LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102822\
Data File : VV028768.D
Acq On : 28 Oct 2022 20:11
Operator : SY/MD
Sample : N5320-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB5

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: VV028768.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.304	72	82	99	rVB2	64010	92905	1.03%	0.404%
2	1.947	273	282	298	rVB	413432	554242	6.17%	2.410%
3	2.105	322	331	343	rVB	126369	190809	2.12%	0.830%
4	2.529	442	463	478	rBV	110333	241918	2.69%	1.052%
5	2.757	520	534	551	rBV2	207144	418404	4.66%	1.819%
6	3.037	608	621	643	rBV2	190248	380477	4.23%	1.655%
7	3.282	678	697	718	rBV	1003851	2315336	25.76%	10.068%
8	3.757	825	845	866	rBV	245039	617081	6.87%	2.683%
9	3.886	875	885	911	rBV	85580	262756	2.92%	1.143%
10	4.343	1013	1027	1046	rBV	103312	265403	2.95%	1.154%
11	5.092	1230	1260	1290	rBV	3963751	8987761	100.00%	39.084%
12	5.613	1410	1422	1447	rBV	234345	485046	5.40%	2.109%
13	6.066	1550	1563	1575	rBV2	134872	285782	3.18%	1.243%
14	6.986	1838	1849	1865	rBV2	47173	93047	1.04%	0.405%
15	7.314	1940	1951	1968	rVB	213637	369347	4.11%	1.606%
16	8.085	2181	2191	2225	rBV	339687	704401	7.84%	3.063%
17	8.873	2414	2436	2462	rBV2	1708970	3338771	37.15%	14.519%
18	9.133	2507	2517	2535	rBV	181871	303165	3.37%	1.318%
19	9.924	2751	2763	2777	rBV	340465	536487	5.97%	2.333%
20	10.211	2834	2852	2862	rBV	102434	181361	2.02%	0.789%
21	10.349	2884	2895	2911	rBV2	115757	228919	2.55%	0.995%
22	10.474	2926	2934	2944	rVB3	54307	93635	1.04%	0.407%
23	10.731	3003	3014	3030	rBV	156714	251218	2.80%	1.092%
24	11.243	3162	3173	3191	rBV2	357420	680412	7.57%	2.959%
25	11.329	3191	3200	3218	rVB	112873	199597	2.22%	0.868%
26	11.519	3248	3259	3274	rBV2	133264	249024	2.77%	1.083%
27	11.619	3278	3290	3312	rVB3	267894	569497	6.34%	2.477%
28	12.008	3399	3411	3426	rBV	56334	99040	1.10%	0.431%

Sum of corrected areas: 22995841

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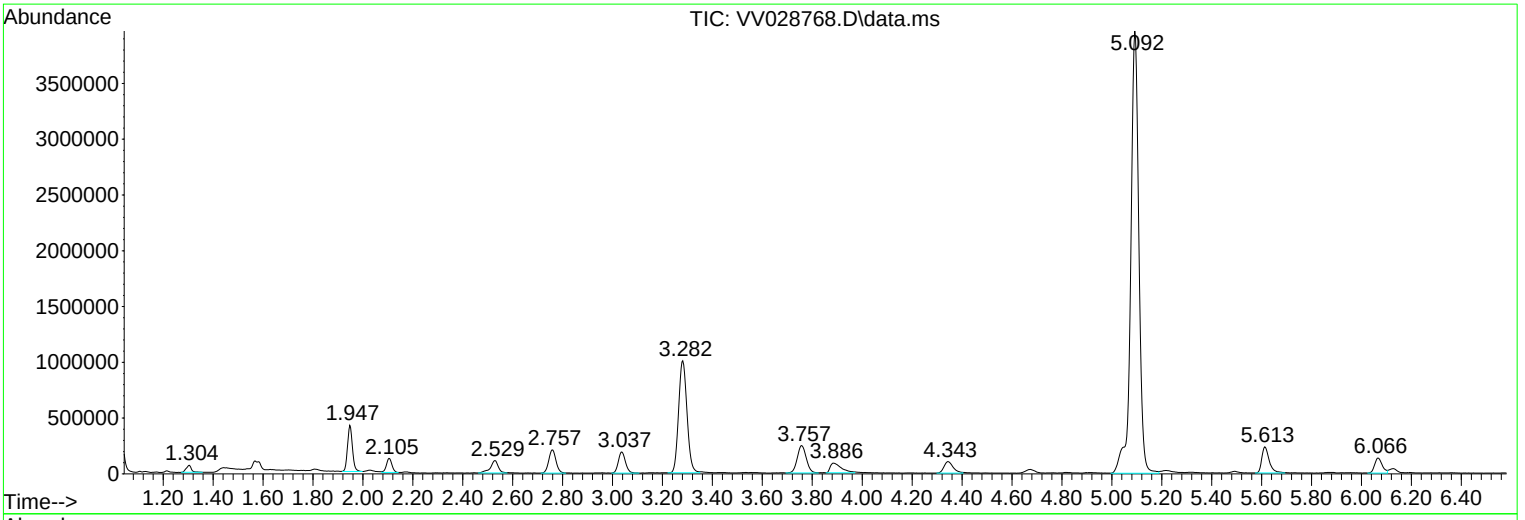
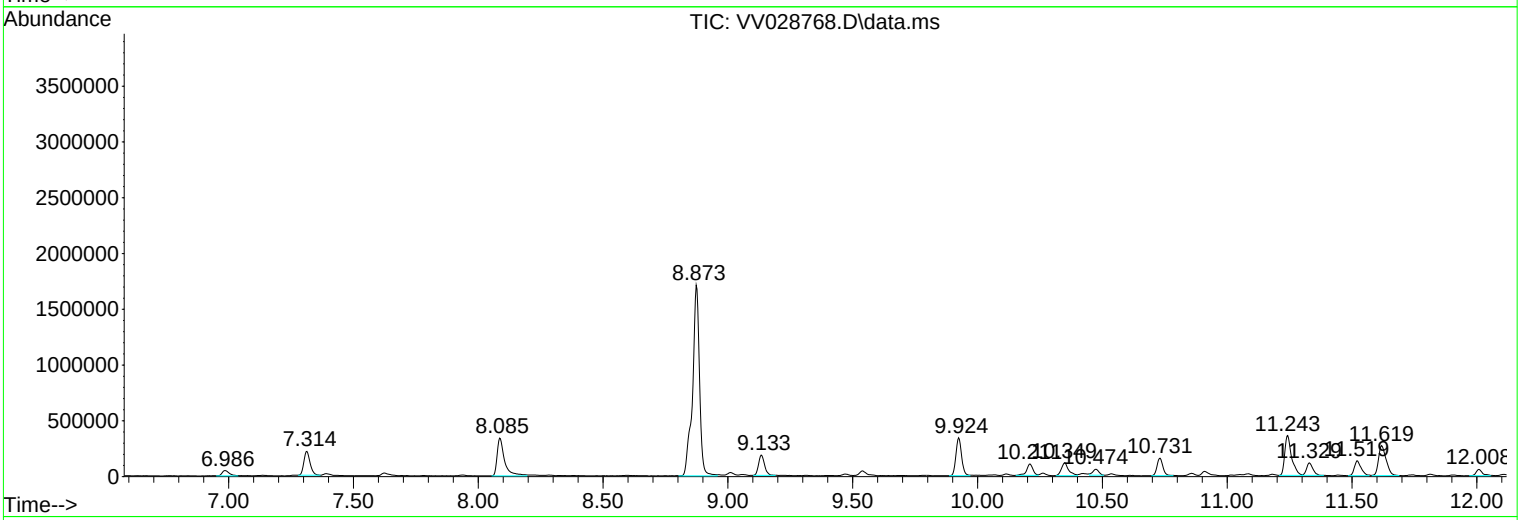
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

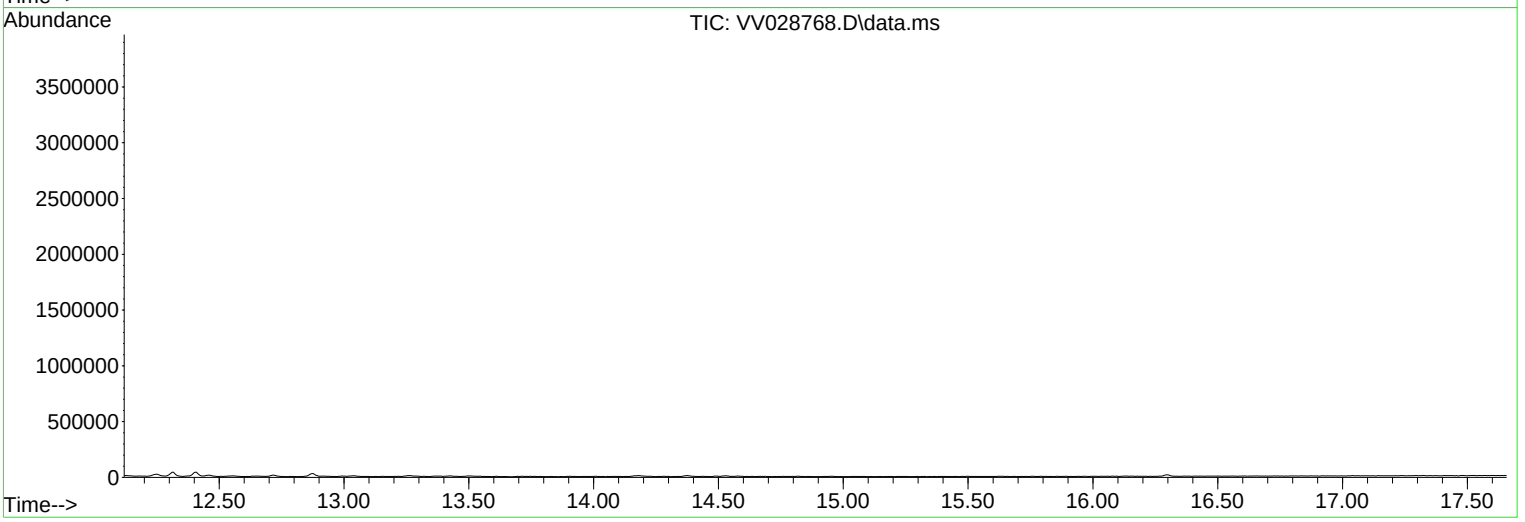
Instrument :
MSVOA_V
ClientSampleId :
BHAB5

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102822\
Data File : VV028768.D
Acq On : 28 Oct 2022 20:11
Operator : SY/MD
Sample : N5320-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB5

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

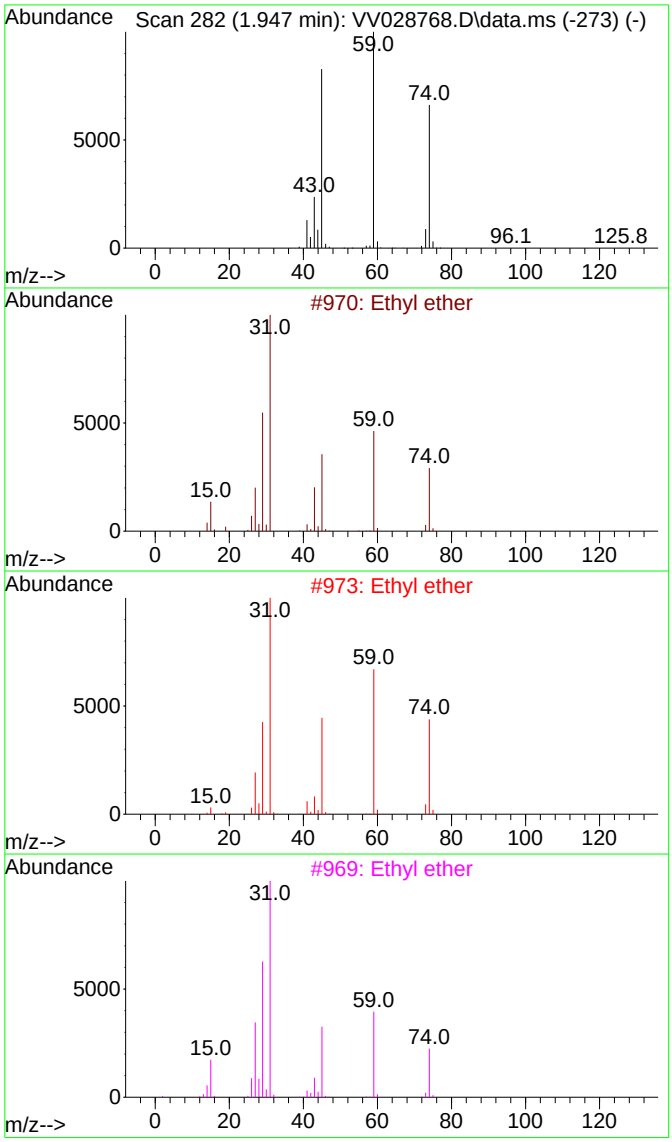
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

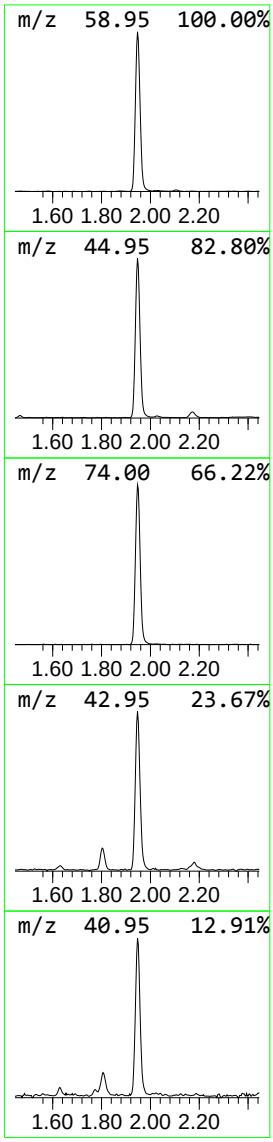
****

Peak Number 1 Ethyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.947	5.71 ug/L	554242	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ether	74	C4H10O	000060-29-7	90
2	Ethyl ether	74	C4H10O	000060-29-7	90
3	Ethyl ether	74	C4H10O	000060-29-7	90
4	Ethyl ether	74	C4H10O	000060-29-7	83
5	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102822\
Data File : VV028768.D
Acq On : 28 Oct 2022 20:11
Operator : SY/MD
Sample : N5320-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB5

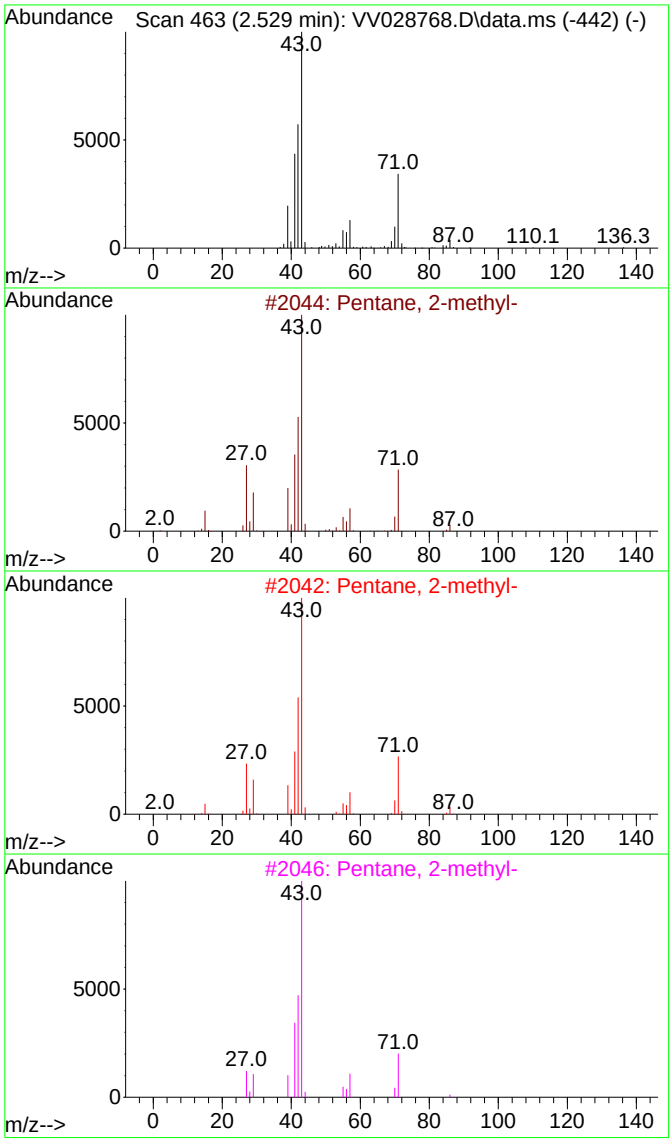
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

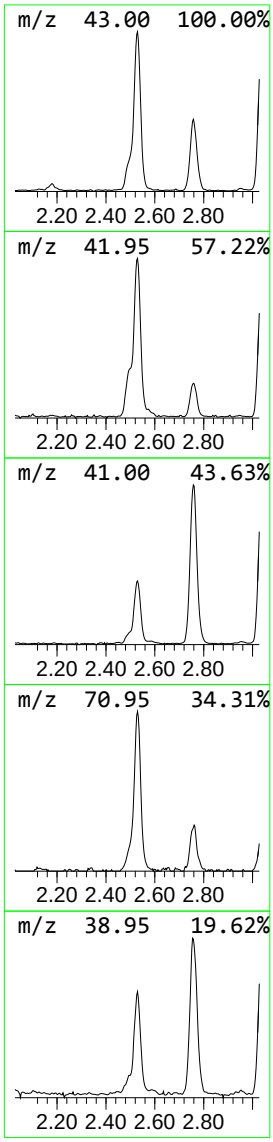
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.529	2.49 ug/L	241918	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	87
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	87
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	78
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	53
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102822\
Data File : VV028768.D
Acq On : 28 Oct 2022 20:11
Operator : SY/MD
Sample : N5320-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB5

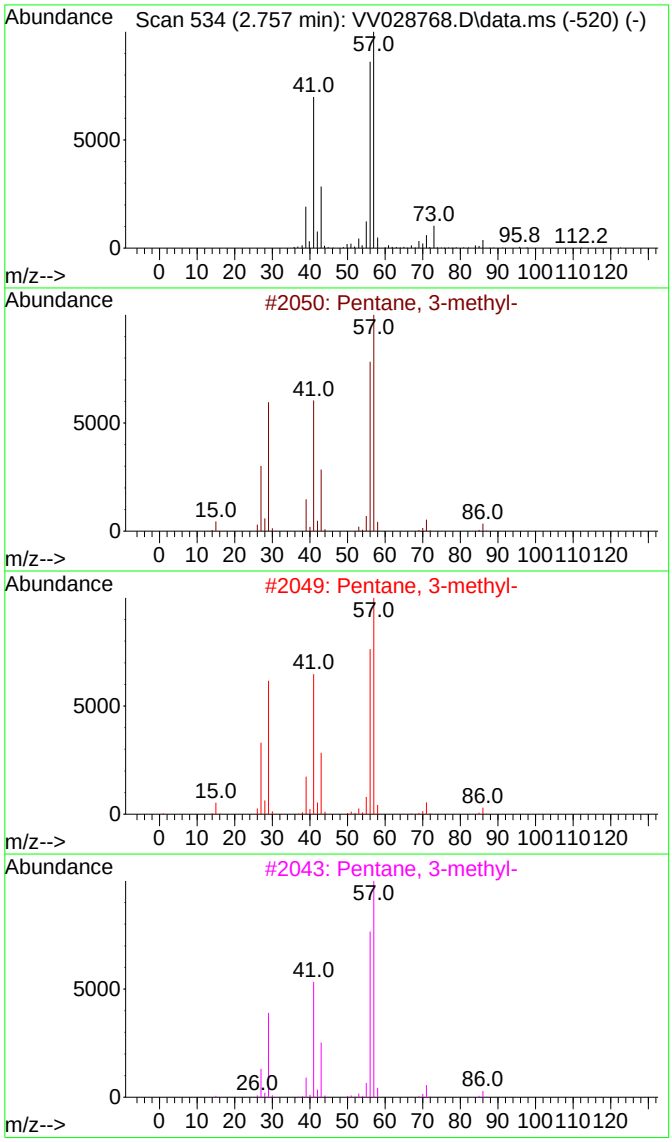
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

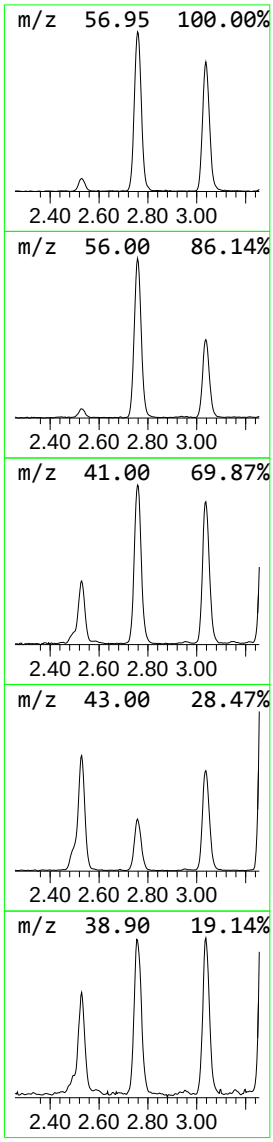
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.757	4.31 ug/L	418404	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	83
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	83
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
5	Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102822\
Data File : VV028768.D
Acq On : 28 Oct 2022 20:11
Operator : SY/MD
Sample : N5320-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB5

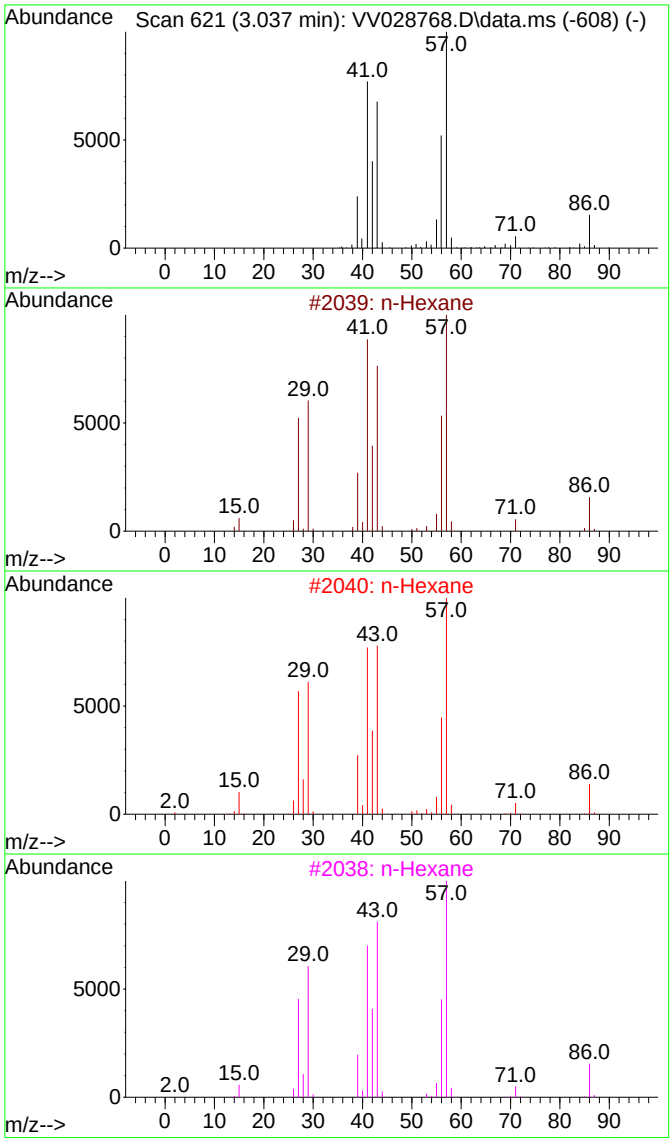
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

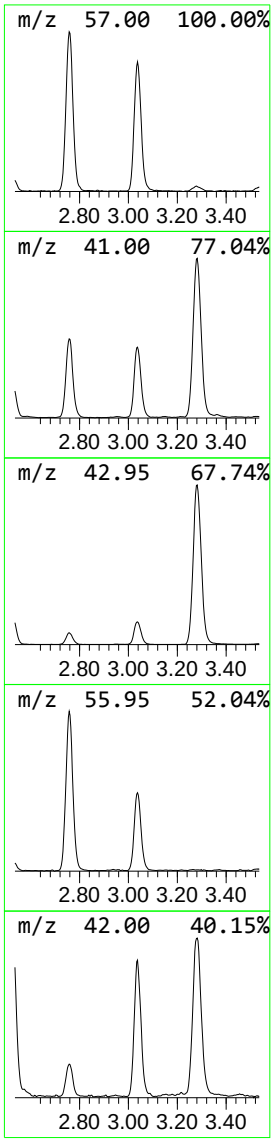
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.037	3.92 ug/L	380477	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	n-Hexane	86	C6H14	000110-54-3	91
3	n-Hexane	86	C6H14	000110-54-3	90
4	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	78
5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102822\
Data File : VV028768.D
Acq On : 28 Oct 2022 20:11
Operator : SY/MD
Sample : N5320-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB5

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

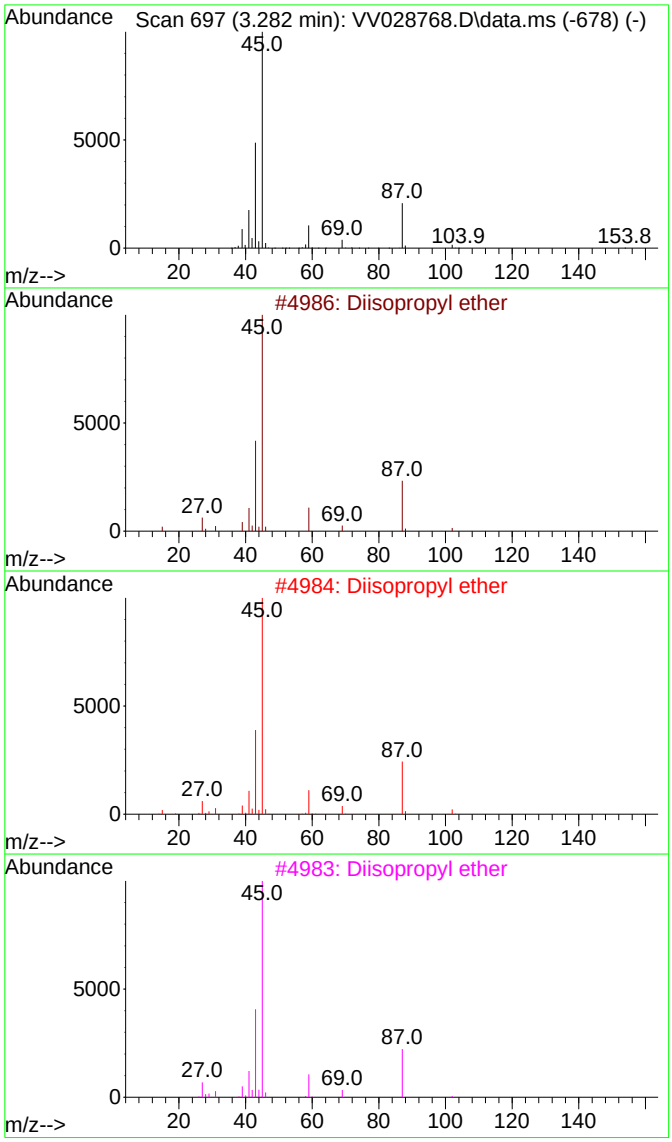
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

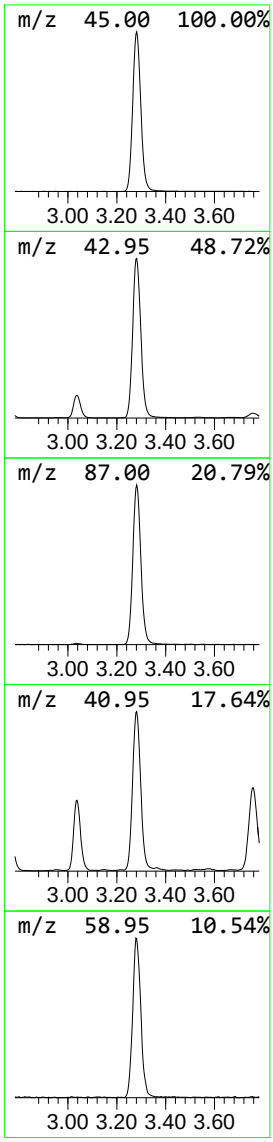
****

Peak Number 5 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.282	23.87 ug/L	2315340	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	91
2	Diisopropyl ether	102	C6H14O	000108-20-3	91
3	Diisopropyl ether	102	C6H14O	000108-20-3	83
4	Diisopropyl ether	102	C6H14O	000108-20-3	83
5	Diisopropyl ether	102	C6H14O	000108-20-3	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102822\
Data File : VV028768.D
Acq On : 28 Oct 2022 20:11
Operator : SY/MD
Sample : N5320-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB5

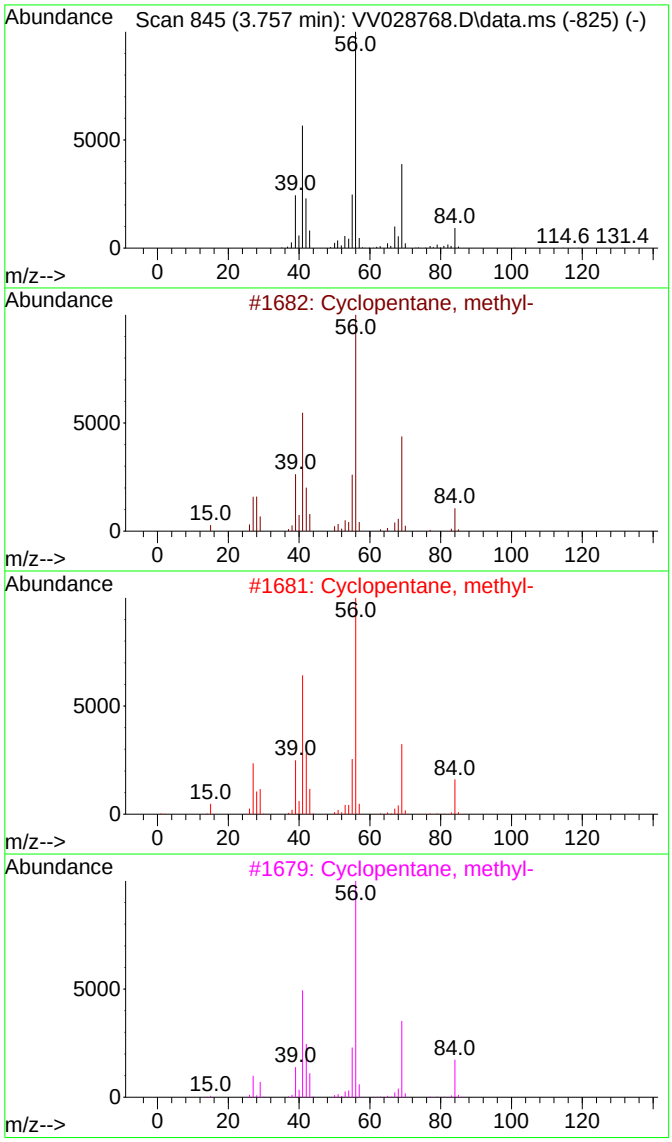
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

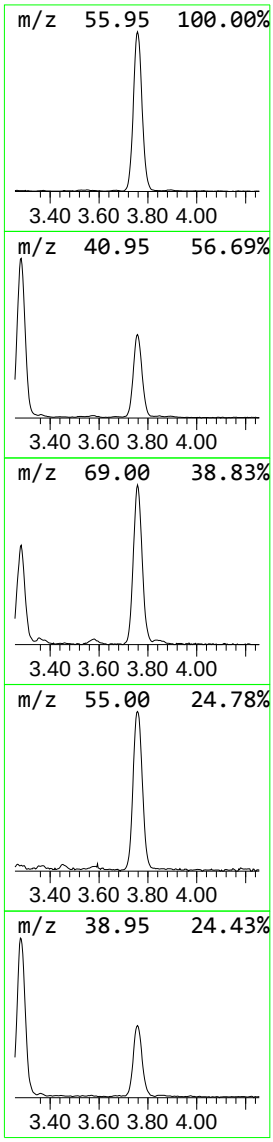
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic3.757 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.757	6.36 ug/L	617081	1,4-Difluorobenzene	5.613

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	72
5	Cyclohexane	84	C6H12	000110-82-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102822\
Data File : VV028768.D
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Operator : SY/MD
Sample : N5320-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB5

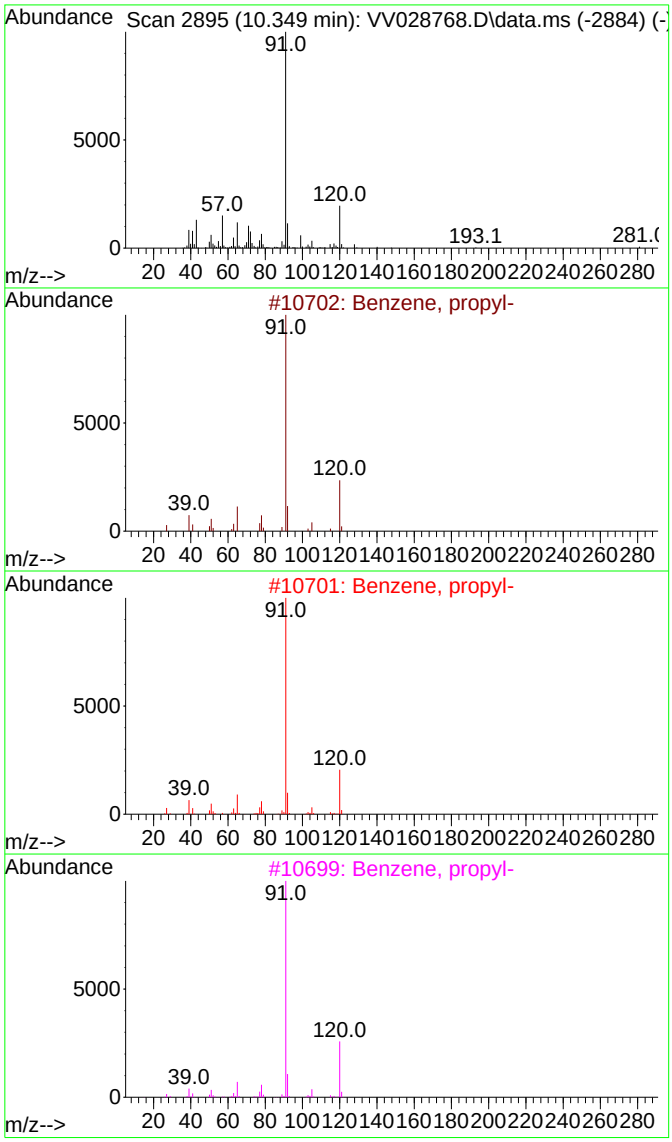
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

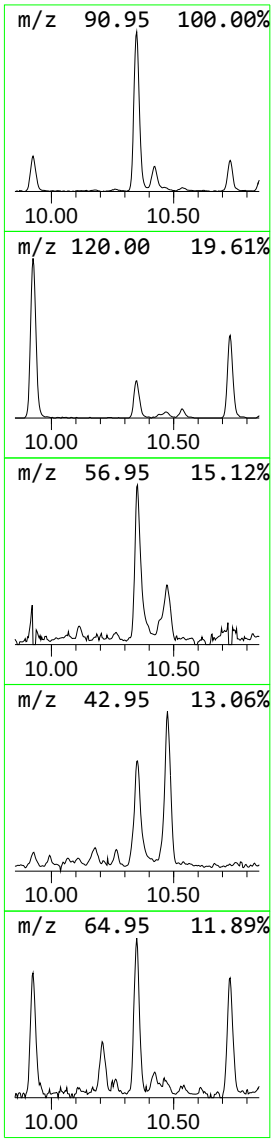
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.349	1.68 ug/L	228919	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	60
3	Benzene, propyl-	120	C9H12	000103-65-1	53
4	Benzene, propyl-	120	C9H12	000103-65-1	49
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	47





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Operator : SY/MD
Sample : N5320-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB5

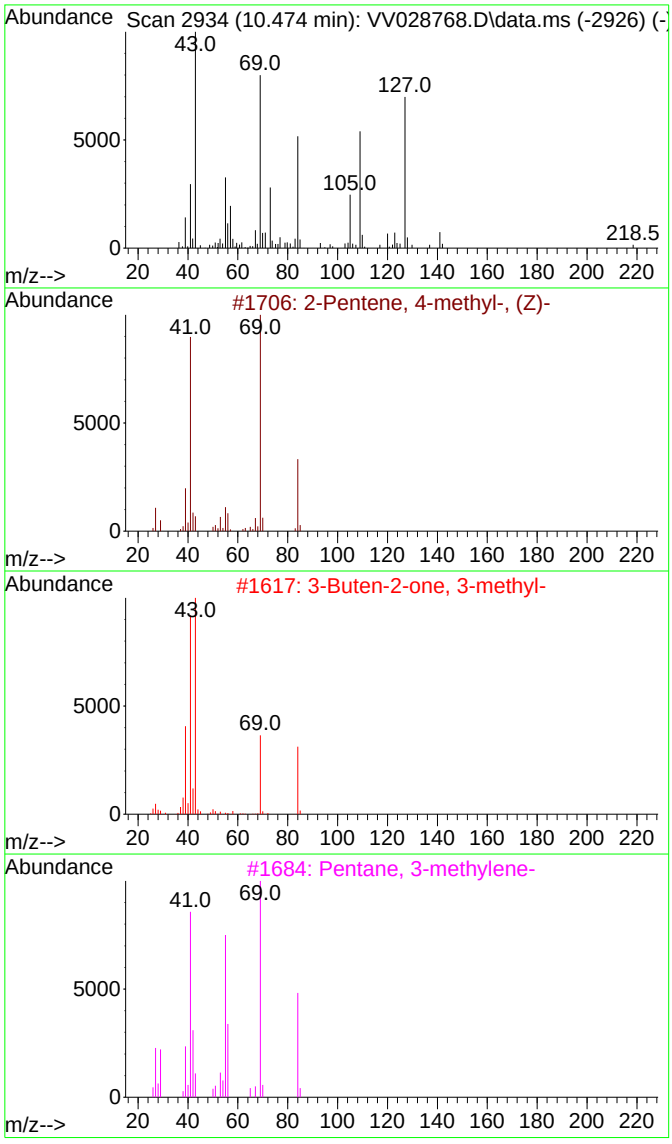
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

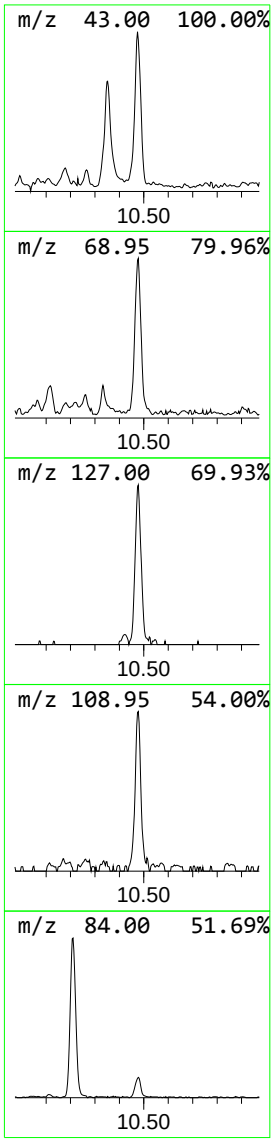
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.474	0.69 ug/L	93635	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	35
2	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	35
3	Pentane, 3-methylene-	84	C6H12	000760-21-4	25
4	Pentane, 2-chloro-4-methyl-	120	C6H13Cl	025346-32-1	25
5	Hexanal, 3,3-dimethyl-	128	C8H16O	055320-57-5	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102822\
Data File : VV028768.D
Acq On : 28 Oct 2022 20:11
Operator : SY/MD
Sample : N5320-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB5

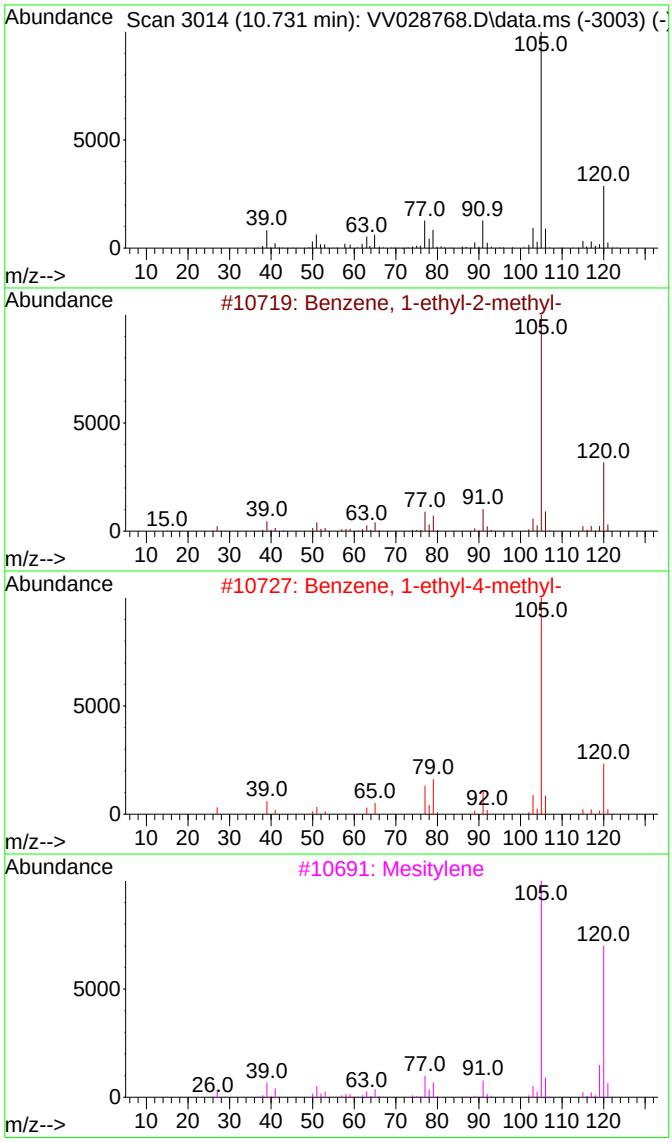
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

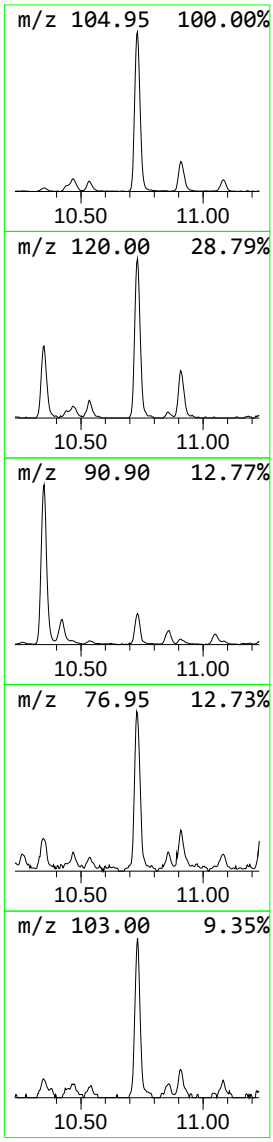
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.731	1.85 ug/L	251218	1,4-Dichlorobenzene-d4	11.243

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-4-methyl-	120	C9H12	000622-96-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102822\
Data File : VV028768.D
Acq On : 28 Oct 2022 20:11
Operator : SY/MD
Sample : N5320-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB5

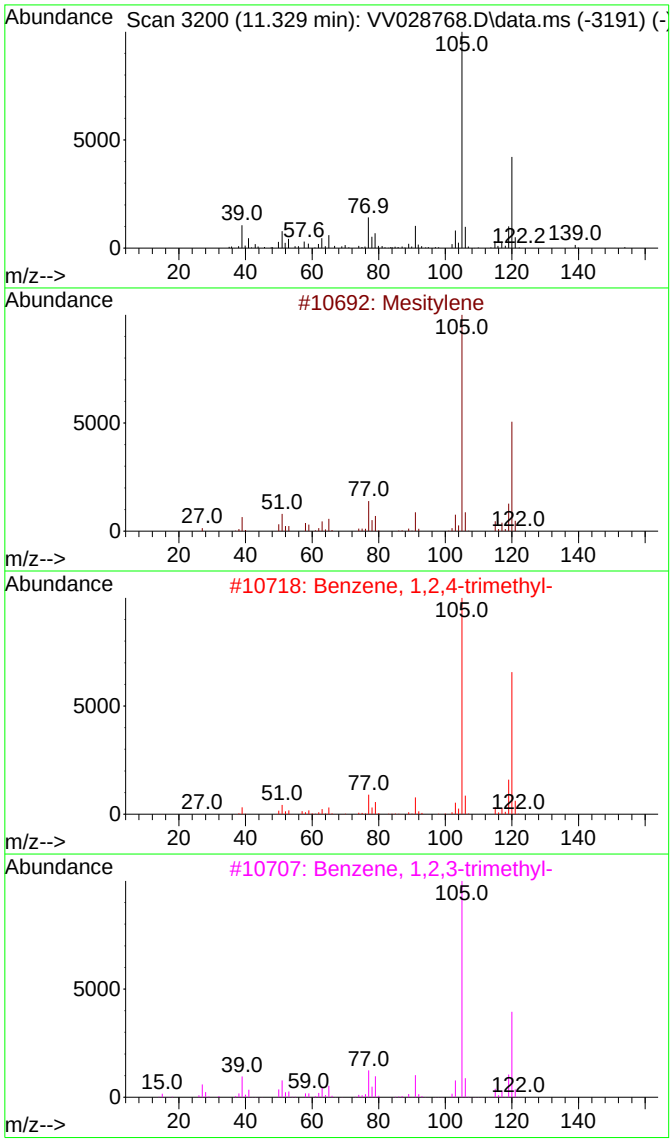
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

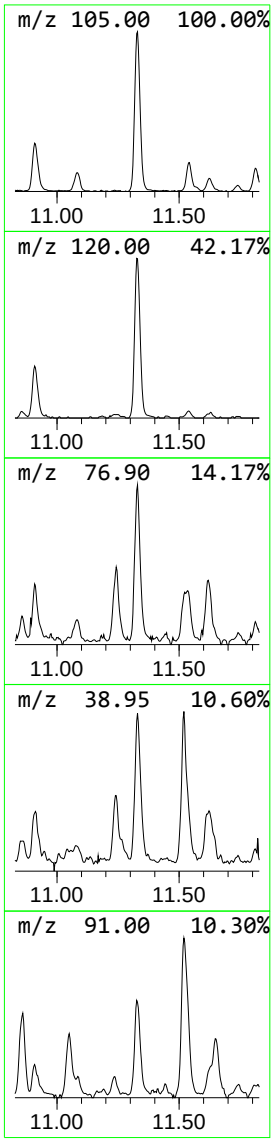
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.329	1.47 ug/L	199597	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102822\
Data File : VV028768.D
Acq On : 28 Oct 2022 20:11
Operator : SY/MD
Sample : N5320-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB5

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

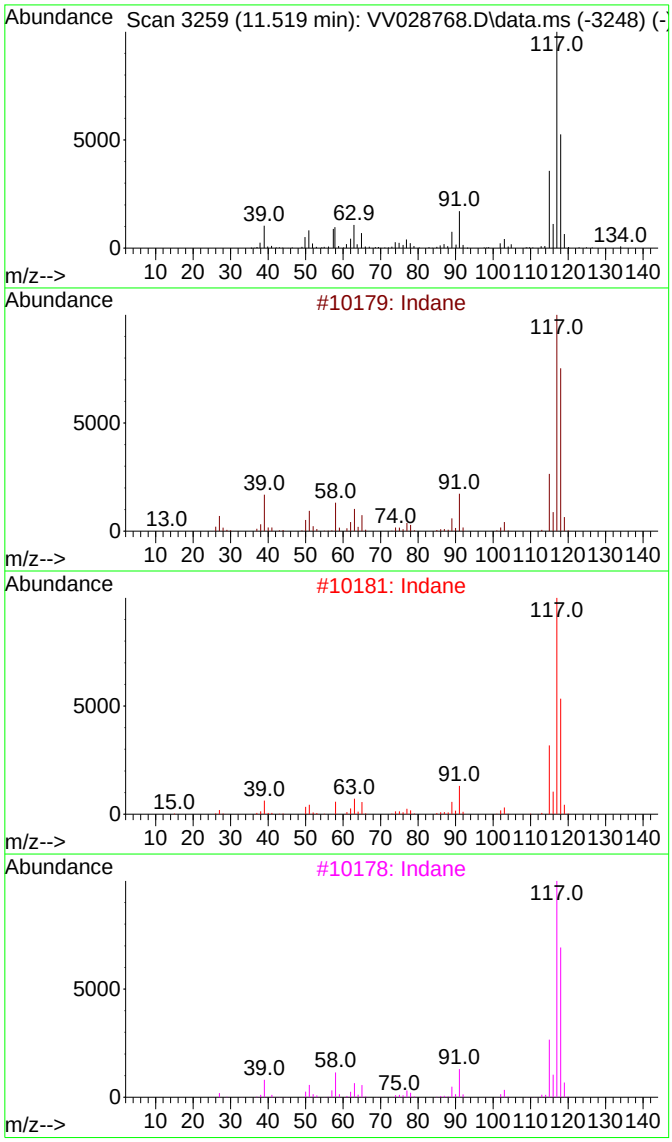
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

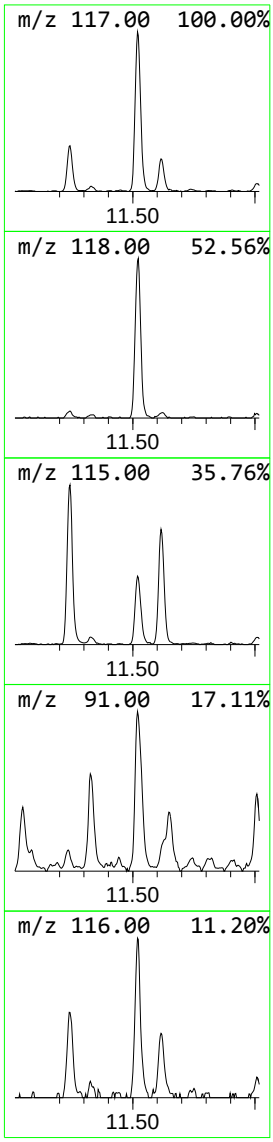
****

Peak Number 12 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.519	1.83 ug/L	249024	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	96
2	Indane	118	C9H10	000496-11-7	95
3	Indane	118	C9H10	000496-11-7	93
4	Indane	118	C9H10	000496-11-7	90
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102822\
Data File : VV028768.D
Acq On : 28 Oct 2022 20:11
Operator : SY/MD
Sample : N5320-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB5

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

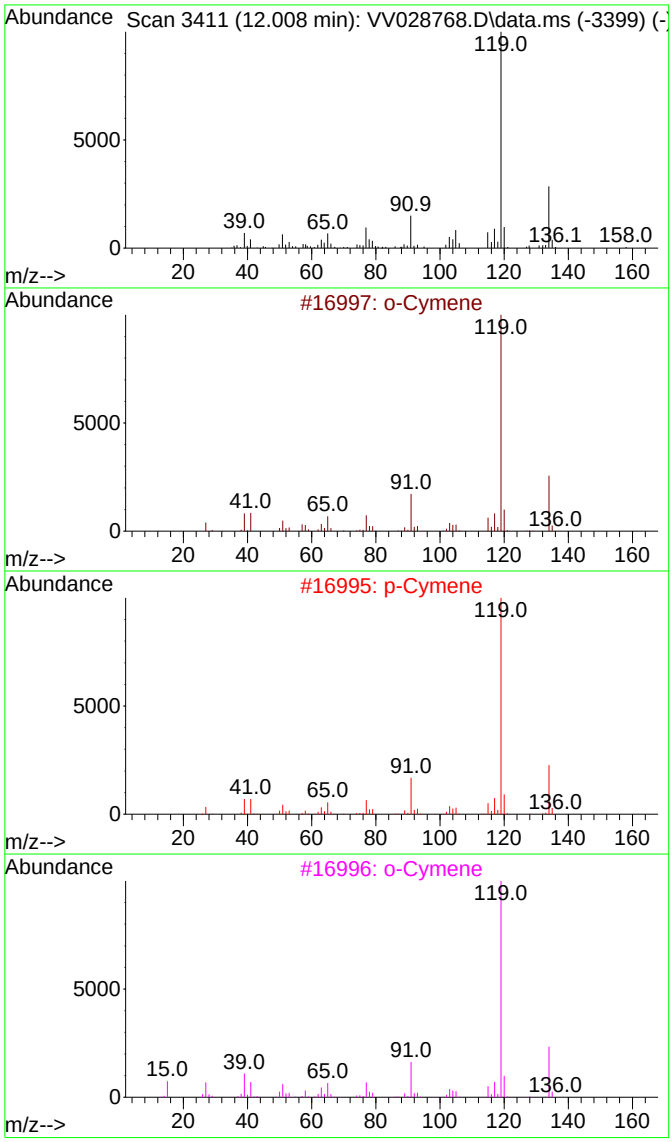
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

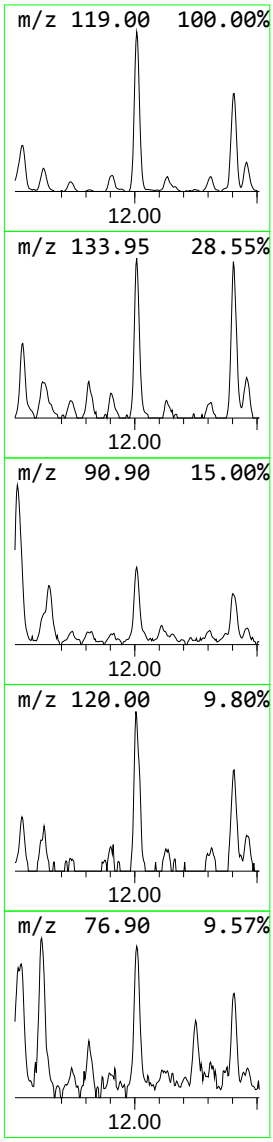
****

Peak Number 13 o-Cymene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.008	0.73 ug/L	99040	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	p-Cymene	134	C10H14	000099-87-6	95
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102822\
Data File : VV028768.D
Acq On : 28 Oct 2022 20:11
Operator : SY/MD
Sample : N5320-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB5

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
Ethyl ether	1.947	5.7	ug/L	554242	1	5.613	485046	5.0
(DEL) Alkane: S...	2.529	2.5	ug/L	241918	1	5.613	485046	5.0
(DEL) Alkane: S...	2.757	4.3	ug/L	418404	1	5.613	485046	5.0
(DEL) Alkane: S...	3.037	3.9	ug/L	380477	1	5.613	485046	5.0
Diisopropyl ether	3.282	23.9	ug/L	2315340	1	5.613	485046	5.0
(DEL) Alkane: C...	3.757	6.4	ug/L	617081	1	5.613	485046	5.0
Benzene, propyl-	10.349	1.7	ug/L	228919	3	11.243	680412	5.0
(DEL) Alkane: S...	10.474	0.7	ug/L	93635	3	11.243	680412	5.0
Benzene, 1-ethy...	10.731	1.9	ug/L	251218	3	11.243	680412	5.0
Benzene, 1,2,3-...	11.329	1.5	ug/L	199597	3	11.243	680412	5.0
Indane	11.519	1.8	ug/L	249024	3	11.243	680412	5.0
o-Cymene	12.008	0.7	ug/L	99040	3	11.243	680412	5.0