LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028715.D
Acq On : 27 Oct 2022 13:12
Operator : SY/MD
Sample : N5232-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB9

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: VV028715.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.581	155	168	178	rVB2	132196	224073	1.23%	0.708%
2	1.947	271	282	301	rBV	2012519	2737328	15.00%	8.643%
3	3.282	677	697	725	rBV	979966	2275664	12.47%	7.185%
4	3.915	883	894	929	rBV3	42476	186091	1.02%	0.588%
5	4.343	1010	1027	1047	rBV	82669	213514	1.17%	0.674%
6	5.044	1231	1245	1252	rBV2	182149	424135	2.32%	1.339%
7	5.095	1253	1261	1290	rVB	245991	567100	3.11%	1.791%
8	5.616	1412	1423	1445	rBV	138397	291538	1.60%	0.921%
9	6.066	1551	1563	1590	rBV	118282	258835	1.42%	0.817%
10	7.314	1933	1951	1969	rBV	128707	236968	1.30%	0.748%
11	8.092	2178	2193	2230	rBV2	242401	653623	3.58%	2.064%
12	8.876	2418	2437	2473	rBV	11285367	18246156	100.00%	57.613%
13	9.564	2636	2651	2675	rBV3	86489	215784	1.18%	0.681%
14	9.924	2751	2763	2779	rBV	1230265	1893027	10.37%	5.977%
15	10.349	2878	2895	2909	rBV2	247566	496635	2.72%	1.568%
16	11.243	3164	3173	3192	rVB4	180385	452632	2.48%	1.429%
17	11.342	3193	3204	3223	rBV3	211998	365849	2.01%	1.155%
18	11.519	3248	3259	3278	rBV	280570	485821	2.66%	1.534%
19	11.619	3279	3290	3316	rVB3	162804	378608	2.08%	1.195%
20	12.008	3400	3411	3425	rBV	141019	231530	1.27%	0.731%
21	12.403	3522	3534	3543	rBV	141558	219381	1.20%	0.693%
22	12.873	3663	3680	3690	rBV2	176192	289239	1.59%	0.913%
23	16.297	4734	4745	4758	rBV	214942	326896	1.79%	1.032%

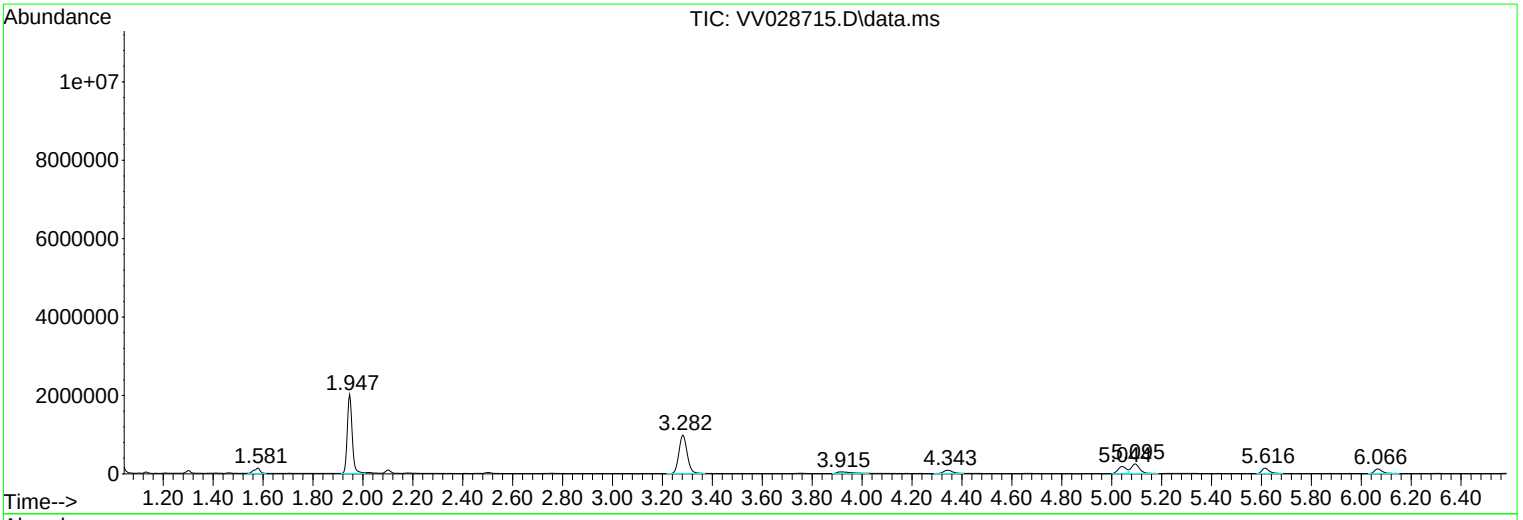
Sum of corrected areas: 31670427

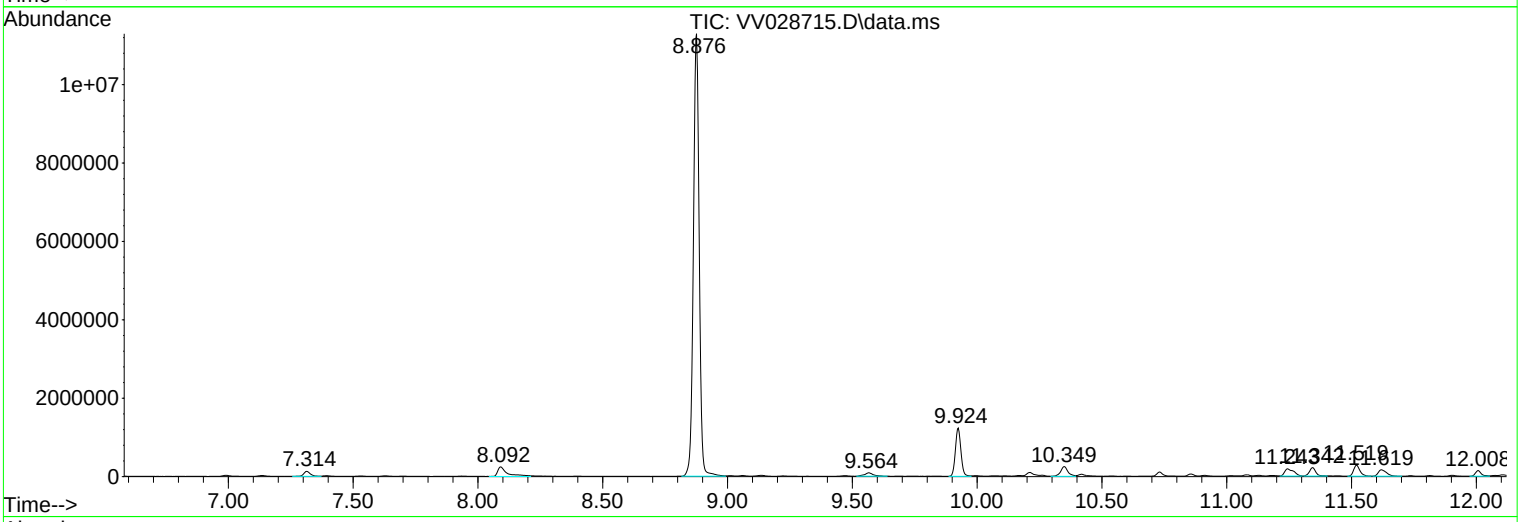
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028715.D
Acq On : 27 Oct 2022 13:12
Operator : SY/MD
Sample : N5232-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

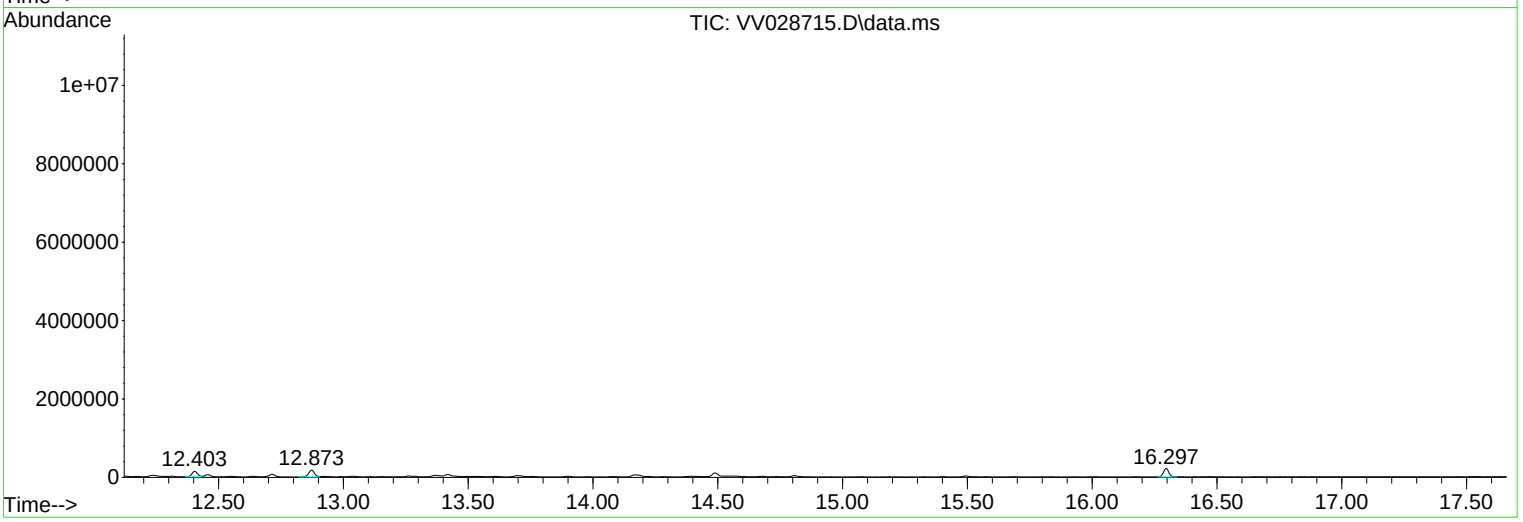
Instrument :
MSVOA_V
ClientSampleId :
BHAB9

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\VV102722\
Data File : VV028715.D
Acq On : 27 Oct 2022 13:12
Operator : SY/MD
Sample : N5232-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB9

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

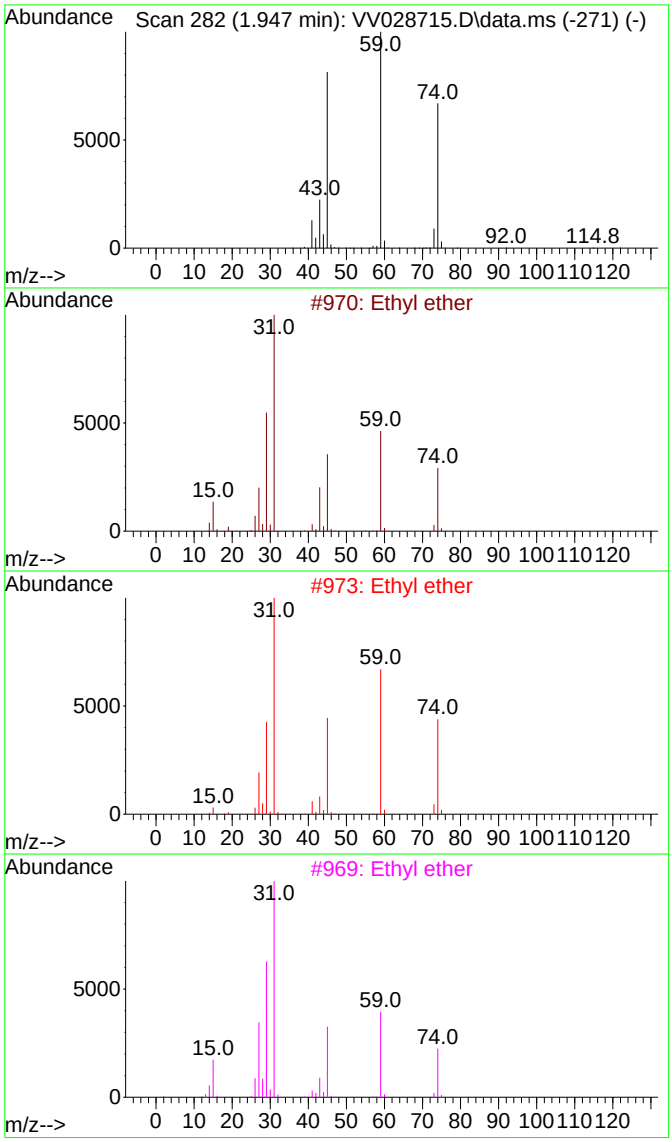
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

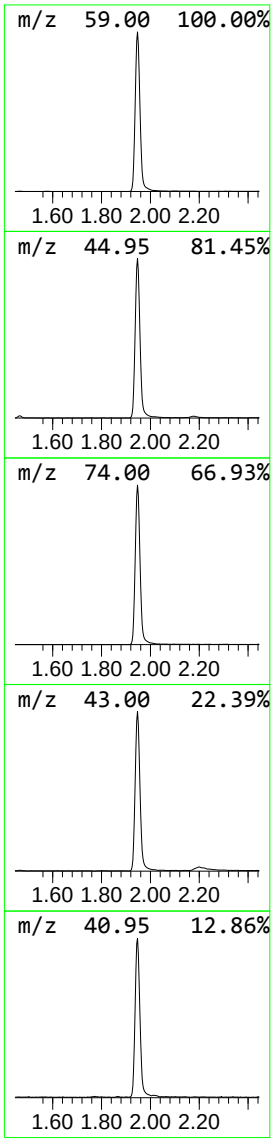
****

Peak Number 1 Ethyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.947	46.95 ug/L	2737330	1,4-Difluorobenzene	5.616

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	72
5	Ethyl ether	74	C4H10O	000060-29-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028715.D
Acq On : 27 Oct 2022 13:12
Operator : SY/MD
Sample : N5232-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB9

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

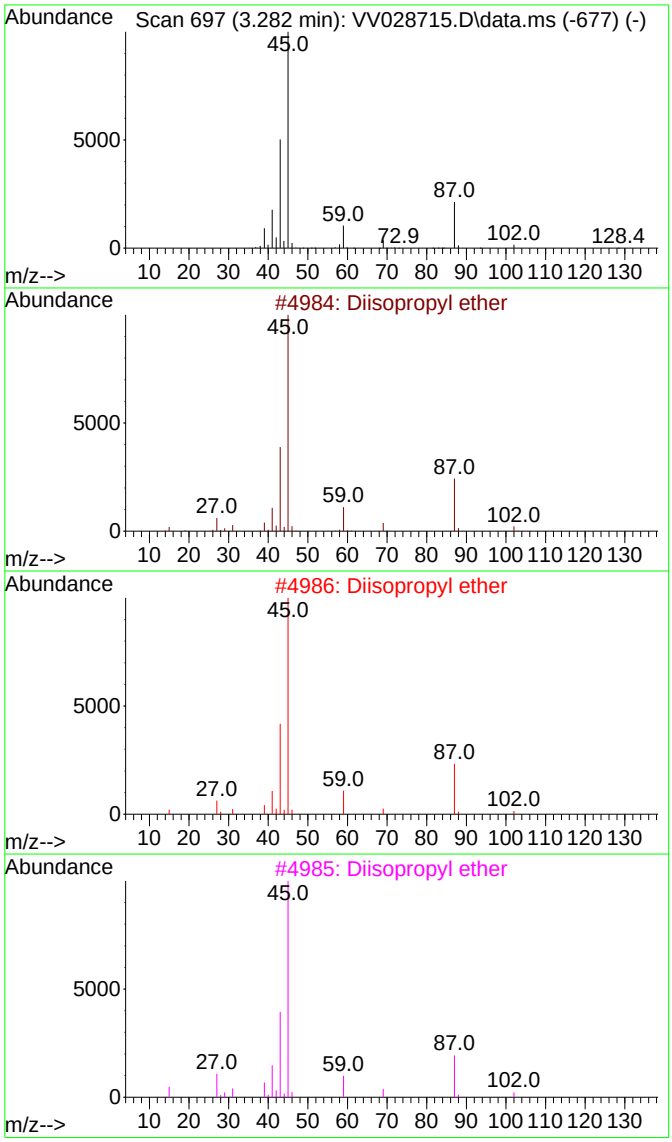
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

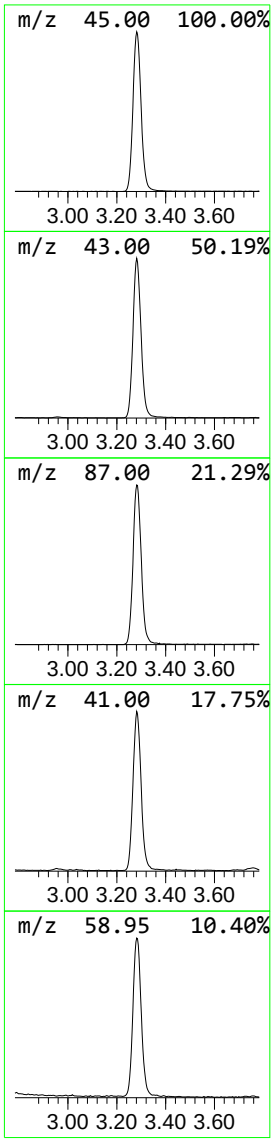
****

Peak Number 2 Diisopropyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.282	39.03 ug/L	2275660	1,4-Difluorobenzene	5.616

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	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028715.D
Acq On : 27 Oct 2022 13:12
Operator : SY/MD
Sample : N5232-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB9

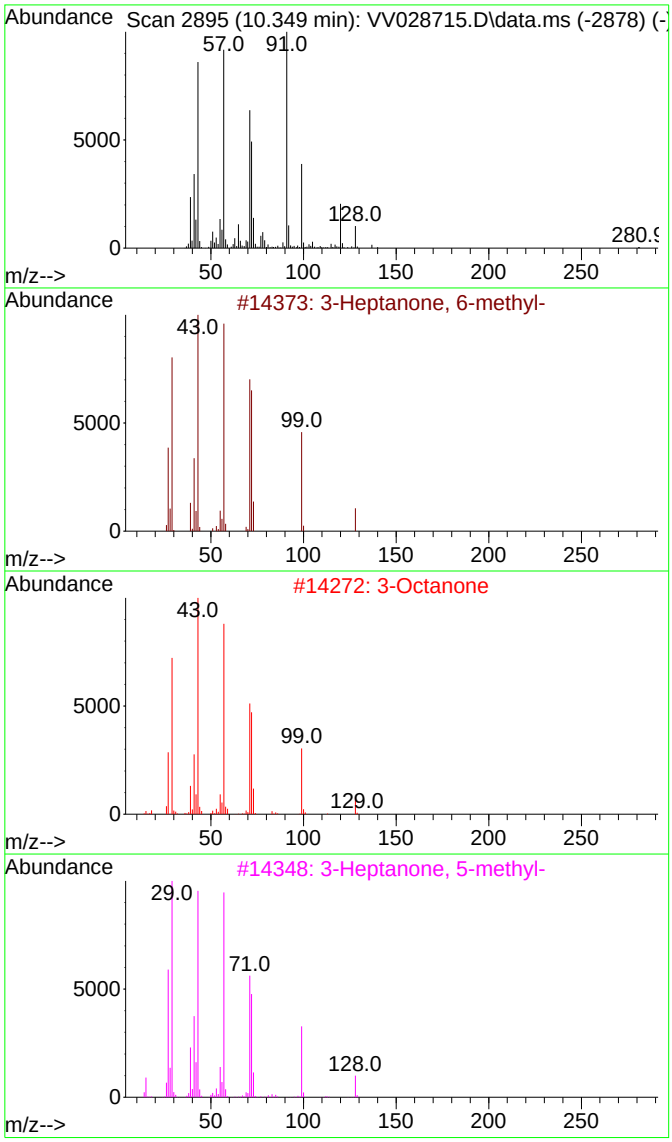
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

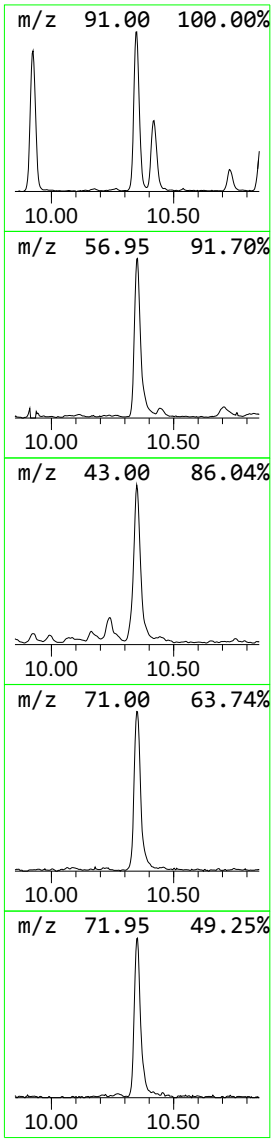
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 3-Heptanone, 6-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.349	5.49 ug/L	496635	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanone, 6-methyl-	128	C8H16O	000624-42-0	93
2	3-Octanone	128	C8H16O	000106-68-3	76
3	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	76
4	3-Octanone	128	C8H16O	000106-68-3	70
5	3-Heptanone, 5-methyl-	128	C8H16O	000541-85-5	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028715.D
Acq On : 27 Oct 2022 13:12
Operator : SY/MD
Sample : N5232-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB9

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

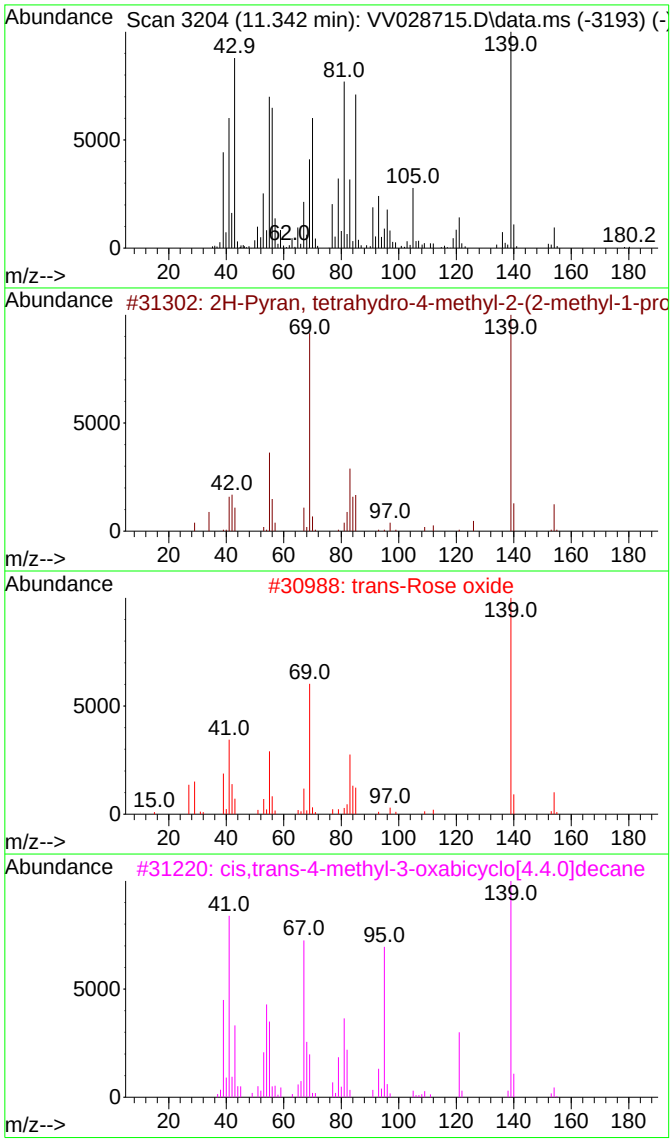
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

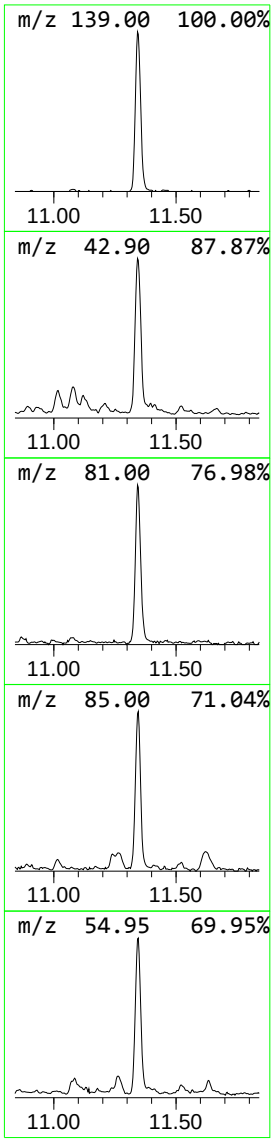
****

Peak Number 4 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.342	4.04 ug/L	365849	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	25
2	trans-Rose oxide	154	C10H18O	000876-18-6	18
3	cis,trans-4-methyl-3-oxabicyclo[...	154	C10H18O	1000216-89-8	18
4	(2S,4R)-4-Methyl-2-(2-methylprop...	154	C10H18O	003033-23-6	18
5	4-Decene, 5-methyl-, (E)-	154	C11H22	062338-51-6	15





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028715.D
Acq On : 27 Oct 2022 13:12
Operator : SY/MD
Sample : N5232-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB9

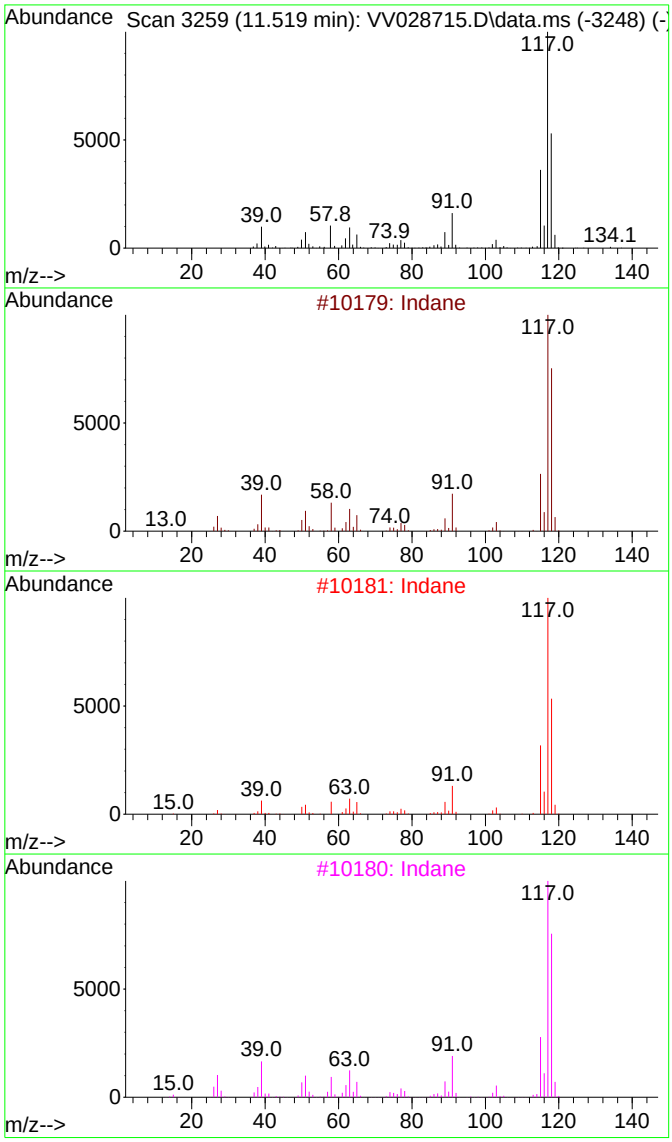
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

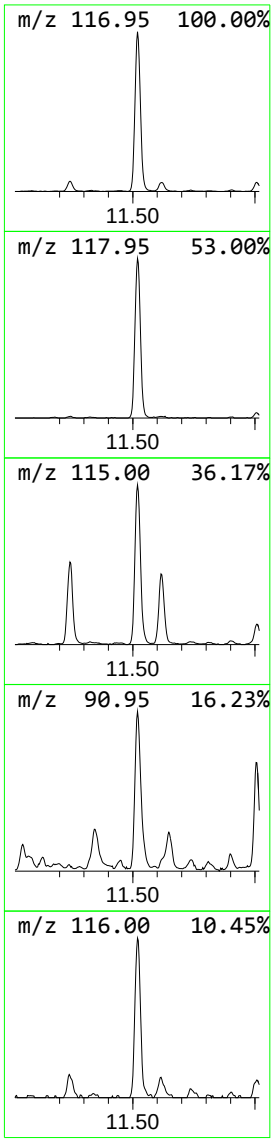
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.519	5.37 ug/L	485821	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	90
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
5	Indane	118	C9H10	000496-11-7	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028715.D
Acq On : 27 Oct 2022 13:12
Operator : SY/MD
Sample : N5232-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB9

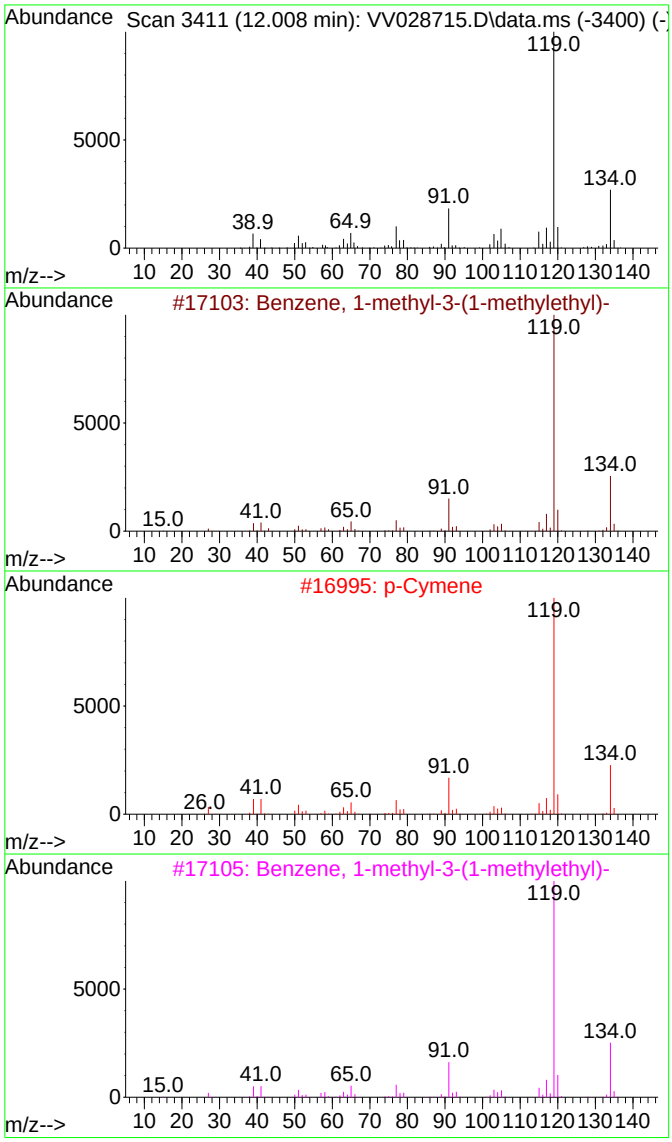
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

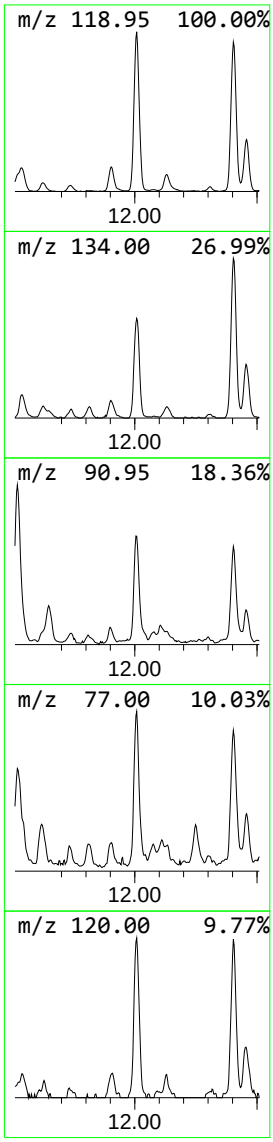
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-methyl-3-(1-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.008	2.56 ug/L	231530	1,4-Dichlorobenzene-d4	11.243

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028715.D
Acq On : 27 Oct 2022 13:12
Operator : SY/MD
Sample : N5232-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB9

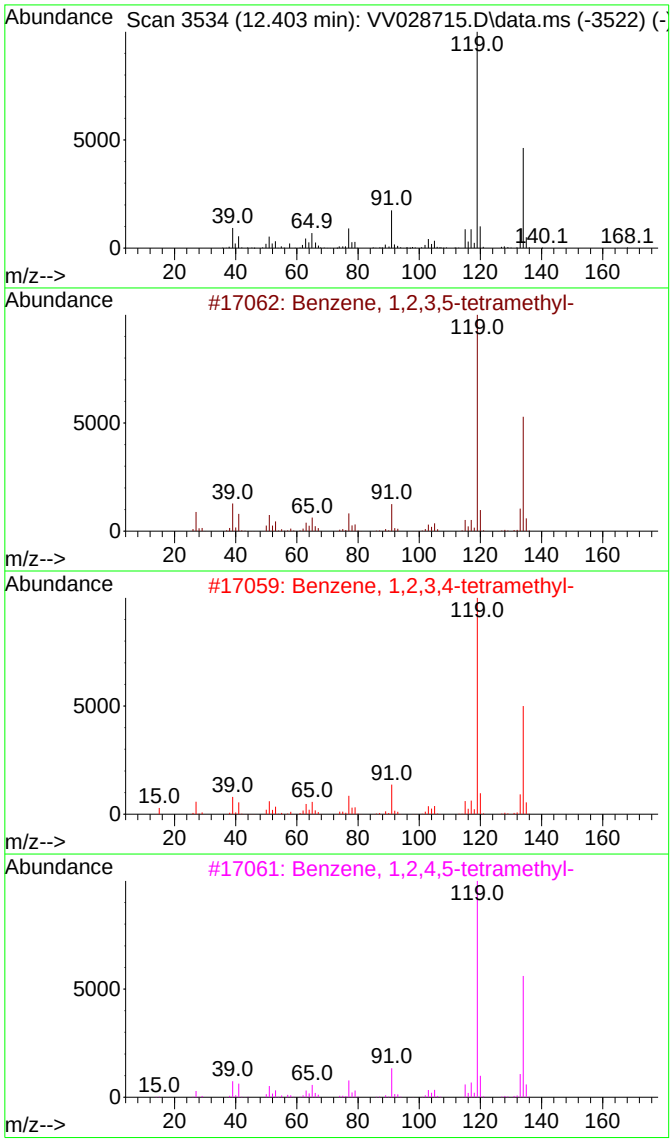
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

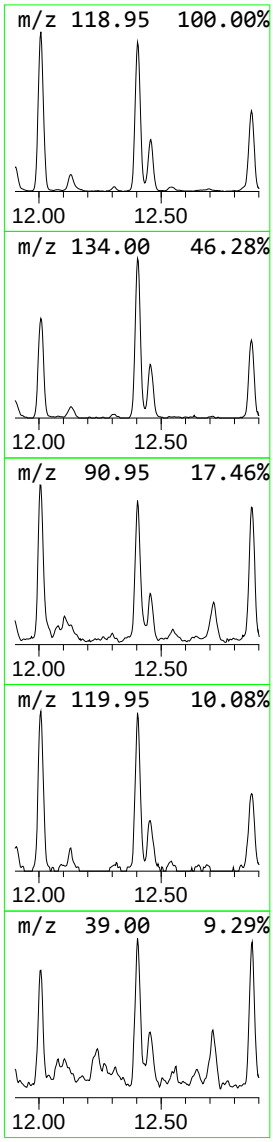
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.403	2.42 ug/L	219381	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028715.D
Acq On : 27 Oct 2022 13:12
Operator : SY/MD
Sample : N5232-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB9

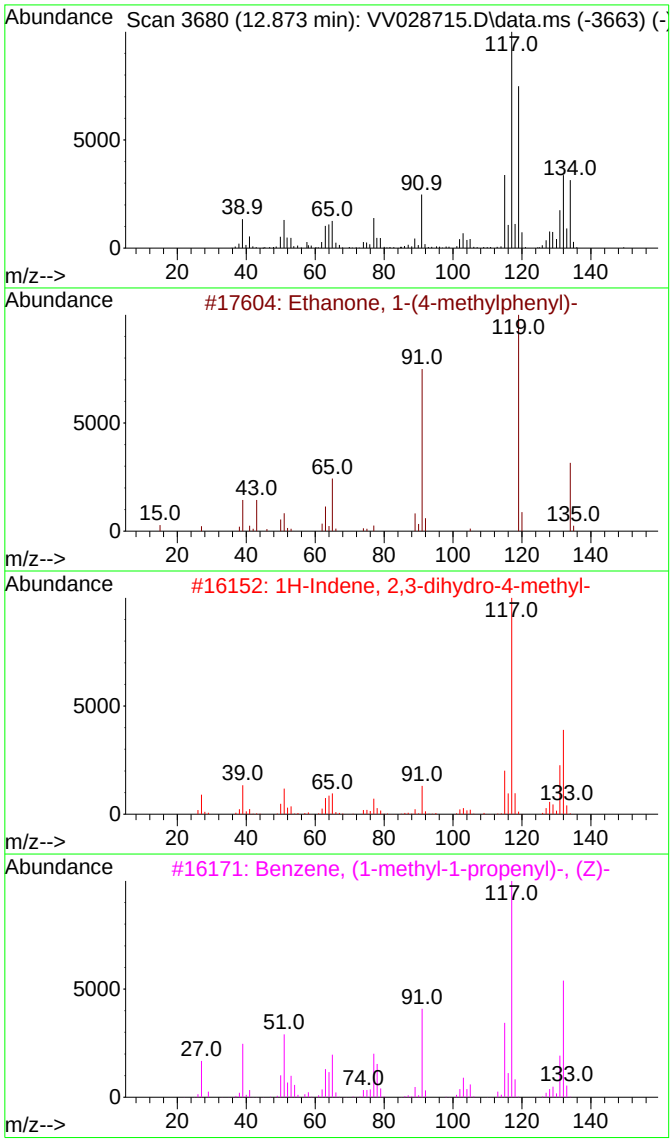
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

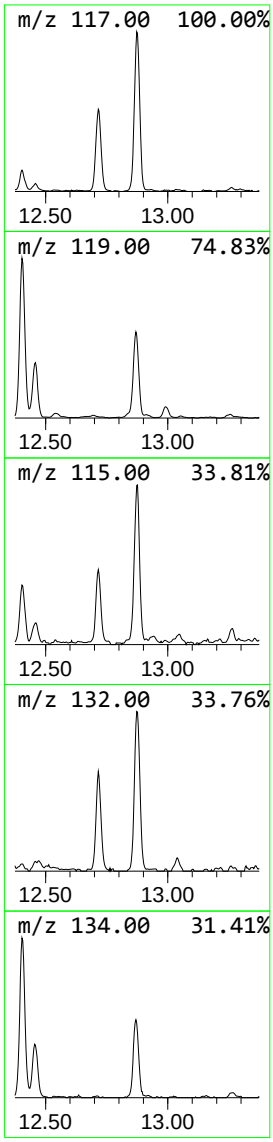
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Ethanone, 1-(4-methylphenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.873	3.20 ug/L	289239	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(4-methylphenyl)-	134	C9H10O	000122-00-9	70
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	60
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	60
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	55
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	55





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028715.D
Acq On : 27 Oct 2022 13:12
Operator : SY/MD
Sample : N5232-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB9

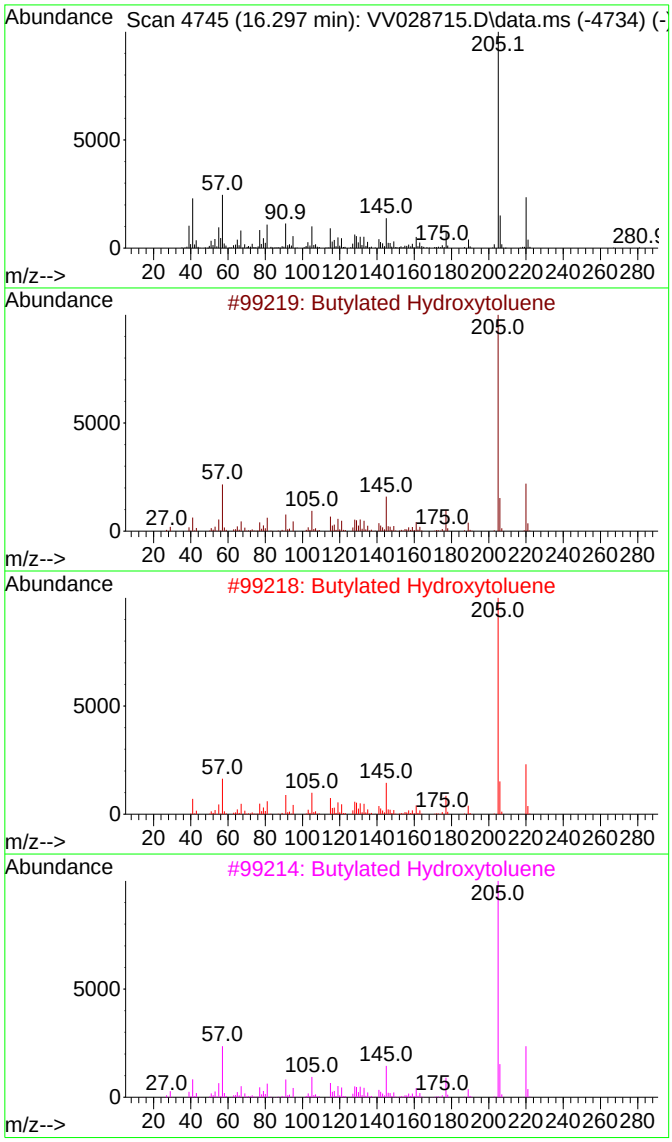
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0

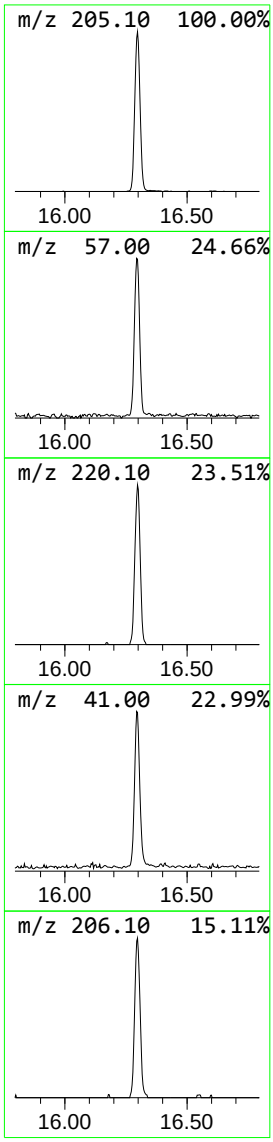
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Butylated Hydroxytoluene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.297	3.61 ug/L	326896	1,4-Dichlorobenzene-d4	11.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	99
2	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	98
3	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	98
4	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	97
5	Ethyl 4-oxo-2-phenylpentanoate	220	C13H16O3	1000427-11-2	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028715.D
Acq On : 27 Oct 2022 13:12
Operator : SY/MD
Sample : N5232-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHAB9

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	47.0	ug/L	2737330	1	5.616	291538	5.0
Diisopropyl ether	3.282	39.0	ug/L	2275660	1	5.616	291538	5.0
3-Heptanone, 6-...	10.349	5.5	ug/L	496635	3	11.243	452632	5.0
unknown-01	11.342	4.0	ug/L	365849	3	11.243	452632	5.0
Indane	11.519	5.4	ug/L	485821	3	11.243	452632	5.0
Benzene, 1-meth...	12.008	2.6	ug/L	231530	3	11.243	452632	5.0
Benzene, 1,2,3,...	12.403	2.4	ug/L	219381	3	11.243	452632	5.0
Ethanone, 1-(4-...	12.873	3.2	ug/L	289239	3	11.243	452632	5.0
Butylated Hydro...	16.297	3.6	ug/L	326896	3	11.243	452632	5.0