

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070820\
 Data File : VL035181.D
 Acq On : 8 Jul 2020 12:38
 Operator : SY/AP
 Sample : L3190-01DL 600X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 PERM-01

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 12:02:55 PM

Quant Time: Jul 09 11:13:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070820AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	1256103	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2916935	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2653010	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2162636	10.03	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
27) Carbon Disulfide	4.53	76	13534329	83.297	ppbv #	64
36) Benzene	6.89	78	42665m	0.202	ppbv	

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

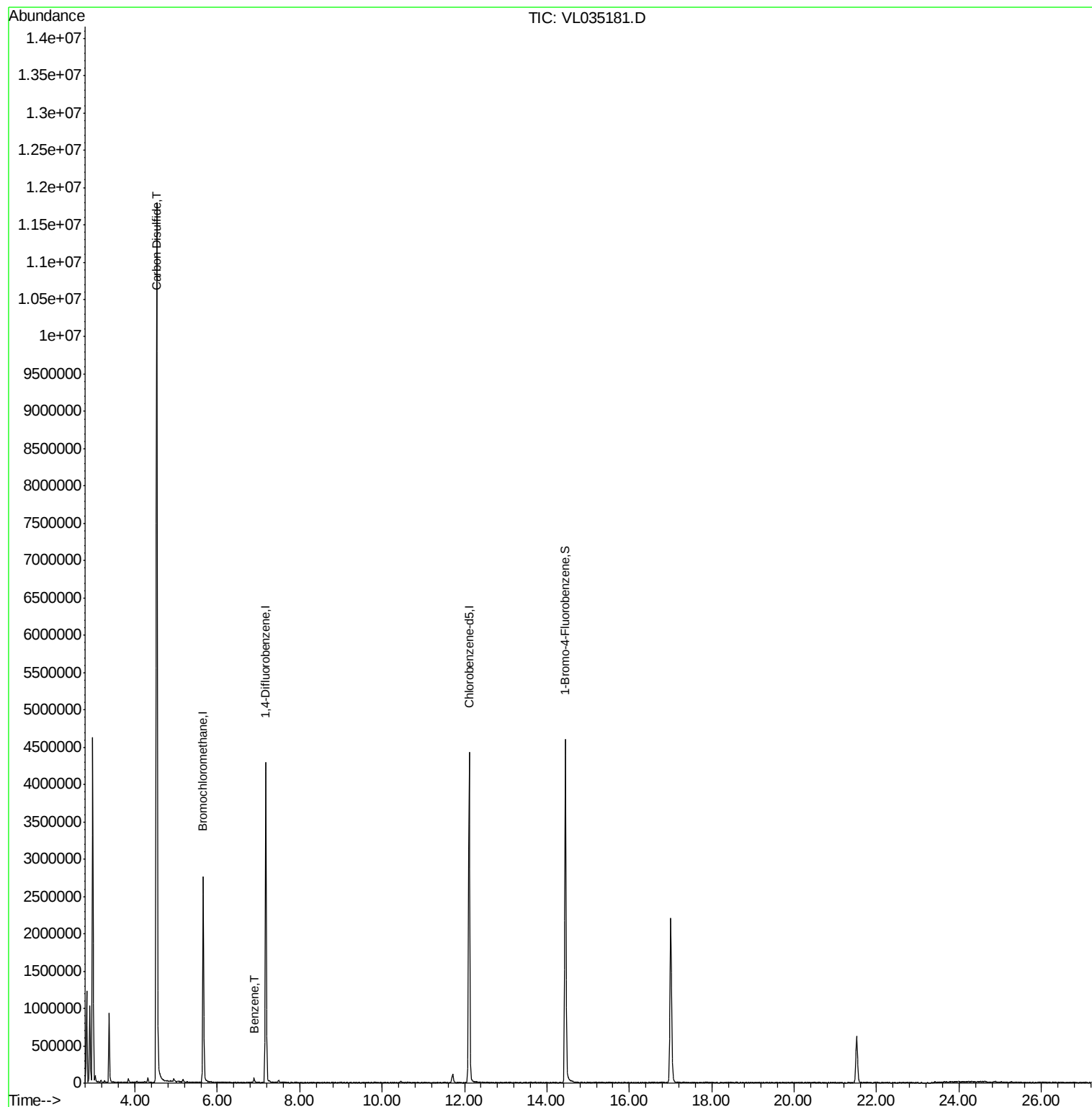
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL070820\
Data File : VL035181.D
Acq On : 8 Jul 2020 12:38
Operator : SY/AP
Sample : L3190-01DL 600X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

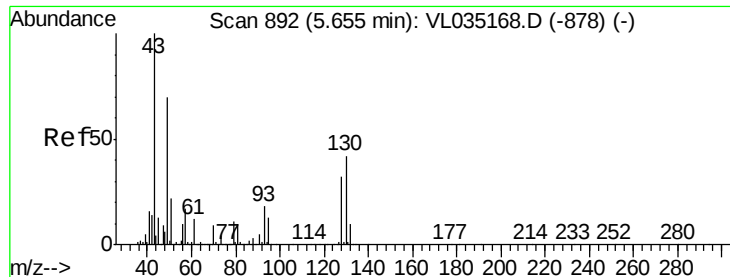
Instrument :
MSVOA_L
ClientSampleId :
PERM-01

Manual Integrations
APPROVED

MMDadoda
7/9/2020 12:02:55 PM

Quant Time: Jul 09 11:13:26 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# 892

Delta R.T. 0.00 min

Lab File: VL035181.D

Acq: 8 Jul 2020 12:38

Instrument :

MSVOA_L

ClientSampled :

PERM-01

Tot Ion: 49 Resp: 1256103

Ion Ratio Lower Upper

49 100

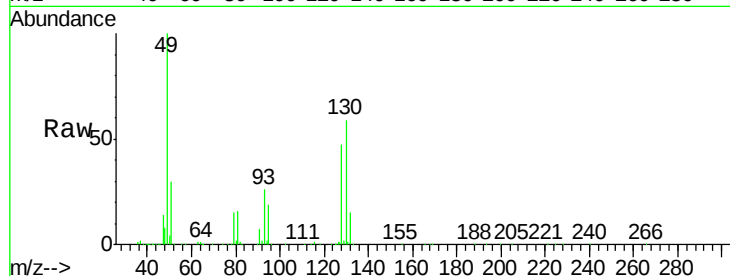
128 47.8 23.8 71.4

130 60.6 29.9 89.8

Manual Integrations
APPROVED

MMDadoda

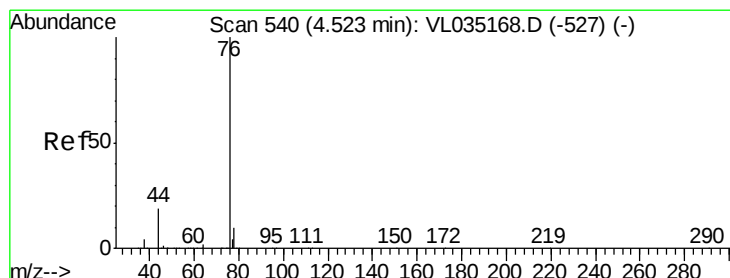
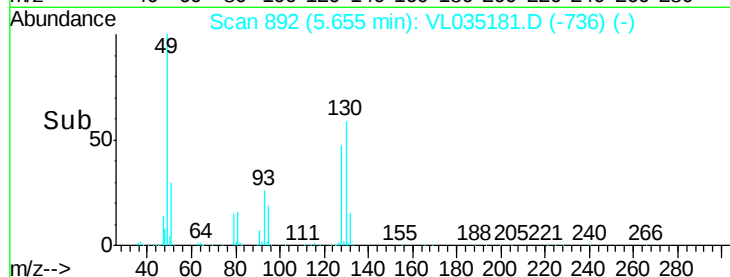
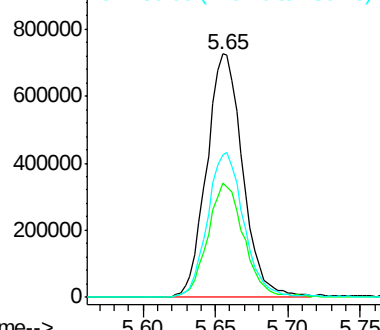
7/9/2020 12:02:55 PM



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#27

Carbon Disulfide

Concen: 83.297 ppbv

RT: 4.53 min Scan# 541

Delta R.T. 0.00 min

Lab File: VL035181.D

Acq: 8 Jul 2020 12:38

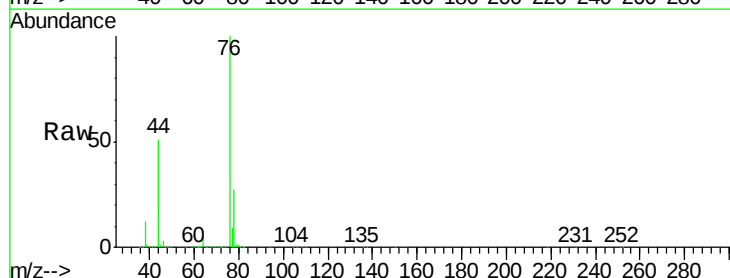
Tgt Ion: 76 Resp: 13534329

Ion Ratio Lower Upper

76 100

44 37.1 14.9 22.3#

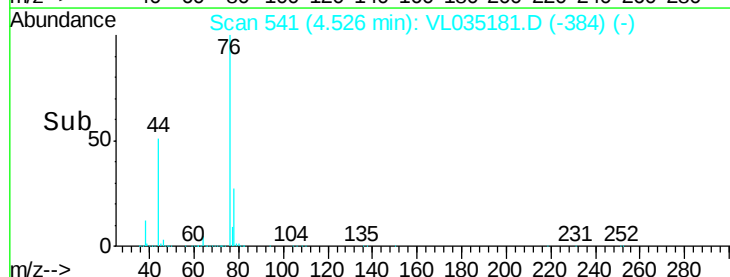
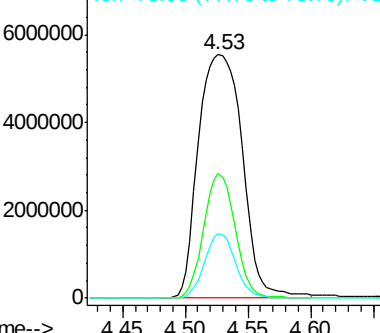
78 18.8 7.5 11.3#

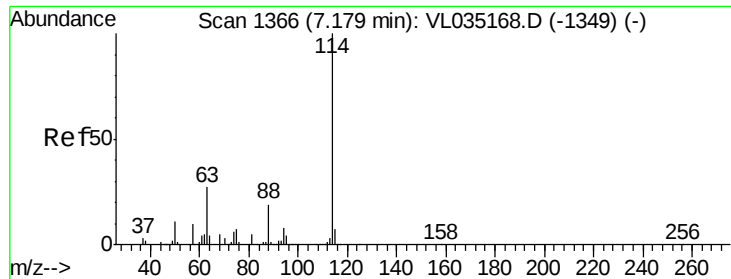


Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0





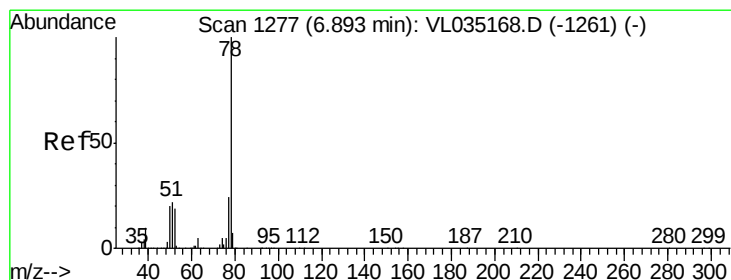
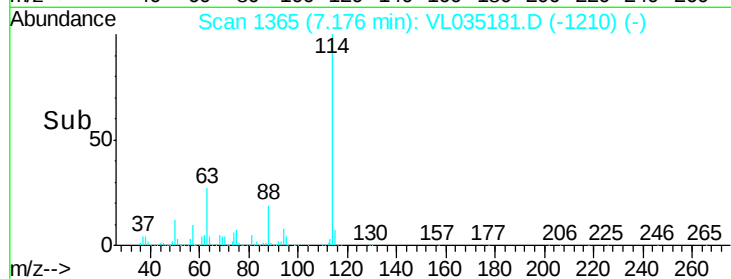
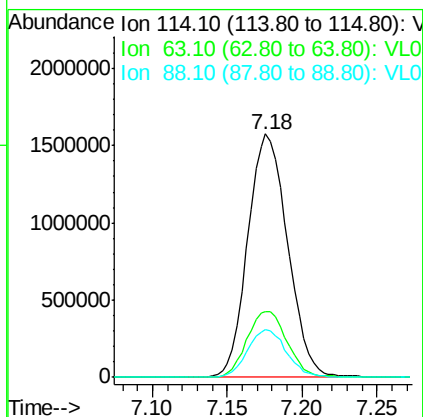
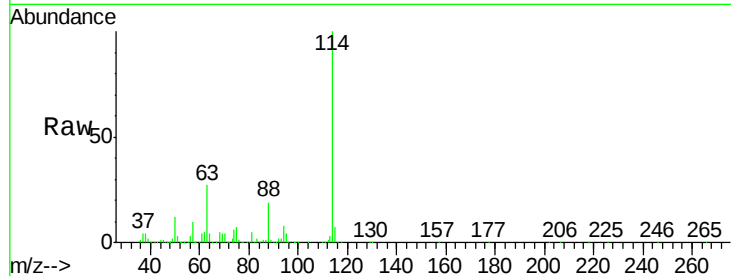
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VL035181.D
 Acq: 8 Jul 2020 12:38

Instrument :
 MSVOA_L
 ClientSampleId :
 PERM-01

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.6	22.0	33.0
88	19.3	15.4	23.0

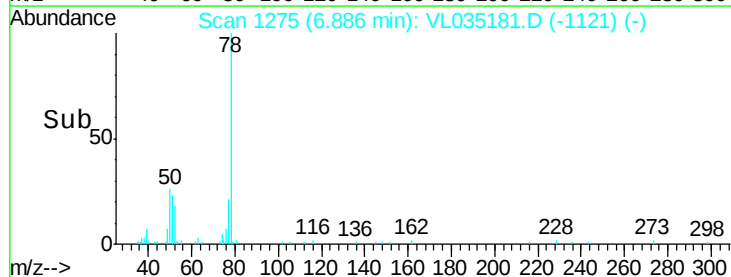
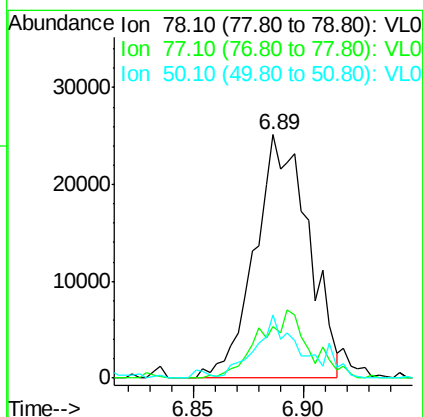
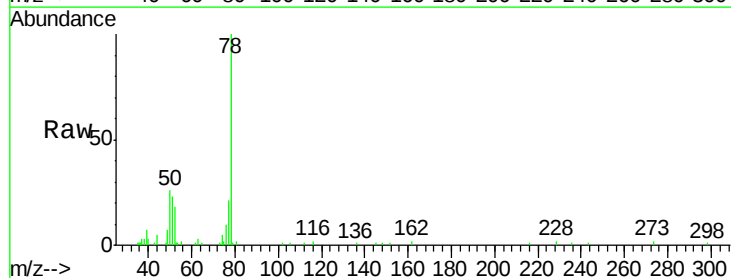
Manual Integrations
 APPROVED

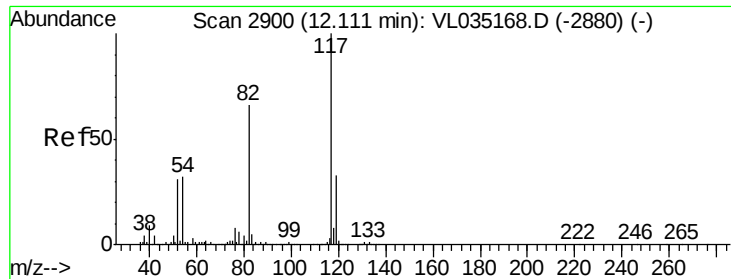
MMDadoda
 7/9/2020 12:02:55 PM



#36
 Benzene
 Concen: 0.202 ppbv m
 RT: 6.89 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: VL035181.D
 Acq: 8 Jul 2020 12:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.0	19.3	28.9
50	26.0	16.0	24.0#





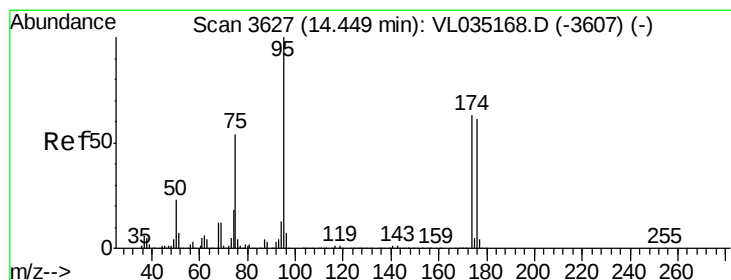
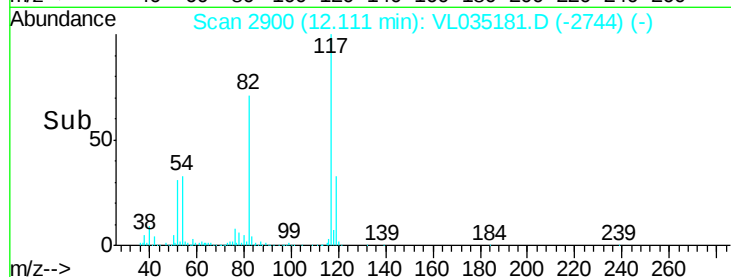
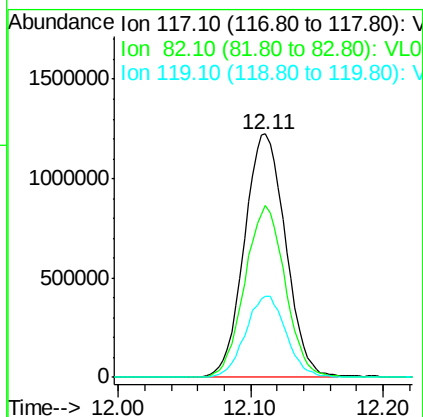
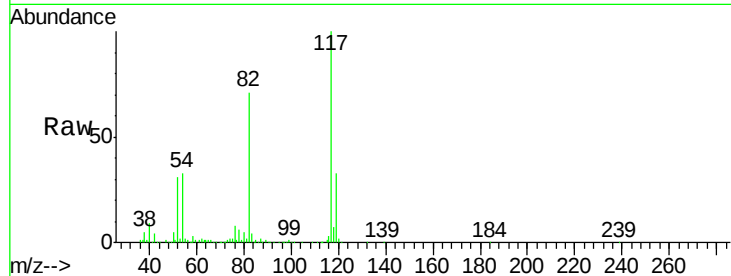
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VL035181.D
Acq: 8 Jul 2020 12:38

Instrument :
MSVOA_L
ClientSampleId :
PERM-01

Tot Ion:117 Resp: 2653010
Ion Ratio Lower Upper
117 100
82 69.6 52.3 78.5
119 33.0 24.9 37.3

Manual Integrations
APPROVED

MMDadoda
7/9/2020 12:02:55 PM



#68
1-Bromo-4-Fluorobenzene
Concen: 10.034 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. 0.00 min
Lab File: VL035181.D
Acq: 8 Jul 2020 12:38

Tgt Ion: 95 Resp: 2162636
Ion Ratio Lower Upper
95 100
174 66.2 52.2 78.2
175 5.0 4.0 6.0

