

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041221\
 Data File : VL036790.D
 Acq On : 12 Apr 2021 15:18
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Apr 12 19:09:59 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1443143	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3525331	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2771397	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1712174	7.75	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	77.50%

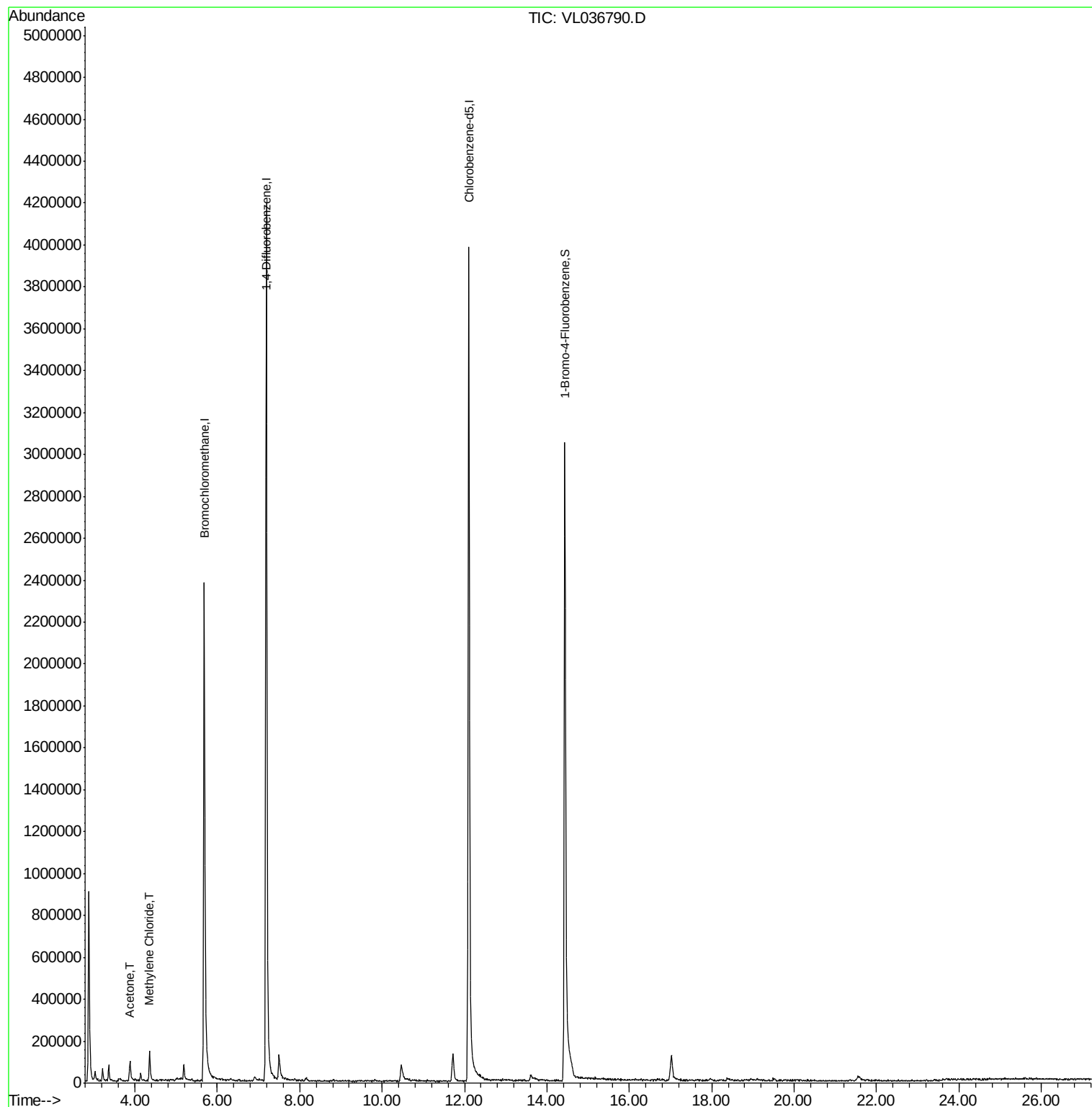
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.87	43	70187	0.494	ppbv	# 73
20) Methylene Chloride	4.36	84	54455	0.819	ppbv	95

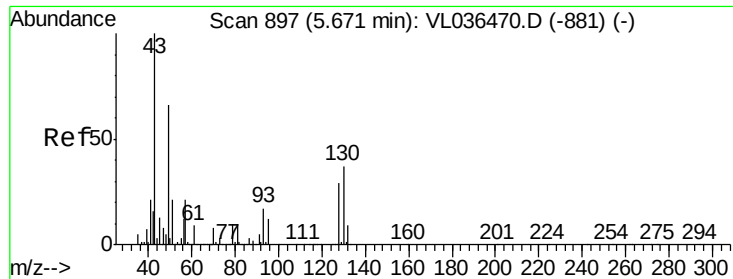
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.01 min

Lab File: VL036790.D

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Instrument :

MSVOA_L

ClientSampleId :

VIBLK

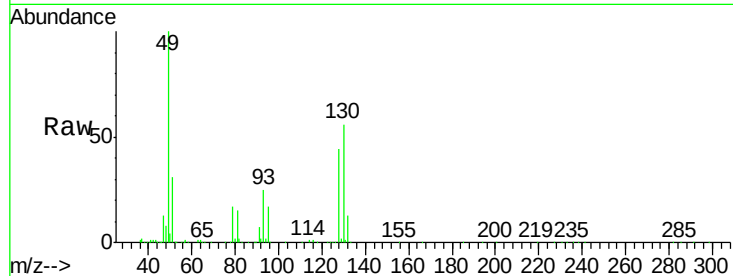
Tot Ion: 49 Resp: 1443143

Ion Ratio Lower Upper

49 100

128 47.3 23.5 70.6

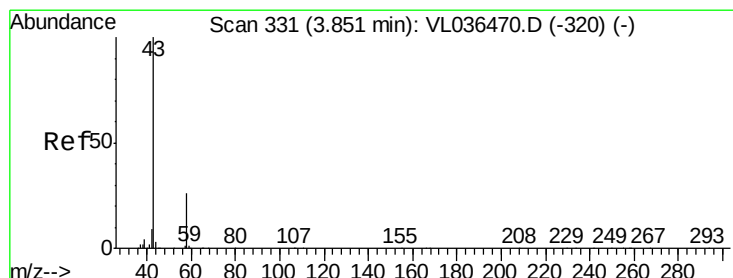
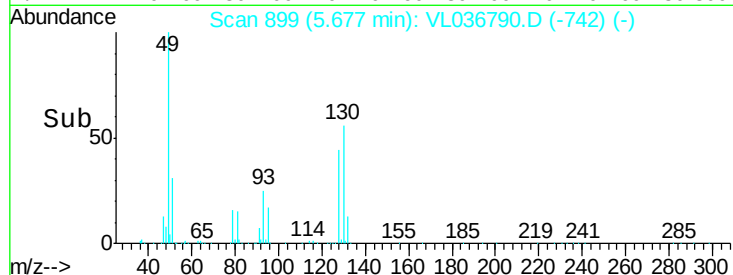
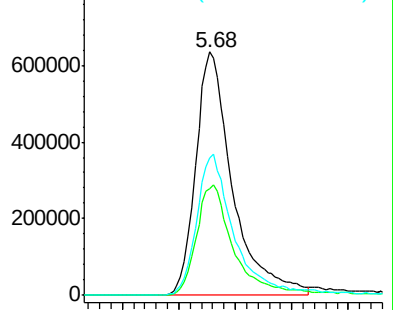
130 59.8 29.1 87.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.494 ppbv

RT: 3.87 min Scan# 337

Delta R.T. 0.02 min

Lab File: VL036790.D

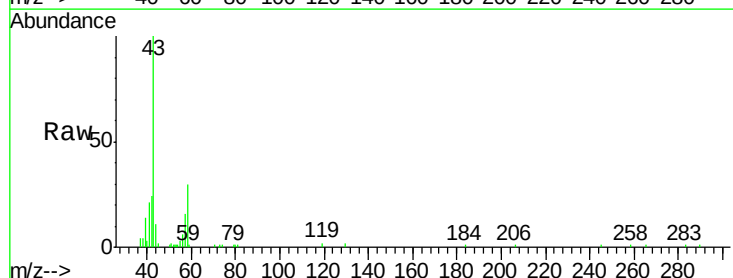
Acq: 12 Apr 2021 15:18

Tgt Ion: 43 Resp: 70187

Ion Ratio Lower Upper

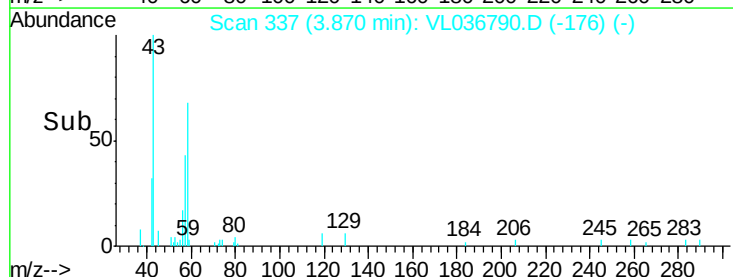
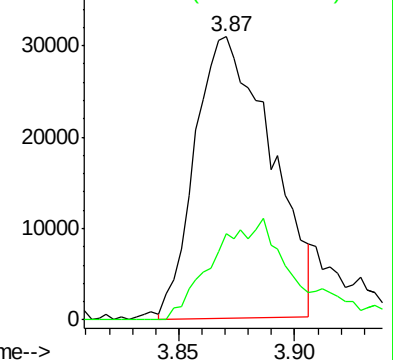
43 100

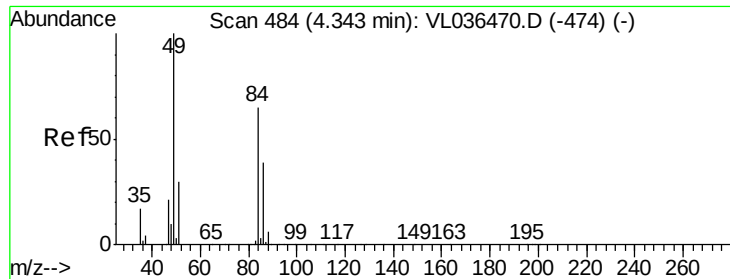
58 40.1 21.2 31.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

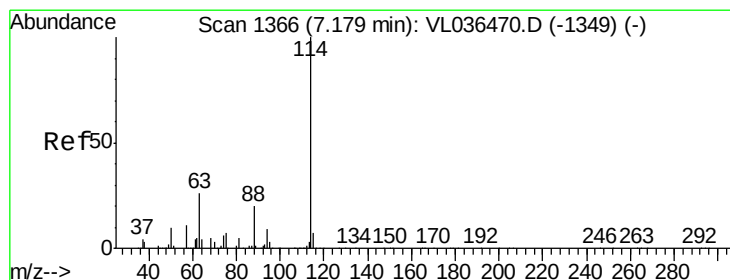
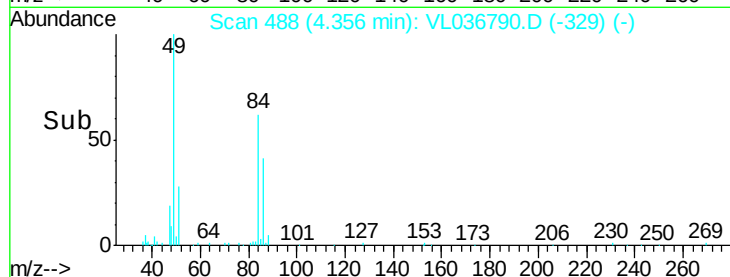
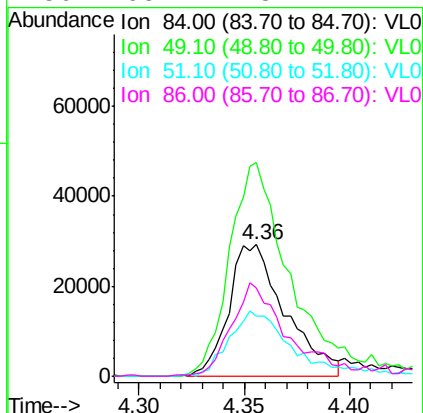
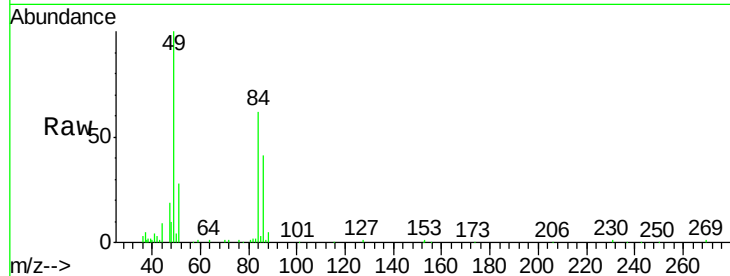




#20
Methylene Chloride
Concen: 0.819 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.01 min
Lab File: VL036790.D
Acq: 12 Apr 2021 15:18

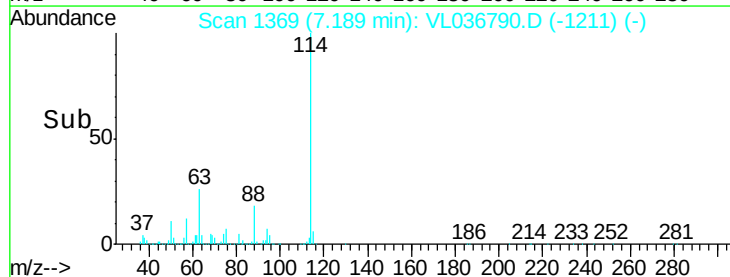
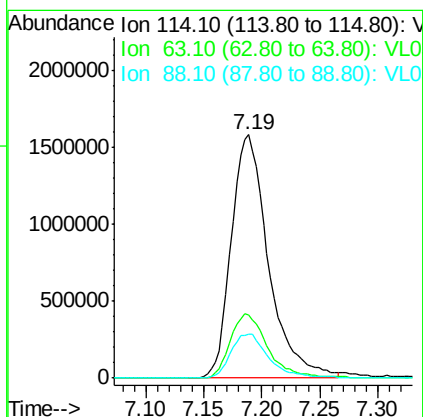
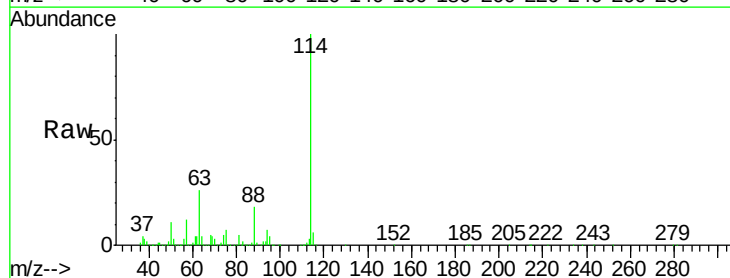
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

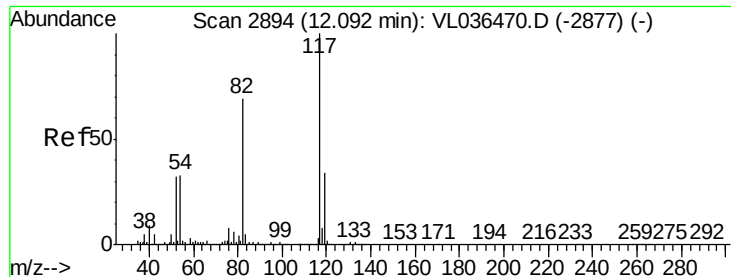
Tot Ion: 84	Resp: 54455
Ion Ratio	Lower Upper
84 100	
49 160.0	122.9 184.3
51 43.7	36.9 55.3
86 65.4	48.2 72.4



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. 0.01 min
Lab File: VL036790.D
Acq: 12 Apr 2021 15:18

Tgt Ion	Ion:114	Resp: 3525331	
	Ratio	Lower	Upper
114	100		
63	27.0	22.4	33.6
88	18.7	15.4	23.0

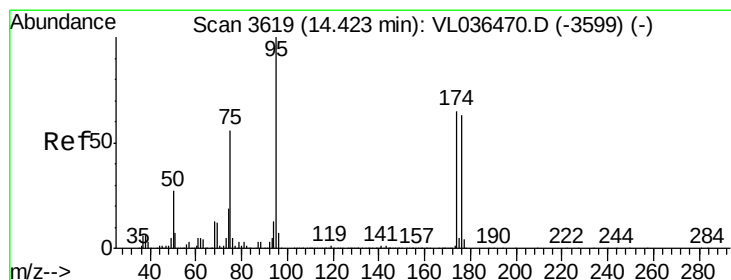
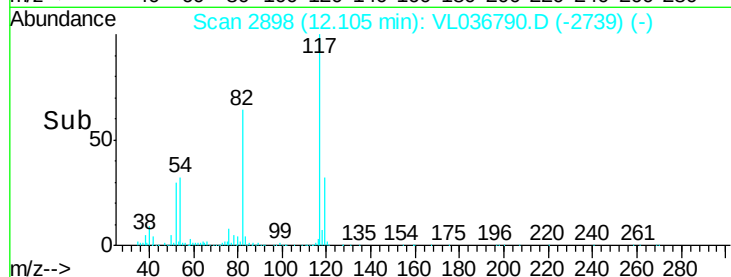
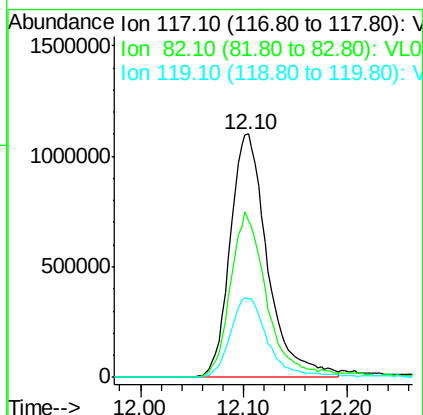
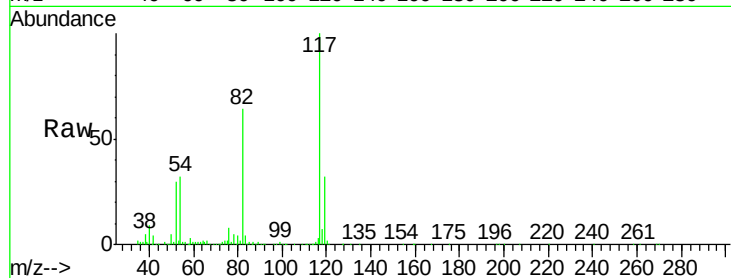




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. 0.01 min
Lab File: VL036790.D
Acq: 12 Apr 2021 15:18

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion:117 Resp: 2771397
Ion Ratio Lower Upper
117 100
82 68.6 57.4 86.0
119 33.5 47.4 71.0#



#68
1-Bromo-4-Fluorobenzene
Concen: 7.752 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. 0.01 min
Lab File: VL036790.D
Acq: 12 Apr 2021 15:18

Tgt Ion: 95 Resp: 1712174
Ion Ratio Lower Upper
95 100
174 68.8 51.0 76.6
175 4.9 3.9 5.9

