

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101220\
 Data File : VL035771.D
 Acq On : 12 Oct 2020 21:10
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 10/14/2020 2:11:54 PM

Quant Time: Oct 13 01:45:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 23 07:38:05 2020
 QLast Update : Wed Sep 23 07:38:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1085564	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.18	114	4598453	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	4493510	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3250380	9.65	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.87	43	17992	0.154	ppbv	# 14
20) Methylene Chloride	4.34	84	8954m	0.104	ppbv	

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

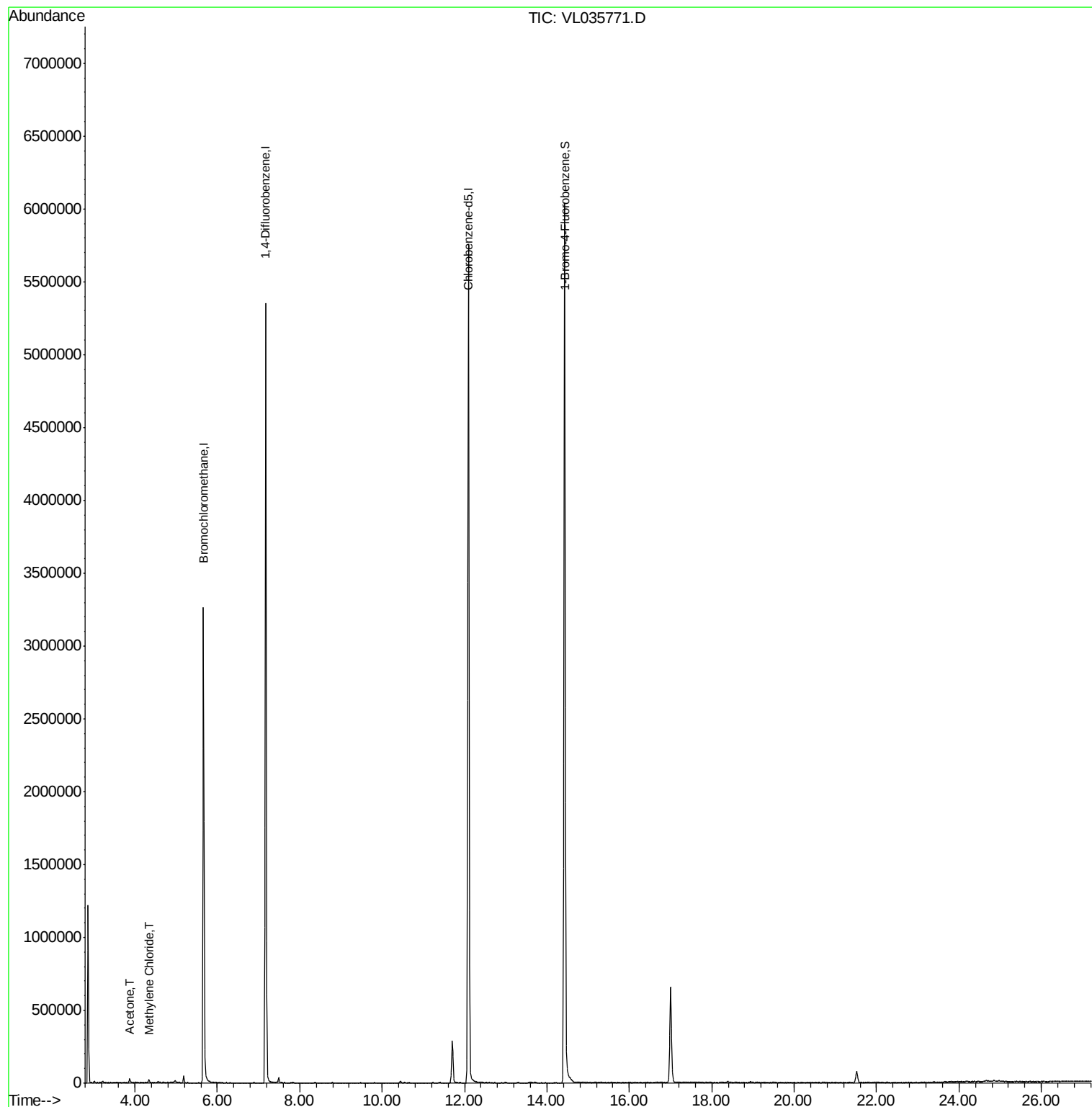
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL101220\
Data File : VL035771.D
Acq On : 12 Oct 2020 21:10
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations
APPROVED

MMDadoda
10/14/2020 2:11:54 PM

Quant Time: Oct 13 01:45:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep
QLast Update : Wed Sep 23 07:38:05 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.02 min

Lab File: VL035771.D

Acq: 12 Oct 2020 21:10

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tot Ion: 49 Resp: 1085564

Ion Ratio Lower Upper

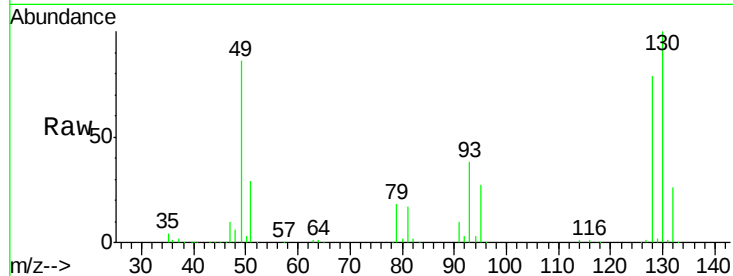
49 100

128 92.1 43.1 129.4

130 117.5 54.9 164.7

Manual Integrations
APPROVED

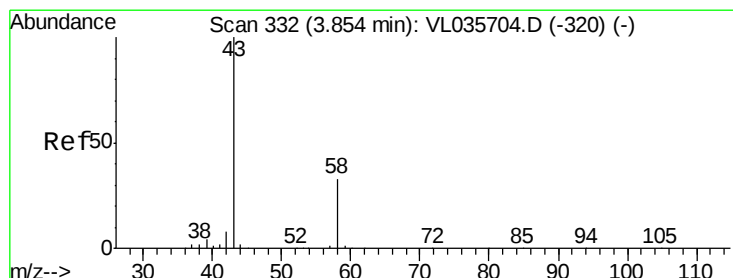
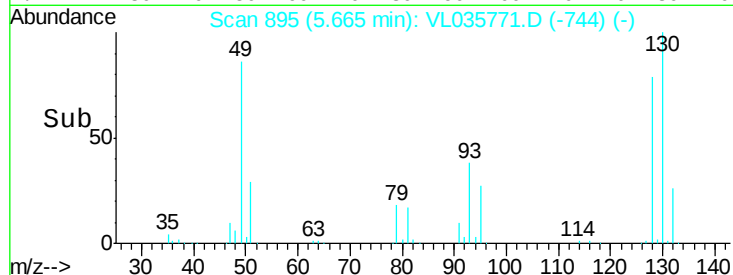
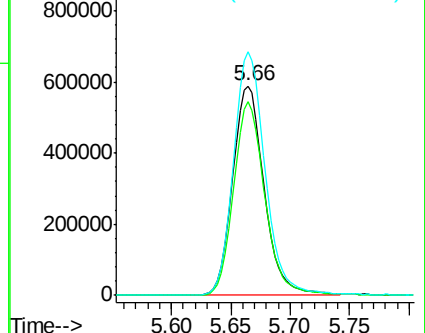
MMDadoda
10/14/2020 2:11:54 PM



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: 0.154 ppbv

RT: 3.87 min Scan# 338

Delta R.T. 0.02 min

Lab File: VL035771.D

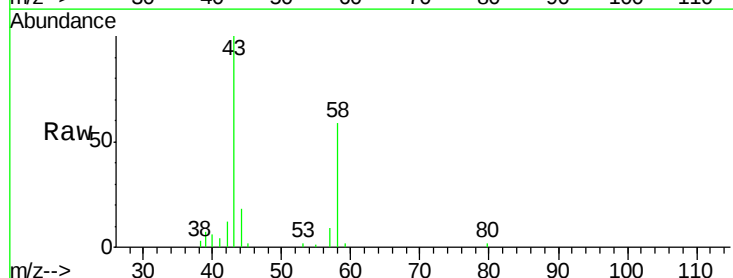
Acq: 12 Oct 2020 21:10

Tgt Ion: 43 Resp: 17992

Ion Ratio Lower Upper

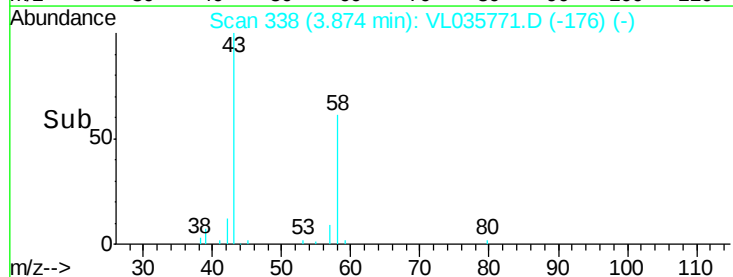
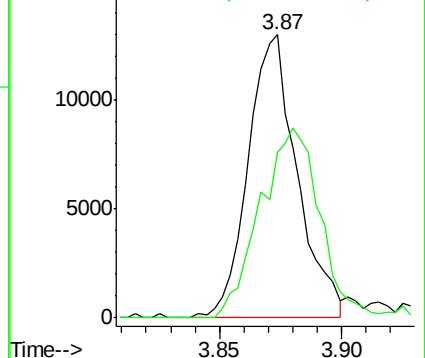
43 100

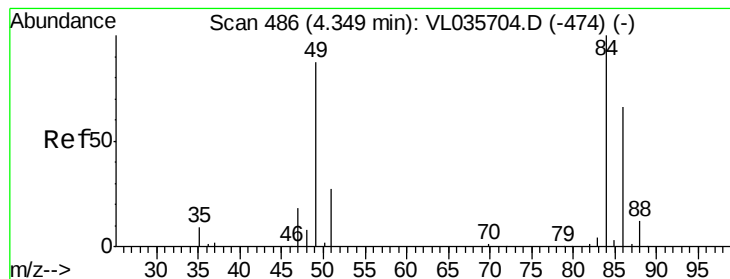
58 83.5 27.3 40.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#20

Methvlene Chloride

Concen: 0.104 ppbv m

RT: 4.34 min Scan# 482

Delta R.T. -0.01 min

Lab File: VL035771.D

Acq: 12 Oct 2020 21:10

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tot Ion: 84 Resp: 8954

Ion Ratio Lower Upper

84 100

49 90.8 69.8 104.6

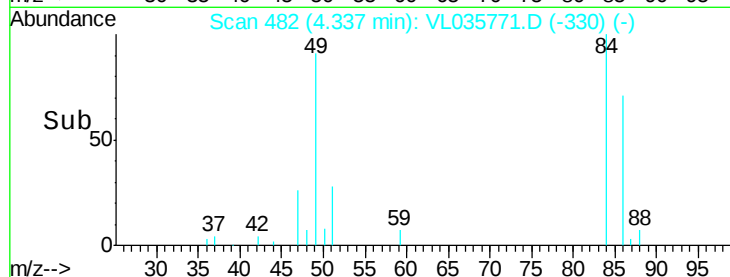
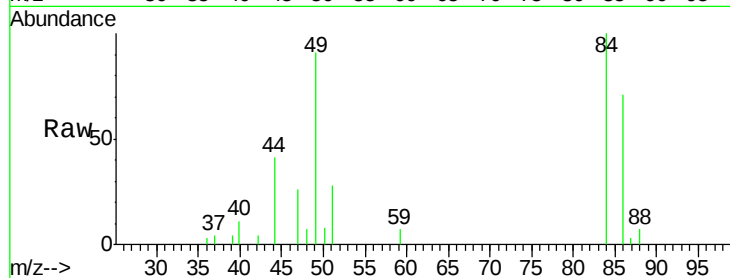
51 28.5 21.8 32.8

86 71.1 52.6 78.8

Manual Integrations
APPROVED

MMDadoda

10/14/2020 2:11:54 PM

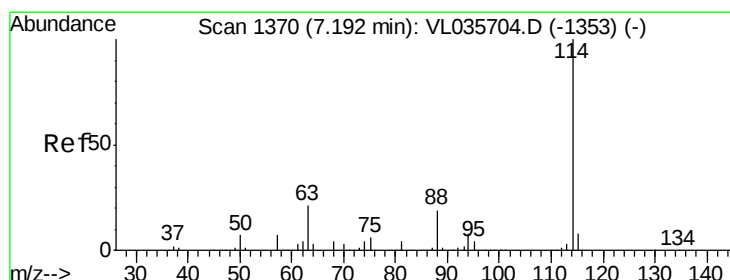
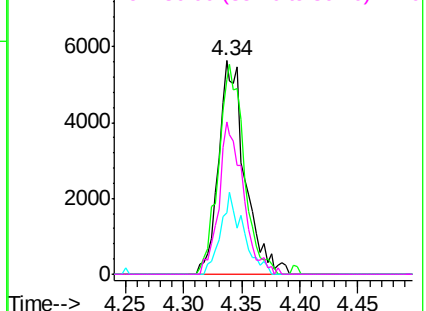


Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. -0.02 min

Lab File: VL035771.D

Acq: 12 Oct 2020 21:10

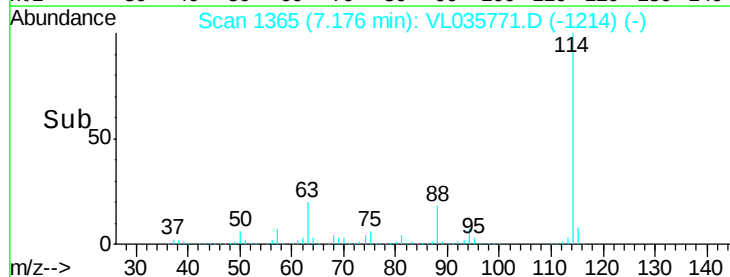
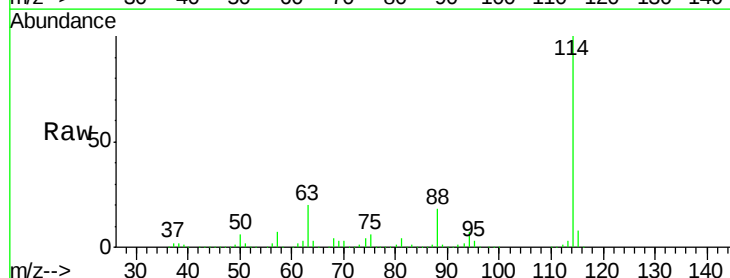
Tgt Ion: 114 Resp: 4598453

Ion Ratio Lower Upper

114 100

63 18.7 16.1 24.1

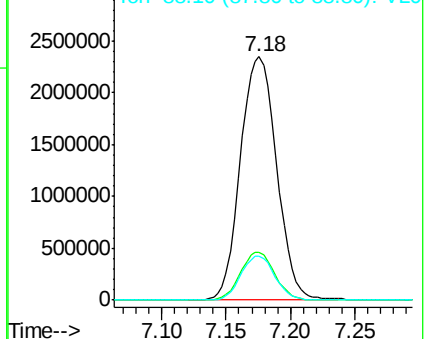
88 17.2 14.1 21.1

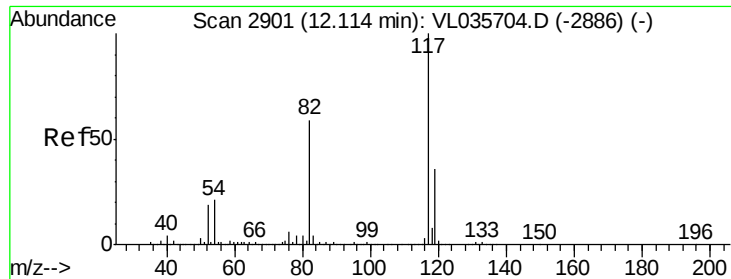


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





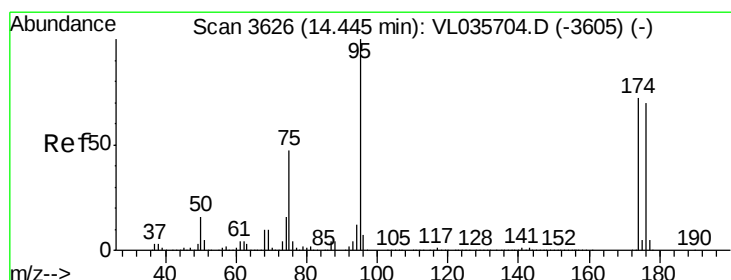
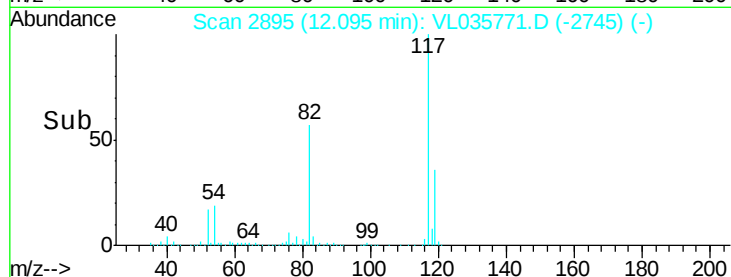
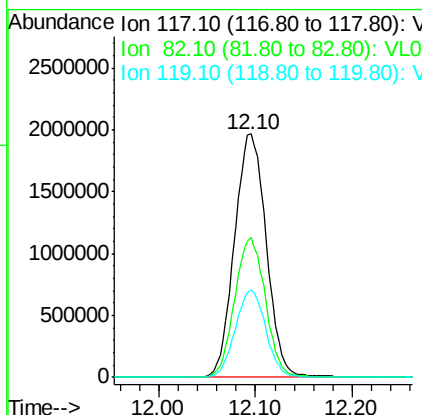
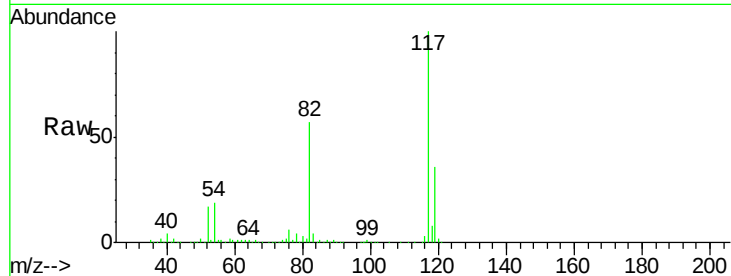
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. -0.02 min
Lab File: VL035771.D
Acq: 12 Oct 2020 21:10

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion:117 Resp: 4493510
Ion Ratio Lower Upper
117 100
82 55.9 46.1 69.1
119 34.4 28.0 42.0

Manual Integrations
APPROVED

MMDadoda
10/14/2020 2:11:54 PM



#68
1-Bromo-4-Fluorobenzene
Concen: 9.653 ppbv
RT: 14.43 min Scan# 3621
Delta R.T. -0.02 min
Lab File: VL035771.D
Acq: 12 Oct 2020 21:10

Tgt Ion: 95 Resp: 3250380
Ion Ratio Lower Upper
95 100
174 76.7 59.6 89.4
175 5.5 4.2 6.4

