

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091420\
 Data File : VL035619.D
 Acq On : 15 Sep 2020 3:57
 Operator : SY/AP
 Sample : L3983-06DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-11DL

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 5:41:08 PM

Quant Time: Sep 15 08:11:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep 14 2020
 QLast Update : Mon Sep 14 15:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	914822	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	3902385	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	3926285	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2880014	10.33	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.30%
Target Compounds						
20) Methylene Chloride	4.33	84	14276	0.190	ppbv	Ovalue 94
52) Tetrachloroethene	11.22	164	6578m	0.045	ppbv	

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

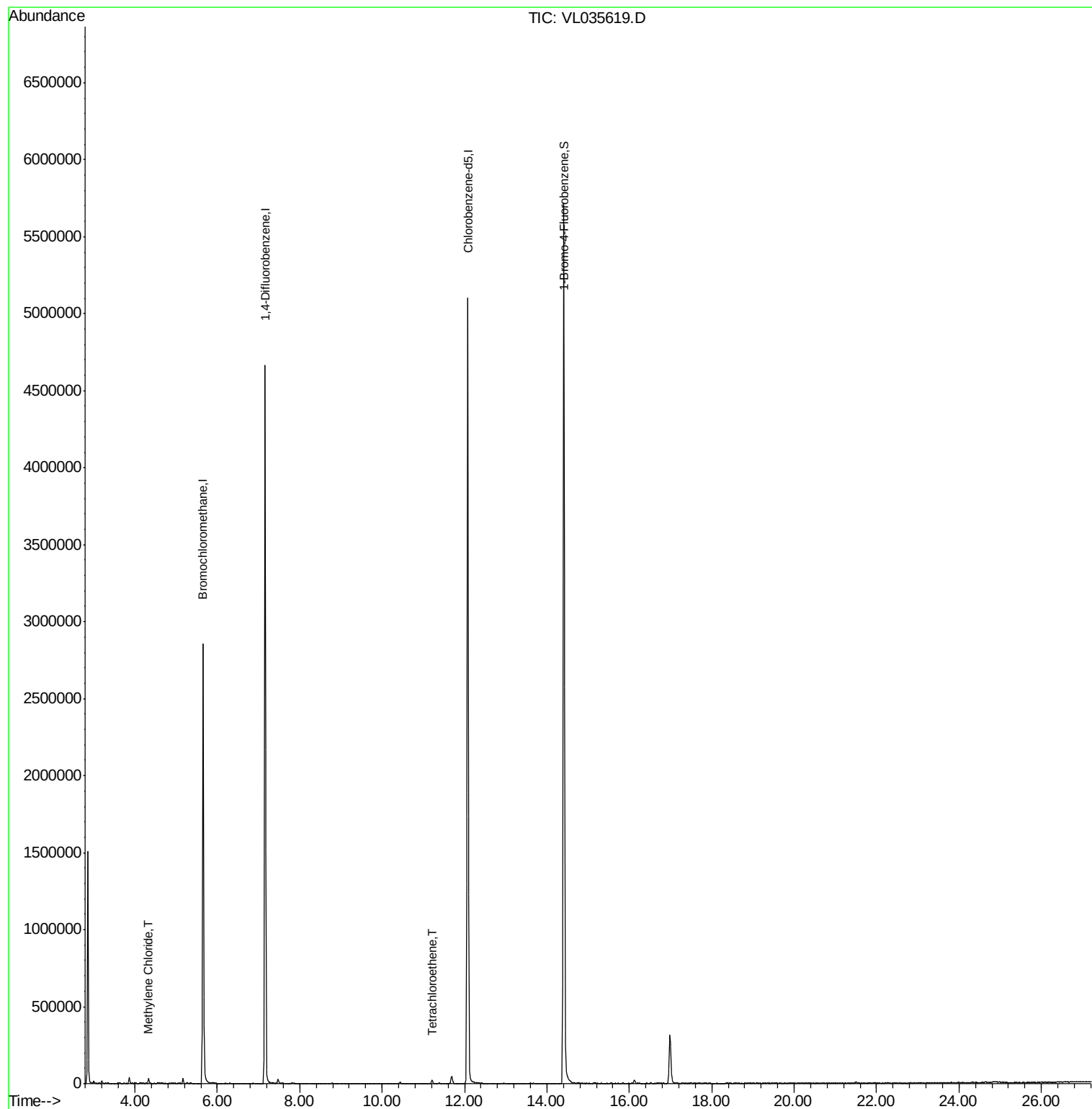
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL091420\
Data File : VL035619.D
Acq On : 15 Sep 2020 3:57
Operator : SY/AP
Sample : L3983-06DL 40X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

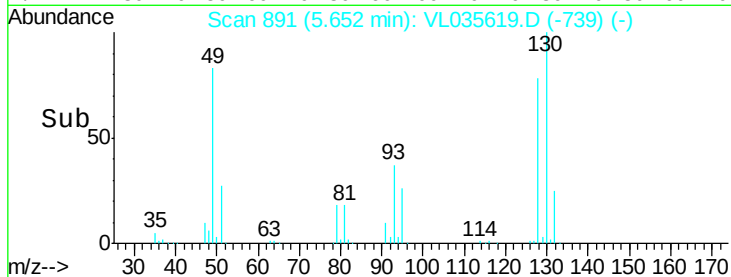
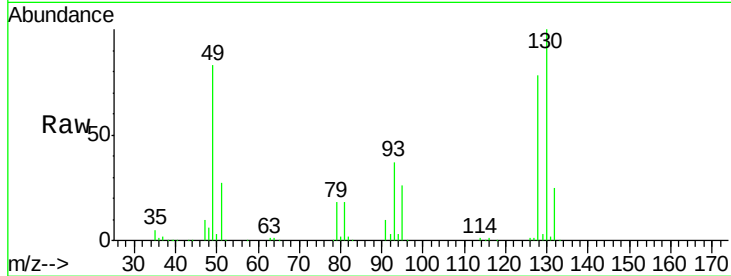
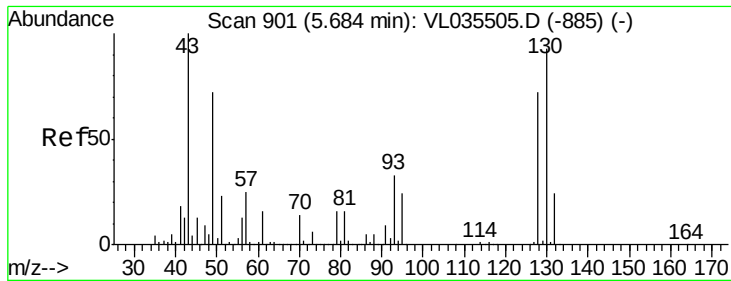
Instrument :
MSVOA_L
ClientSampleId :
SV-11DL

Manual Integrations
APPROVED

MMDadoda
9/17/2020 5:41:08 PM

Quant Time: Sep 15 08:11:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep
QLast Update : Mon Sep 14 15:19:50 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: VL035619.D

Acq: 15 Sep 2020 3:57

Tot Ion:	49	Resp:	914822
Ion Ratio	Lower	Upper	
49	100		
128	95.8	50.0	150.1
130	122.9	64.4	193.2

Instrument :

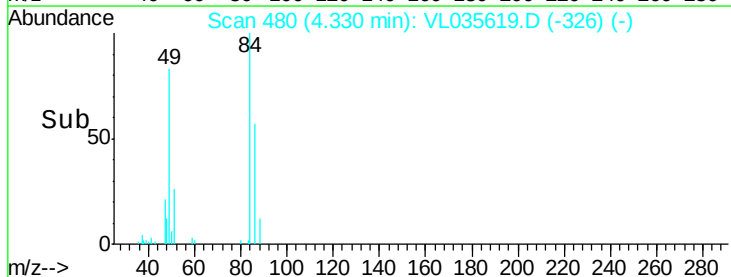
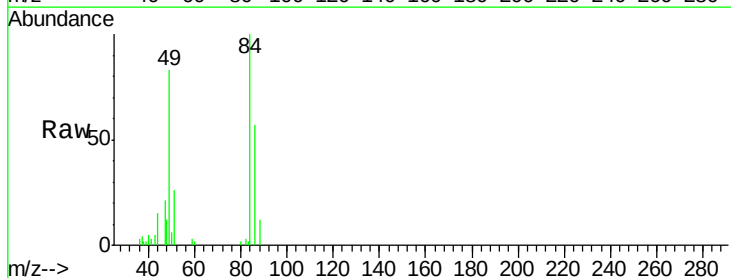
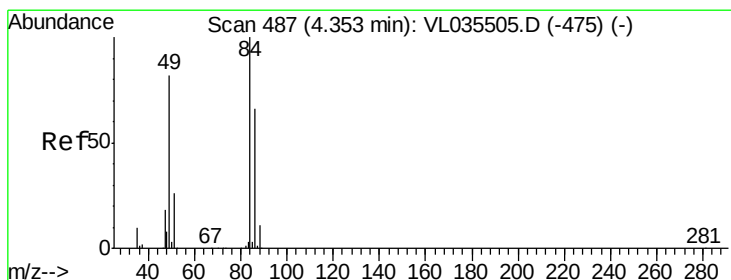
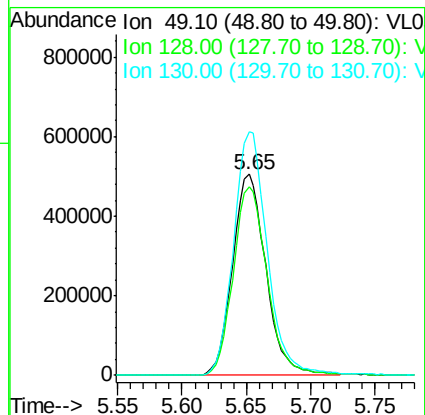
MSVOA_L

ClientSampled :

SV-11DL

Manual Integrations
APPROVED

MMDadoda
9/17/2020 5:41:08 PM



#20

Methylene Chloride

Concen: 0.190 ppbv

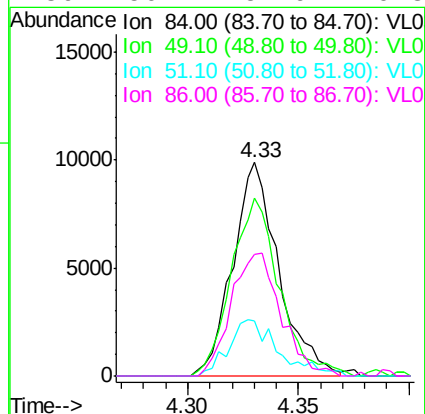
RT: 4.33 min Scan# 480

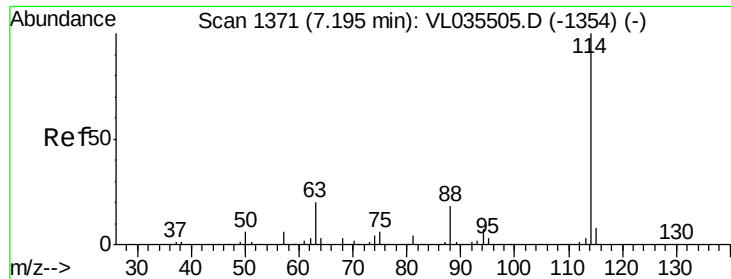
Delta R.T. -0.01 min

Lab File: VL035619.D

Acq: 15 Sep 2020 3:57

Tgt Ion:	84	Resp:	14276
Ion Ratio	Lower	Upper	
84	100		
49	83.3	65.4	98.0
51	25.6	21.5	32.3
86	56.7	52.9	79.3





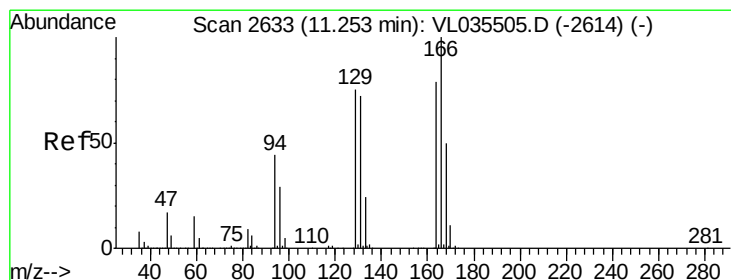
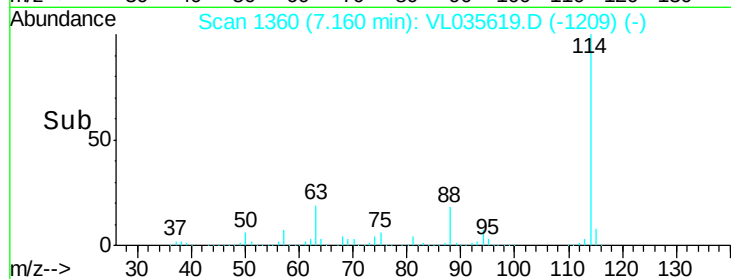
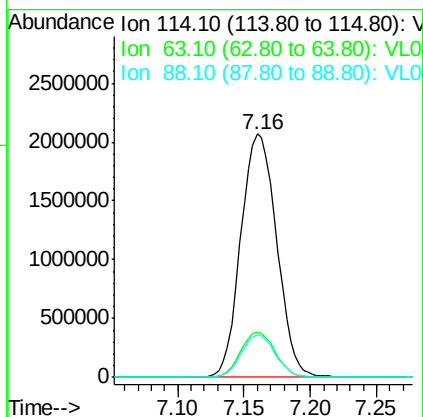
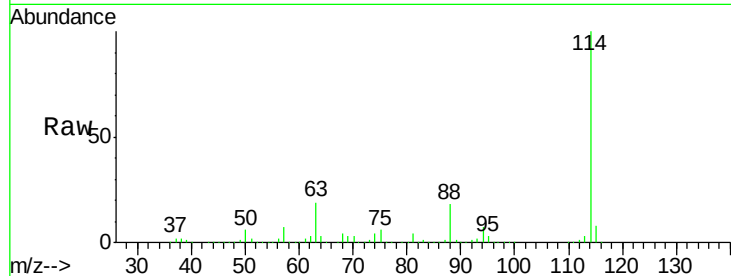
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. -0.02 min
 Lab File: VL035619.D
 Acq: 15 Sep 2020 3:57

Instrument :
 MSVOA_L
 ClientSampleID :
 SV-11DL

Tot Ion:114 Resp: 3902385
 Ion Ratio Lower Upper
 114 100
 63 18.1 14.7 22.1
 88 16.7 13.4 20.2

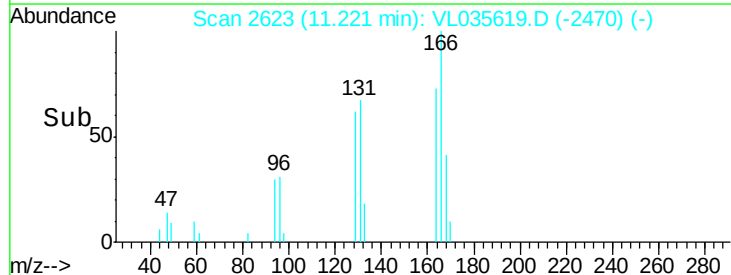
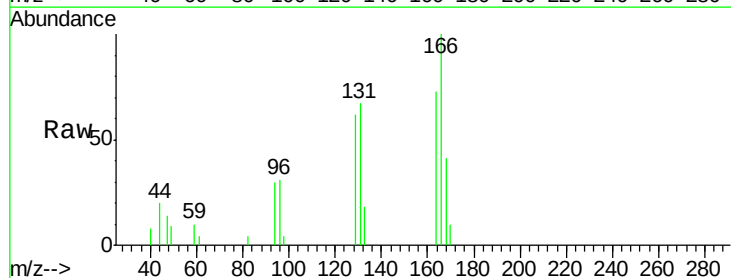
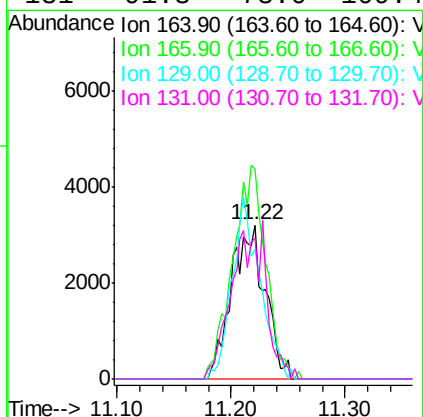
Manual Integrations
 APPROVED

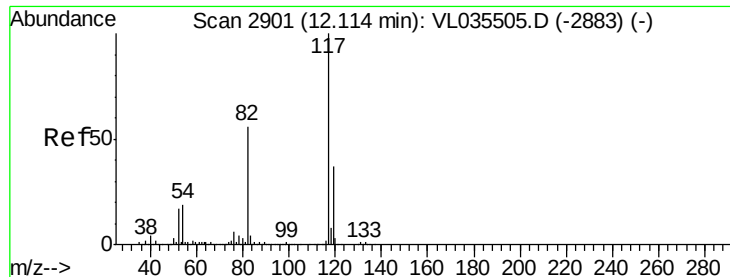
MMDadoda
 9/17/2020 5:41:08 PM



#52
 Tetrachloroethene
 Concen: 0.045 ppbv m
 RT: 11.22 min Scan# 2623
 Delta R.T. -0.01 min
 Lab File: VL035619.D
 Acq: 15 Sep 2020 3:57

Tgt Ion:164 Resp: 6578
 Ion Ratio Lower Upper
 164 100
 166 136.3 100.9 151.3
 129 84.1 75.3 112.9
 131 91.3 73.0 109.4





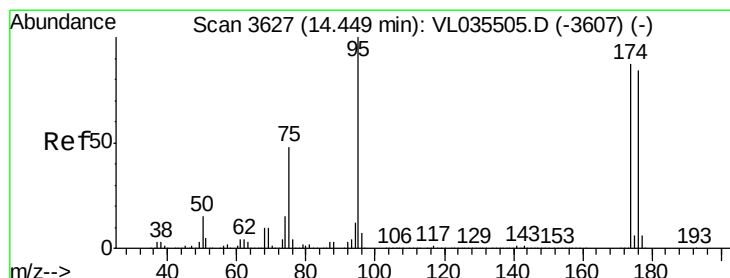
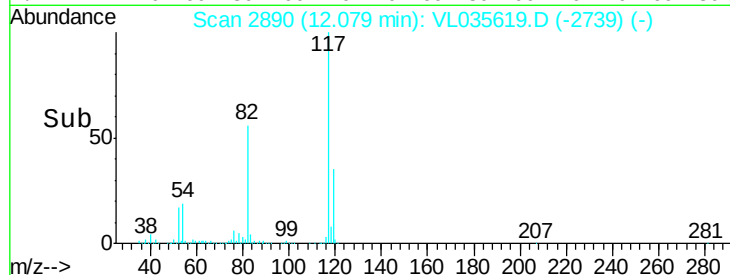
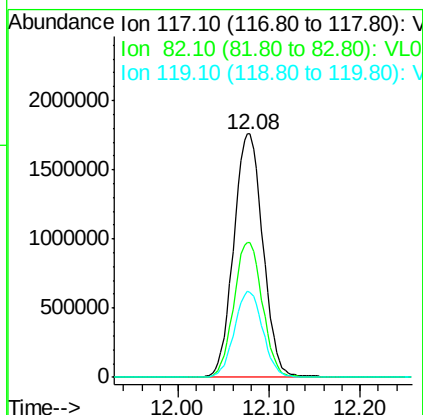
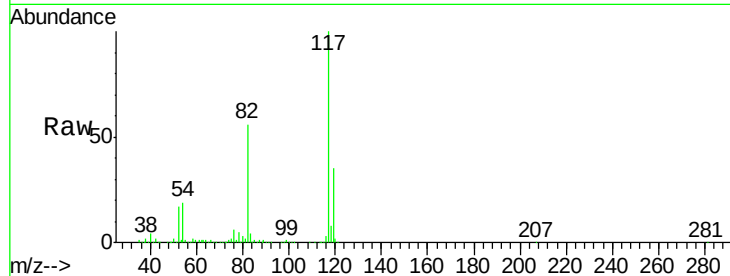
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. -0.02 min
Lab File: VL035619.D
Acq: 15 Sep 2020 3:57

Instrument :
MSVOA_L
ClientSampleId :
SV-11DL

Tot Ion:117 Resp: 3926285
Ion Ratio Lower Upper
117 100
82 54.7 41.6 62.4
119 34.4 29.3 43.9

Manual Integrations
APPROVED

MMDadoda
9/17/2020 5:41:08 PM



#68
1-Bromo-4-Fluorobenzene
Concen: 10.329 ppbv
RT: 14.41 min Scan# 3615
Delta R.T. -0.02 min
Lab File: VL035619.D
Acq: 15 Sep 2020 3:57

Tgt Ion: 95 Resp: 2880014
Ion Ratio Lower Upper
95 100
174 83.0 69.6 104.4
175 5.9 5.1 7.7

