

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111220\
 Data File : VL035909.D
 Acq On : 12 Nov 2020 11:13
 Operator : SY/AP
 Sample : VL1112ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1112ABL01

Manual Integrations
 APPROVED

MMDadoda
 11/16/2020 2:27:56 PM

Quant Time: Nov 13 01:05:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1136006	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4069168	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3829383	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2814809	10.35	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.87	43	36191	0.298	ppbv	# 4
20) Methylene Chloride	4.34	84	20221m	0.237	ppbv	

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

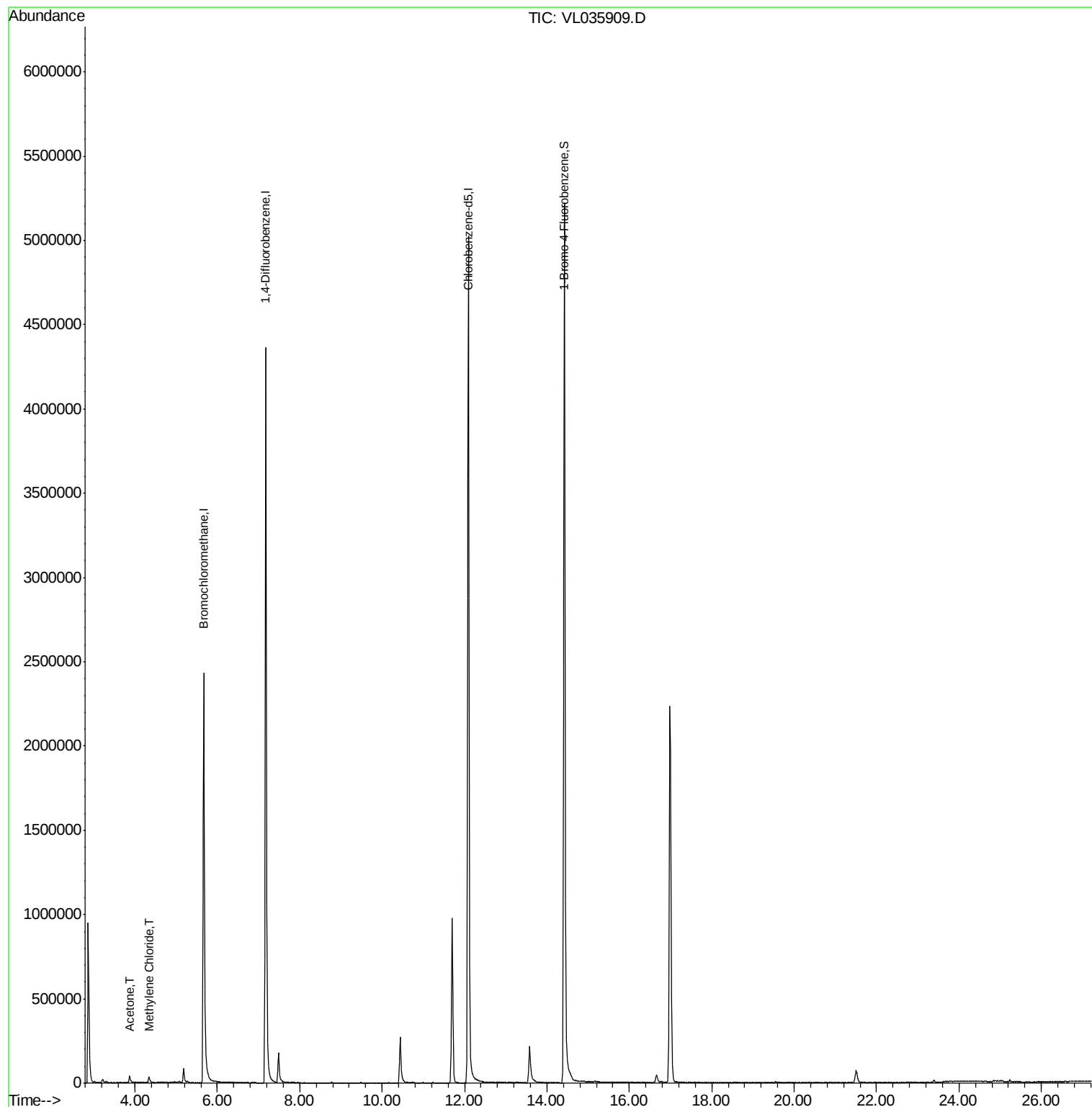
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111220\
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.00 min

Lab File: VL035909.D

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Instrument :

MSVOA_L

ClientSampleId :

VL1112ABL01

Tot Ion: 49 Resp: 1136006

Ion Ratio Lower Upper

49 100

128 77.7 41.5 124.6

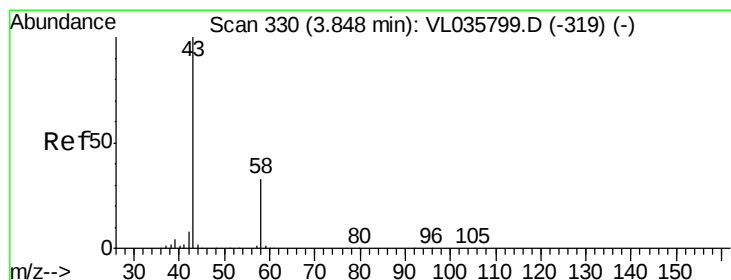
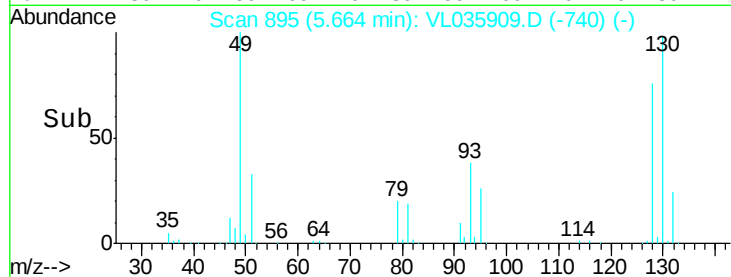
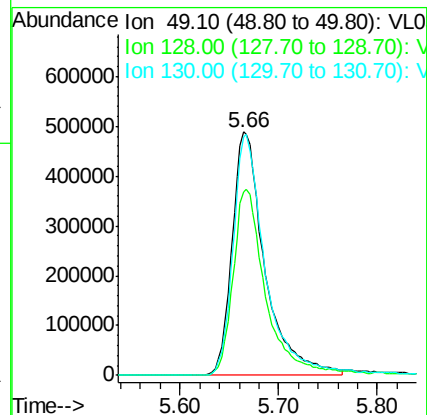
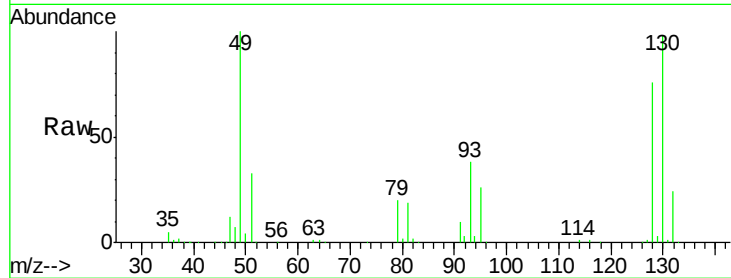
130 100.6 53.7 161.1

Manual Integrations

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#15

Acetone

Concen: 0.298 ppbv

RT: 3.87 min Scan# 336

Delta R.T. 0.02 min

Lab File: VL035909.D

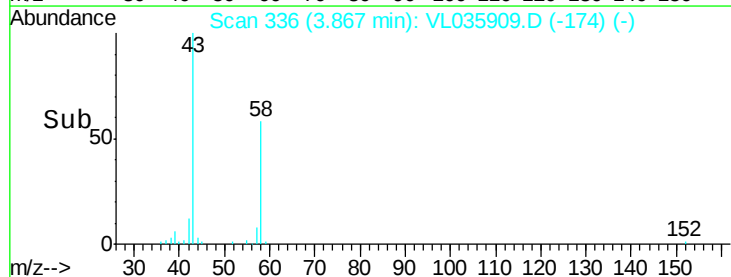
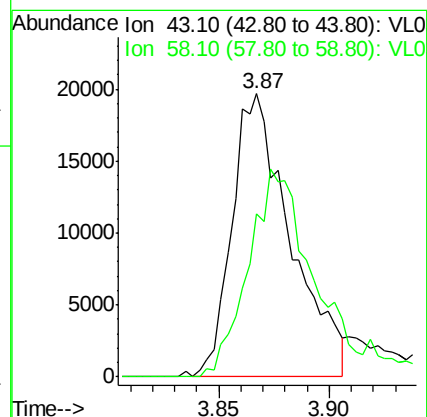
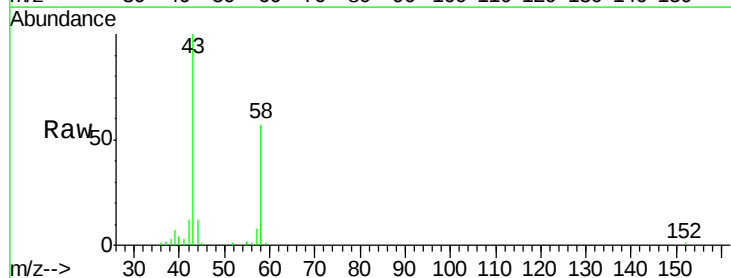
Acq: 12 Nov 2020 11:13

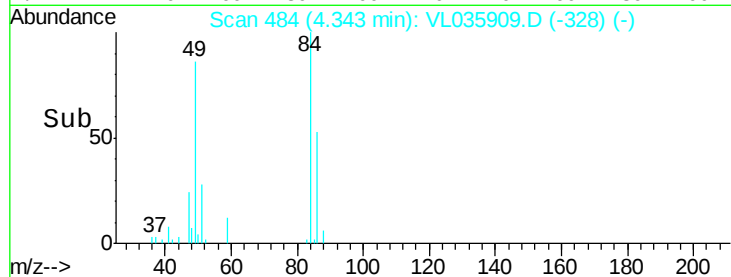
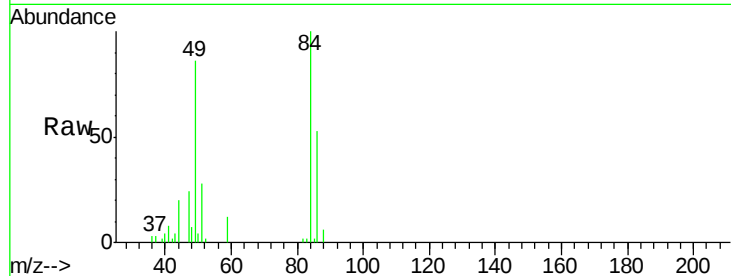
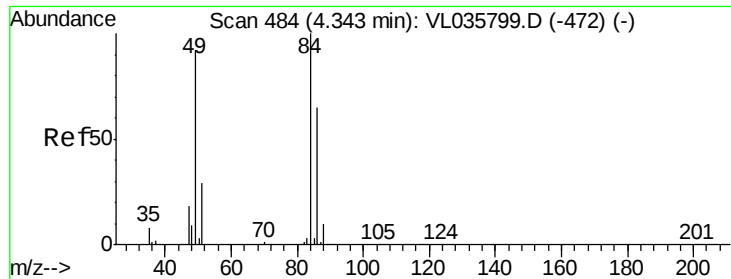
Tgt Ion: 43 Resp: 36191

Ion Ratio Lower Upper

43 100

58 89.9 27.5 41.3#





#20

Methylene Chloride

Concen: 0.237 ppbv

RT: 4.34 min Scan# 484

Delta R.T. 0.00 min

Lab File: VL035909.D

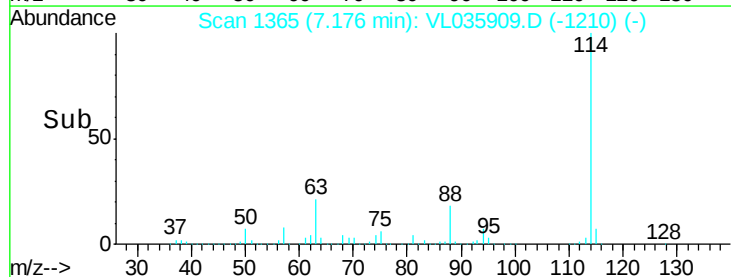
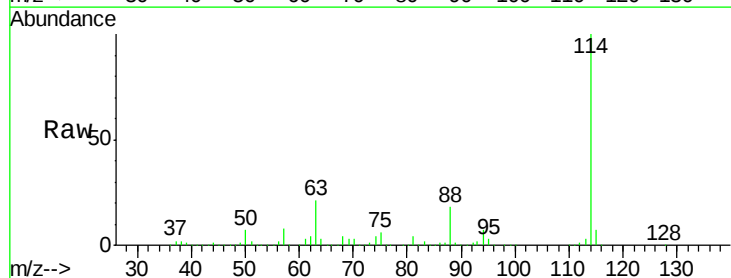
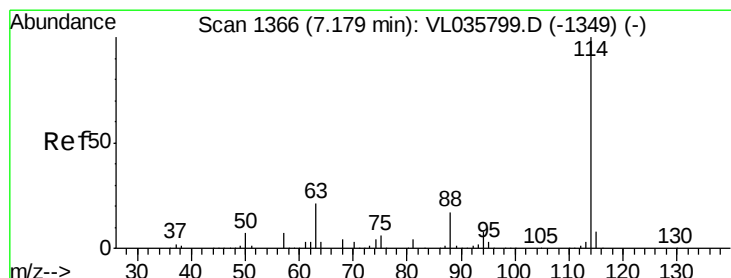
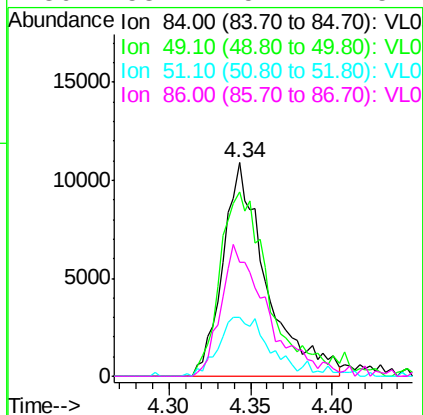
Acq: 12 Nov 2020 11:13

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	86.2	73.8	110.8	
51	27.8	23.0	34.4	
86	53.2	52.1	78.1	

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

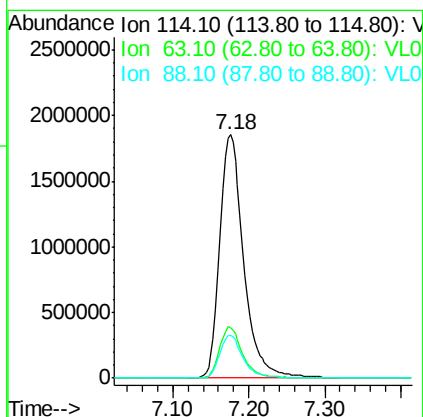
RT: 7.18 min Scan# 1365

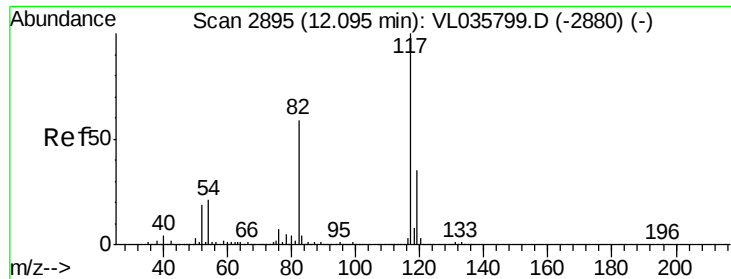
Delta R.T. -0.00 min

Lab File: VL035909.D

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Tgt Ion	Ion	Ratio	Lower	Upper
114	100			
63	20.5	16.1	24.1	
88	17.2	13.7	20.5	





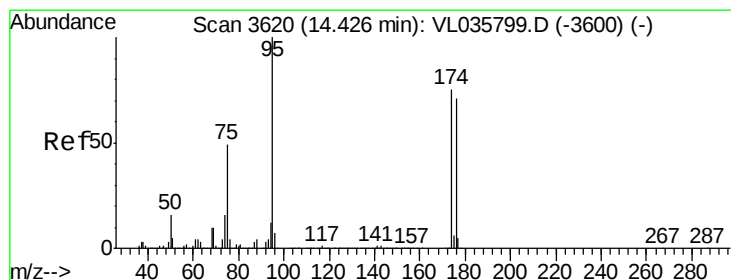
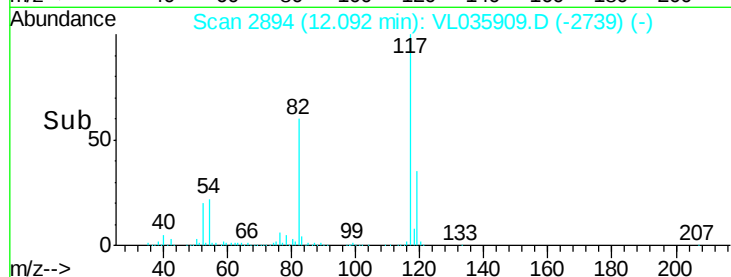
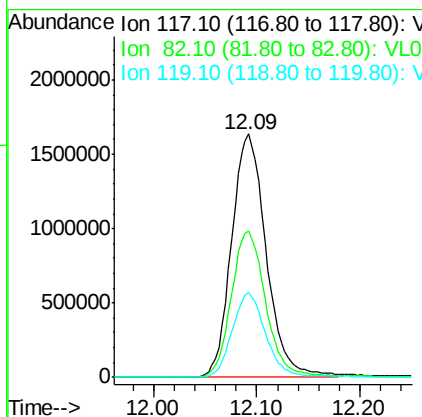
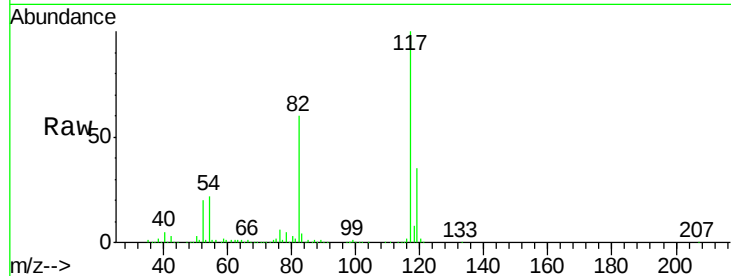
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. -0.00 min
Lab File: VL035909.D
Acq: 12 Nov 2020 11:13

Instrument :
MSVOA_L
ClientSampleId :
VL1112ABL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.0	50.6	76.0
119	34.2	52.6	78.8#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.346 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL035909.D
Acq: 12 Nov 2020 11:13

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.7	59.8	89.6
175	5.2	4.3	6.5

