

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031620\
 Data File : VL034911.D
 Acq On : 17 Mar 2020 4:32
 Operator : SY/AP
 Sample : L1924-08DL2 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 FD-01DL2

Manual Integrations
 APPROVED

MMDadoda
 3/17/2020 12:16:28 PM

Quant Time: Mar 17 07:25:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 09 16:42:53 2020
 QLast Update : Mon Mar 09 16:42:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	810509	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	1768361	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	1714673	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	1402479	10.49	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.90%
Target Compounds						
13) Ethanol	3.59	45	20401m	1.552	ppbv	Ovalue
15) Acetone	3.83	43	70665	0.673	ppbv	95

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

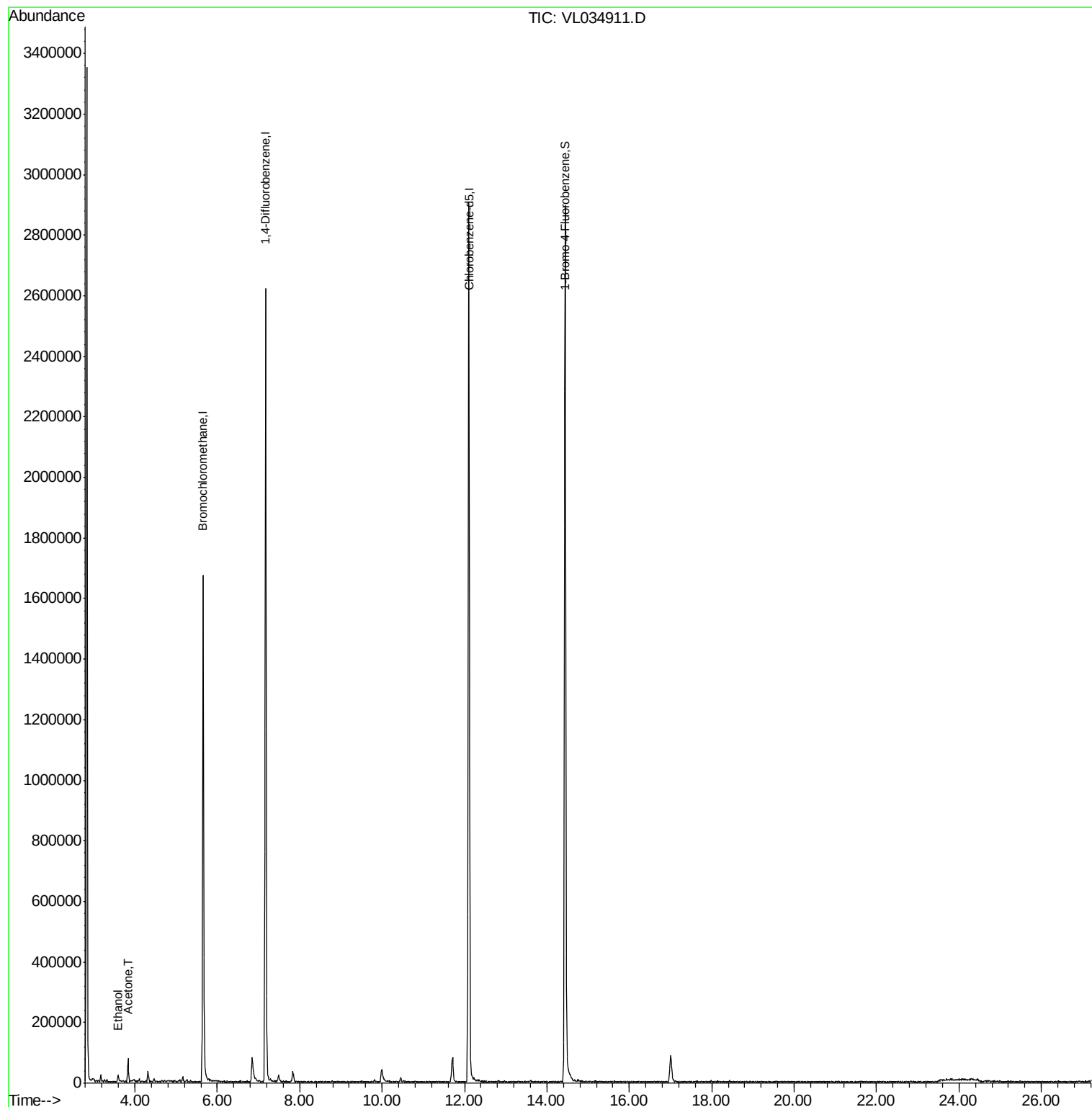
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL031620\
Data File : VL034911.D
Acq On : 17 Mar 2020 4:32
Operator : SY/AP
Sample : L1924-08DL2 40X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

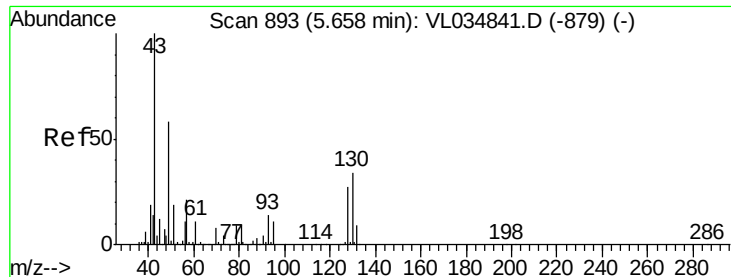
Instrument :
MSVOA_L
ClientSampleId :
FD-01DL2

Manual Integrations
APPROVED

MMDadoda
3/17/2020 12:16:28 PM

Quant Time: Mar 17 07:25:33 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.01 min

Lab File: VL034911.D

Acq: 17 Mar 2020 4:32

Instrument :

MSVOA_L

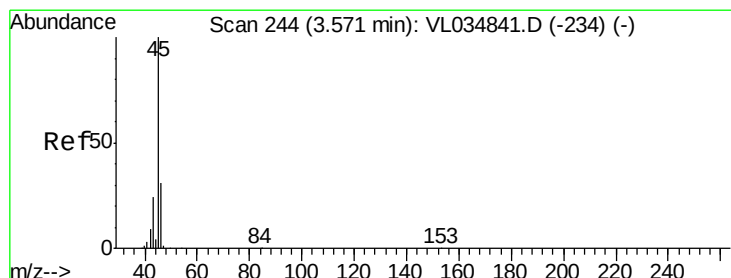
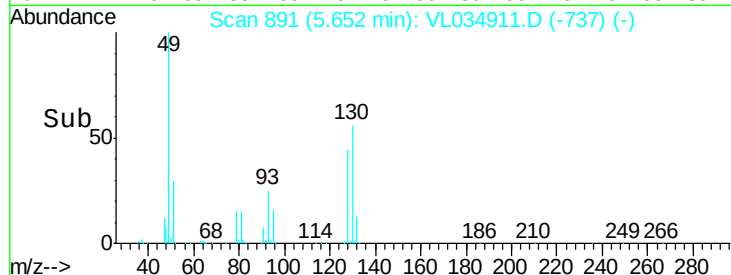
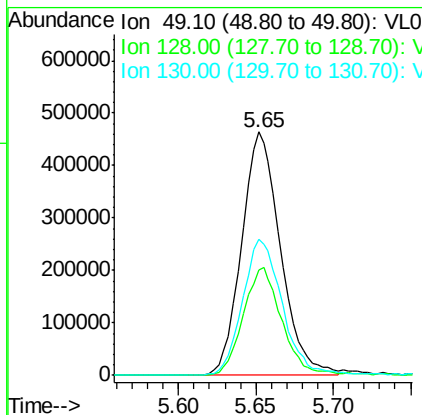
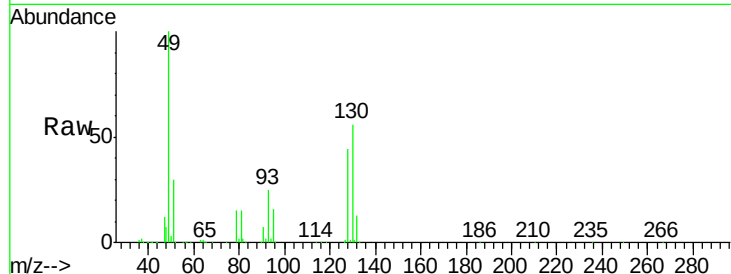
ClientSampleId :

FD-01DL2

Tot Ion:	49	Resp:	810509
Ion	Ratio	Lower	Upper
49	100		
128	44.9	23.4	70.3
130	58.0	30.0	90.0

Manual Integrations
APPROVED

MMDadoda
3/17/2020 12:16:28 PM



#13

Ethanol

Concen: 1.552 ppbv m

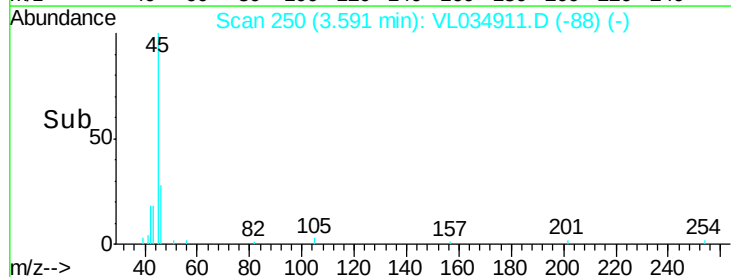
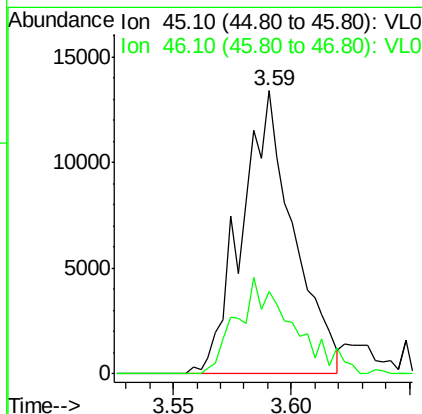
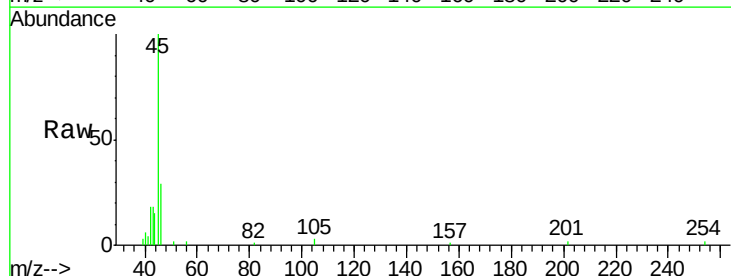
RT: 3.59 min Scan# 250

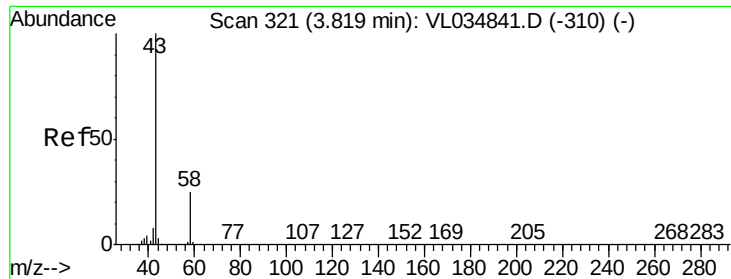
Delta R.T. 0.02 min

Lab File: VL034911.D

Acq: 17 Mar 2020 4:32

Tgt Ion:	45	Resp:	20401
Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.0	64.0#





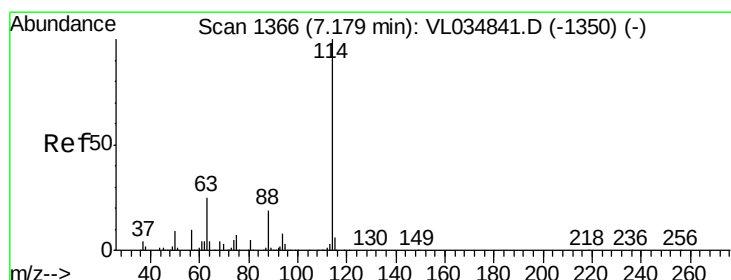
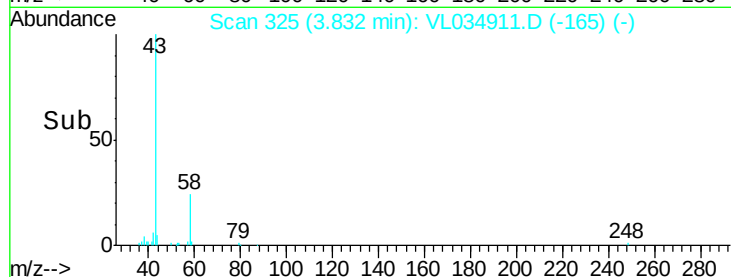
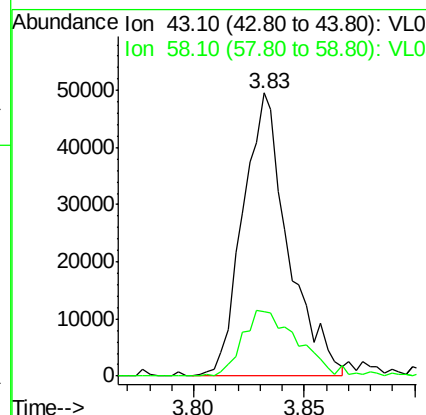
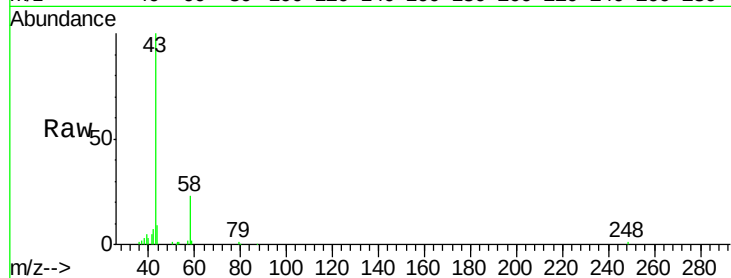
#15
Acetone
Concen: 0.673 ppbv
RT: 3.83 min Scan# 325
Delta R.T. 0.01 min
Lab File: VL034911.D
Acq: 17 Mar 2020 4:32

Instrument :
MSVOA_L
ClientSampleId :
FD-01DL2

Tot Ion	Ratio	Lower	Upper
43	100		
58	29.0	21.0	31.6

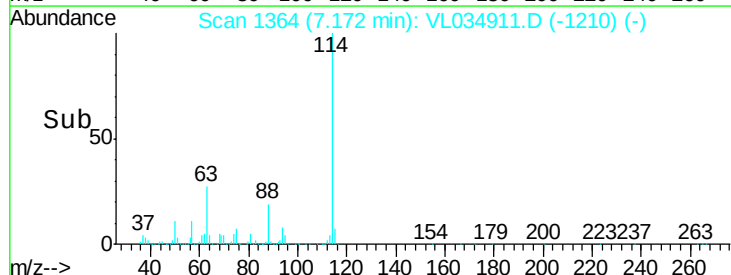
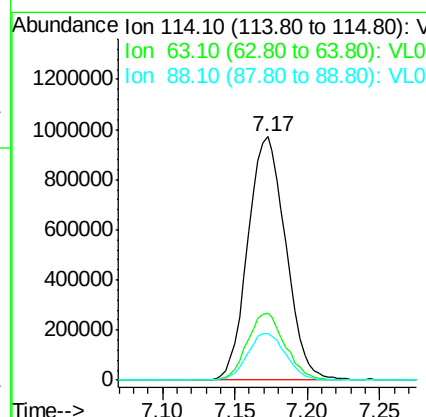
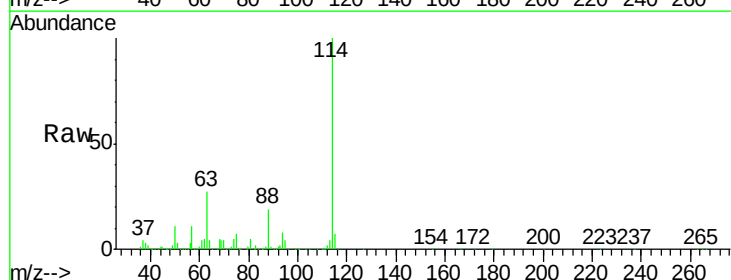
Manual Integrations
APPROVED

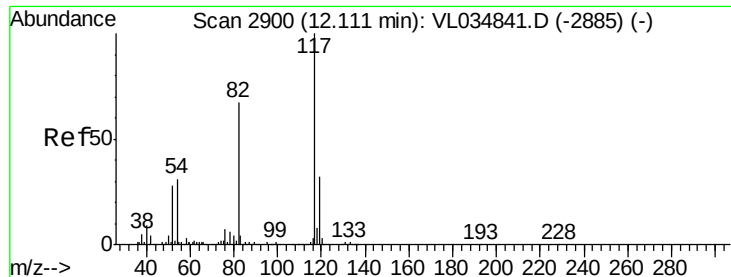
MMDadoda
3/17/2020 12:16:28 PM



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL034911.D
Acq: 17 Mar 2020 4:32

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.5	20.6	31.0
88	19.5	15.0	22.6





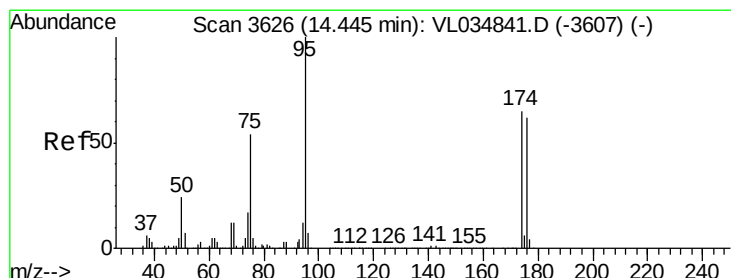
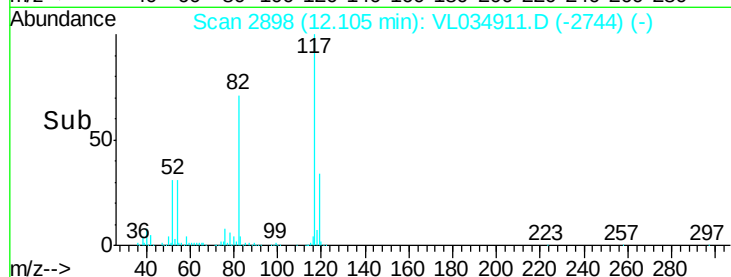
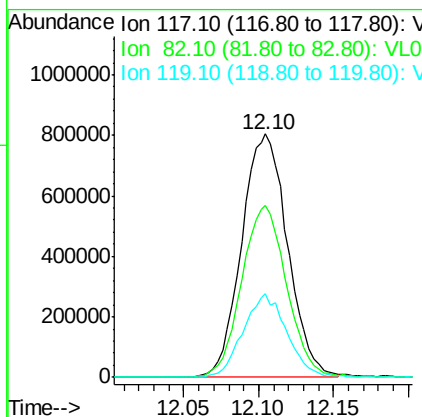
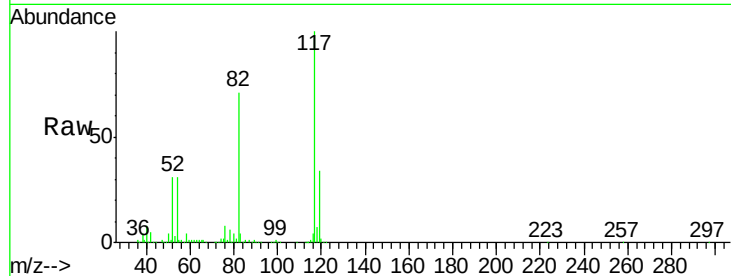
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL034911.D
Acq: 17 Mar 2020 4:32

Instrument :
MSVOA_L
ClientSampleId :
FD-01DL2

Tot Ion:117 Resp: 1714673
Ion Ratio Lower Upper
117 100
82 69.8 51.1 76.7
119 32.8 27.3 40.9

Manual Integrations
APPROVED

MMDadoda
3/17/2020 12:16:28 PM



#68
1-Bromo-4-Fluorobenzene
Concen: 10.488 ppbv
RT: 14.44 min Scan# 3624
Delta R.T. -0.01 min
Lab File: VL034911.D
Acq: 17 Mar 2020 4:32

Tgt Ion: 95 Resp: 1402479
Ion Ratio Lower Upper
95 100
174 63.2 55.2 82.8
175 4.5 4.3 6.5

