LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028724.D
Acq On : 27 Oct 2022 16:50
Operator : SY/MD
Sample : N5233-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA77

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\SFAMVTR102522WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV028724.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.947	271	282	300	rBV	13636140	19172128	4.41%	0.908%
2	3.291	680	700	761	rVV3	65167442	174769647	40.24%	8.273%
3	3.757	827	845	873	rBV	3394253	8807201	2.03%	0.417%
4	3.905	874	891	963	rVB	15795375	37989922	8.75%	1.798%
5	5.140	1235	1275	1281	rBV8	106663999	434283044	100.00%	20.557%
6	7.423	1961	1985	2011	rVB5	104323411	332903971	76.66%	15.758%
7	8.882	2422	2439	2460	rBV	26918659	48028394	11.06%	2.273%
8	9.034	2467	2486	2499	rVB3	102606509	225249444	51.87%	10.663%
9	9.185	2507	2533	2535	rBV9	128075629	418642616	96.40%	19.817%
10	9.548	2633	2646	2670	rVB2	44908786	71252597	16.41%	3.373%
11	9.931	2752	2765	2777	rBV	4493897	7702633	1.77%	0.365%
12	10.349	2876	2895	2905	rBV2	7924881	13455570	3.10%	0.637%
13	10.445	2916	2925	2930	rVV	9081969	14504937	3.34%	0.687%
14	10.480	2930	2936	2945	rVV	12289214	19607097	4.51%	0.928%
15	10.538	2945	2954	2969	rVB	16245662	23306944	5.37%	1.103%
16	10.734	3007	3015	3024	rVV	9425190	14206726	3.27%	0.672%
17	10.914	3059	3071	3084	rVB2	48411142	75347191	17.35%	3.567%
18	11.088	3115	3125	3143	rVB5	4135005	8714820	2.01%	0.413%
19	11.268	3165	3181	3190	rBV3	4120505	7506096	1.73%	0.355%
20	11.336	3190	3202	3216	rBV	24838684	42925932	9.88%	2.032%
21	11.522	3251	3260	3282	rVB2	6513473	13767646	3.17%	0.652%
22	11.635	3282	3295	3304	rBV4	4762947	8366053	1.93%	0.396%
23	11.914	3369	3382	3392	rBV2	15794024	28281317	6.51%	1.339%
24	12.316	3494	3507	3518	rBV	27327958	40958307	9.43%	1.939%
25	12.873	3664	3680	3688	rBV2	2671583	4555638	1.05%	0.216%
26	13.152	3755	3767	3795	rVB	11370676	18230595	4.20%	0.863%

Sum of corrected areas: 2112536466

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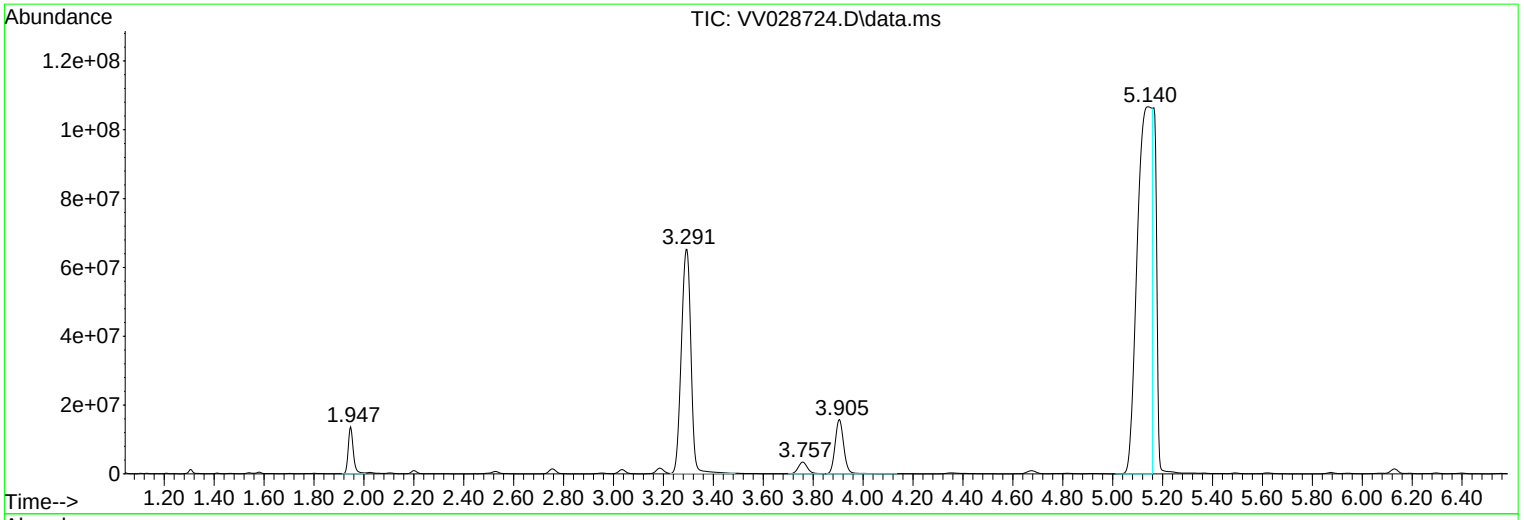
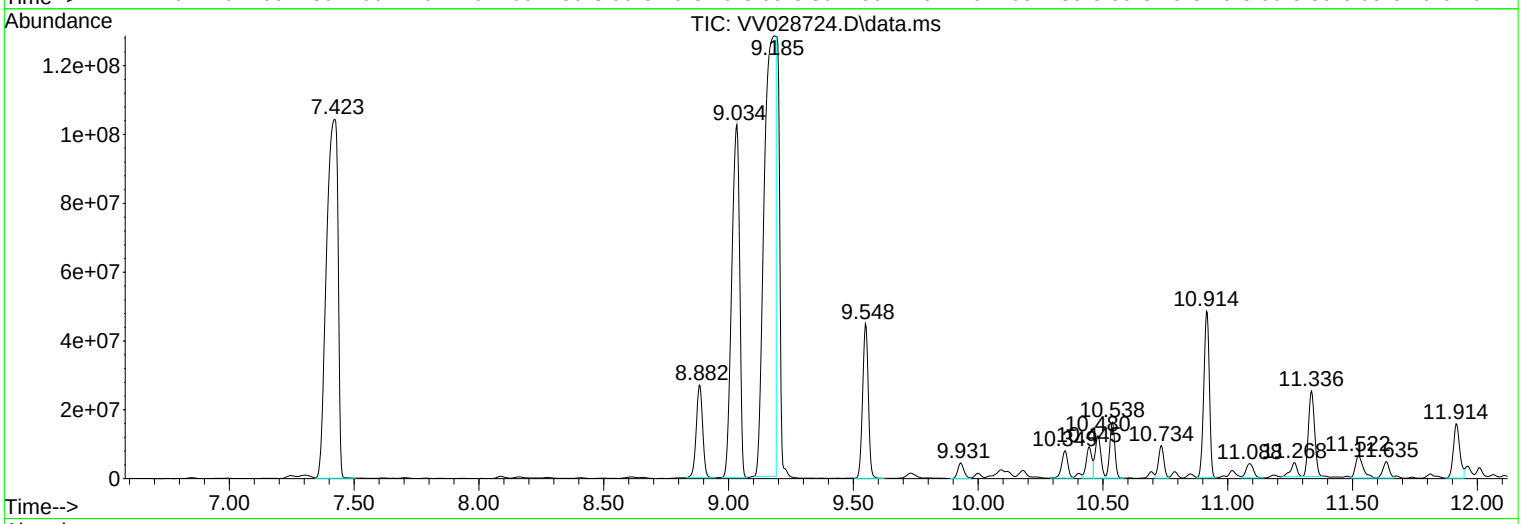
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

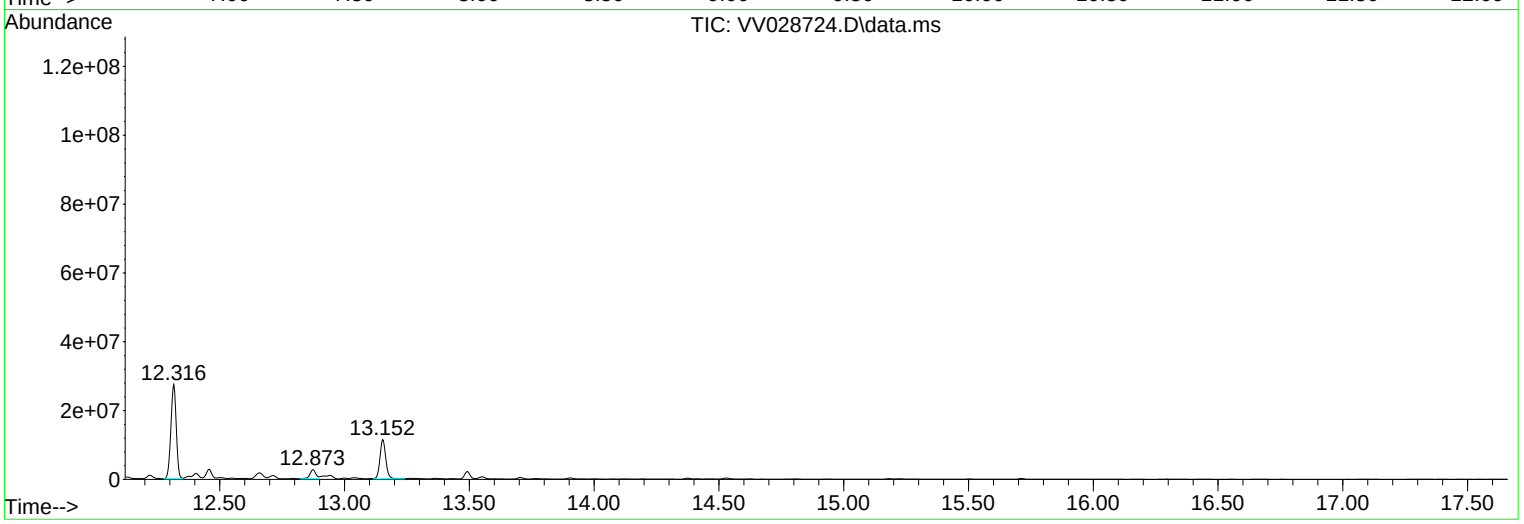
Instrument :
MSVOA_V
ClientSampleId :
BHA77

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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Data File : VV028724.D
Acq On : 27 Oct 2022 16:50
Operator : SY/MD
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Misc : 25.0mL/MSVOA_V/WATER
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Instrument :
MSVOA_V
ClientSampleId :
BHA77

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

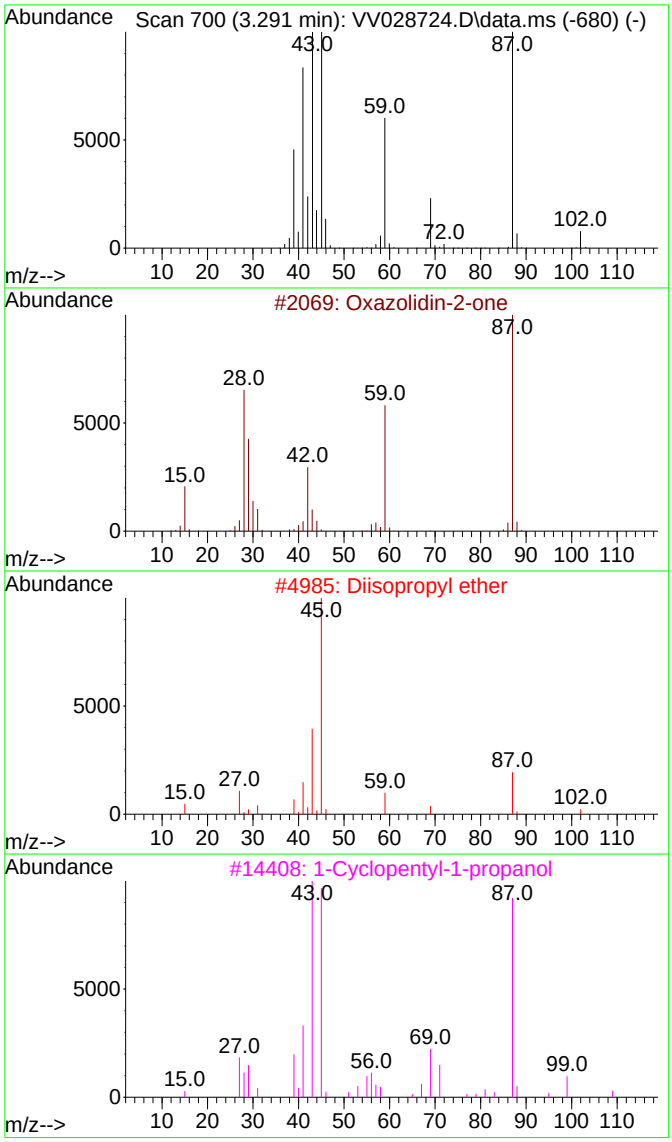
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

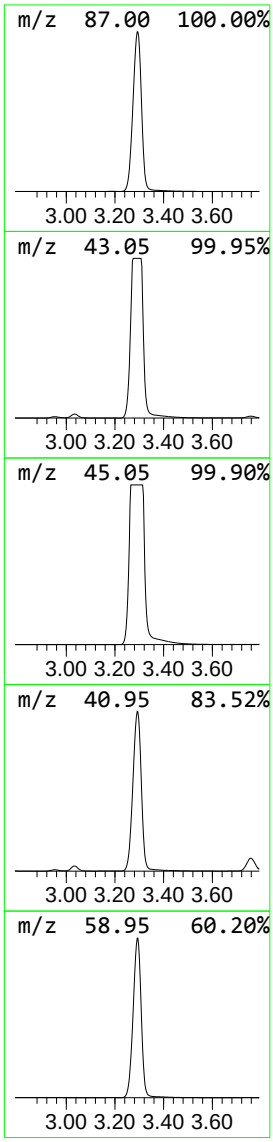
****

Peak Number 1 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.291	2.01 ug/L	174770000	1,4-Difluorobenzene	5.619

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxazolidin-2-one	87	C3H5NO2	000497-25-6	43
2	Diisopropyl ether	102	C6H14O	000108-20-3	42
3	1-Cyclopentyl-1-propanol	128	C8H16O	019833-89-7	37
4	1-Hepten-4-ol, 4-methyl-	128	C8H16O	001186-31-8	37
5	Ethene, (2-methoxyethoxy)-	102	C5H10O2	001663-35-0	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028724.D
Acq On : 27 Oct 2022 16:50
Operator : SY/MD
Sample : N5233-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA77

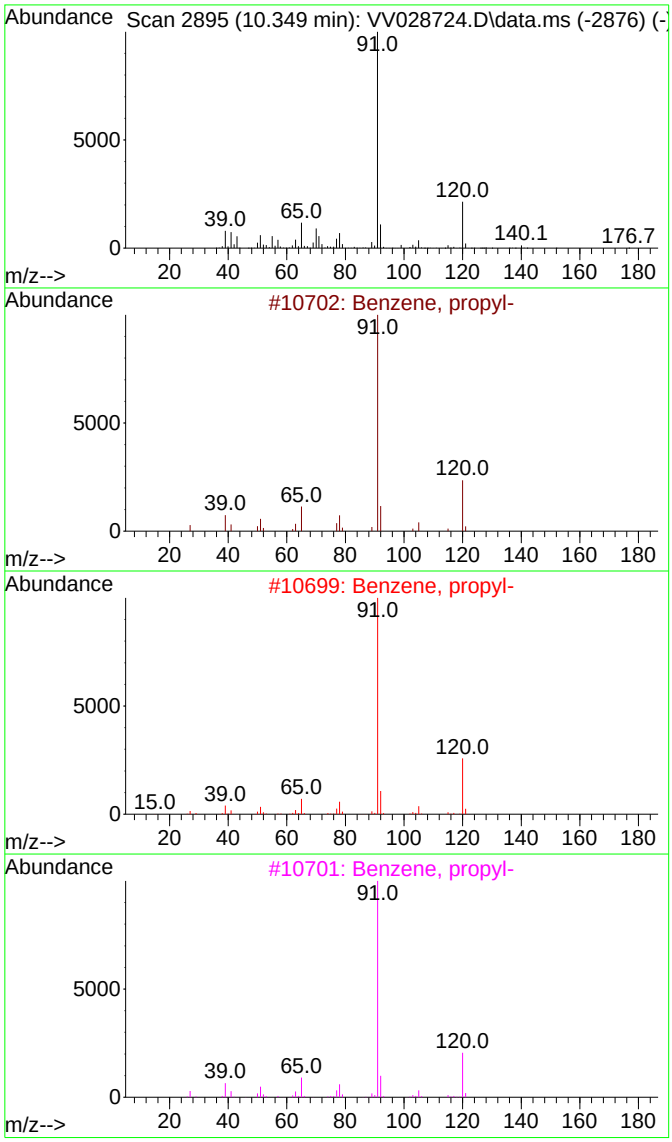
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

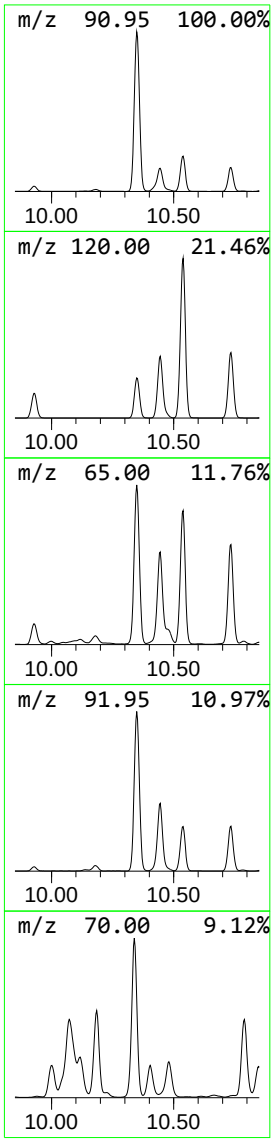
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.349	8.96 ug/L	13455600	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	81
3	Benzene, propyl-	120	C9H12	000103-65-1	81
4	Benzene, propyl-	120	C9H12	000103-65-1	81
5	Benzene, (ethenyloxy)-	120	C8H8O	000766-94-9	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028724.D
Acq On : 27 Oct 2022 16:50
Operator : SY/MD
Sample : N5233-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA77

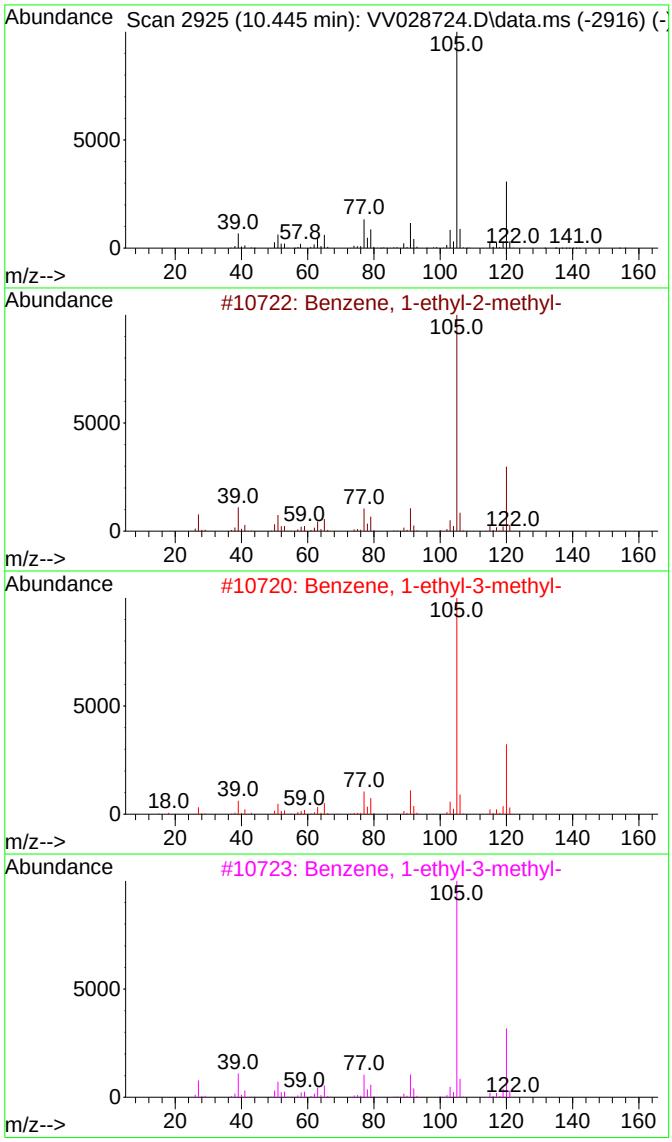
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

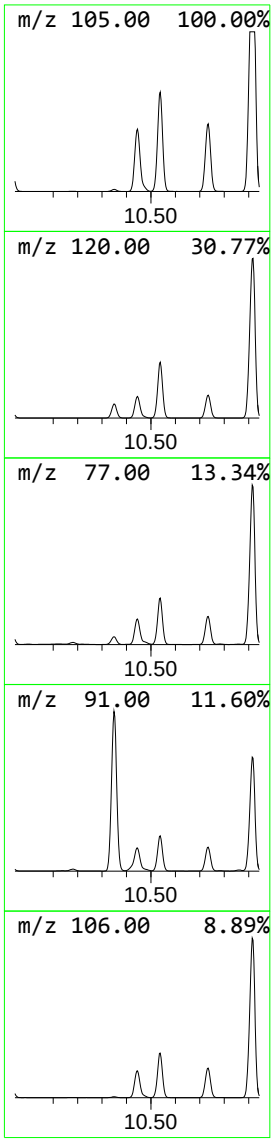
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.445	9.66 ug/L	14504900	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028724.D
Acq On : 27 Oct 2022 16:50
Operator : SY/MD
Sample : N5233-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA77

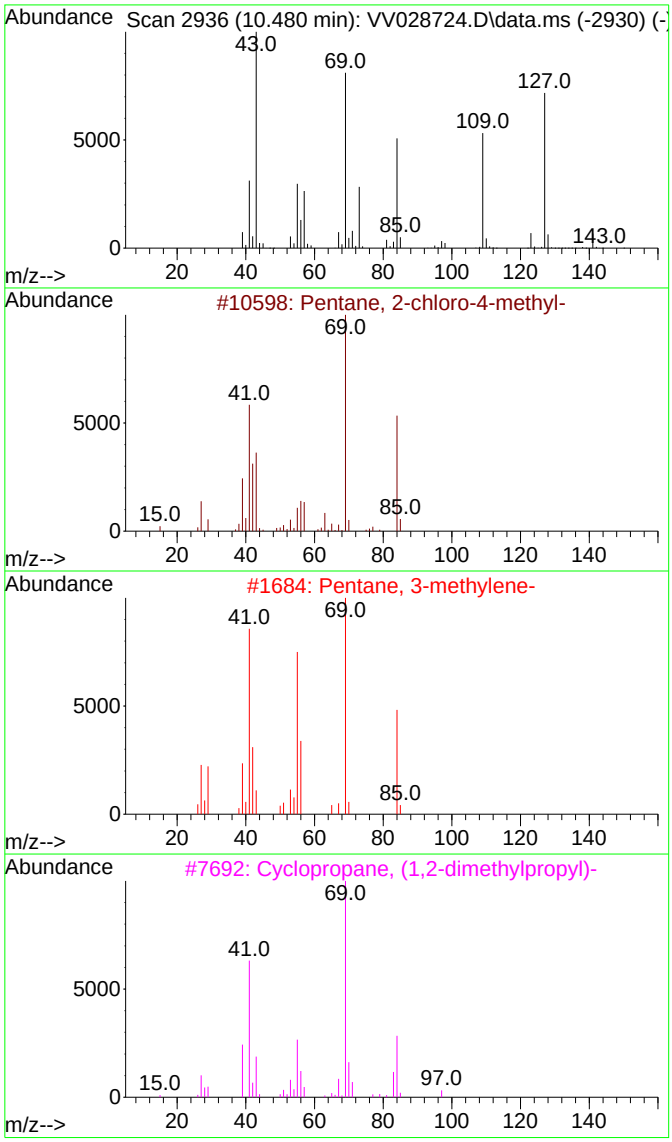
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

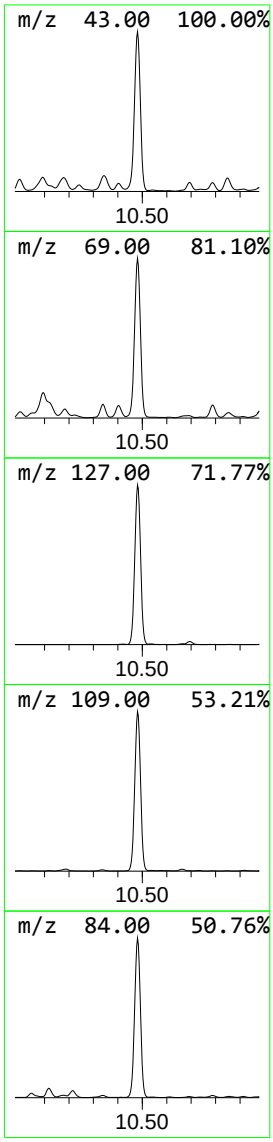
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.480	13.06 ug/L	19607100	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-chloro-4-methyl-	120	C6H13Cl	025346-32-1	38
2	Pentane, 3-methylene-	84	C6H12	000760-21-4	38
3	Cyclopropane, (1,2-dimethylpropyl)-	112	C8H16	006976-27-8	38
4	1H-Pyrazole, 4,5-dihydro-5-methyl-	84	C4H8N2	001568-20-3	38
5	Furan, 2,3-dihydro-3-methyl-	84	C5H8O	001708-27-6	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028724.D
Acq On : 27 Oct 2022 16:50
Operator : SY/MD
Sample : N5233-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA77

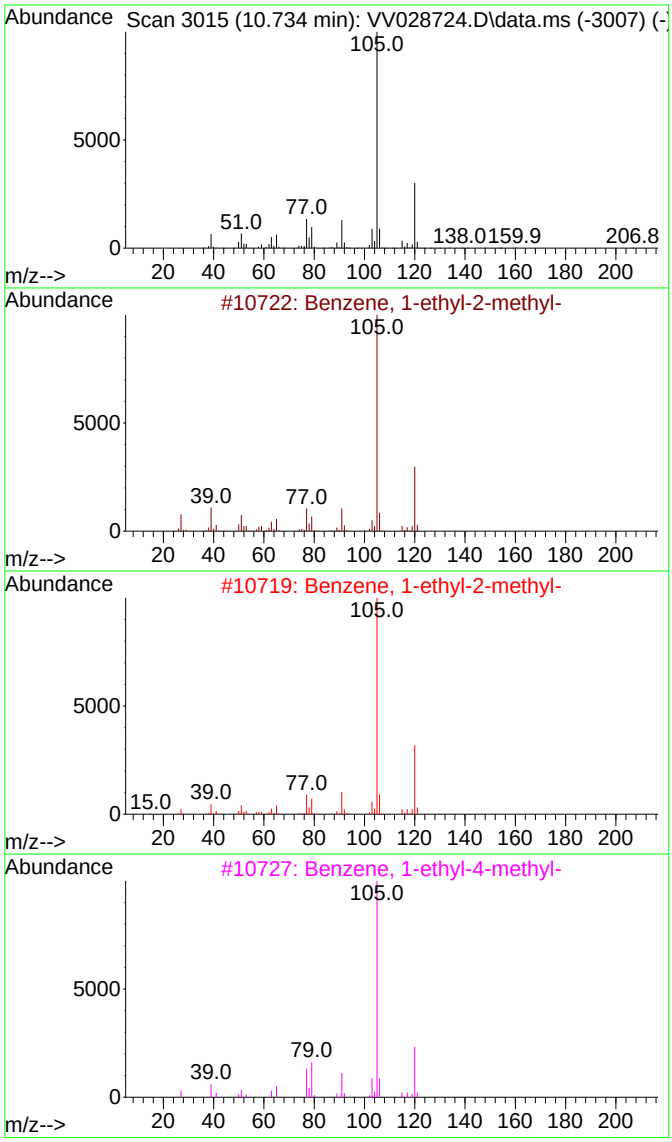
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

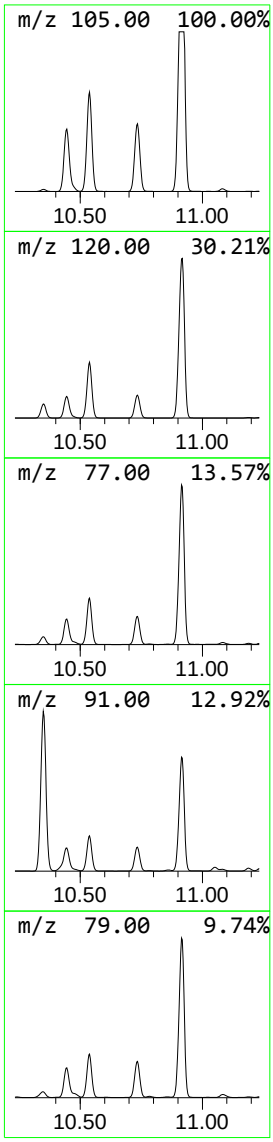
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.734	9.46 ug/L	14206700	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028724.D
Acq On : 27 Oct 2022 16:50
Operator : SY/MD
Sample : N5233-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA77

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

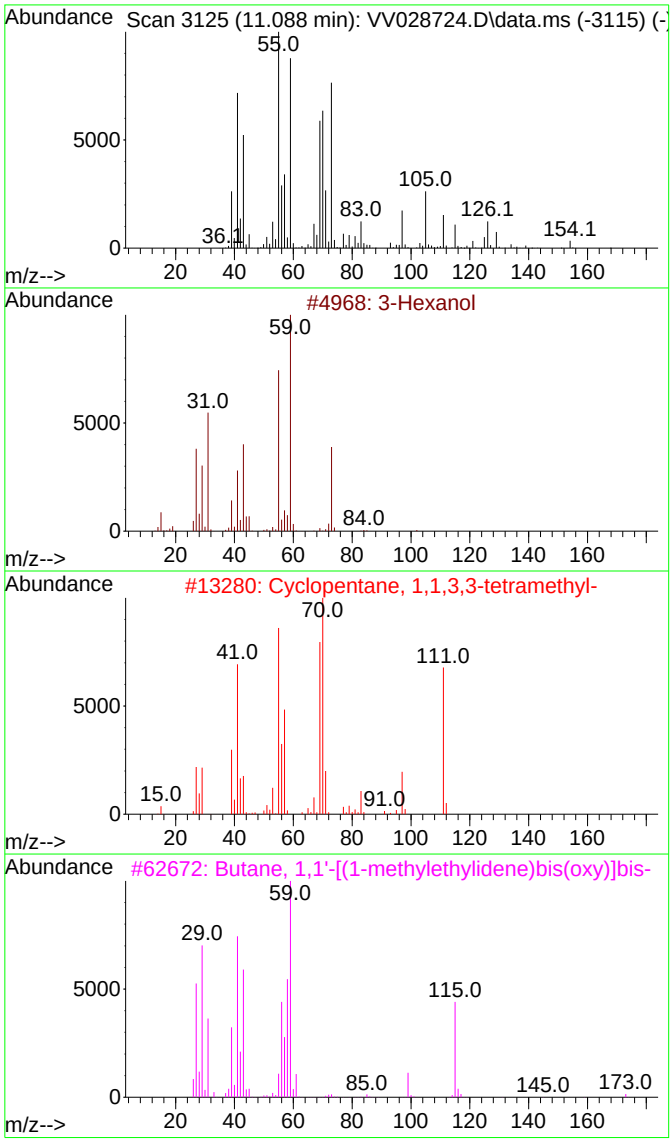
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

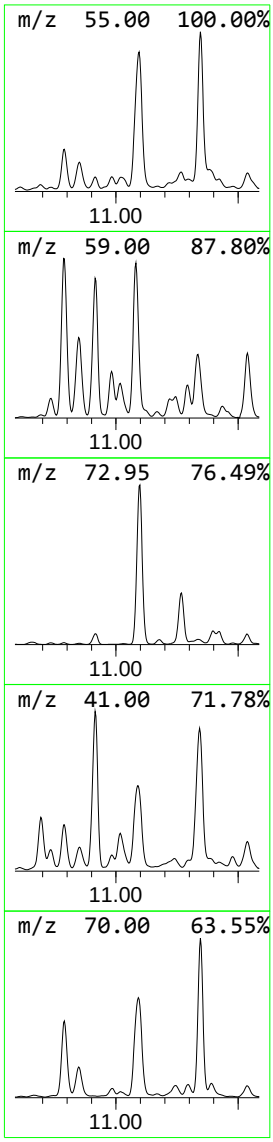
****

Peak Number 6 unknown-03 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.088	5.81 ug/L	8714820	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	35
2	Cyclopentane, 1,1,3,3-tetramethyl-	126	C9H18	050876-33-0	27
3	Butane, 1,1'-[(1-methylethyliden...	188	C11H24O2	000141-72-0	27
4	2,4-Dimethyl-1-heptene	126	C9H18	019549-87-2	25
5	2-Nonene, (E)-	126	C9H18	006434-78-2	22





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028724.D
Acq On : 27 Oct 2022 16:50
Operator : SY/MD
Sample : N5233-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA77

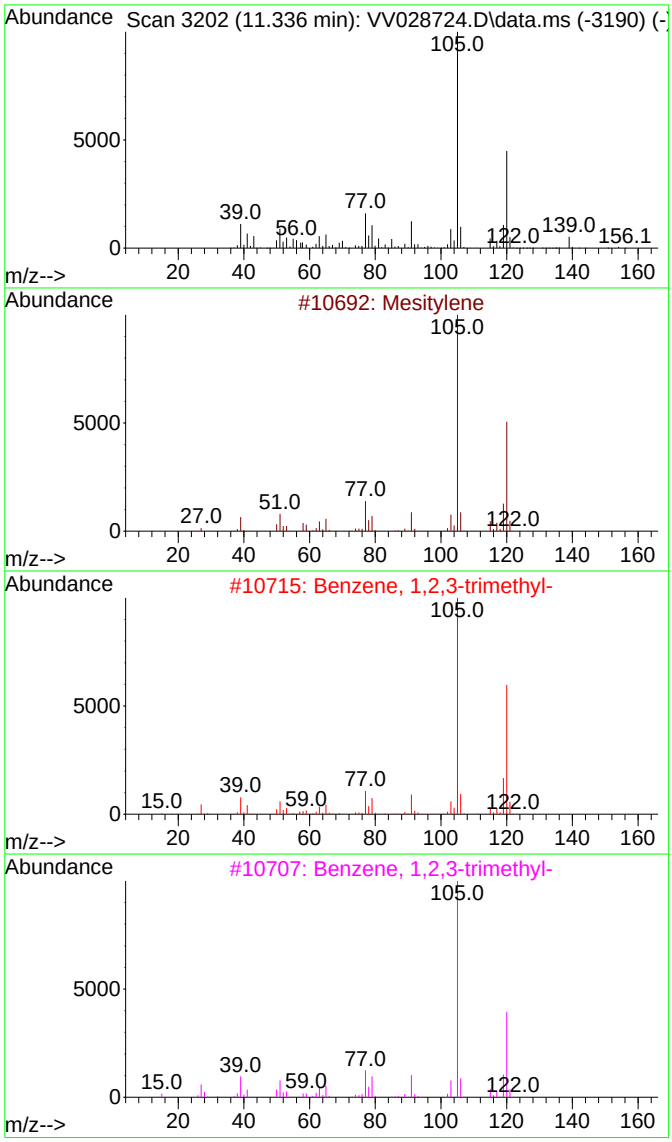
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

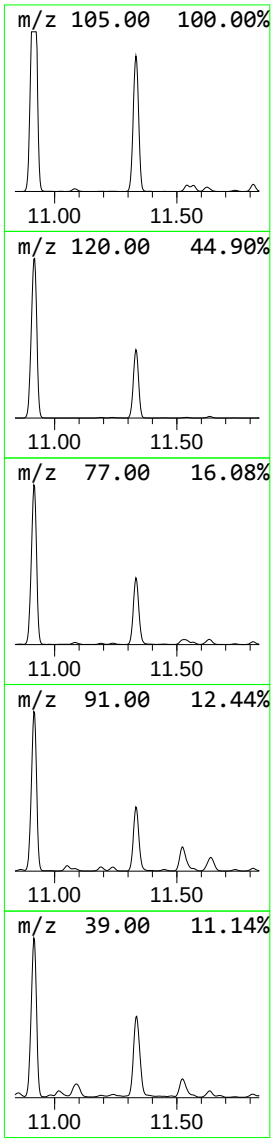
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.336	28.59 ug/L	42925900	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
5	Mesitylene	120	C9H12	000108-67-8	93





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Data File : VV028724.D
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Operator : SY/MD
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ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA77

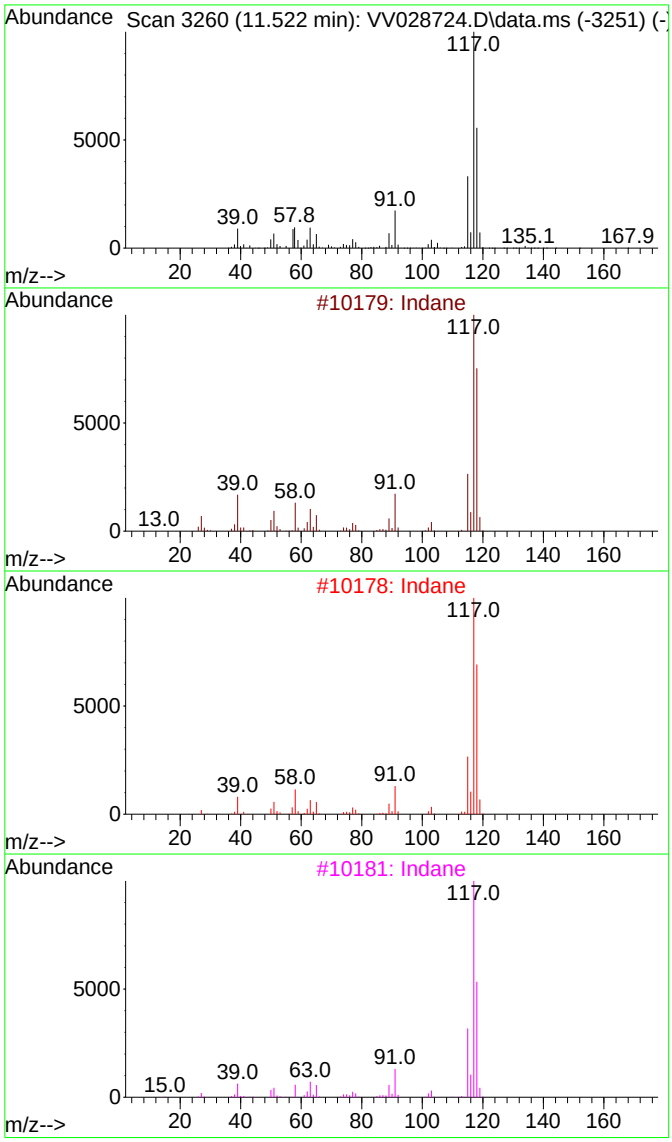
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

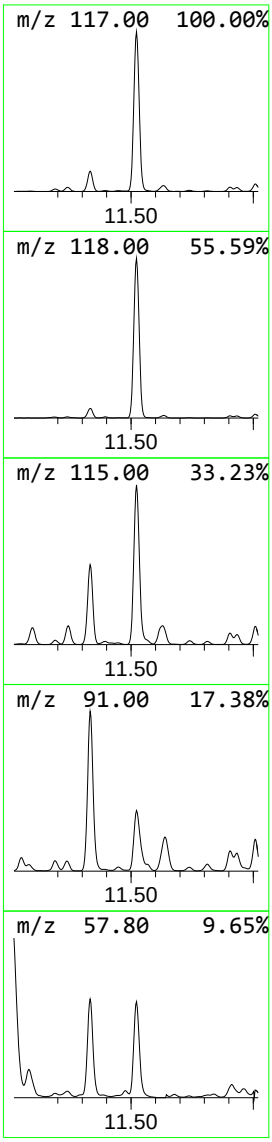
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.522	9.17 ug/L	13767600	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	96
2	Indane	118	C9H10	000496-11-7	93
3	Indane	118	C9H10	000496-11-7	91
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	76
5	Deltacyclene	118	C9H10	007785-10-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028724.D
Acq On : 27 Oct 2022 16:50
Operator : SY/MD
Sample : N5233-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA77

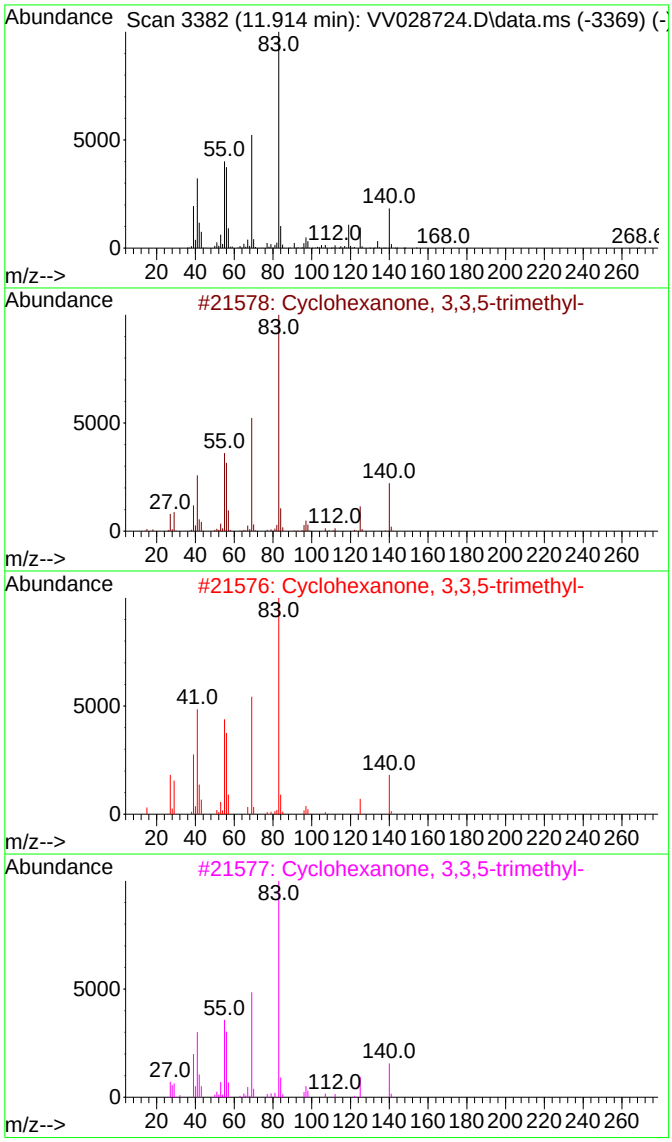
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

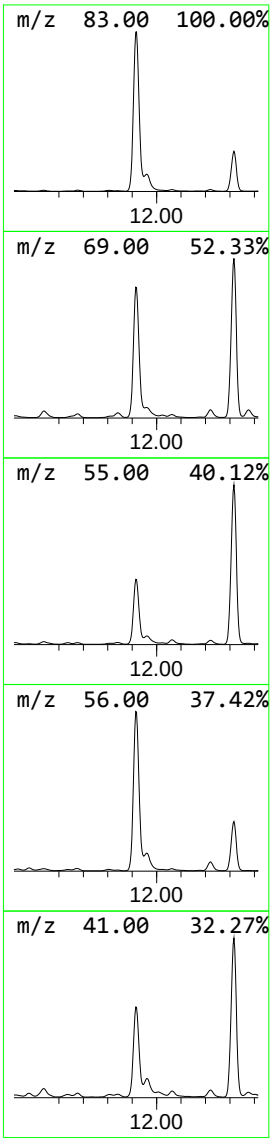
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexanone, 3,3,5-trimet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.915	18.84 ug/L	28281300	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	96
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	95
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	95
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
5	2,4,6-Trimethyl-3-heptene	140	C10H20	1000113-56-9	53





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Data File : VV028724.D
Acq On : 27 Oct 2022 16:50
Operator : SY/MD
Sample : N5233-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA77

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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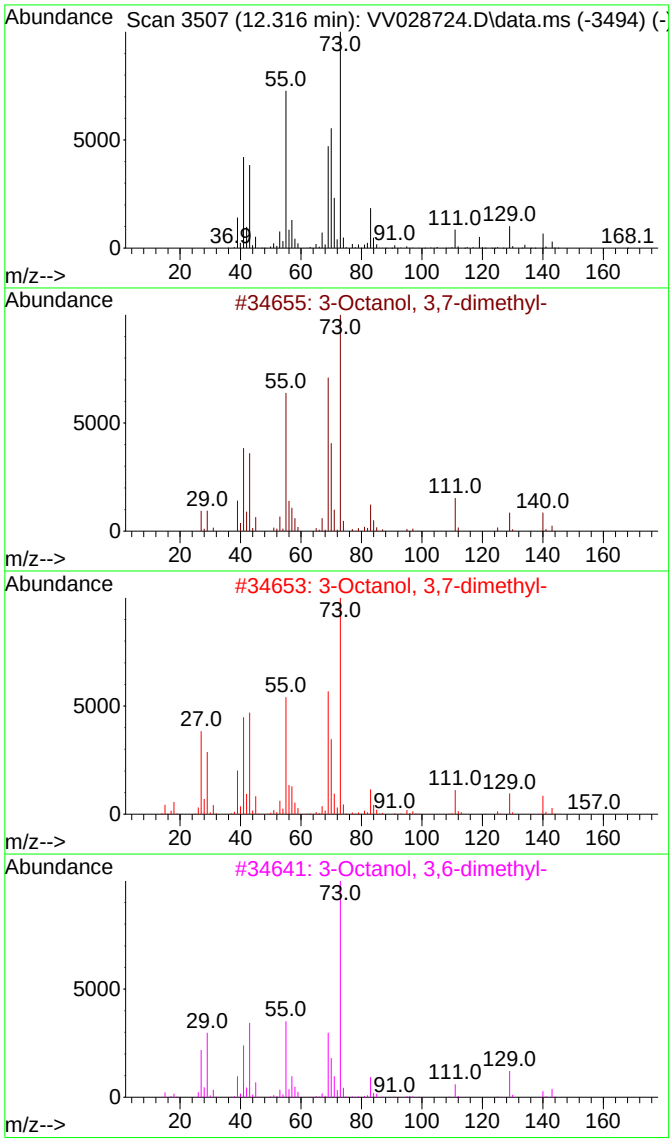
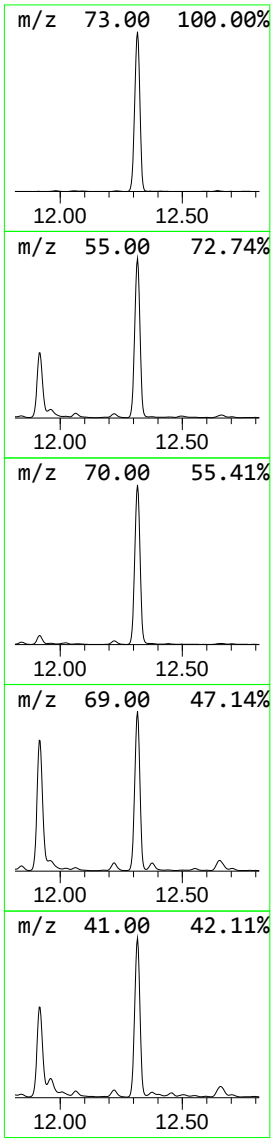
Peak Number 10 unknown-04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.316	27.28 ug/L	40958300	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	45
2	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	38
3	3-Octanol, 3,6-dimethyl-	158	C10H22O	000151-19-9	38
4	3,7-Dimethyl-3-octyl methylphosp...	238	C11H24FO2P	159395-79-6	37
5	5-Ethyl-1-nonene	154	C11H22	019780-74-6	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028724.D
Acq On : 27 Oct 2022 16:50
Operator : SY/MD
Sample : N5233-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA77

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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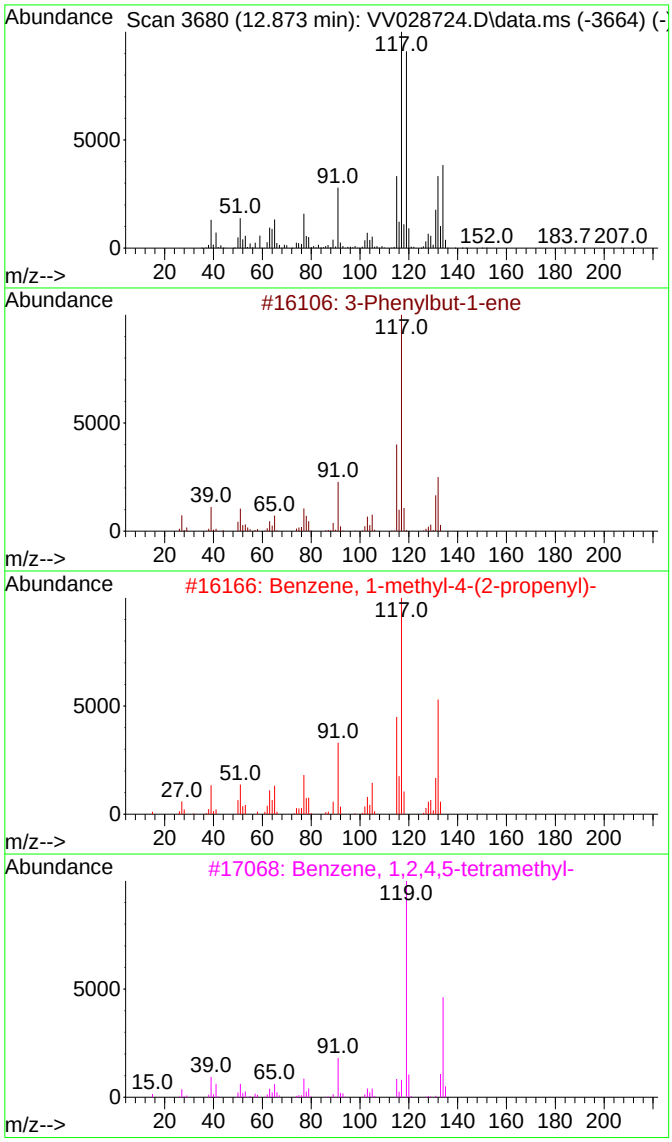
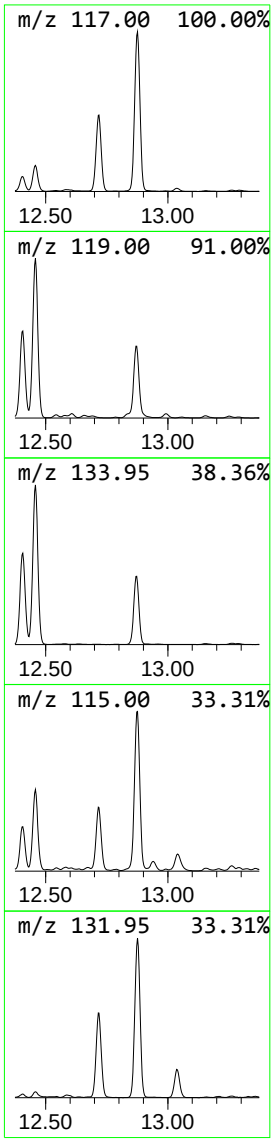
Peak Number 11 3-Phenylbut-1-ene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.873	3.03 ug/L	4555640	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	86
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	50
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	50
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028724.D
Acq On : 27 Oct 2022 16:50
Operator : SY/MD
Sample : N5233-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA77

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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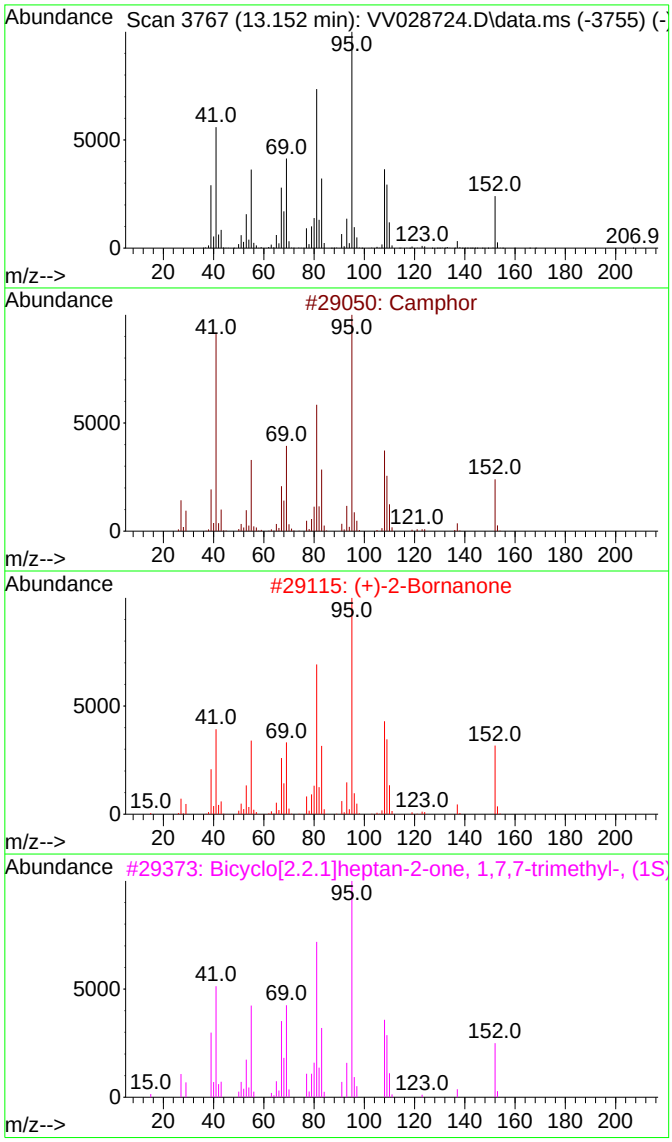
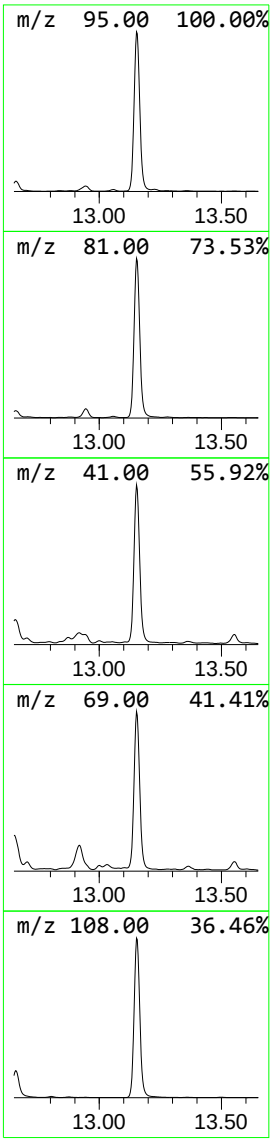
Peak Number 12 Camphor Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.152	12.14 ug/L	18230600	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphor	152	C10H16O	000076-22-2	98
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	98
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	98
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	97
5	Camphor	152	C10H16O	000076-22-2	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028724.D
Acq On : 27 Oct 2022 16:50
Operator : SY/MD
Sample : N5233-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA77

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.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
unknown-01	3.291	2.0	ug/L	174770000	1	5.619	434283000	5.0
Benzene, propyl-	10.349	9.0	ug/L	13455600	3	11.246	7506100	5.0
Benzene, 1-ethy...	10.445	9.7	ug/L	14504900	3	11.246	7506100	5.0
unknown-02	10.480	13.1	ug/L	19607100	3	11.246	7506100	5.0
Benzene, 1-ethy...	10.734	9.5	ug/L	14206700	3	11.246	7506100	5.0
unknown-03	11.088	5.8	ug/L	8714820	3	11.246	7506100	5.0
Benzene, 1,2,3-...	11.336	28.6	ug/L	42925900	3	11.246	7506100	5.0
Indane	11.522	9.2	ug/L	13767600	3	11.246	7506100	5.0
Cyclohexanone, ...	11.915	18.8	ug/L	28281300	3	11.246	7506100	5.0
unknown-04	12.316	27.3	ug/L	40958300	3	11.246	7506100	5.0
3-Phenylbut-1-ene	12.873	3.0	ug/L	4555640	3	11.246	7506100	5.0
Camphor	13.152	12.1	ug/L	18230600	3	11.246	7506100	5.0