LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112322\
Data File : VV029329.D
Acq On : 24 Nov 2022 06:03
Operator : SY/MD
Sample : N5694-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB43

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: VV029329.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.108	15	21	40	rVB	774945	721720	8.83%	1.596%
2	1.217	49	55	71	rVB2	92025	100976	1.24%	0.223%
3	1.307	76	83	93	rVB	148524	153742	1.88%	0.340%
4	1.568	156	164	174	rVB	108392	126827	1.55%	0.280%
5	2.108	319	332	347	rBV2	227770	360218	4.41%	0.797%
6	3.185	652	667	689	rBV	78222	164400	2.01%	0.364%
7	3.902	874	890	937	rBV2	235696	728740	8.92%	1.611%
8	4.339	1009	1026	1051	rBV	146015	374220	4.58%	0.828%
9	5.040	1225	1244	1252	rBV2	357700	849746	10.40%	1.879%
10	5.092	1253	1260	1289	rVB	369232	817745	10.01%	1.808%
11	5.609	1407	1421	1448	rBV	283341	577718	7.07%	1.278%
12	6.063	1546	1562	1596	rBV	194263	414468	5.07%	0.917%
13	6.979	1835	1847	1869	rBV	91947	176752	2.16%	0.391%
14	7.310	1938	1950	1966	rBV	448634	805228	9.85%	1.781%
15	7.616	2034	2045	2060	rBV	53142	97494	1.19%	0.216%
16	8.085	2177	2191	2227	rBV2	381503	760875	9.31%	1.683%
17	8.844	2415	2427	2449	rBV	398597	665423	8.14%	1.471%
18	9.535	2634	2642	2660	rVB	64597	103783	1.27%	0.229%
19	9.921	2749	2762	2789	rBV	1062807	1646315	20.15%	3.641%
20	10.207	2832	2851	2866	rBV	133199	223036	2.73%	0.493%
21	10.728	3002	3013	3032	rVB	112808	176359	2.16%	0.390%
22	11.239	3161	3172	3182	rBV	438432	695245	8.51%	1.537%
23	11.516	3246	3258	3277	rBV	491680	787372	9.64%	1.741%
24	11.612	3277	3288	3307	rVB	445871	721339	8.83%	1.595%
25	11.734	3314	3326	3338	rBV	590054	878020	10.75%	1.942%
26	11.818	3338	3352	3367	rVB	170843	293885	3.60%	0.650%
27	12.104	3427	3441	3460	rBV	4675587	6975585	85.37%	15.425%
28	12.349	3504	3517	3536	rBV	5548485	8171045	100.00%	18.069%
29	12.468	3537	3554	3568	rVV	1675172	4517354	55.28%	9.989%
30	12.529	3568	3573	3592	rVB	821311	1248149	15.28%	2.760%
31	12.744	3635	3640	3651	rVB	61841	88585	1.08%	0.196%
32	12.934	3688	3699	3714	rVB2	128823	210986	2.58%	0.467%
33	13.033	3714	3730	3746	rVB	127052	204583	2.50%	0.452%
34	13.201	3770	3782	3791	rBV	183328	294890	3.61%	0.652%
35	13.297	3805	3812	3817	rBV	98575	148704	1.82%	0.329%
36	13.355	3824	3830	3843	rVB	161562	241125	2.95%	0.533%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112322\
Data File : VV029329.D
Acq On : 24 Nov 2022 06:03
Operator : SY/MD
Sample : N5694-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB43

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	13.480	3857	3869	3877	rBV2	321636	573111	7.01%	1.267%
38	13.525	3877	3883	3892	rVV2	187105	302787	3.71%	0.670%
39	13.609	3893	3909	3948	rVV	4612417	8087978	98.98%	17.885%
40	14.278	4107	4117	4138	rVB2	85014	149240	1.83%	0.330%
41	14.564	4193	4206	4232	rBV	162015	345040	4.22%	0.763%
42	14.799	4267	4279	4306	rVB	119564	240631	2.94%	0.532%

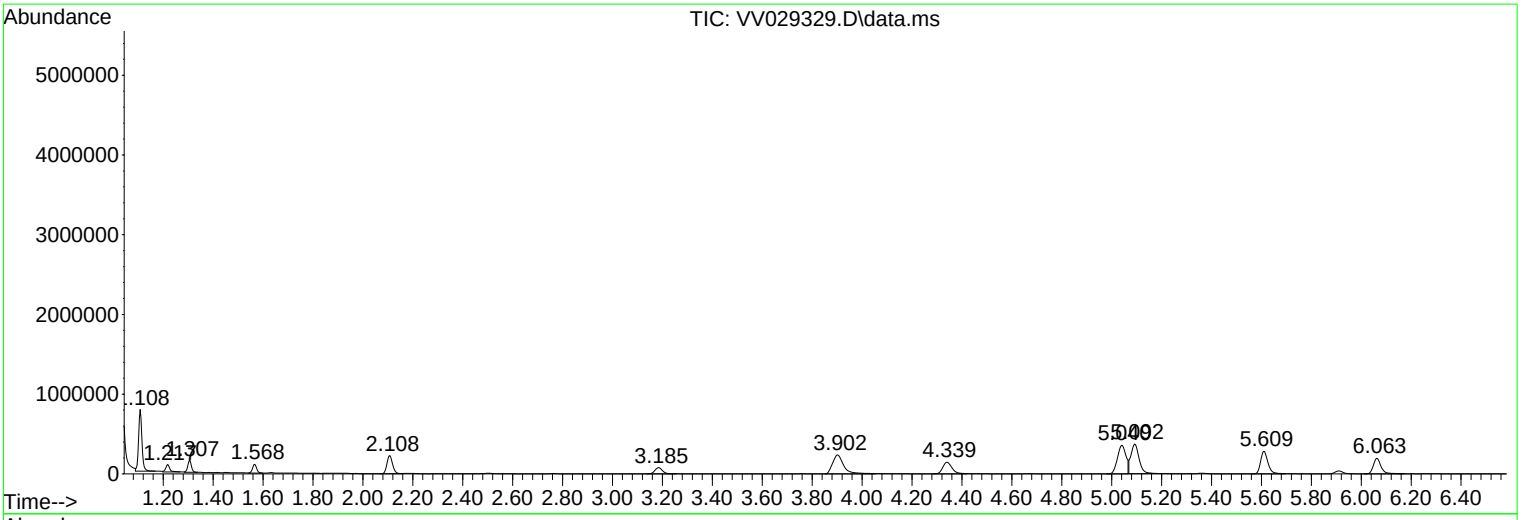
Sum of corrected areas: 45221439

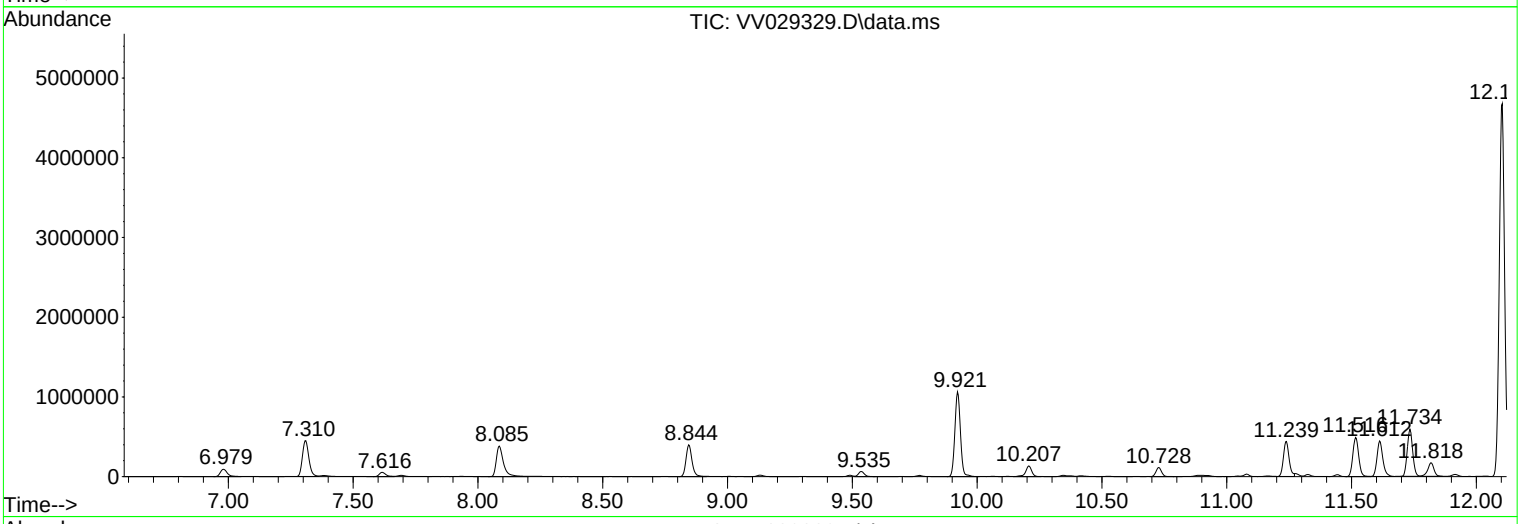
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112322\
Data File : VV029329.D
Acq On : 24 Nov 2022 06:03
Operator : SY/MD
Sample : N5694-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

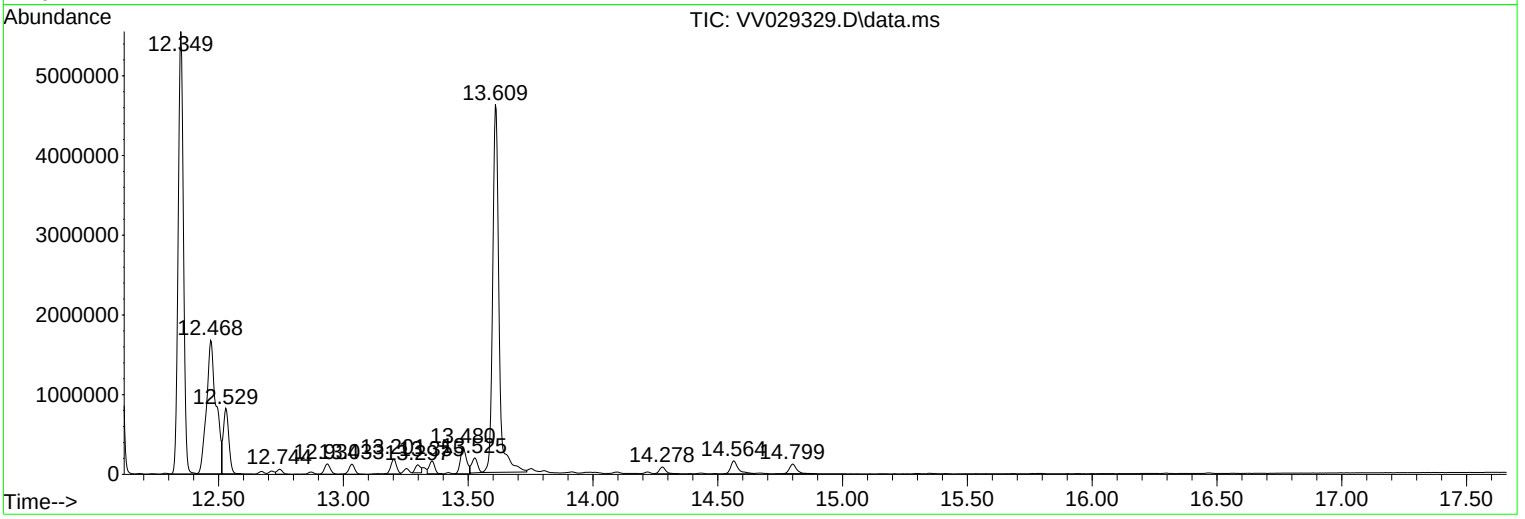
Instrument :
MSVOA_V
ClientSampleId :
BHB43

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112322\
Data File : VV029329.D
Acq On : 24 Nov 2022 06:03
Operator : SY/MD
Sample : N5694-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB43

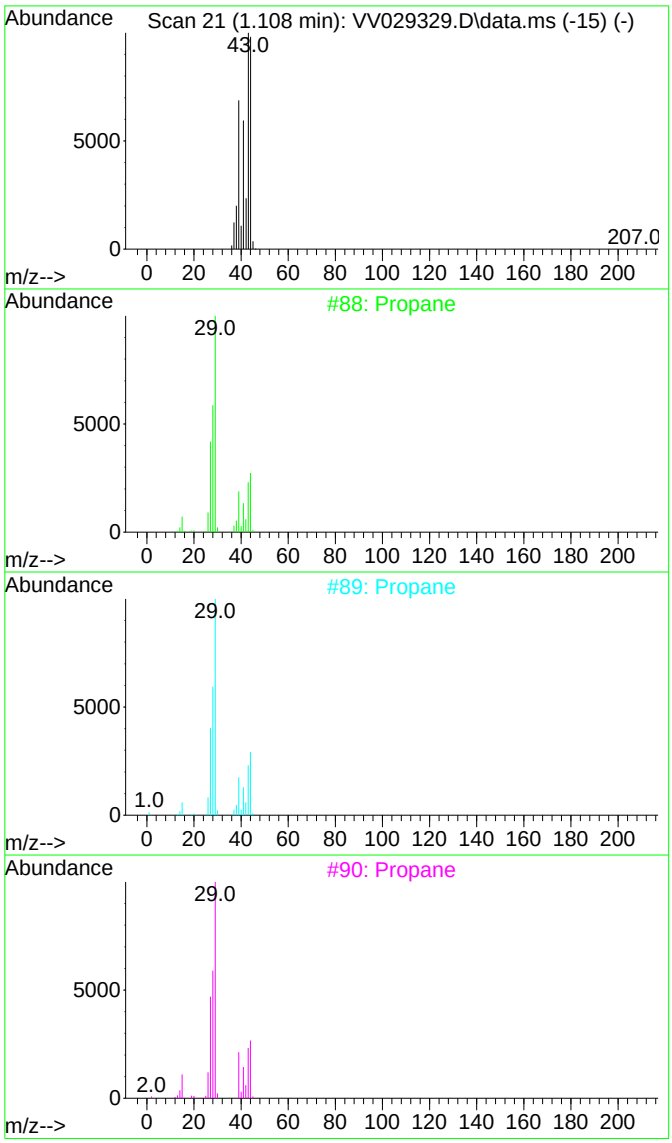
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

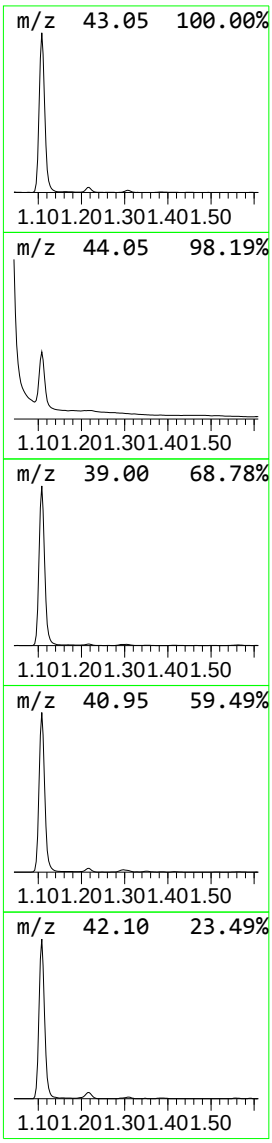
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.108	6.25 ug/L	721720	1,4-Difluorobenzene	5.609

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane	44	C3H8	000074-98-6	90
2	Propane	44	C3H8	000074-98-6	83
3	Propane	44	C3H8	000074-98-6	9
4	Propene	42	C3H6	000115-07-1	9
5	Ethylene oxide	44	C2H4O	000075-21-8	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112322\
Data File : VV029329.D
Acq On : 24 Nov 2022 06:03
Operator : SY/MD
Sample : N5694-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB43

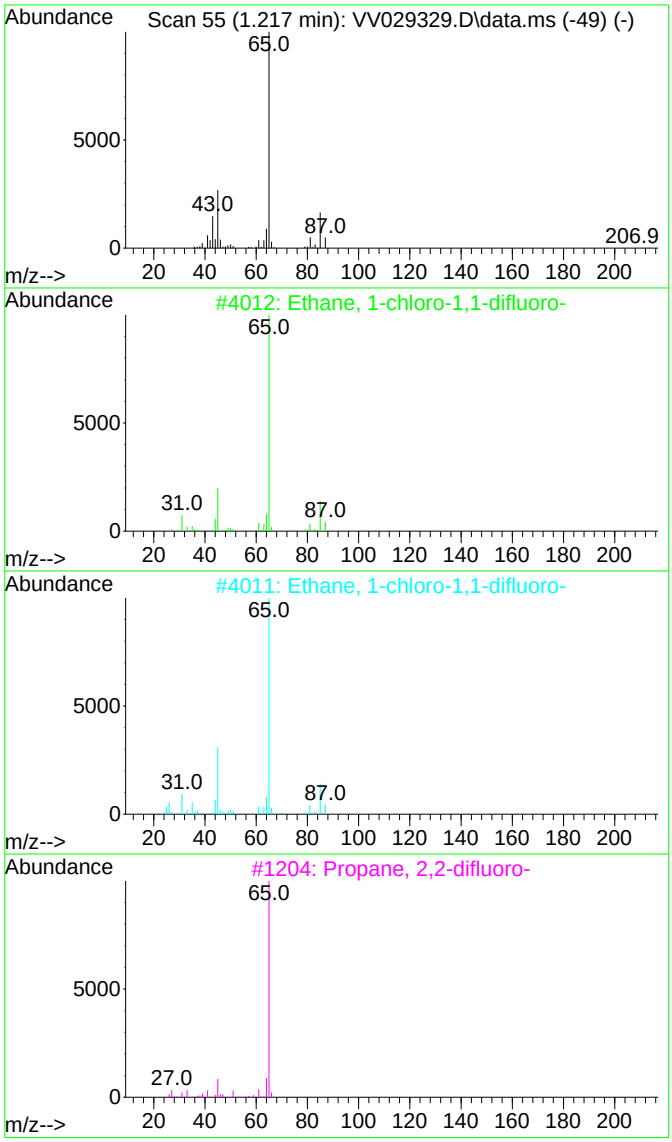
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

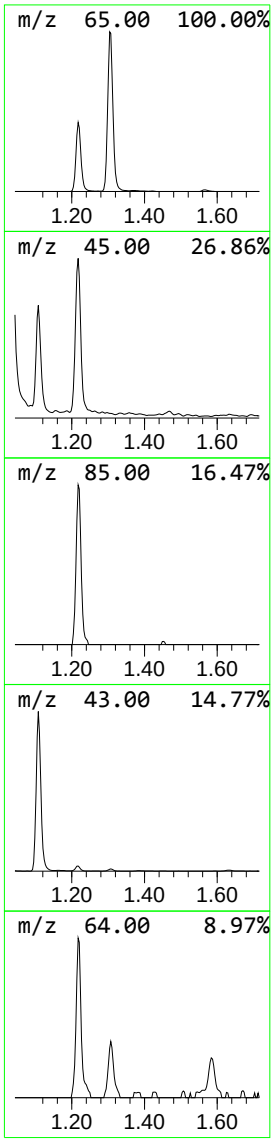
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethane, 1-chloro-1,1-difluoro- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.217	0.87 ug/L	100976	1,4-Difluorobenzene	5.609

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1-chloro-1,1-difluoro-	100	C2H3ClF2	000075-68-3	83
2	Ethane, 1-chloro-1,1-difluoro-	100	C2H3ClF2	000075-68-3	43
3	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	9
4	2,2-Difluoropropionic acid	110	C3H4F2O2	000373-96-6	4
5	Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112322\
Data File : VV029329.D
Acq On : 24 Nov 2022 06:03
Operator : SY/MD
Sample : N5694-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB43

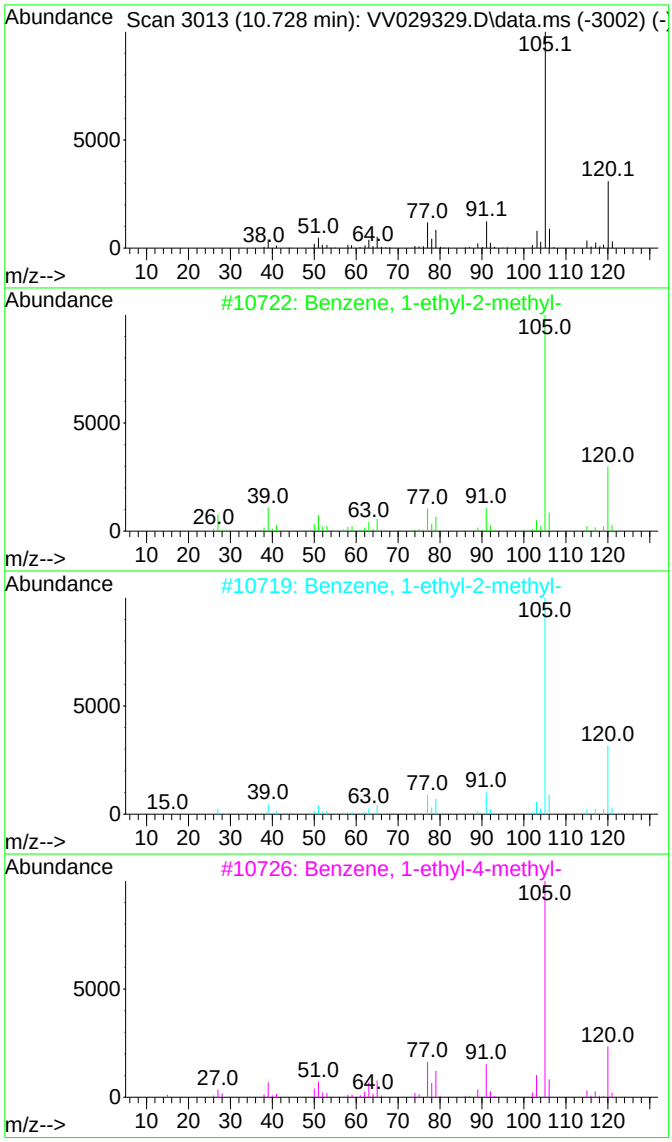
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

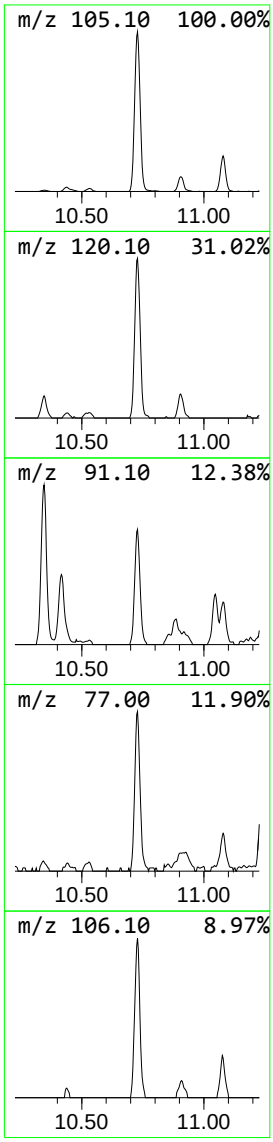
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.728	1.27 ug/L	176359	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112322\
Data File : VV029329.D
Acq On : 24 Nov 2022 06:03
Operator : SY/MD
Sample : N5694-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB43

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

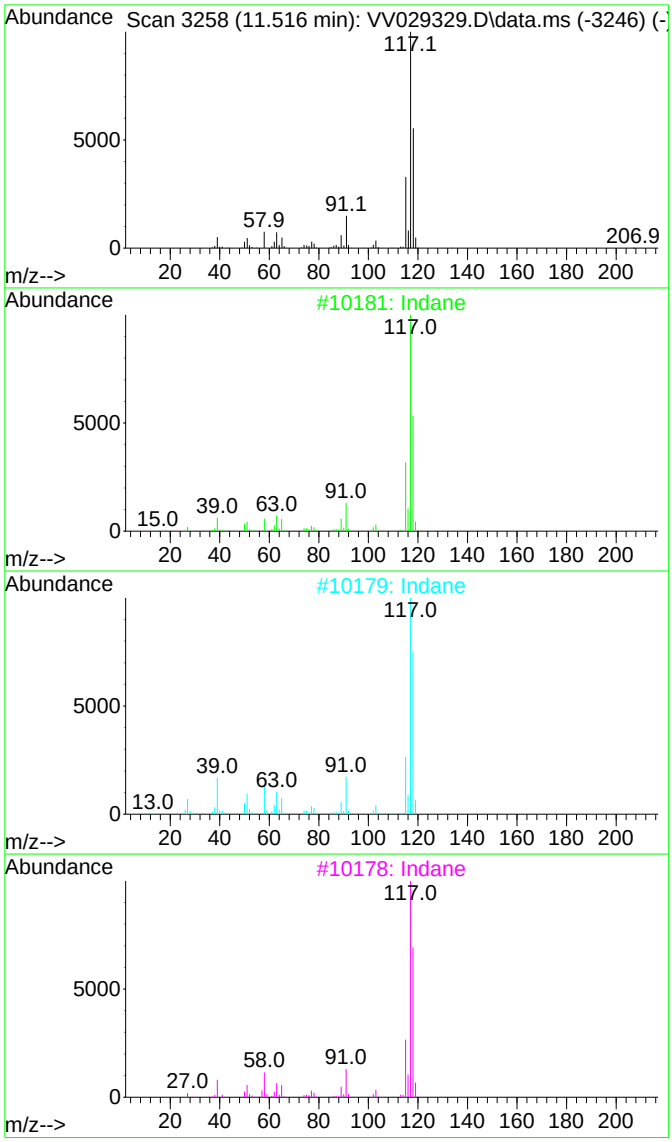
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

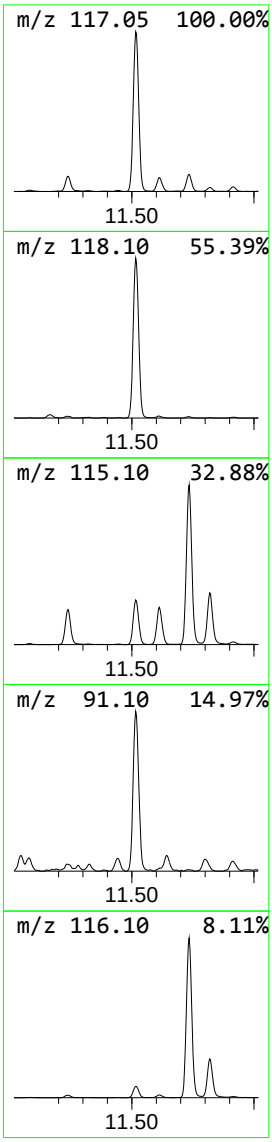
****

Peak Number 5 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.516	5.66 ug/L	787372	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	91
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	74
5	Deltacyclene	118	C9H10	007785-10-6	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112322\
Data File : VV029329.D
Acq On : 24 Nov 2022 06:03
Operator : SY/MD
Sample : N5694-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB43

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

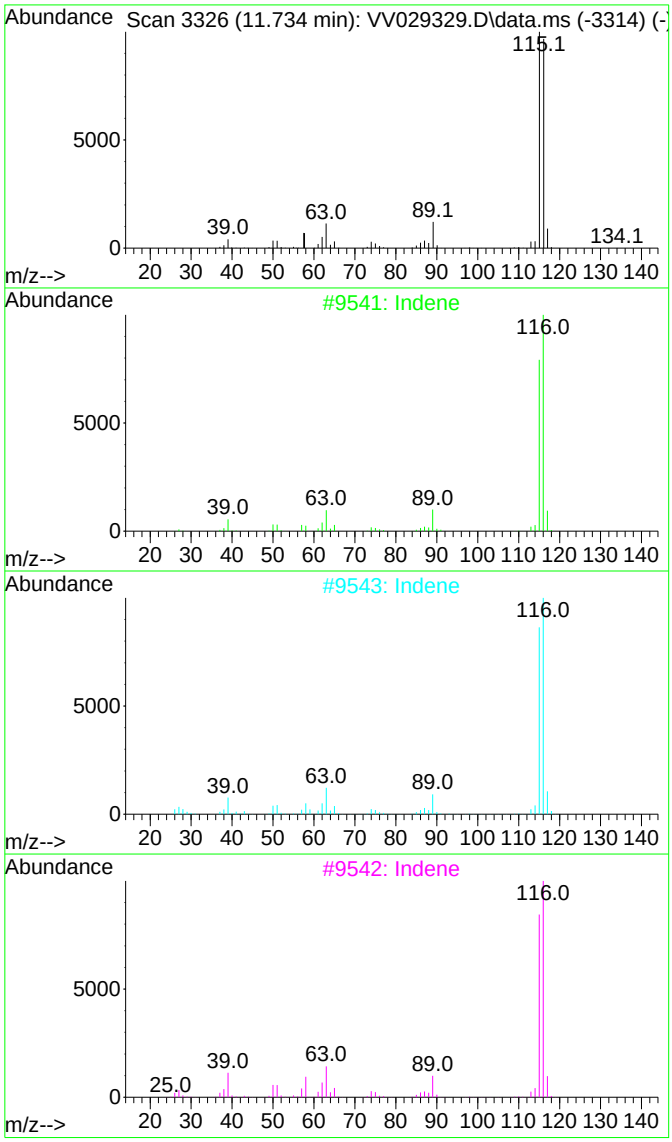
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

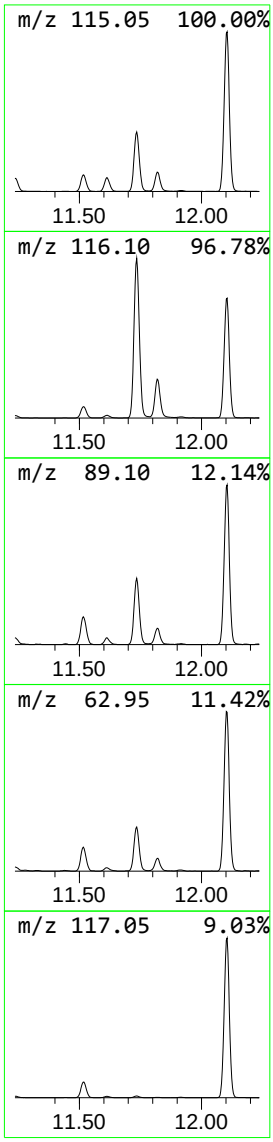
****

Peak Number 6 Indene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.735	6.31 ug/L	878020	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	Indene	116	C9H8	000095-13-6	94
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112322\
Data File : VV029329.D
Acq On : 24 Nov 2022 06:03
Operator : SY/MD
Sample : N5694-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB43

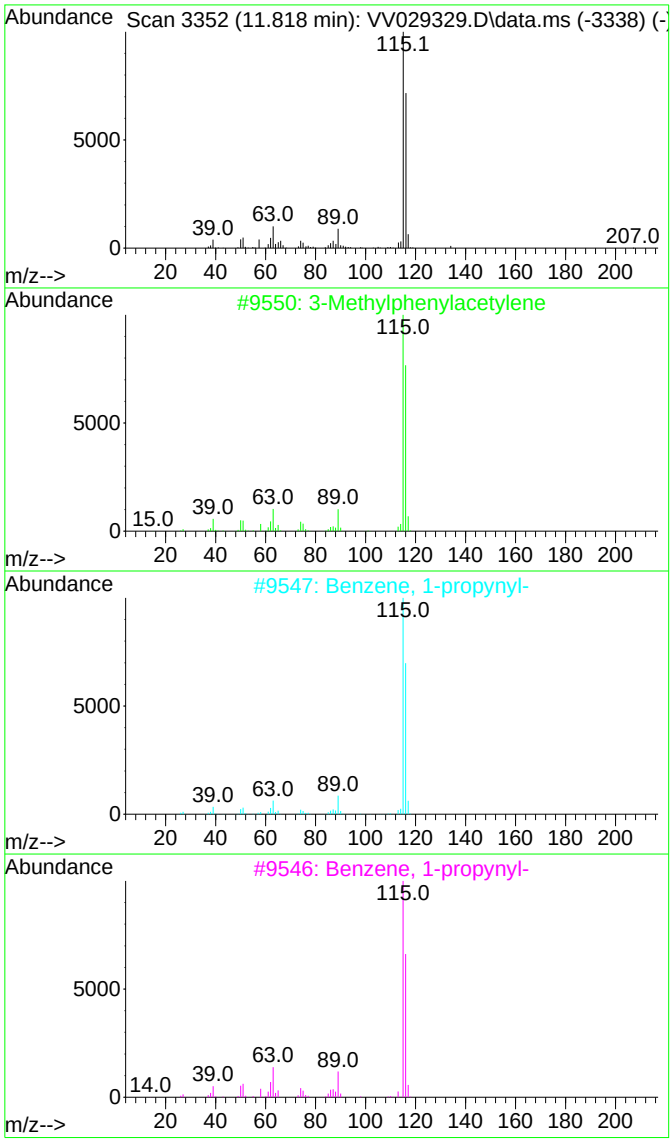
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

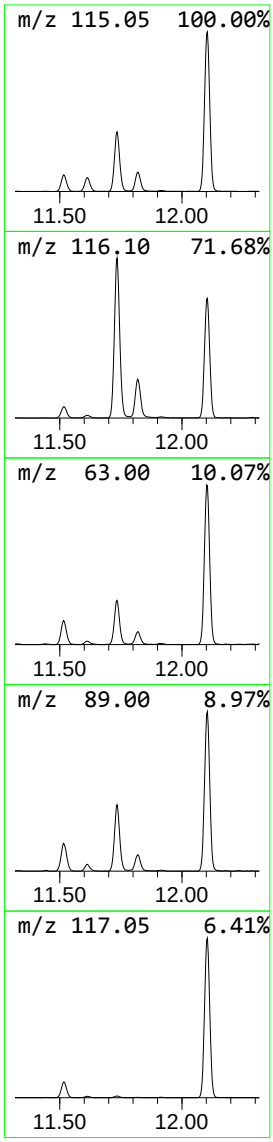
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 3-Methylphenylacetylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.818	2.11 ug/L	293885	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylphenylacetylene	116	C9H8	000766-82-5	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91





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Data File : VV029329.D
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Sample : N5694-07
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ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB43

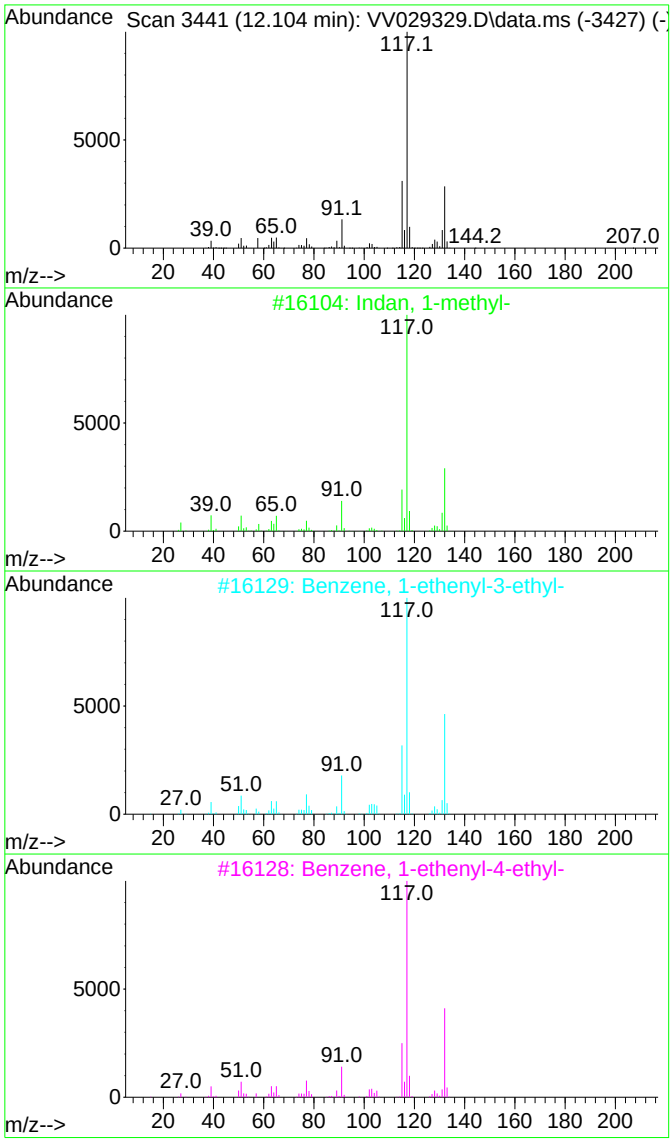
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

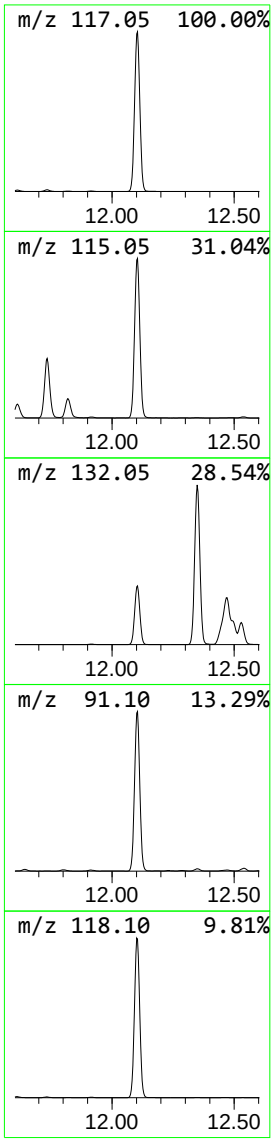
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Indan, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	50.17 ug/L	6975590	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	93
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	91
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	90
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112322\
Data File : VV029329.D
Acq On : 24 Nov 2022 06:03
Operator : SY/MD
Sample : N5694-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB43

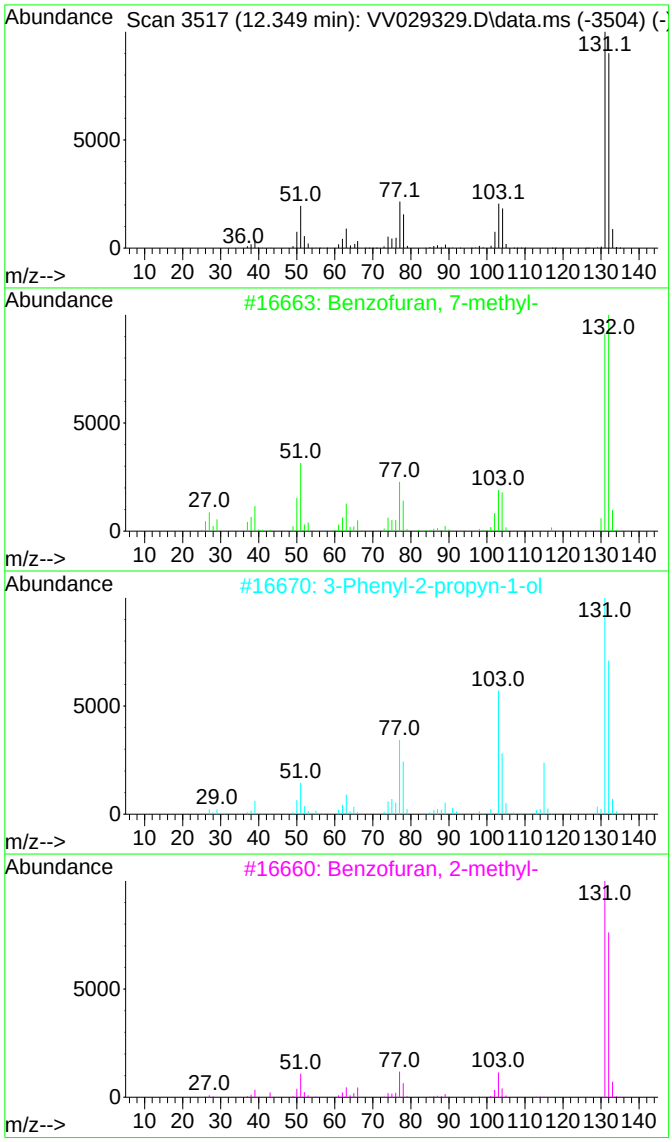
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

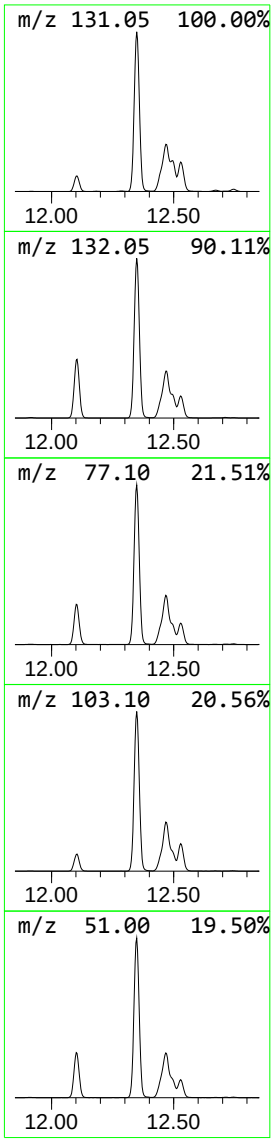
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzofuran, 7-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.349	58.76 ug/L	8171050	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
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, 2-methyl-	132	C9H8O	004265-25-2	91





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Data File : VV029329.D
Acq On : 24 Nov 2022 06:03
Operator : SY/MD
Sample : N5694-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB43

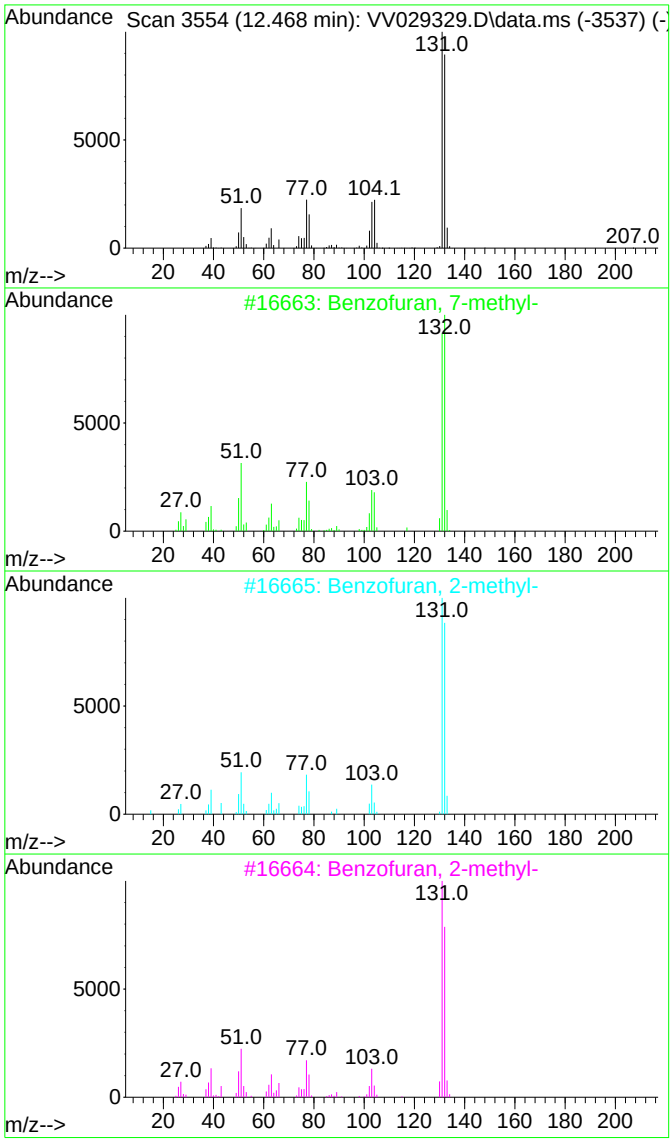
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

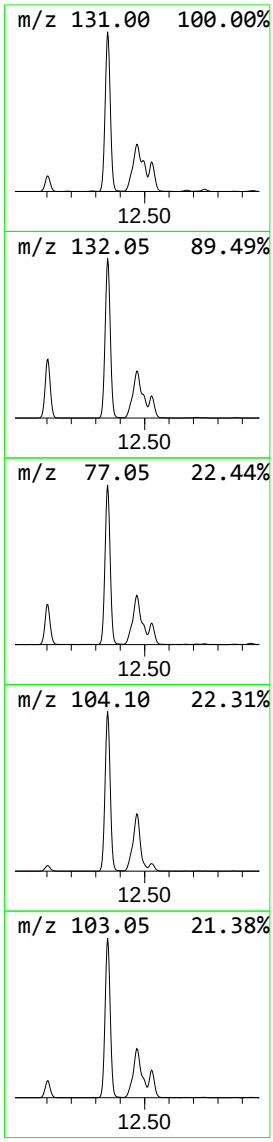
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzofuran, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.468	32.49 ug/L	4517350	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
4	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	90
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90





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Data File : VV029329.D
Acq On : 24 Nov 2022 06:03
Operator : SY/MD
Sample : N5694-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB43

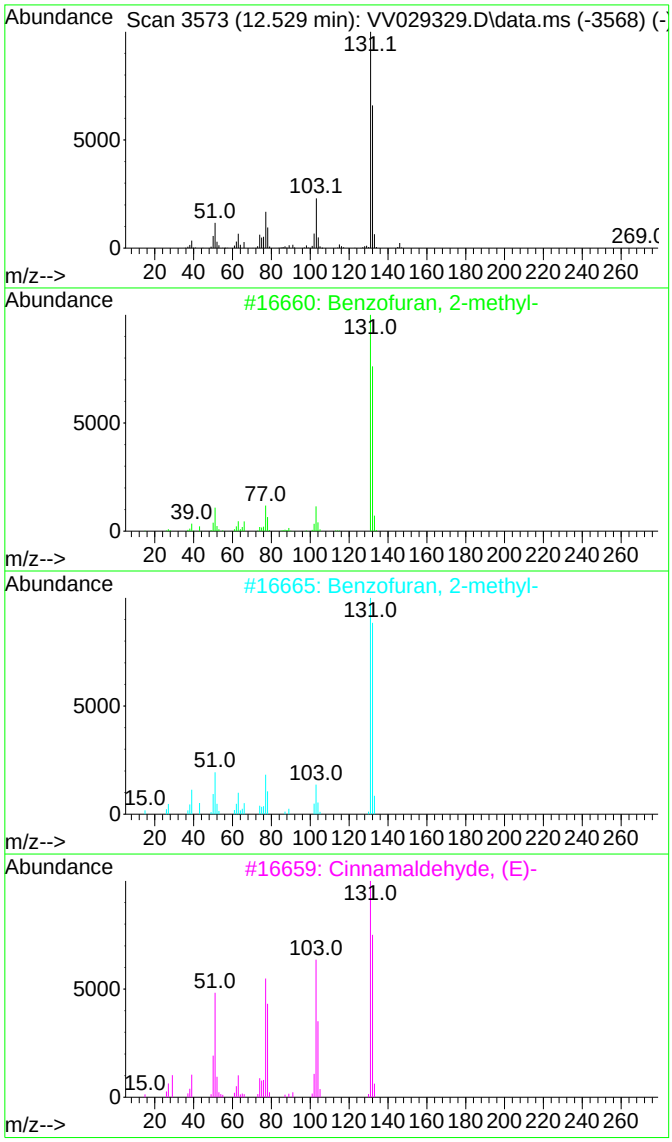
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

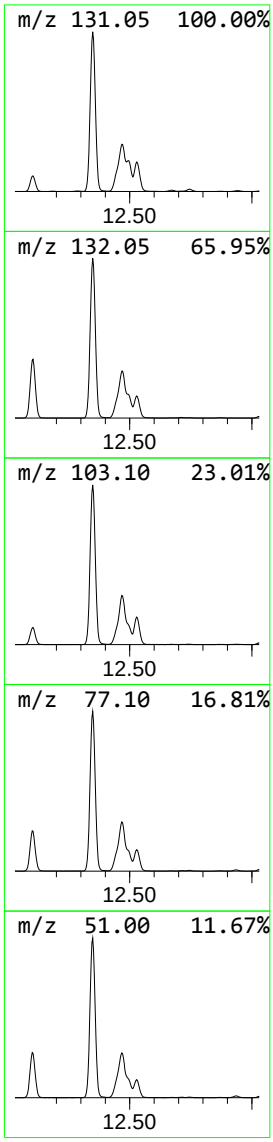
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cinnamaldehyde, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.529	8.98 ug/L	1248150	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91





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Data File : VV029329.D
Acq On : 24 Nov 2022 06:03
Operator : SY/MD
Sample : N5694-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB43

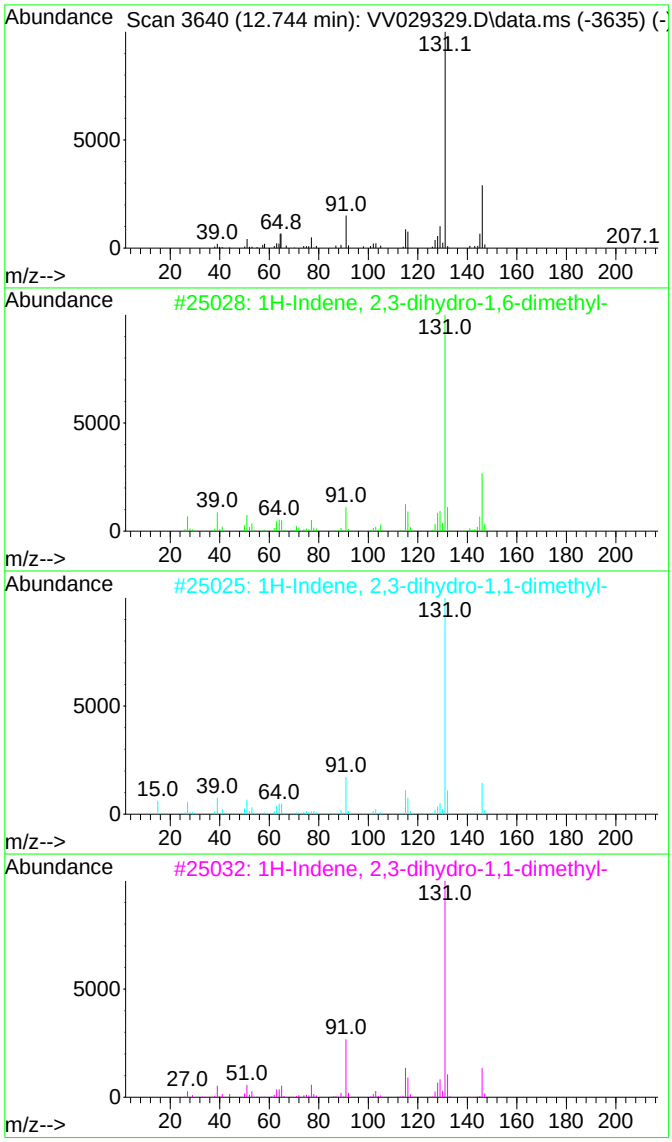
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

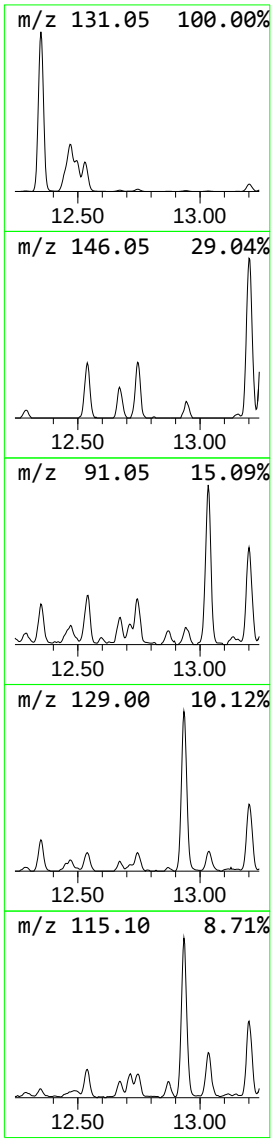
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.744	0.64 ug/L	88585	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	86
2	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	86
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	83
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	80
5	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112322\
Data File : VV029329.D
Acq On : 24 Nov 2022 06:03
Operator : SY/MD
Sample : N5694-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB43

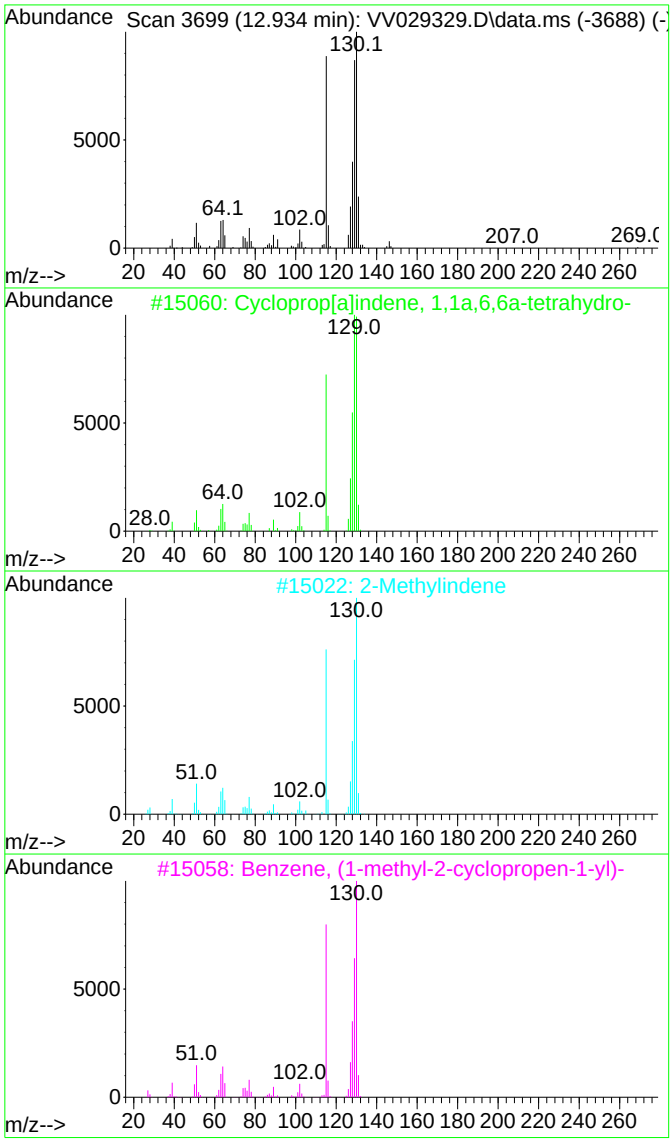
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

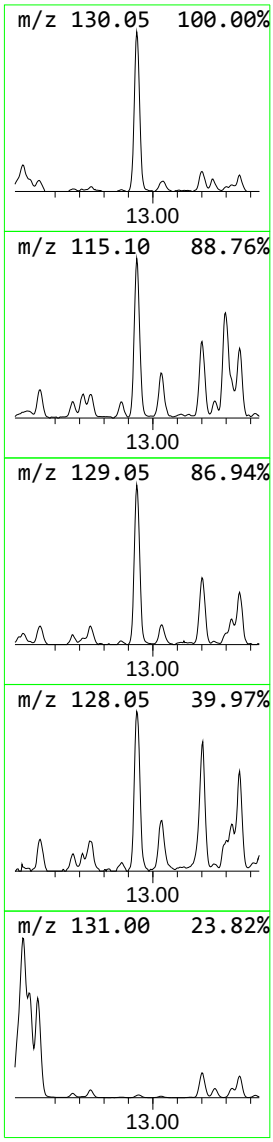
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.934	1.52 ug/L	210986	1,4-Dichlorobenzene-d4	11.239

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	2-Methylindene	130	C10H10	002177-47-1	94
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	93





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Data File : VV029329.D
Acq On : 24 Nov 2022 06:03
Operator : SY/MD
Sample : N5694-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB43

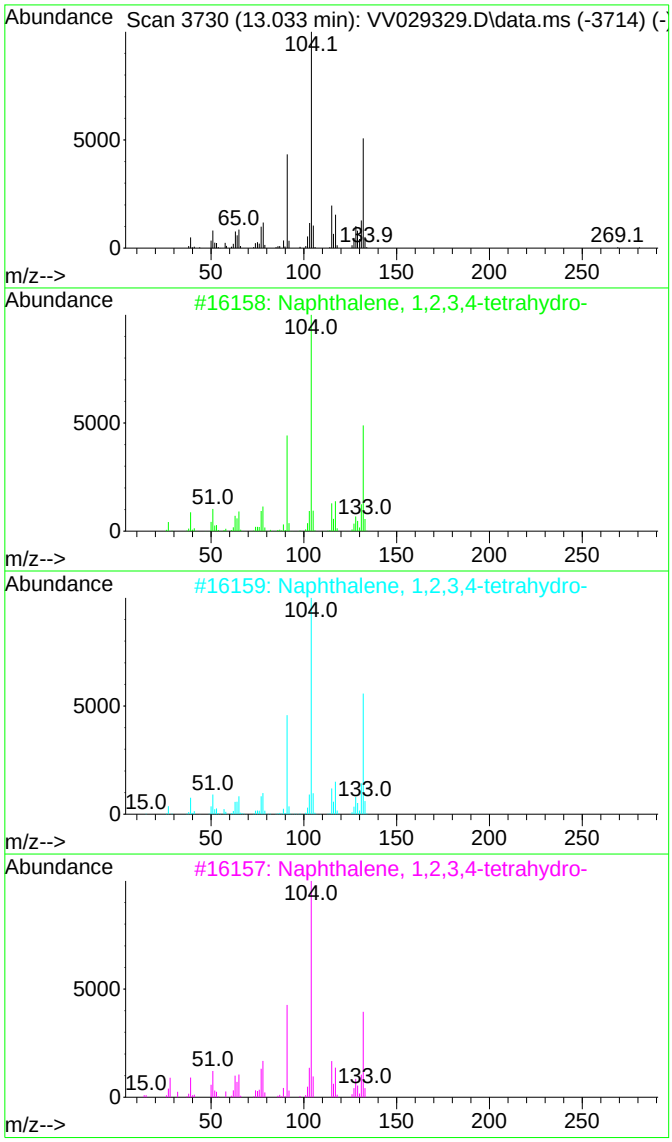
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

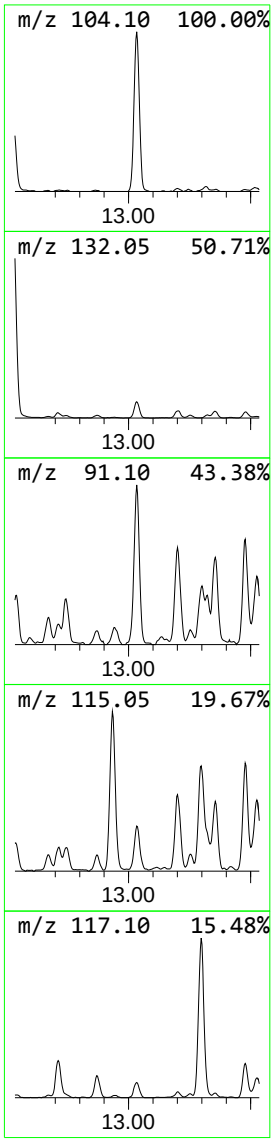
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.034	1.47 ug/L	204583	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	96
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	92
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112322\
Data File : VV029329.D
Acq On : 24 Nov 2022 06:03
Operator : SY/MD
Sample : N5694-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB43

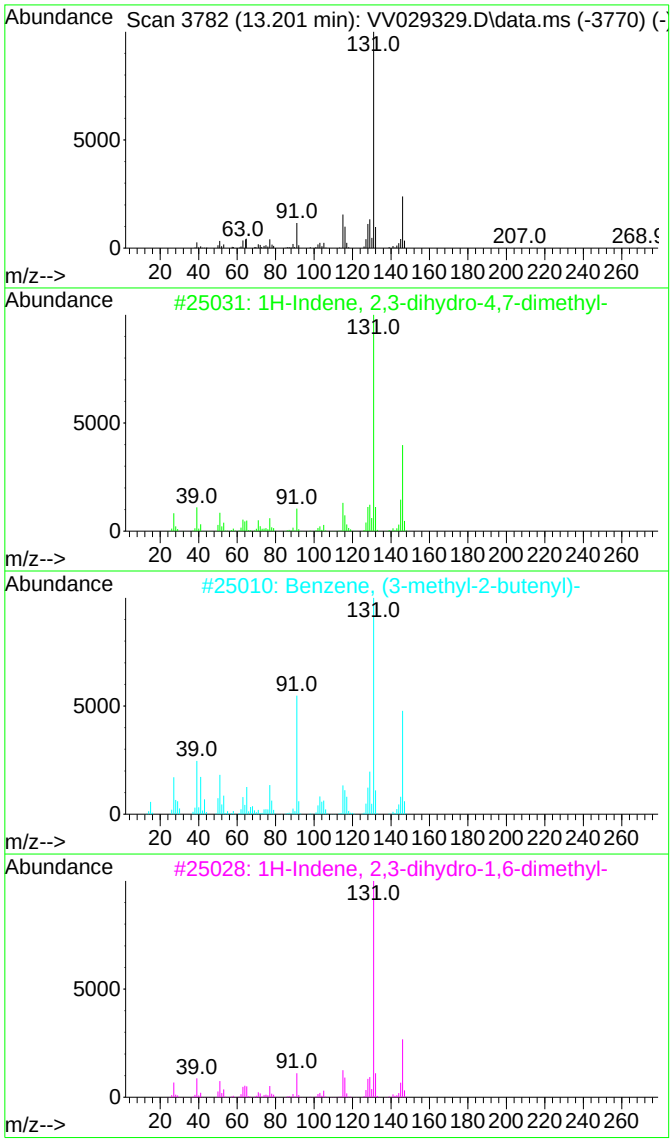
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

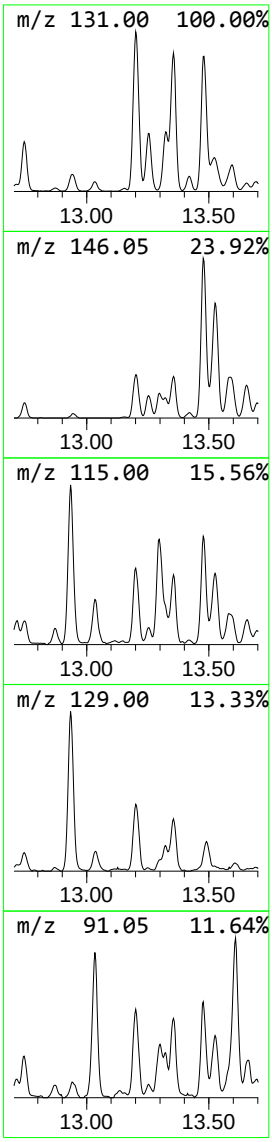
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.201	2.12 ug/L	294890	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91





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Data File : VV029329.D
Acq On : 24 Nov 2022 06:03
Operator : SY/MD
Sample : N5694-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB43

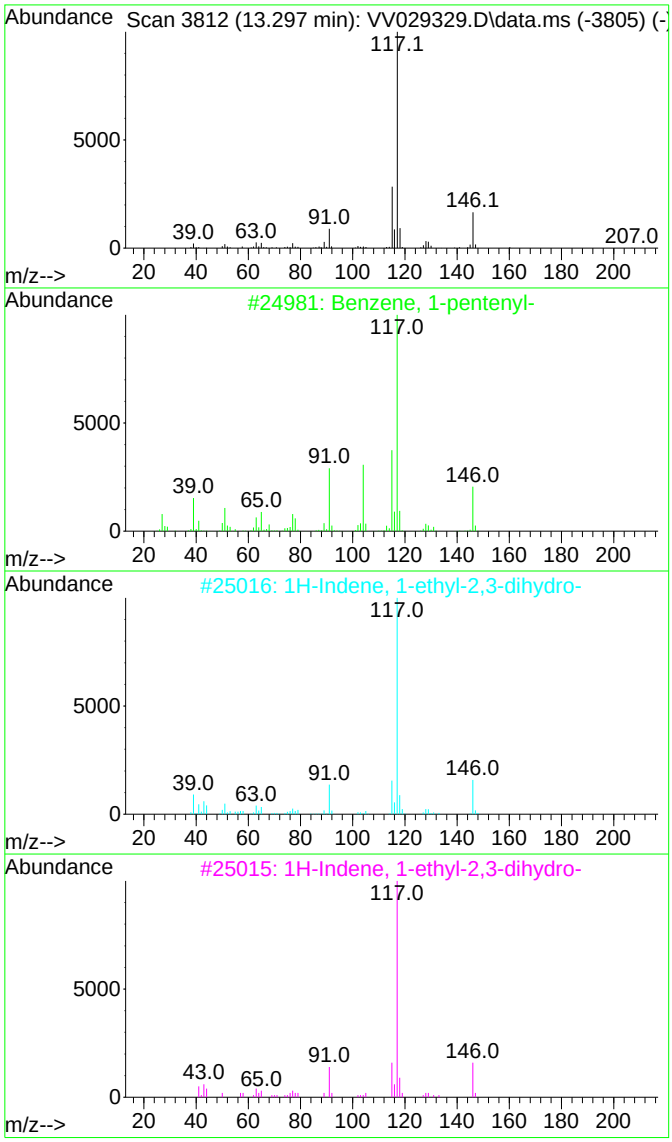
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

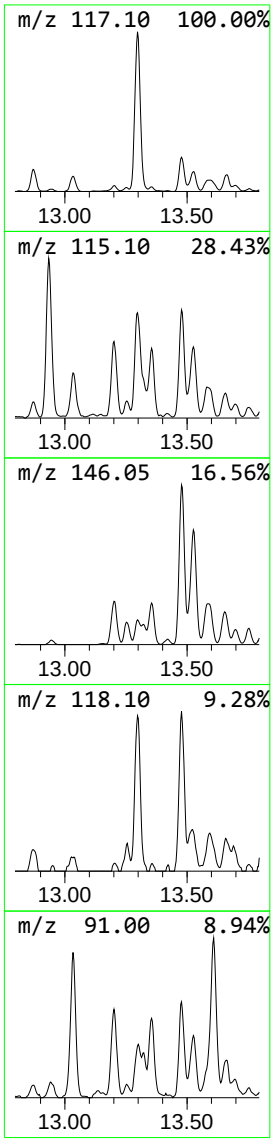
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1-pentenyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.297	1.07 ug/L	148704	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	91
2	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	72
3	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	72
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	56
5	Indan, 1-methyl-	132	C10H12	000767-58-8	56





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Data File : VV029329.D
Acq On : 24 Nov 2022 06:03
Operator : SY/MD
Sample : N5694-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB43

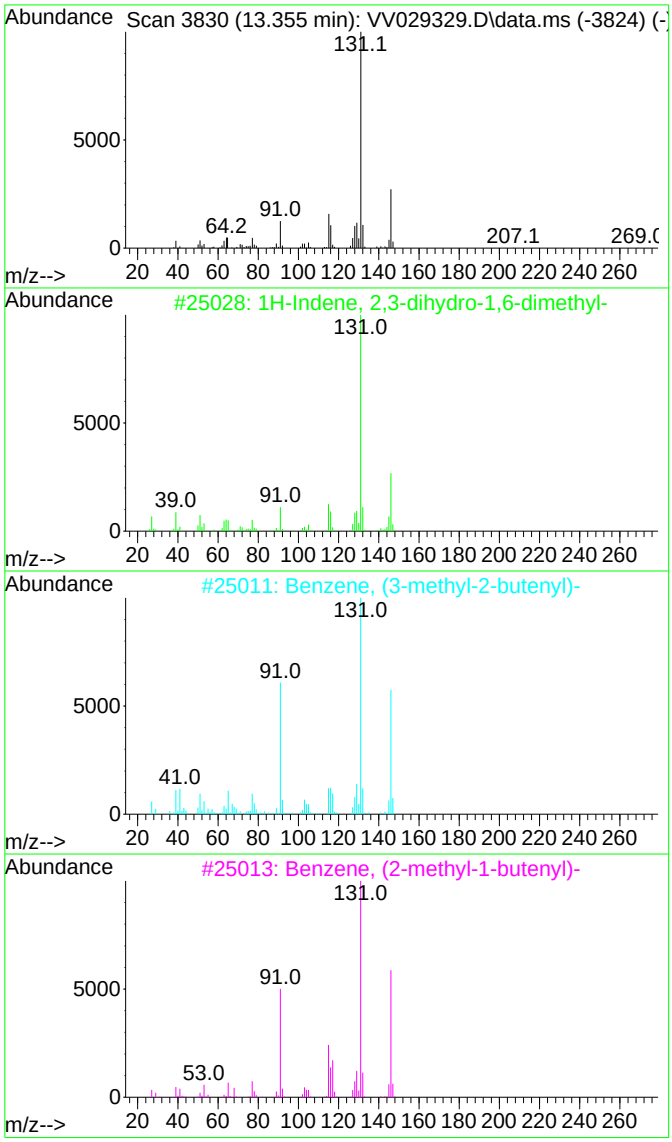
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

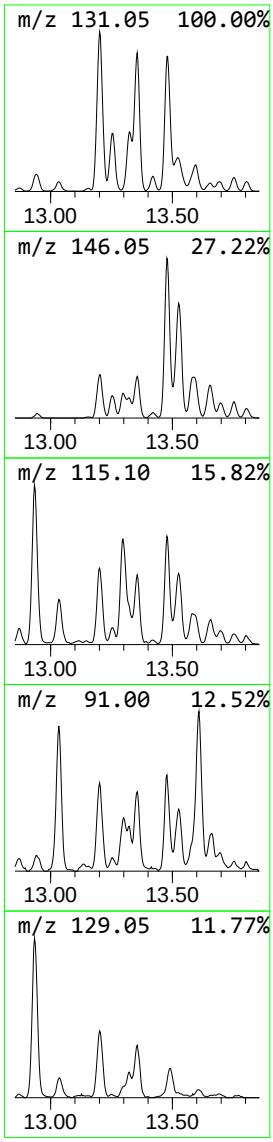
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, (3-methyl-2-butenyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.355	1.73 ug/L	241125	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	91
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112322\
Data File : VV029329.D
Acq On : 24 Nov 2022 06:03
Operator : SY/MD
Sample : N5694-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB43

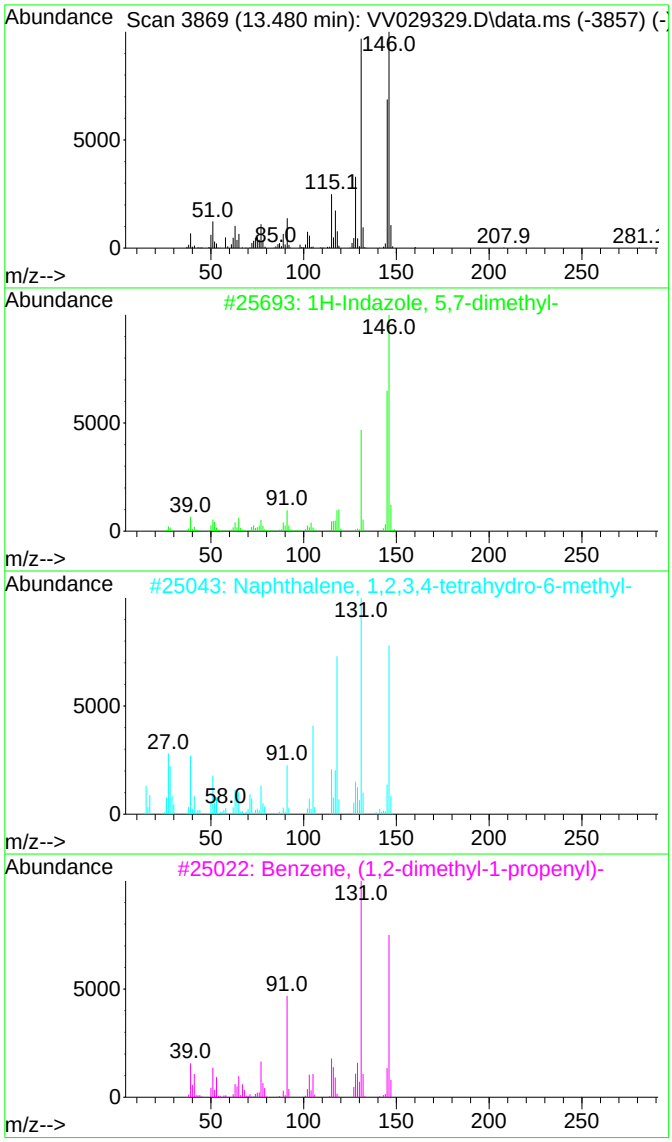
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

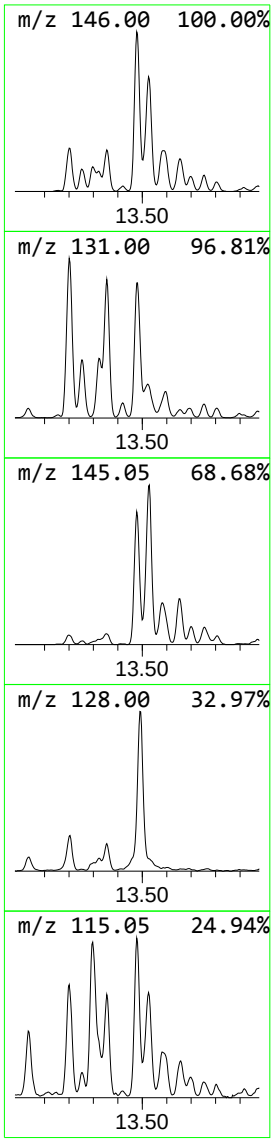
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1H-Indazole, 5,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.480	4.12 ug/L	573111	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	72
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	72
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
5	1-Decen-3-one, 5-hydroxy-4-penty...	316	C21H32O2	959035-43-9	59





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Data File : VV029329.D
Acq On : 24 Nov 2022 06:03
Operator : SY/MD
Sample : N5694-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB43

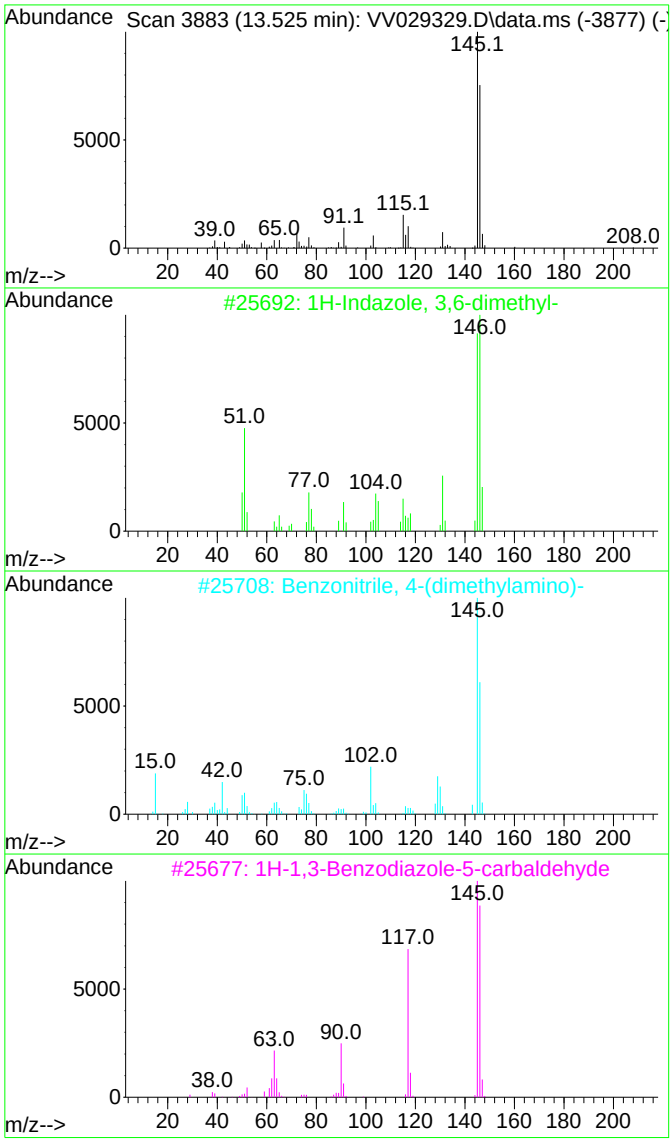
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

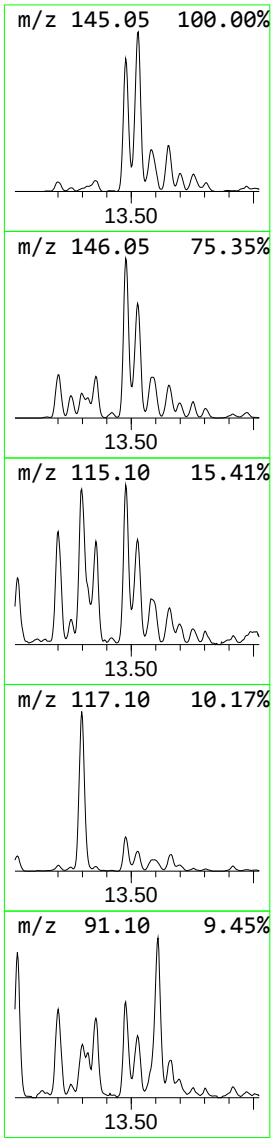
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1H-Indazole, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.525	2.18 ug/L	302787	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	72
2	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	64
3	1H-1,3-Benzodiazole-5-carbaldehyde	146	C8H6N2O	058442-17-4	49
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	45
5	2-Isoquinolineacetamide, N-(2-cy...	351	C20H21N3O3	1000320-00-5	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112322\
Data File : VV029329.D
Acq On : 24 Nov 2022 06:03
Operator : SY/MD
Sample : N5694-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB43

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

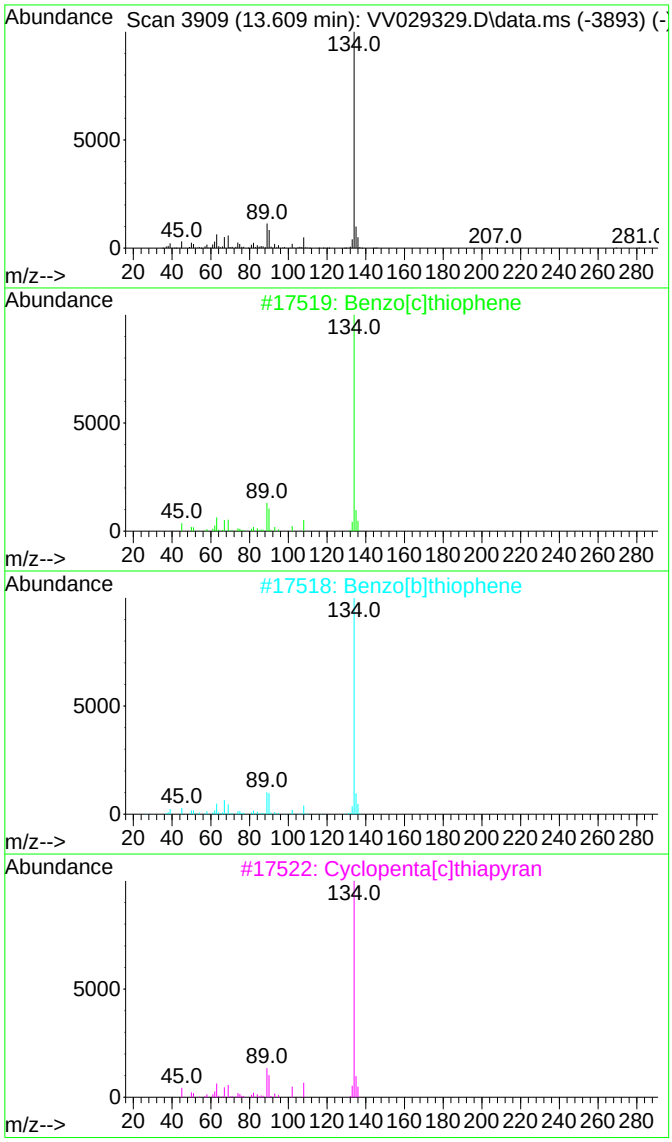
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

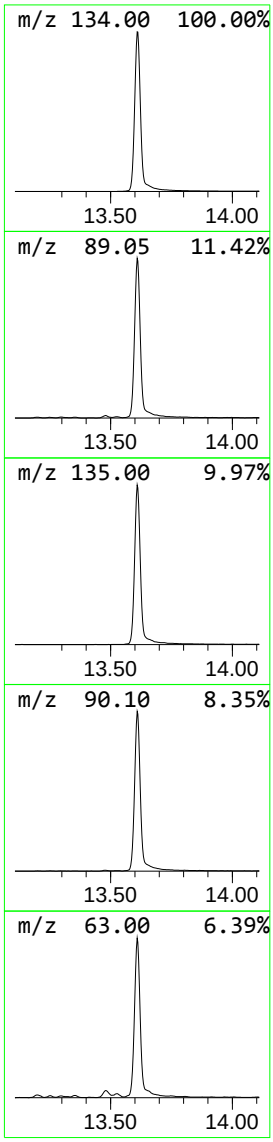
****

Peak Number 20 Benzo[c]thiophene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.609	58.17 ug/L	8087980	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	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112322\
Data File : VV029329.D
Acq On : 24 Nov 2022 06:03
Operator : SY/MD
Sample : N5694-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB43

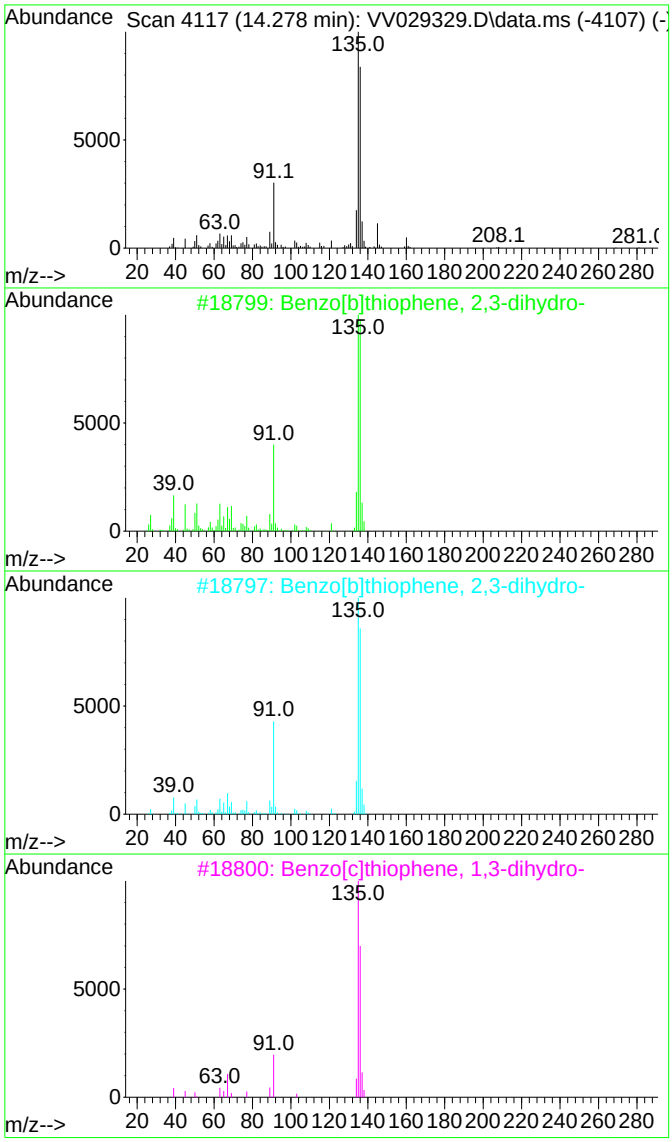
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

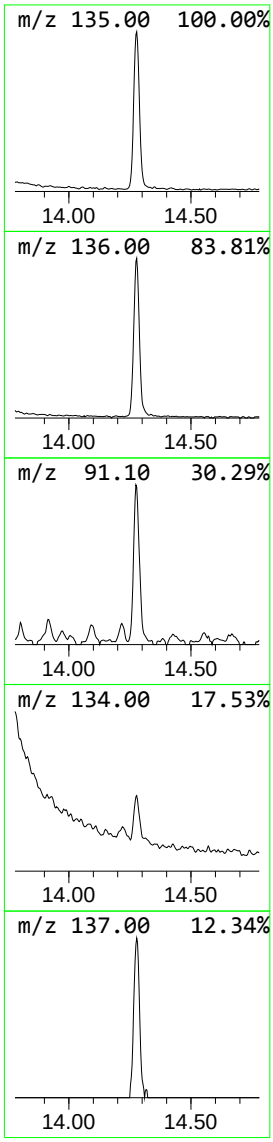
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.278	1.07 ug/L	149240	1,4-Dichlorobenzene-d4	11.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	93
2	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	87
3	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	87
4	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	83
5	4-Hydroxy-3-methylbenzaldehyde	136	C8H8O2	015174-69-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112322\
Data File : VV029329.D
Acq On : 24 Nov 2022 06:03
Operator : SY/MD
Sample : N5694-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB43

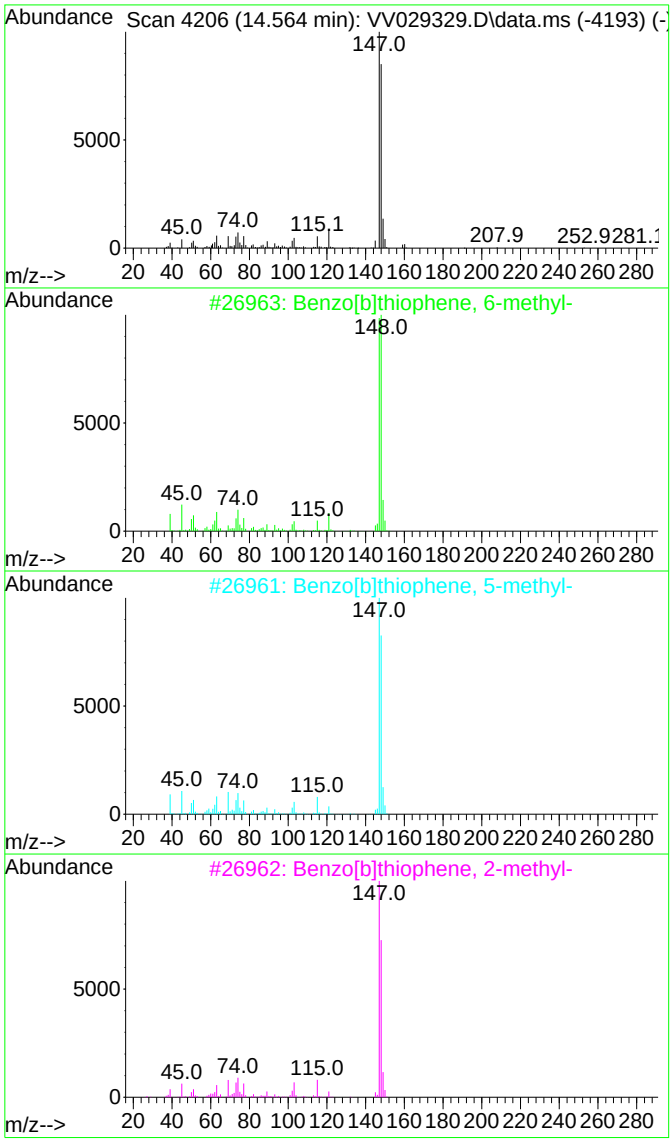
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
Quant Title : TRACE VOA SFAM1.0

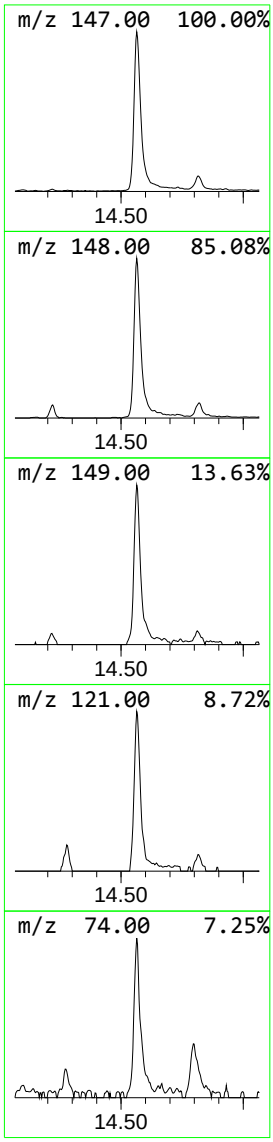
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzo[b]thiophene, 6-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.564	2.48 ug/L	345040	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, 5-methyl-	148	C9H8S	014315-14-1	91
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112322\
Data File : VV029329.D
Acq On : 24 Nov 2022 06:03
Operator : SY/MD
Sample : N5694-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHB43

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.108	6.3	ug/L	721720	1	5.609	577718	5.0
Ethane, 1-chlor...	1.217	0.9	ug/L	100976	1	5.609	577718	5.0
Benzene, 1-ethy...	10.728	1.3	ug/L	176359	3	11.239	695245	5.0
Indane	11.516	5.7	ug/L	787372	3	11.239	695245	5.0
Indene	11.735	6.3	ug/L	878020	3	11.239	695245	5.0
3-Methylphenyla...	11.818	2.1	ug/L	293885	3	11.239	695245	5.0
Indan, 1-methyl-	12.104	50.2	ug/L	6975590	3	11.239	695245	5.0
Benzofuran, 7-m...	12.349	58.8	ug/L	8171050	3	11.239	695245	5.0
Benzofuran, 2-m...	12.468	32.5	ug/L	4517350	3	11.239	695245	5.0
Cinnamaldehyde,...	12.529	9.0	ug/L	1248150	3	11.239	695245	5.0
1H-Indene, 2,3-...	12.744	0.6	ug/L	88585	3	11.239	695245	5.0
Cycloprop[a]ind...	12.934	1.5	ug/L	210986	3	11.239	695245	5.0
Naphthalene, 1,...	13.034	1.5	ug/L	204583	3	11.239	695245	5.0
1H-Indene, 2,3-...	13.201	2.1	ug/L	294890	3	11.239	695245	5.0
Benzene, 1-pent...	13.297	1.1	ug/L	148704	3	11.239	695245	5.0
Benzene, (3-met...	13.355	1.7	ug/L	241125	3	11.239	695245	5.0
1H-Indazole, 5,...	13.480	4.1	ug/L	573111	3	11.239	695245	5.0
1H-Indazole, 3,...	13.525	2.2	ug/L	302787	3	11.239	695245	5.0
Benzo[c]thiophene	13.609	58.2	ug/L	8087980	3	11.239	695245	5.0
Benzo[b]thiophe...	14.278	1.1	ug/L	149240	3	11.239	695245	5.0
Benzo[b]thiophe...	14.564	2.5	ug/L	345040	3	11.239	695245	5.0