

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL020420\
 Data File : VL034598.D
 Acq On : 5 Feb 2020 3:05
 Operator : SY/AP
 Sample : L1391-01DL2 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1DL2

Manual Integrations
 APPROVED

MMDadoda
 2/5/2020 2:51:27 PM

Quant Time: Feb 05 08:14:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 30 2020
 QLast Update : Thu Jan 30 17:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	965103	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1948375	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	1966839	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	1702545	10.24	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%
Target Compounds						
9) Propene	2.98	41	7864m	0.173	ppbv	Ovalue
15) Acetone	3.84	43	41054	0.289	ppbv #	87

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

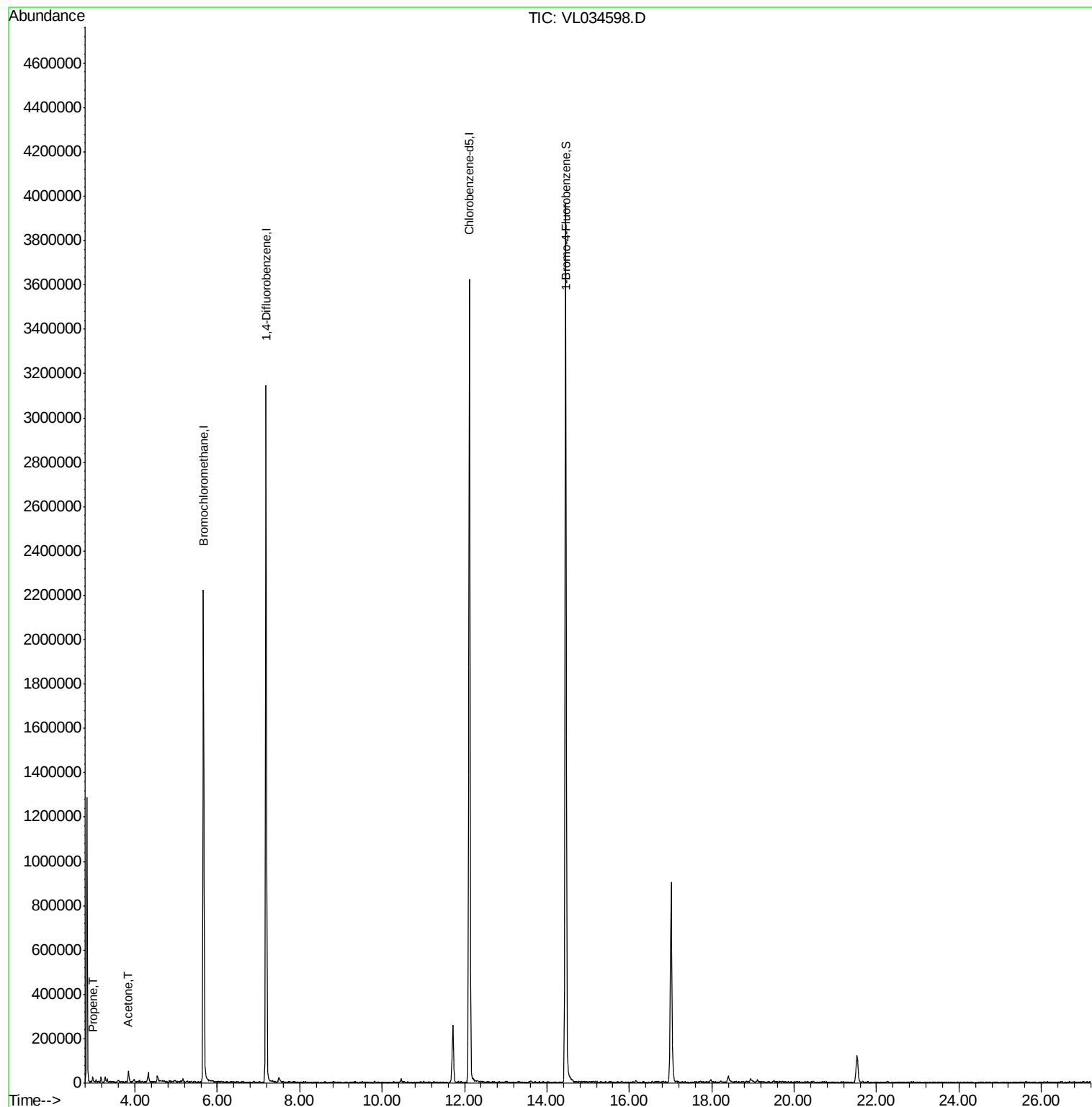
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL020420\
Data File : VL034598.D
Acq On : 5 Feb 2020 3:05
Operator : SY/AP
Sample : L1391-01DL2 40X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

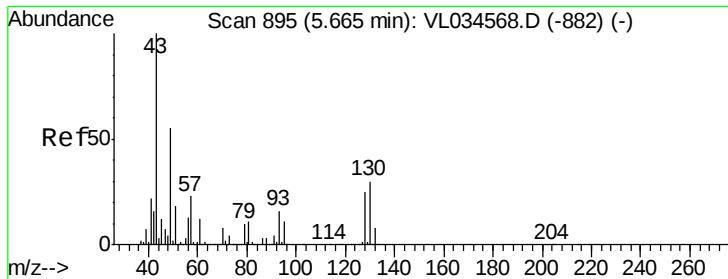
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL2

Manual Integrations
APPROVED

MMDadoda
2/5/2020 2:51:27 PM

Quant Time: Feb 05 08:14:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.00 min

Lab File: VL034598.D

Acq: 5 Feb 2020 3:05

Instrument :

MSVOA_L

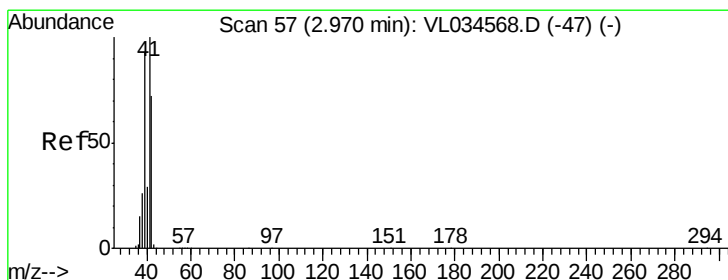
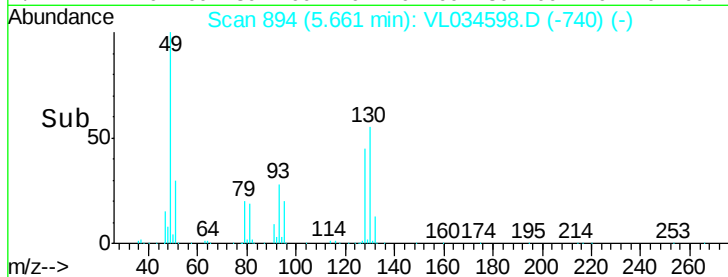
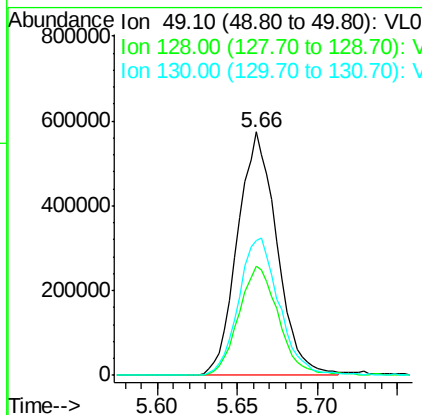
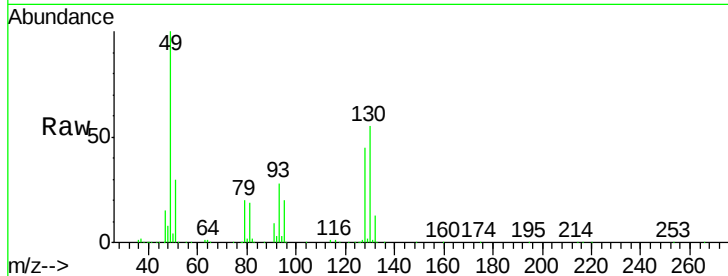
ClientSampleId :

SV-1DL2

Tot Ion:	49	Resp:	965103
Ion	Ratio	Lower	Upper
49	100		
128	45.6	22.7	68.1
130	58.4	28.6	85.8

Manual Integrations
APPROVED

MMDadoda
2/5/2020 2:51:27 PM



#9

Propene

Concen: 0.173 ppbv m

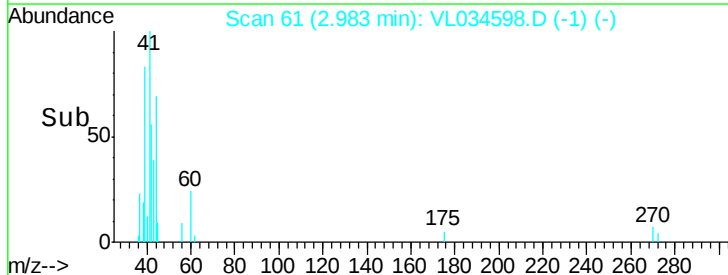
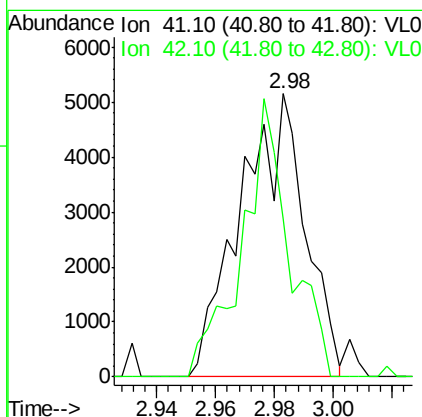
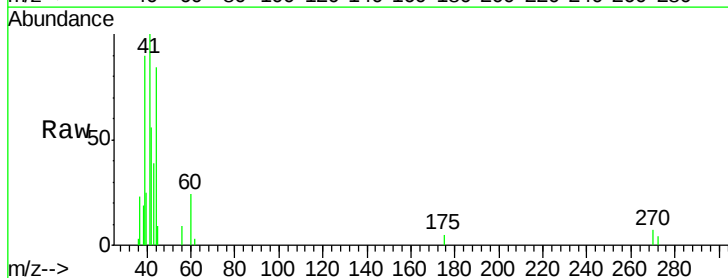
RT: 2.98 min Scan# 61

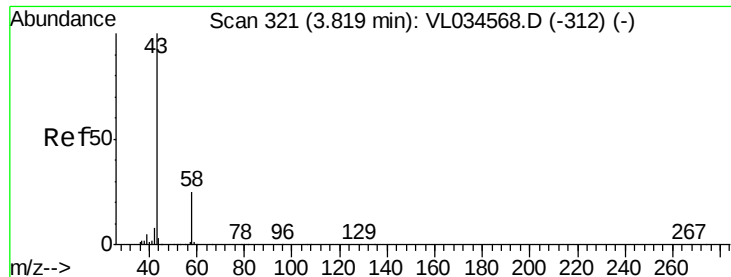
Delta R.T. 0.01 min

Lab File: VL034598.D

Acq: 5 Feb 2020 3:05

Tgt Ion:	41	Resp:	7864
Ion	Ratio	Lower	Upper
41	100		
42	71.6	57.0	85.4





#15

Acetone

Concen: 0.289 ppbv

RT: 3.84 min Scan# 329

Delta R.T. 0.03 min

Lab File: VL034598.D

Acq: 5 Feb 2020 3:05

Instrument :

MSVOA_L

ClientSampleId :

SV-1DL2

Tot Ion: 43 Resp: 41054

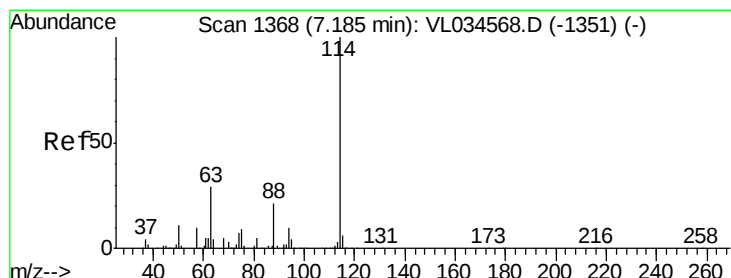
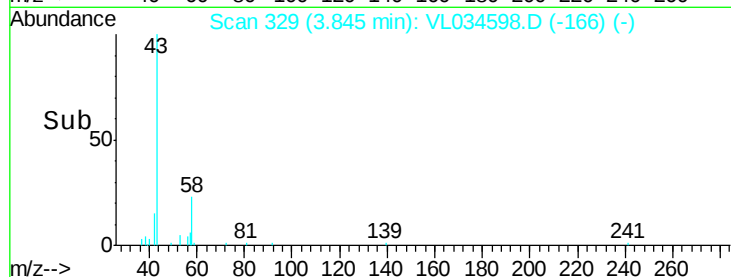
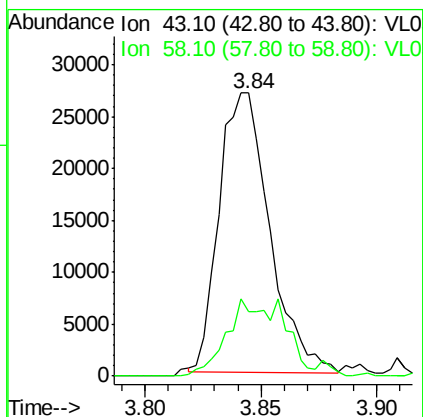
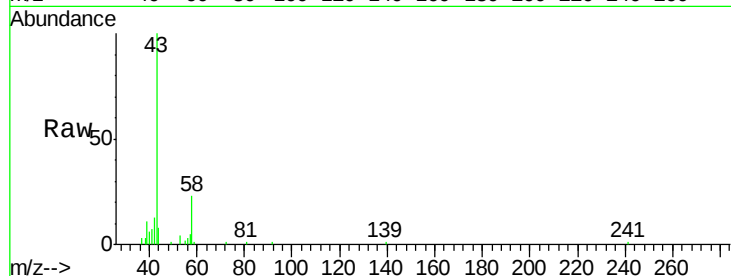
Ion Ratio Lower Upper

43 100

58 32.2 20.3 30.5#

Manual Integrations
APPROVED

MMDadoda
2/5/2020 2:51:27 PM



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VL034598.D

Acq: 5 Feb 2020 3:05

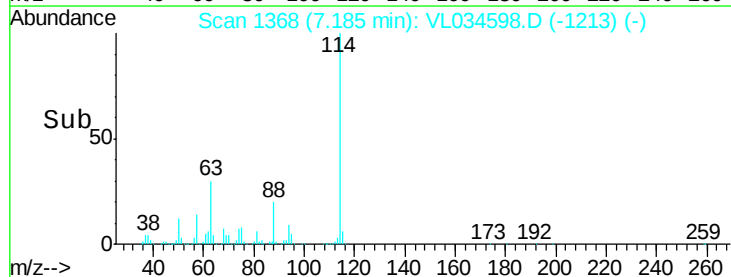
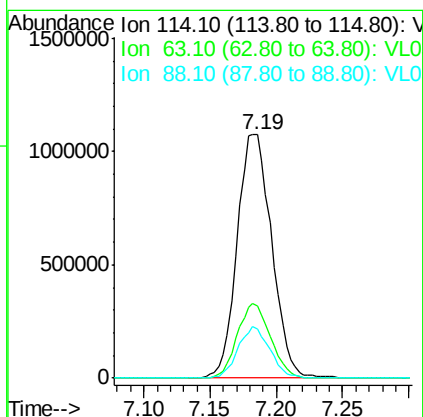
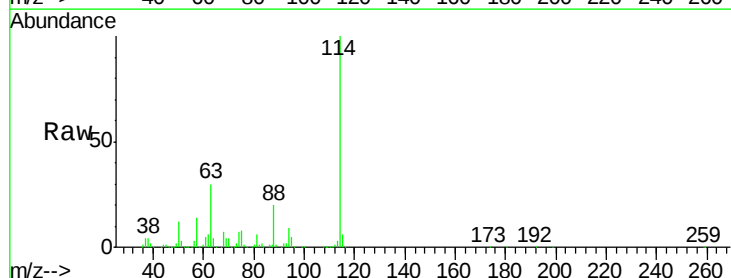
Tgt Ion: 114 Resp: 1948375

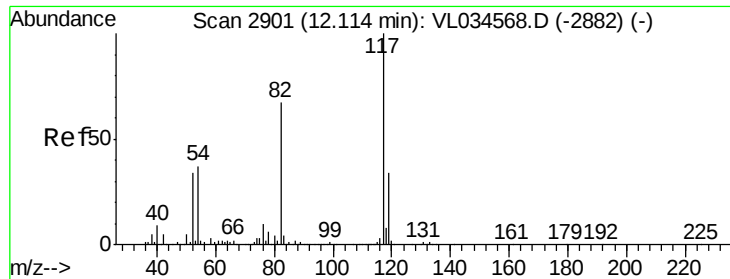
Ion Ratio Lower Upper

114 100

63 29.7 24.1 36.1

88 19.5 15.9 23.9





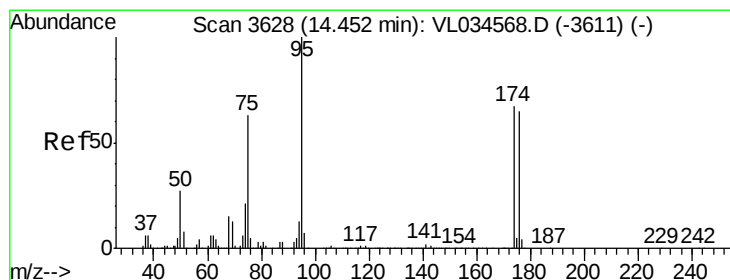
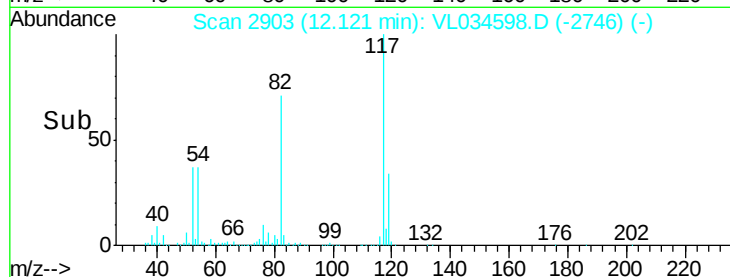
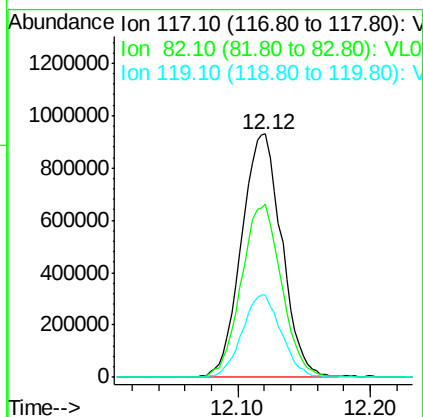
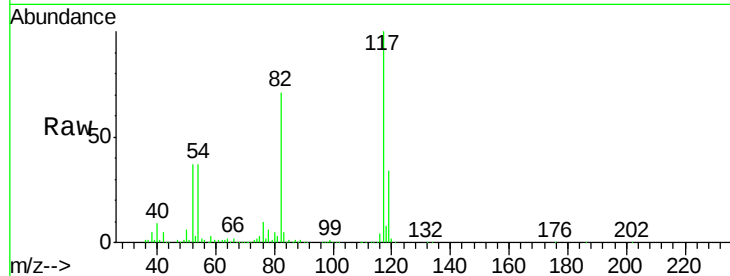
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.01 min
Lab File: VL034598.D
Acq: 5 Feb 2020 3:05

Instrument :
MSVOA_L
ClientSampleId :
SV-1DL2

Tot Ion: 117 Resp: 1966839
Ion Ratio Lower Upper
117 100
82 71.1 54.2 81.4
119 33.2 26.1 39.1

Manual Integrations
APPROVED

MMDadoda
2/5/2020 2:51:27 PM



#68
1-Bromo-4-Fluorobenzene
Concen: 10.242 ppbv
RT: 14.45 min Scan# 3628
Delta R.T. -0.00 min
Lab File: VL034598.D
Acq: 5 Feb 2020 3:05

Tgt Ion: 95 Resp: 1702545
Ion Ratio Lower Upper
95 100
174 63.1 52.3 78.5
175 4.4 3.8 5.6

