

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072120\
 Data File : VL035210.D
 Acq On : 21 Jul 2020 11:45
 Operator : SY/AP
 Sample : VL0721ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0721ABL01

Manual Integrations
 APPROVED

MMDadoda
 7/23/2020 2:59:23 PM

Quant Time: Jul 22 01:04:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070820AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Jul 08
 QLast Update : Wed Jul 08 07:05:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1101058	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2669681	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2527410	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2061232	10.04	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.83	43	48965m	0.328	ppbv	
20) Methylene Chloride	4.31	84	25028	0.386	ppbv	93

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

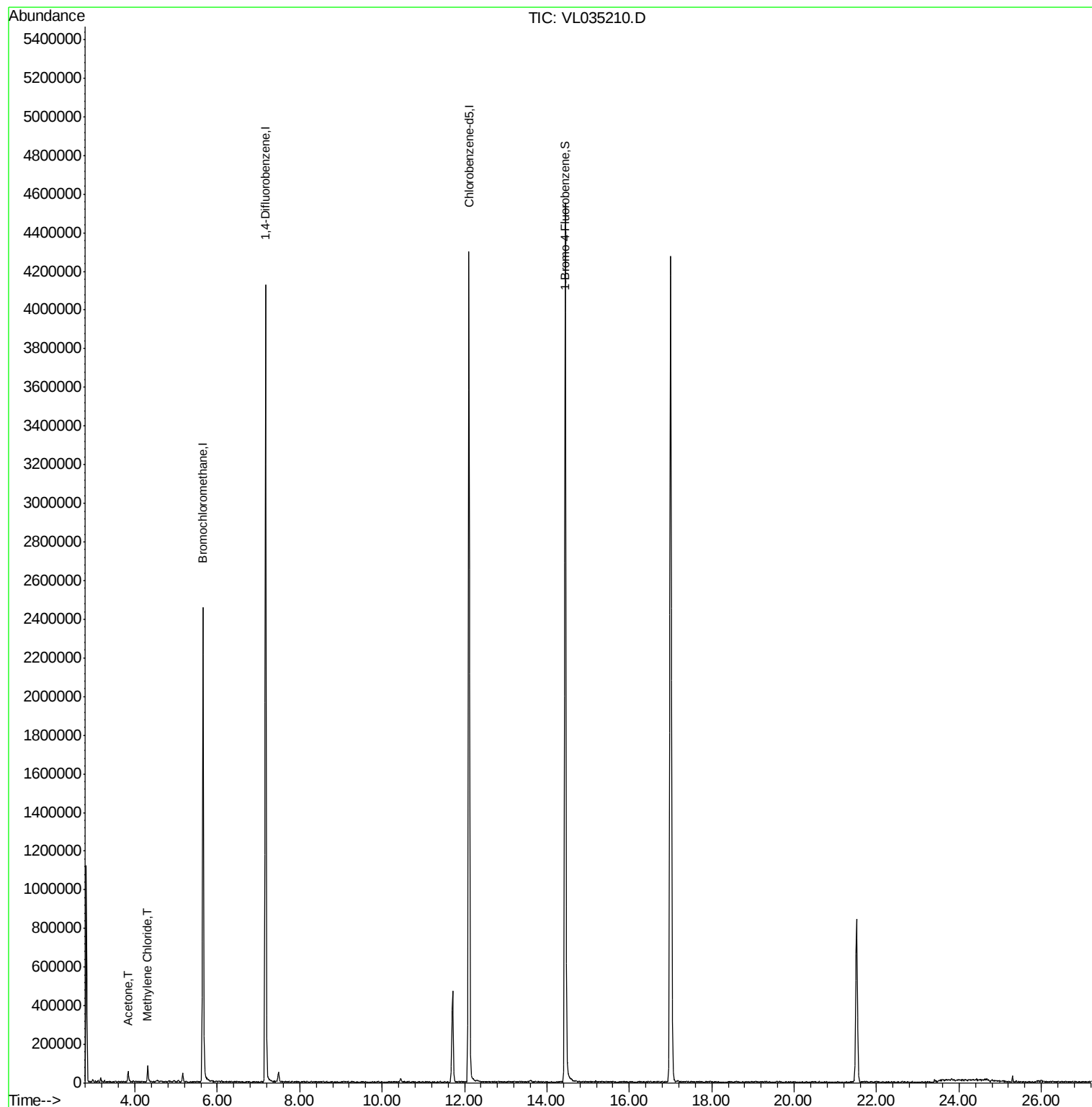
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL072120\
Data File : VL035210.D
Acq On : 21 Jul 2020 11:45
Operator : SY/AP
Sample : VL0721ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

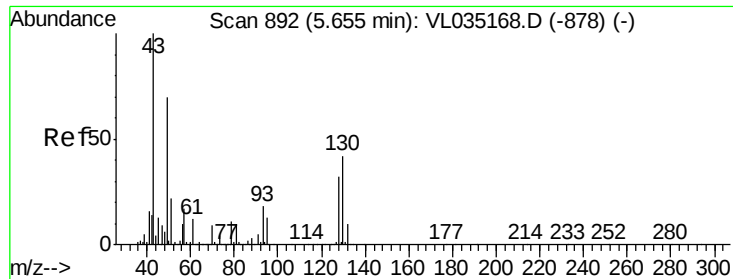
Instrument :
MSVOA_L
ClientSampleId :
VL0721ABL01

Manual Integrations
APPROVED

MMDadoda
7/23/2020 2:59:23 PM

Quant Time: Jul 22 01:04:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL070820AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul
QLast Update : Wed Jul 08 07:05:23 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.01 min

Lab File: VL035210.D

Acq: 21 Jul 2020 11:45

Instrument :

MSVOA_L

ClientSampleId :

VL0721ABL01

Tot Ion: 49 Resp: 1101058

Ion Ratio Lower Upper

49 100

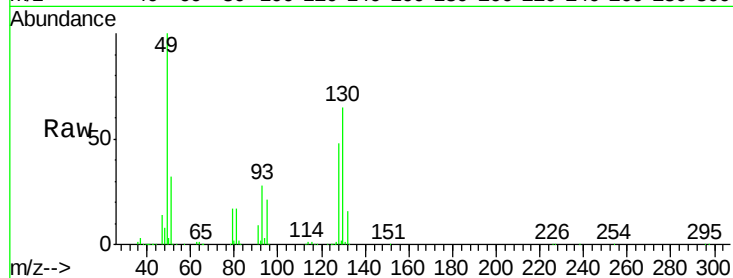
128 49.4 23.8 71.4

130 63.7 29.9 89.8

Manual Integrations
APPROVED

MMDadoda

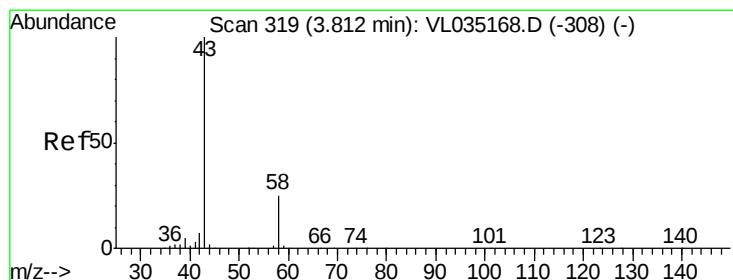
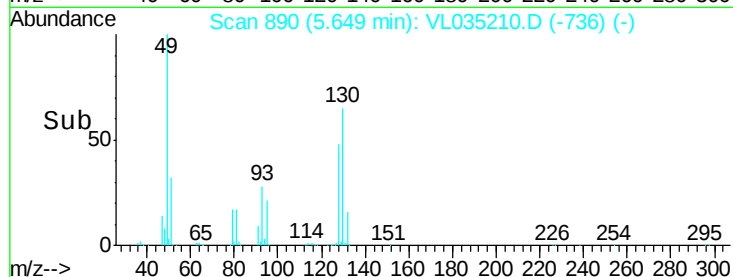
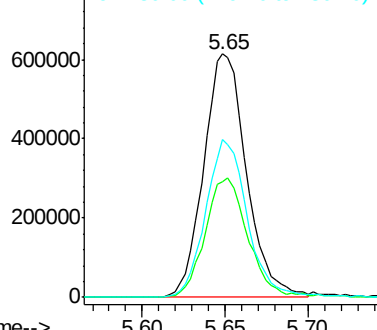
7/23/2020 2:59:23 PM



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: 0.328 ppbv m

RT: 3.83 min Scan# 325

Delta R.T. 0.02 min

Lab File: VL035210.D

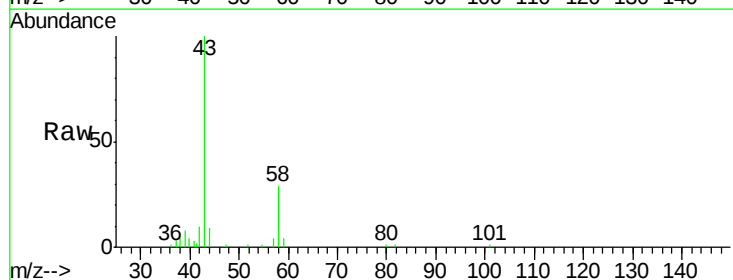
Acq: 21 Jul 2020 11:45

Tgt Ion: 43 Resp: 48965

Ion Ratio Lower Upper

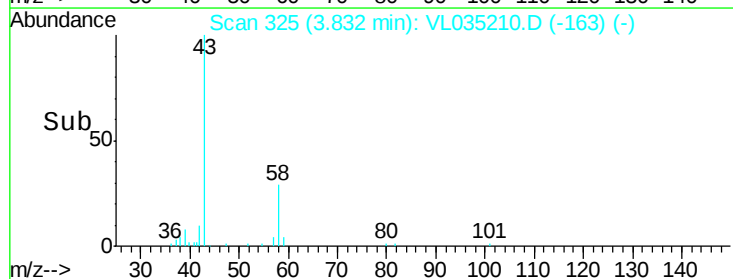
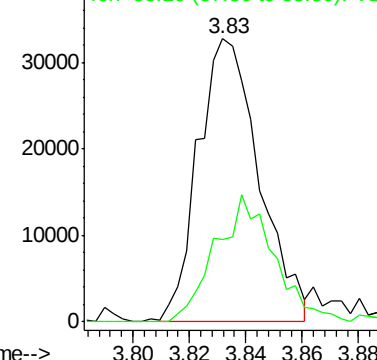
43 100

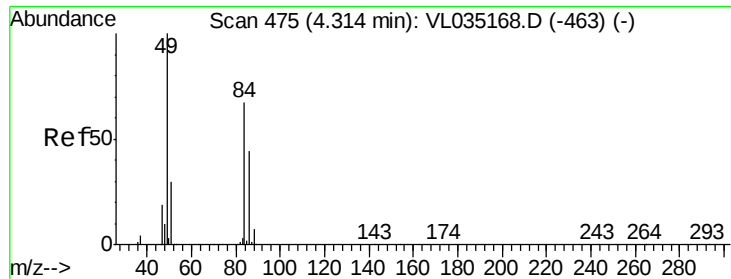
58 0.0 21.3 31.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





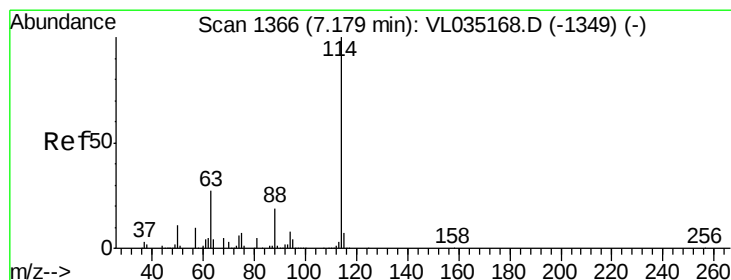
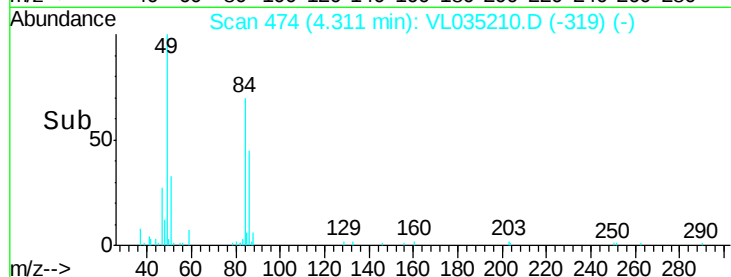
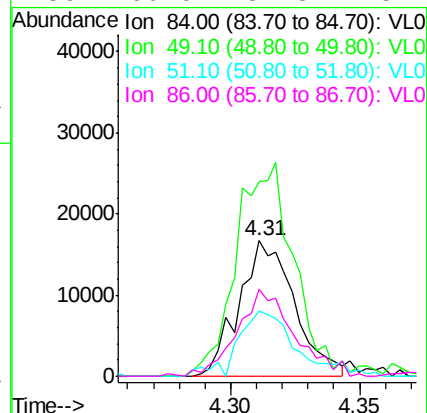
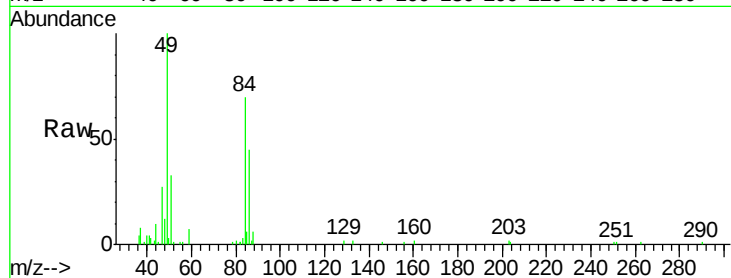
#20
Methvlene Chloride
Concen: 0.386 ppbv
RT: 4.31 min Scan# 474
Delta R.T. -0.00 min
Lab File: VL035210.D
Acq: 21 Jul 2020 11:45

Instrument :
MSVOA_L
ClientSampleId :
VL0721ABL01

Tot Ion	84	Resp	25028
Ion	Ratio	Lower	Upper
84	100		
49	139.4	119.4	179.0
51	42.9	36.6	55.0
86	60.0	52.5	78.7

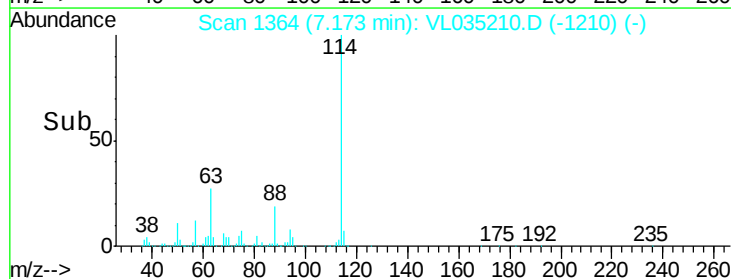
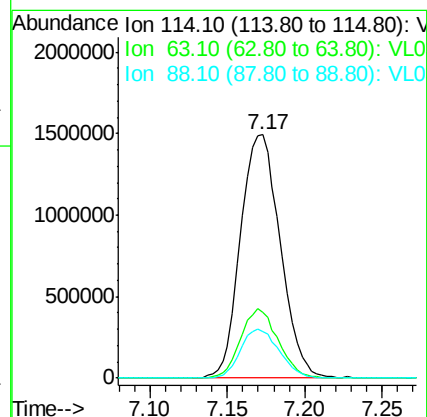
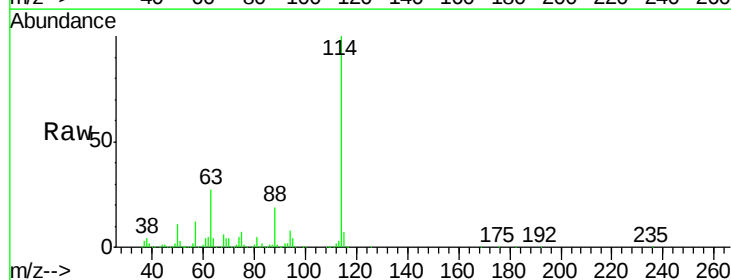
Manual Integrations
APPROVED

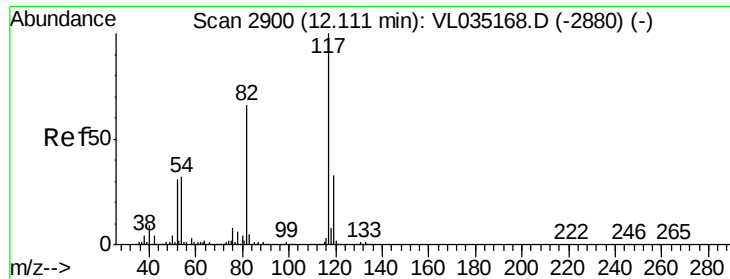
MMDadoda
7/23/2020 2:59:23 PM



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL035210.D
Acq: 21 Jul 2020 11:45

Tgt Ion	114	Resp	2669681
Ion	Ratio	Lower	Upper
114	100		
63	27.2	22.0	33.0
88	19.7	15.4	23.0





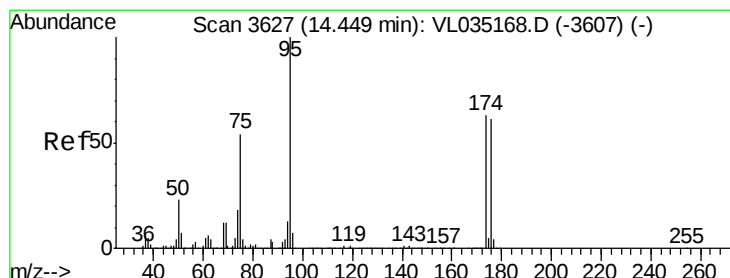
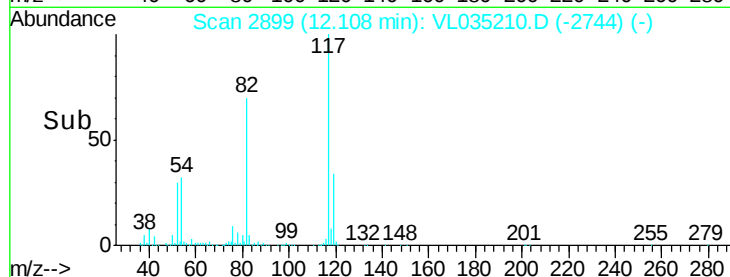
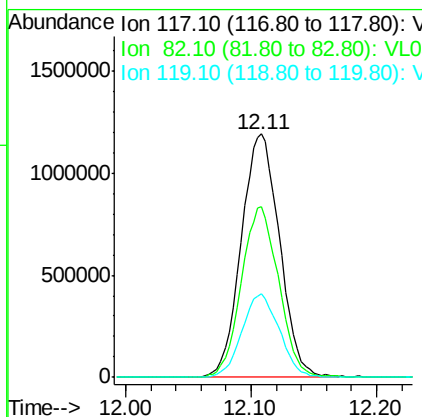
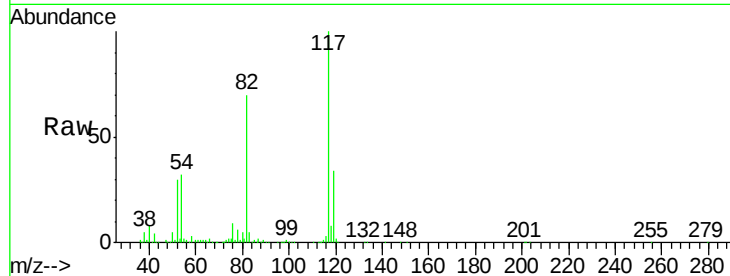
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VL035210.D
Acq: 21 Jul 2020 11:45

Instrument :
MSVOA_L
ClientSampleId :
VL0721ABL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	68.8	52.3	78.5
119	33.5	24.9	37.3

Manual Integrations
APPROVED

MMDadoda
7/23/2020 2:59:23 PM



#68
1-Bromo-4-Fluorobenzene
Concen: 10.039 ppbv
RT: 14.45 min Scan# 3626
Delta R.T. -0.00 min
Lab File: VL035210.D
Acq: 21 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
95	100		
174	64.9	52.2	78.2
175	4.7	4.0	6.0

