

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL100219\
 Data File : VL034211.D
 Acq On : 2 Oct 2019 15:13
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 10/7/2019 12:29:39 PM

Quant Time: Oct 03 06:59:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 18
 QLast Update : Wed Sep 18 12:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	973344	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.22	114	1776795	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.16	117	1799333	10.00	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.49	95	1556886	9.96	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.86	43	41389	0.317	ppbv	# 83
20) Methylene Chloride	4.35	84	14571m	0.387	ppbv	

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

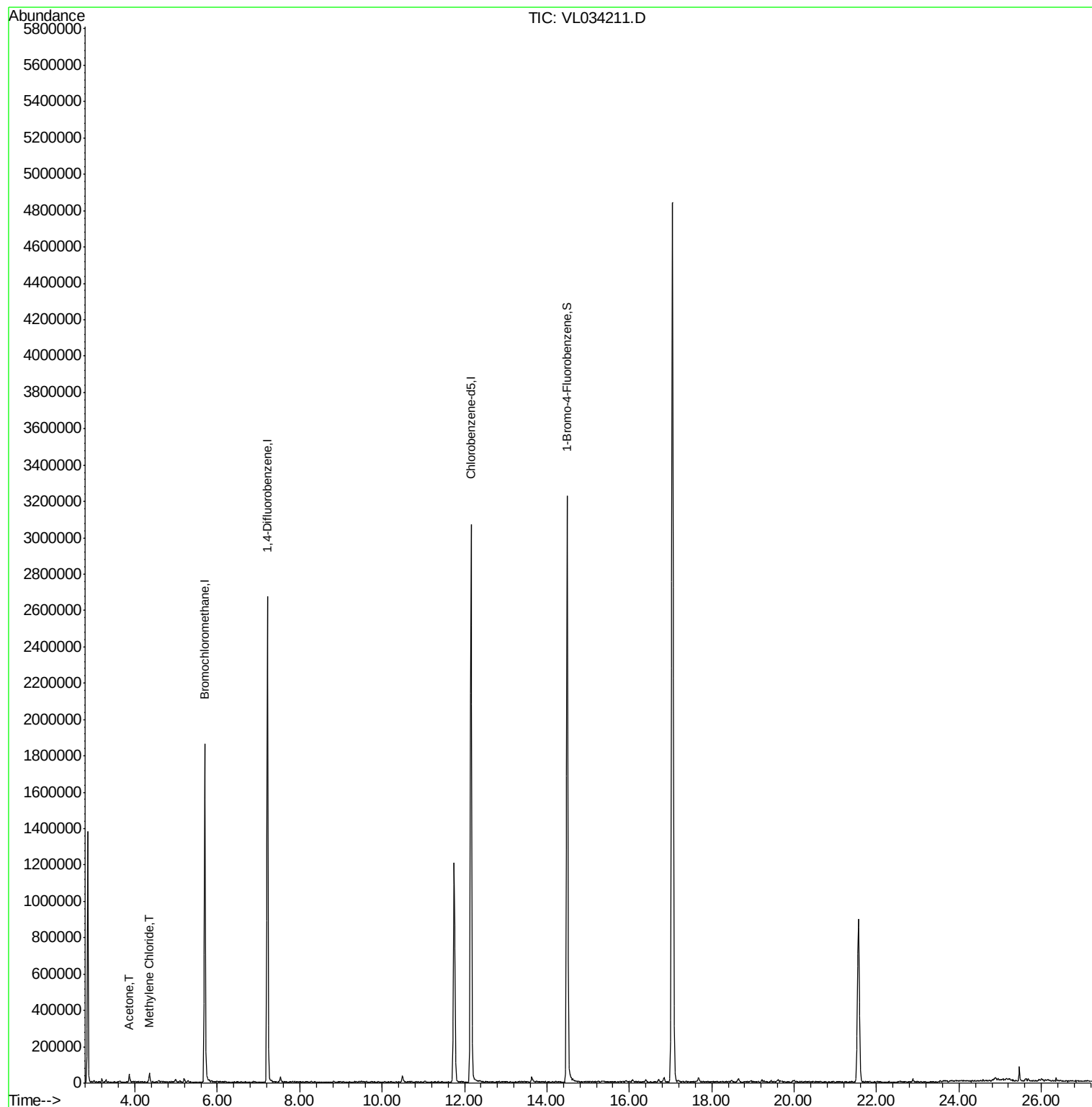
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL100219\
Data File : VL034211.D
Acq On : 2 Oct 2019 15:13
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

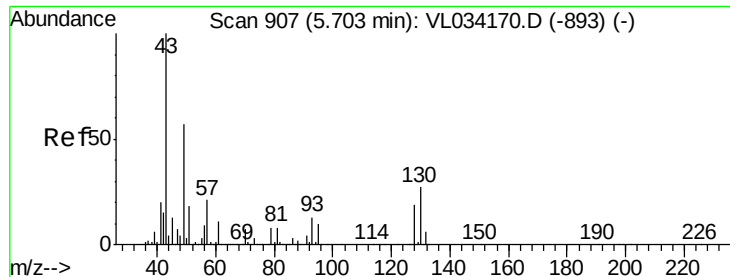
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations
APPROVED

MMDadoda
10/7/2019 12:29:39 PM

Quant Time: Oct 03 06:59:07 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration





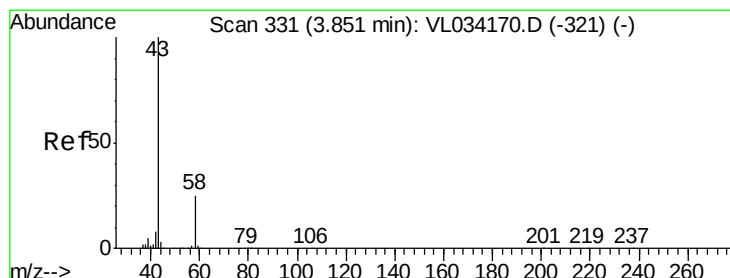
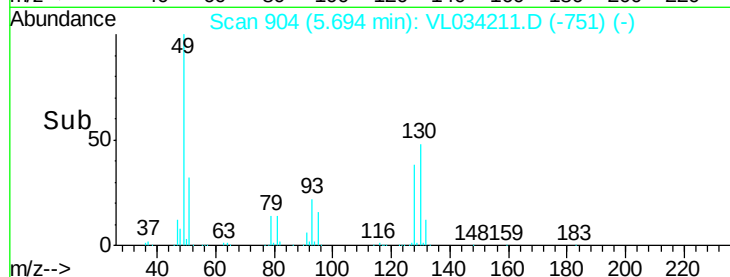
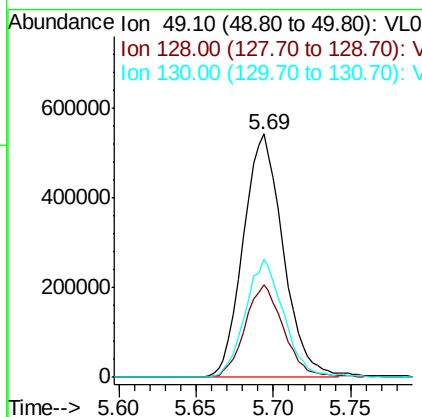
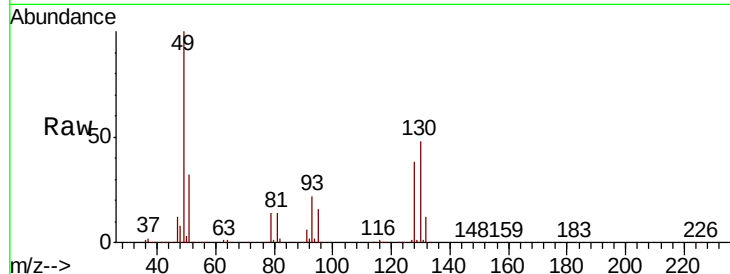
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.69 min Scan# 904
Delta R.T. -0.01 min
Lab File: VL034211.D
Acq: 2 Oct 2019 15:13

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion	Ratio	Lower	Upper
49	100		
128	37.3	17.6	52.9
130	46.9	22.3	66.9

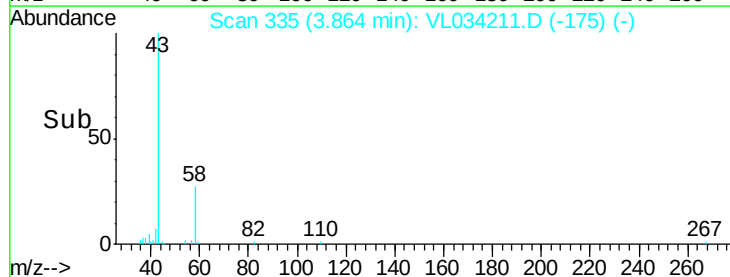
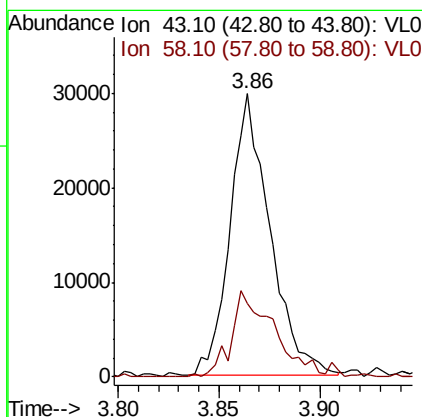
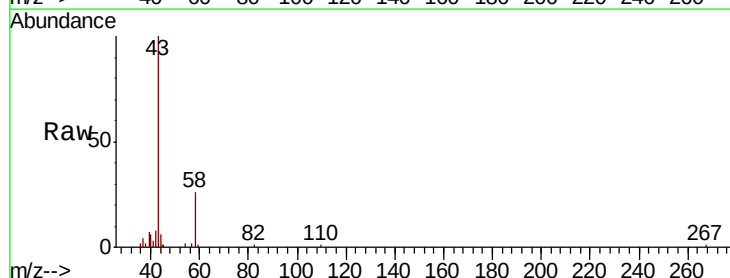
Manual Integrations
APPROVED

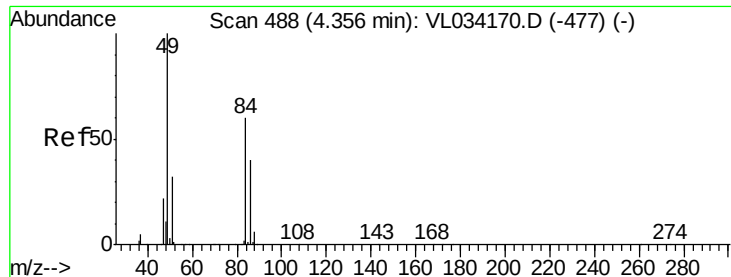
MMDadoda
10/7/2019 12:29:39 PM



#15
Acetone
Concen: 0.317 ppbv
RT: 3.86 min Scan# 335
Delta R.T. 0.01 min
Lab File: VL034211.D
Acq: 2 Oct 2019 15:13

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.3	20.5	30.7#





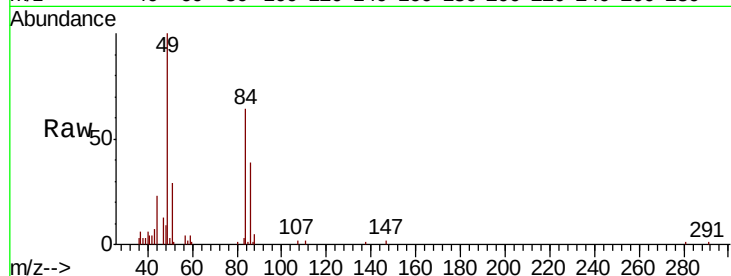
#20
Methvlene Chloride
Concen: 0.387 ppbv
RT: 4.35 min Scan# 487
Delta R.T. -0.00 min
Lab File: VL034211.D
Acq: 2 Oct 2019 15:13

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion:	84	Resp:	14571
Ion	Ratio	Lower	Upper
84	100		
49	157.2	133.8	200.8
51	46.0	43.6	65.4
86	60.7	53.1	79.7

Manual Integrations
APPROVED

MMDadoda
10/7/2019 12:29:39 PM



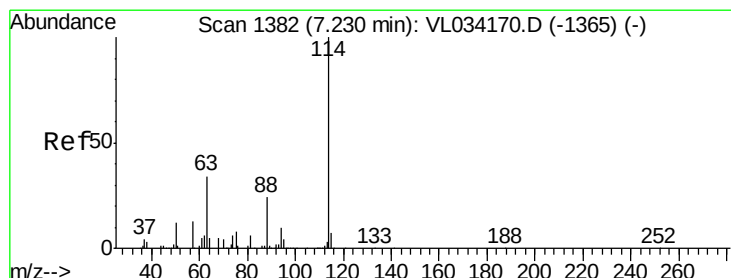
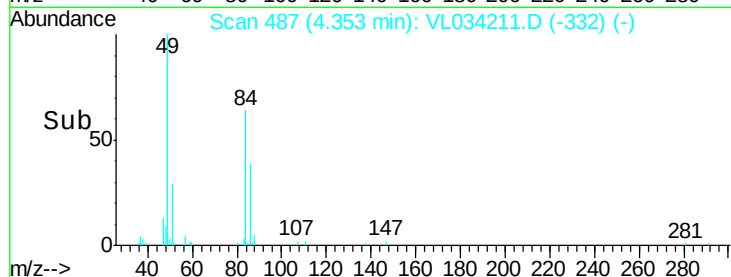
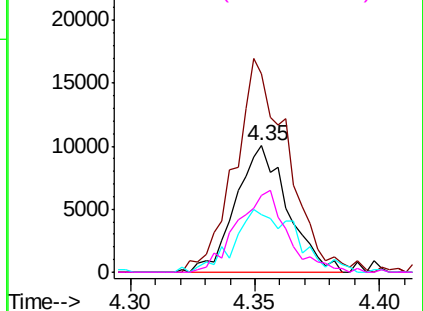
Abundance

Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

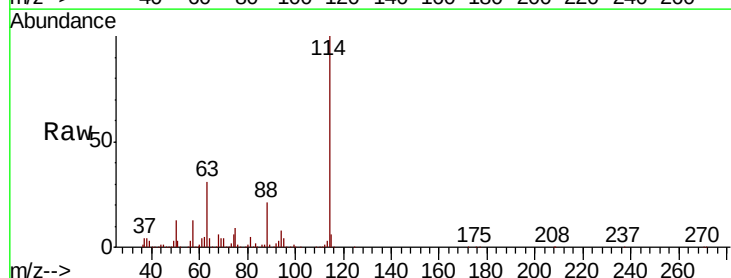
Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.22 min Scan# 1378
Delta R.T. -0.01 min
Lab File: VL034211.D
Acq: 2 Oct 2019 15:13

Tgt Ion:	114	Resp:	1776795
Ion	Ratio	Lower	Upper
114	100		
63	31.1	27.8	41.6
88	20.5	17.1	25.7

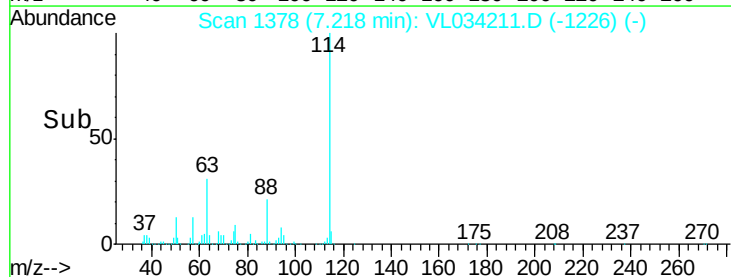
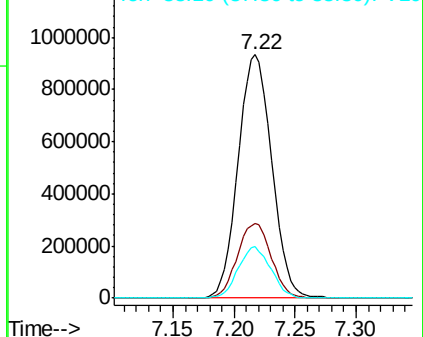


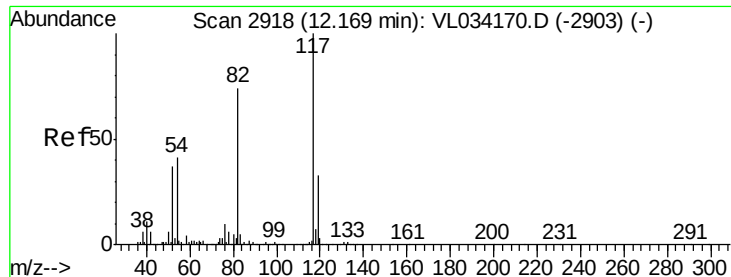
Abundance

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





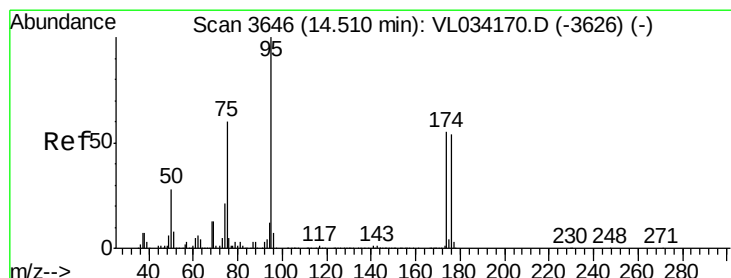
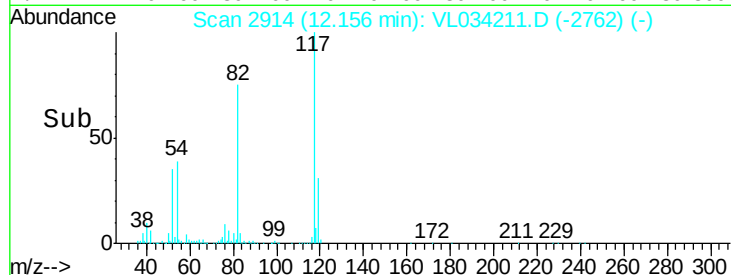
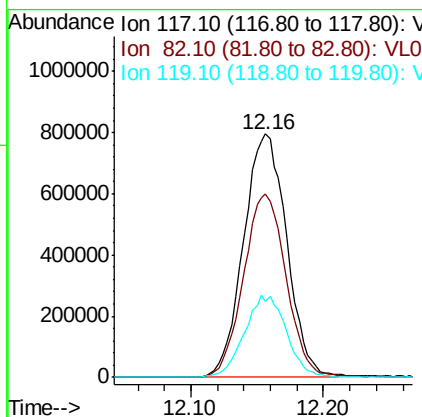
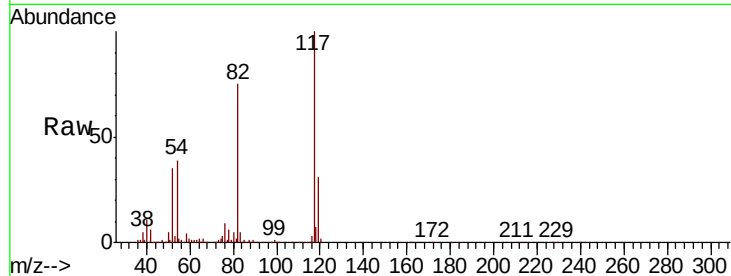
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.16 min Scan# 2914
Delta R.T. -0.01 min
Lab File: VL034211.D
Acq: 2 Oct 2019 15:13

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion:117 Resp: 1799333
Ion Ratio Lower Upper
117 100
82 74.9 58.2 87.4
119 32.8 23.7 35.5

Manual Integrations
APPROVED

MMDadoda
10/7/2019 12:29:39 PM



#68
1-Bromo-4-Fluorobenzene
Concen: 9.958 ppbv
RT: 14.49 min Scan# 3640
Delta R.T. -0.02 min
Lab File: VL034211.D
Acq: 2 Oct 2019 15:13

Tgt Ion: 95 Resp: 1556886
Ion Ratio Lower Upper
95 100
174 60.6 45.1 67.7
175 4.3 3.3 4.9

