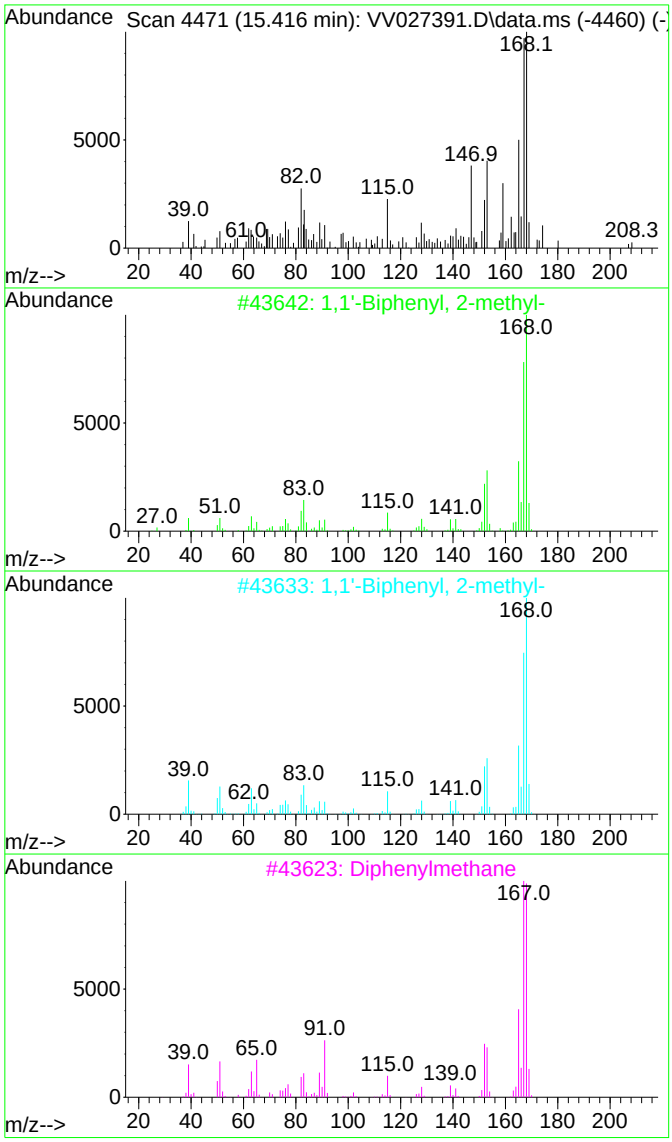
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

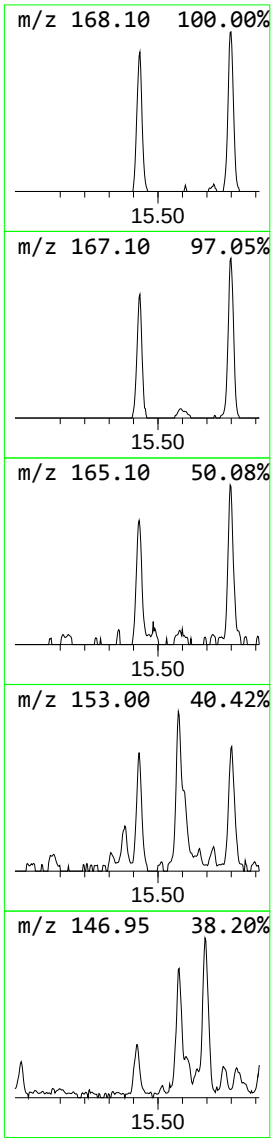
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 1,1'-Biphenyl, 2-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.416	0.84 ug/L	82118	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	64
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	64
3	Diphenylmethane	168	C13H12	000101-81-5	64
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	55
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

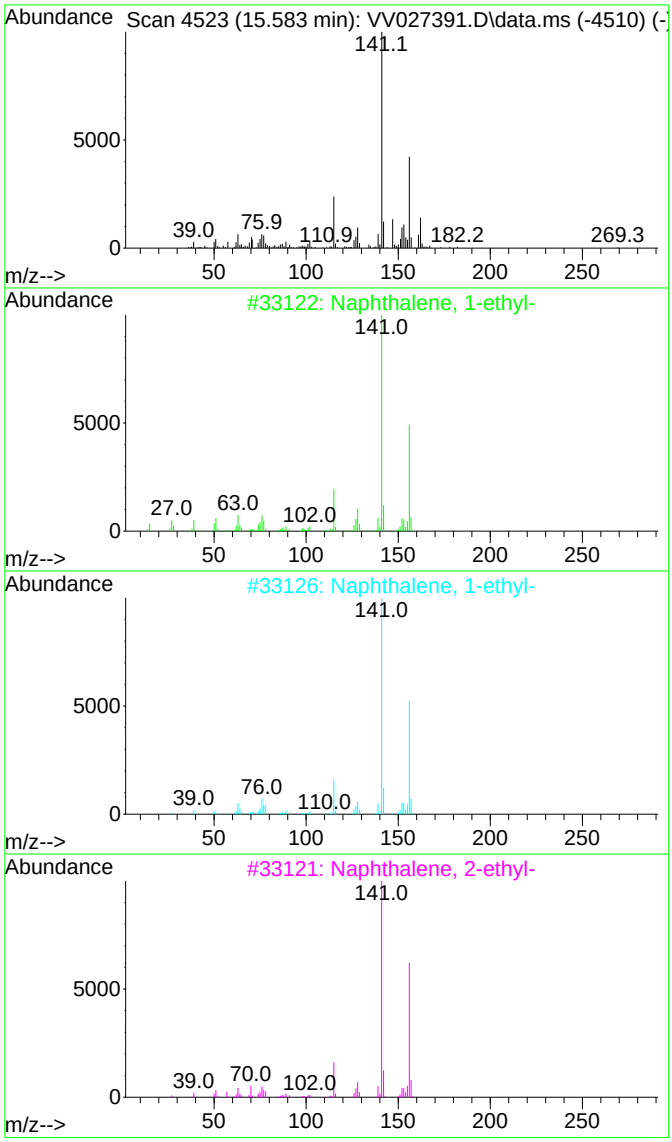
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

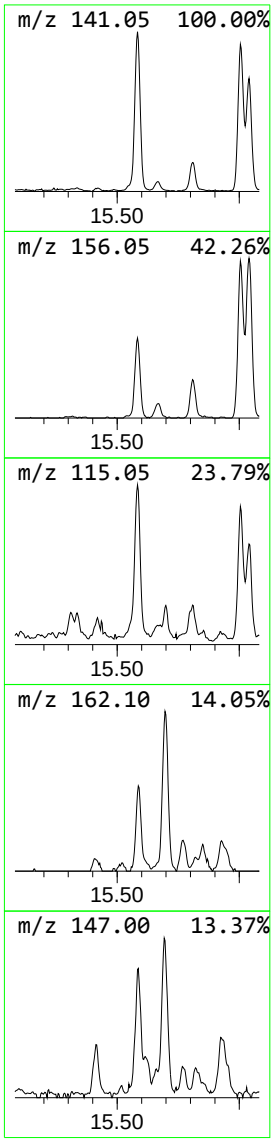
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Naphthalene, 1-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.583	2.44 ug/L	237943	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	81
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	81
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	81
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

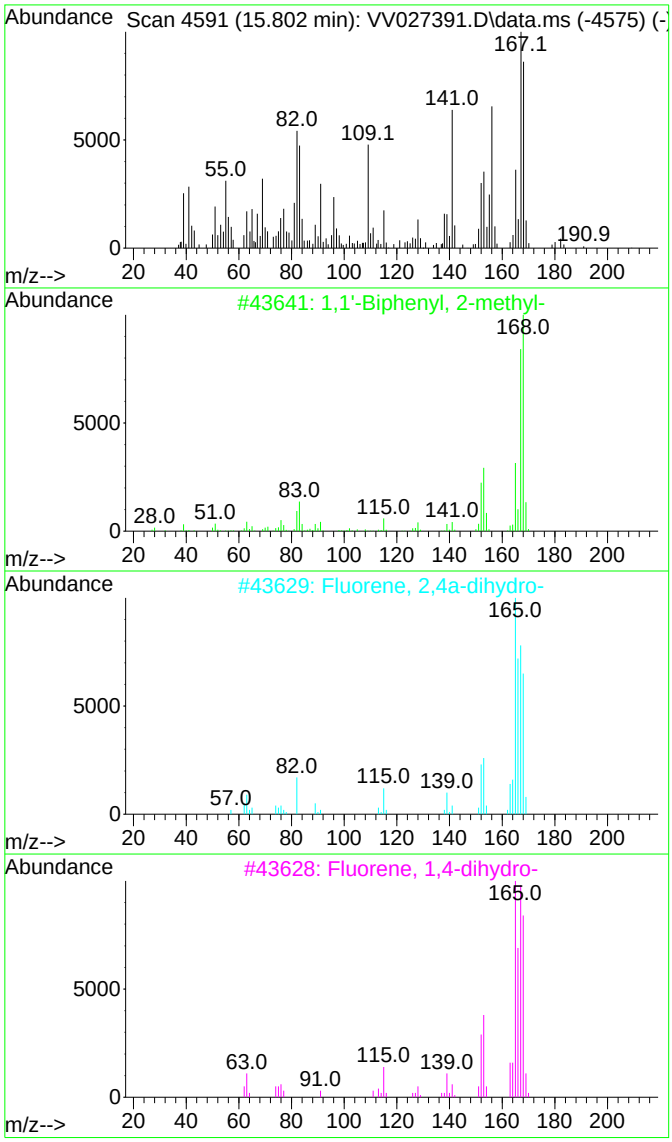
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

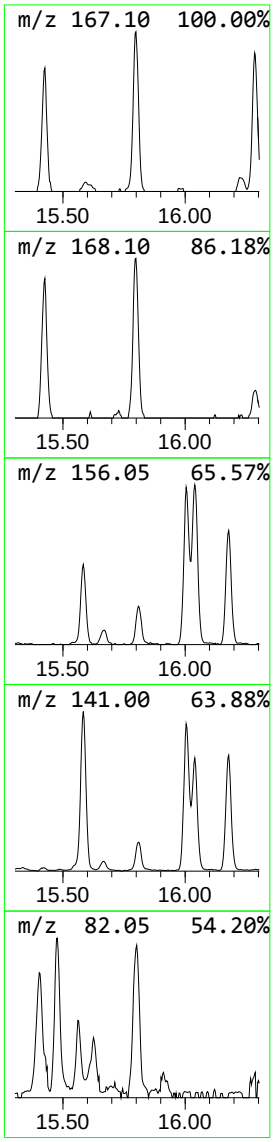
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 Fluorene, 2,4a-dihydro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.802	1.93 ug/L	188221	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	90
2	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	89
3	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	89
4	Diphenylmethane	168	C13H12	000101-81-5	86
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

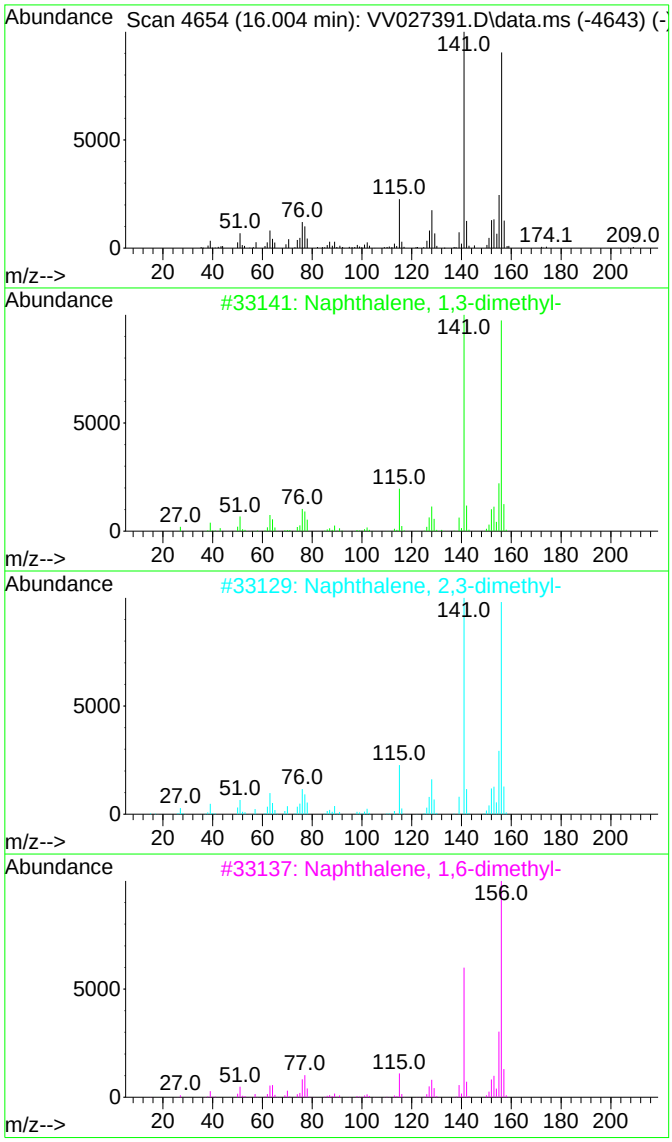
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

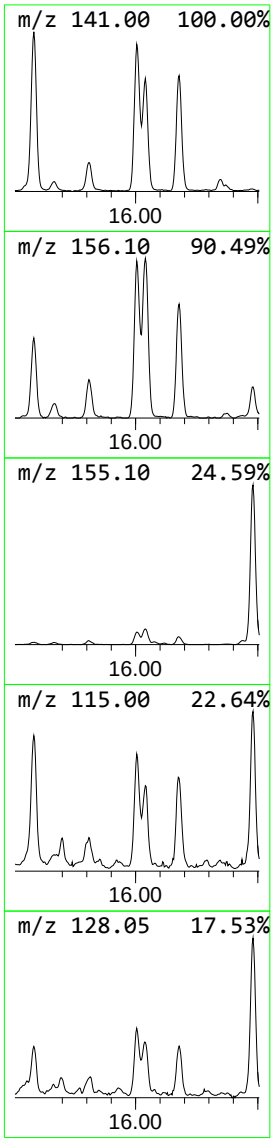
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Naphthalene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.005	2.06 ug/L	200757	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

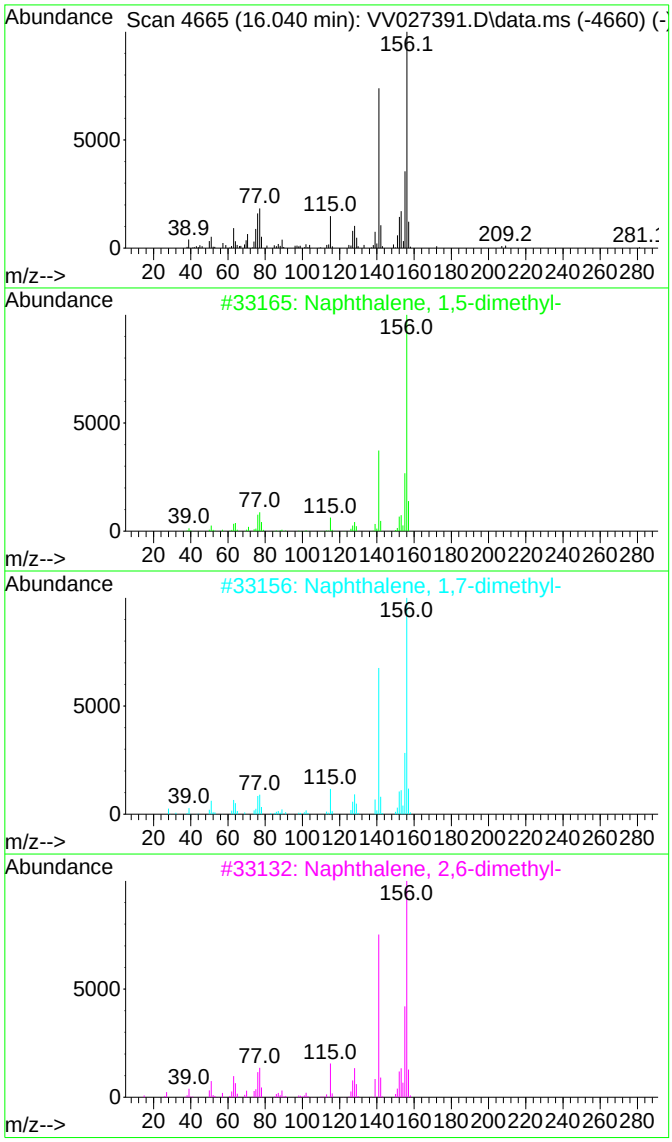
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

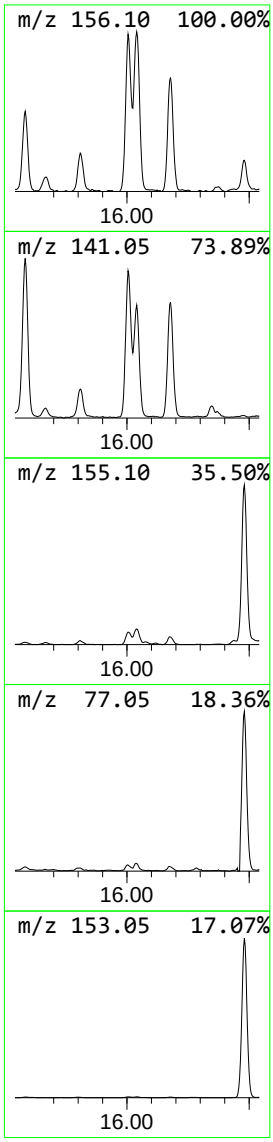
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Naphthalene, 1,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.040	1.78 ug/L	173552	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

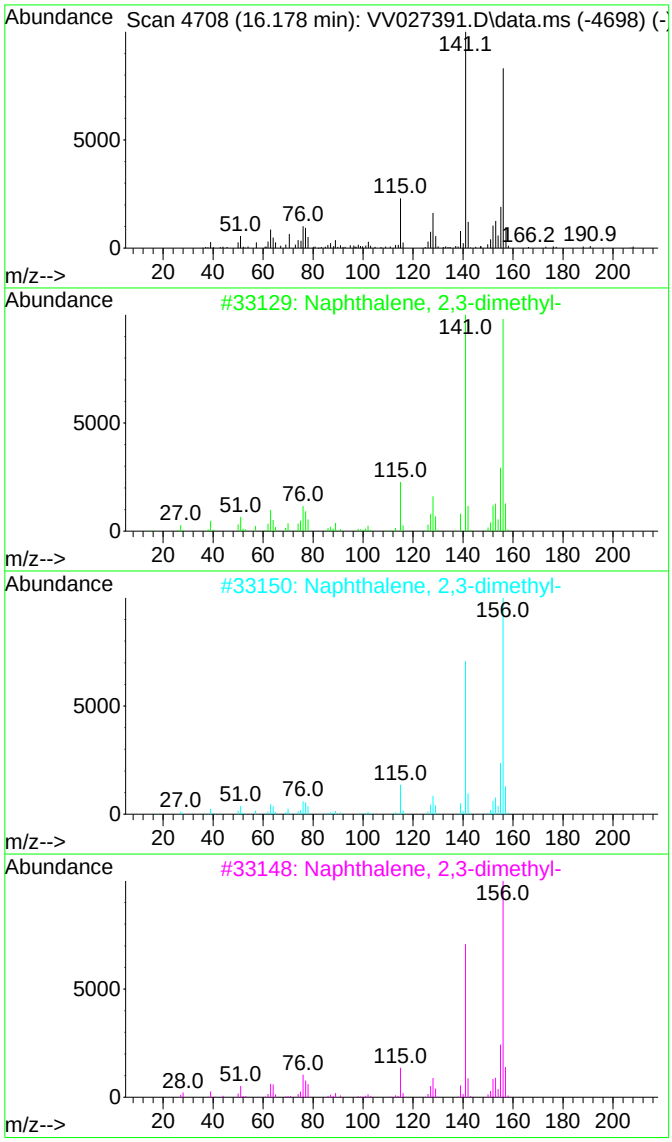
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

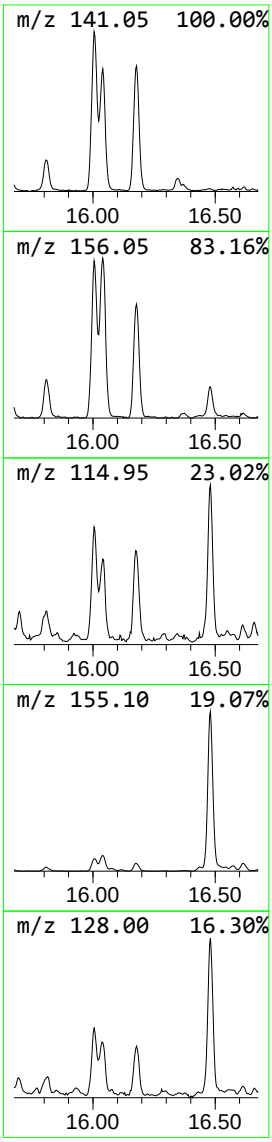
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.178	1.56 ug/L	152129	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

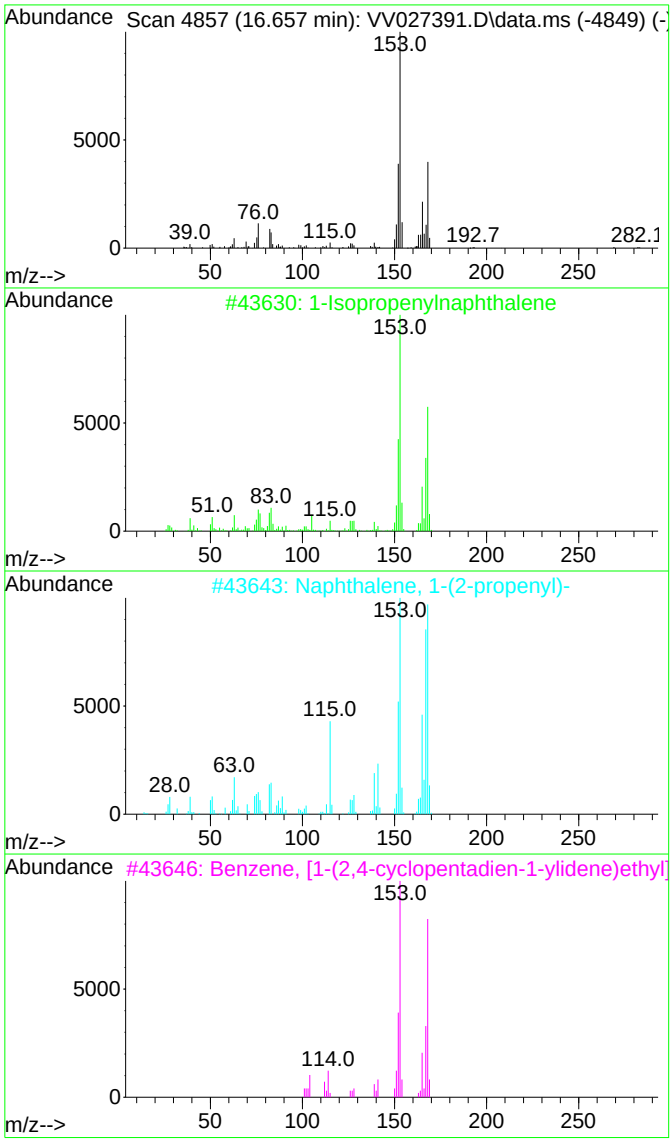
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0

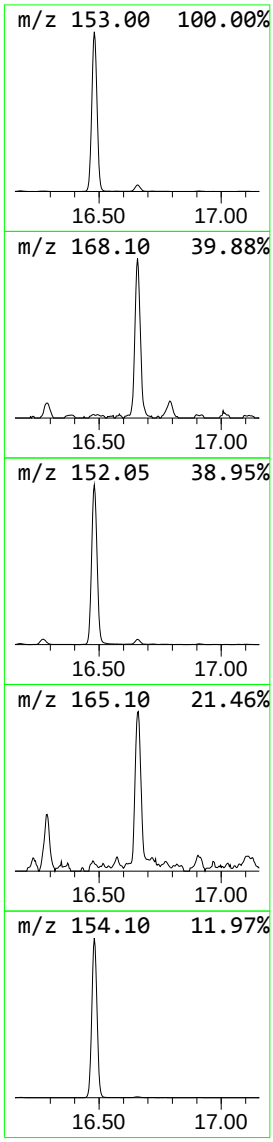
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 1-Isopropenylnaphthalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.657	1.46 ug/L	142128	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	72
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	72
3	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	50
4	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	47
5	Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081522\
Data File : VV027391.D
Acq On : 15 Aug 2022 16:22
Operator : SY/MD
Sample : N4192-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB5

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Aminomethanesul...	1.211	1.9	ug/L	139716	1	5.609	363521	5.0
Benzene, 1-chlo...	8.957	4.3	ug/L	406964	2	8.847	478001	5.0
Benzene, (1-met...	11.085	0.7	ug/L	71268	3	11.246	488334	5.0
Indane	11.526	1.6	ug/L	158720	3	11.246	488334	5.0
1-Propyne, 3-ph...	11.744	1.2	ug/L	117869	3	11.246	488334	5.0
Benzene, 1-meth...	12.111	2.4	ug/L	235139	3	11.246	488334	5.0
Benzene, 1,2,3,...	12.413	0.5	ug/L	49972	3	11.246	488334	5.0
Benzofuran, 7-m...	12.461	1.9	ug/L	182457	3	11.246	488334	5.0
Benzene, 1-ethy...	12.876	1.1	ug/L	103498	3	11.246	488334	5.0
Cycloprop[a]ind...	12.944	1.5	ug/L	145341	3	11.246	488334	5.0
2-Methylindene	13.050	2.2	ug/L	213279	3	11.246	488334	5.0
1H-Indene, 2,3-...	13.214	0.9	ug/L	87444	3	11.246	488334	5.0
Benzene, 1,2,4-...	13.403	1.0	ug/L	99208	3	11.246	488334	5.0
Azulene	13.496	4.0	ug/L	386379	3	11.246	488334	5.0
Benzo[b]thiophene	13.612	1.0	ug/L	99029	3	11.246	488334	5.0
Benzofuran, 4,7...	13.667	1.1	ug/L	109363	3	11.246	488334	5.0
Benzene, pentam...	14.226	1.4	ug/L	134834	3	11.246	488334	5.0
Benzo[c]thiophe...	14.288	1.4	ug/L	135066	3	11.246	488334	5.0
Benzo[b]thiophe...	14.570	2.3	ug/L	220247	3	11.246	488334	5.0
1H-Indene, 2,3-...	14.616	1.0	ug/L	95293	3	11.246	488334	5.0
2,5,6-Trimethyl...	14.677	1.0	ug/L	98598	3	11.246	488334	5.0
unknown-01	14.825	3.7	ug/L	357825	3	11.246	488334	5.0
1-Cyclohexanone...	15.069	0.8	ug/L	82612	3	11.246	488334	5.0
1,1'-Biphenyl, ...	15.416	0.8	ug/L	82118	3	11.246	488334	5.0
Naphthalene, 1-...	15.583	2.4	ug/L	237943	3	11.246	488334	5.0
Fluorene, 2,4a-...	15.802	1.9	ug/L	188221	3	11.246	488334	5.0
Naphthalene, 1,...	16.005	2.1	ug/L	200757	3	11.246	488334	5.0
Naphthalene, 1,...	16.040	1.8	ug/L	173552	3	11.246	488334	5.0
Naphthalene, 2,...	16.178	1.6	ug/L	152129	3	11.246	488334	5.0
1-Isopropenylna...	16.657	1.5	ug/L	142128	3	11.246	488334	5.0