

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081220\
 Data File : VL035391.D
 Acq On : 12 Aug 2020 22:16
 Operator : SY/AP
 Sample : VL0812ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0812ABL01

Manual Integrations
 APPROVED

MMDadoda
 8/17/2020 5:44:06 PM

Quant Time: Aug 13 04:44:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081220AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 13 04:44:27 2020
 QLast Update : Wed Aug 12 20:32:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1488730	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3408537	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3208446	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2751496	10.62	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.88	43	33404m	0.178	ppbv	
20) Methylene Chloride	4.34	84	8408m	0.119	ppbv	

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

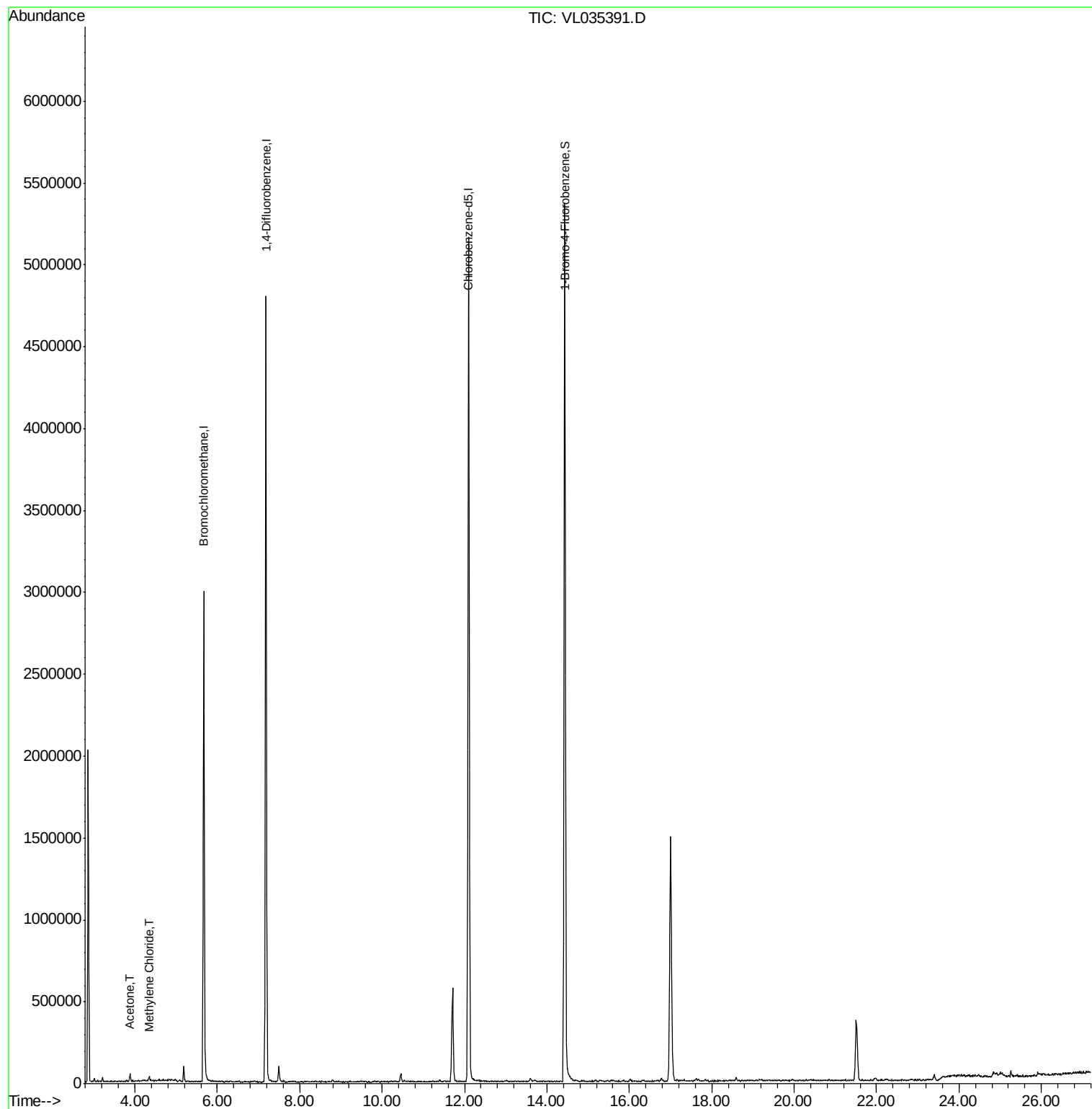
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL081220\
Data File : VL035391.D
Acq On : 12 Aug 2020 22:16
Operator : SY/AP
Sample : VL0812ABL01
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

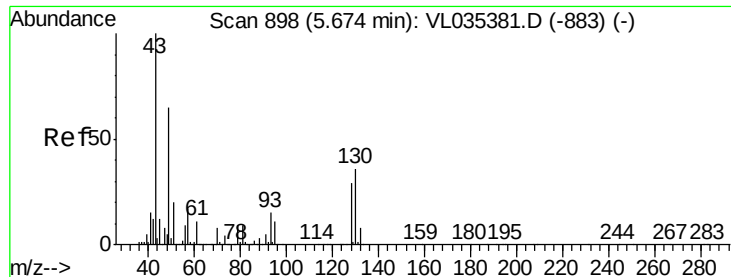
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABL01

Manual Integrations
APPROVED

MMDadoda
8/17/2020 5:44:06 PM

Quant Time: Aug 13 04:44:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081220AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug
QLast Update : Wed Aug 12 20:32:44 2020
Response via : Initial Calibration





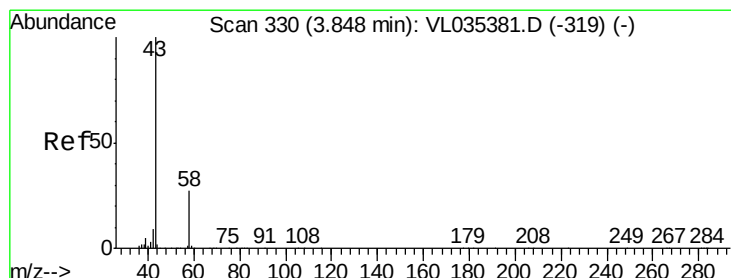
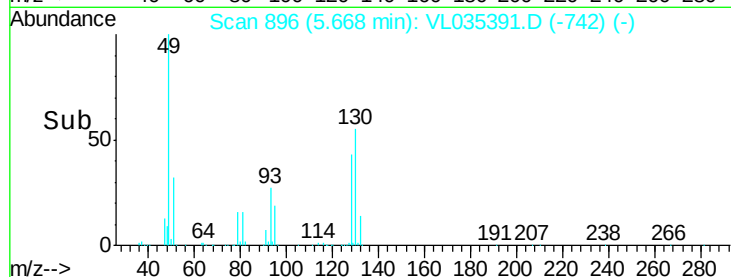
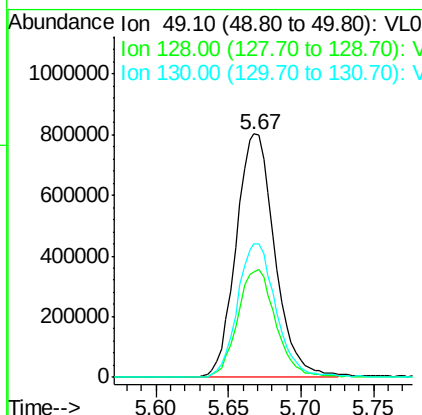
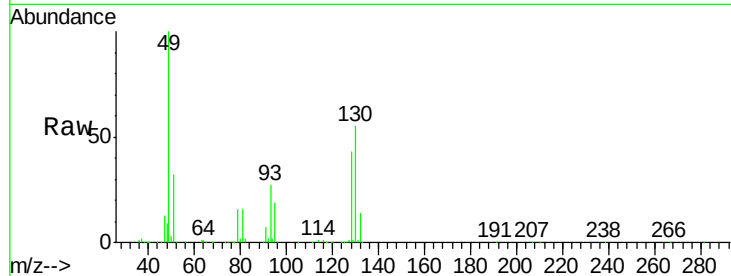
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.01 min
Lab File: VL035391.D
Acq: 12 Aug 2020 22:16

Instrument :
MSVOA_L
ClientSampleId :
VL0812ABL01

Tot Ion: 49 Resp: 1488730
Ion Ratio Lower Upper
49 100
128 44.1 21.8 65.3
130 54.9 27.9 83.6

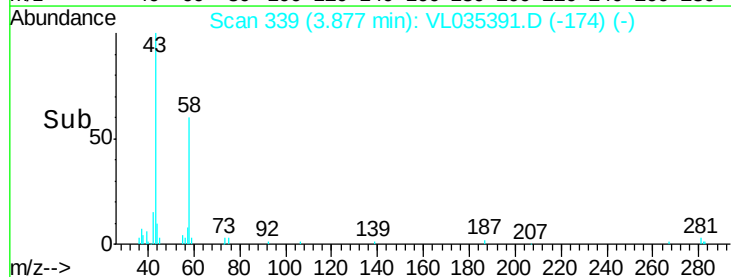
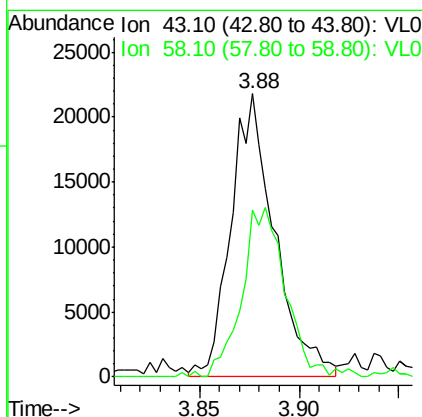
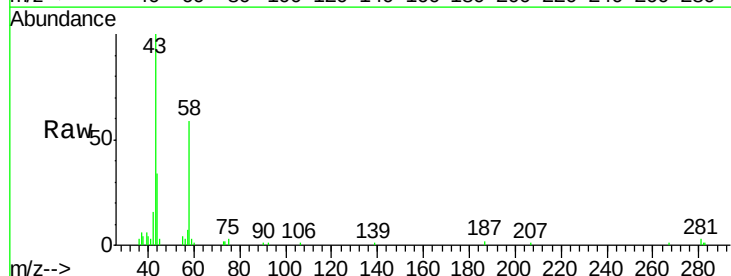
Manual Integrations
APPROVED

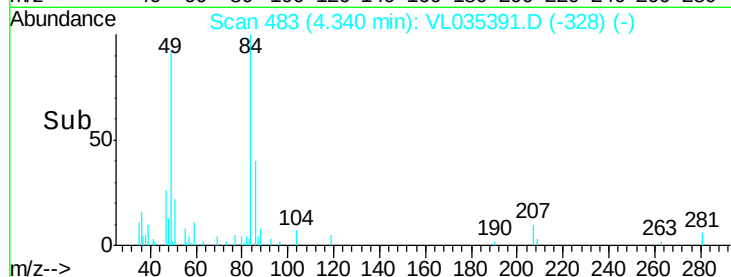
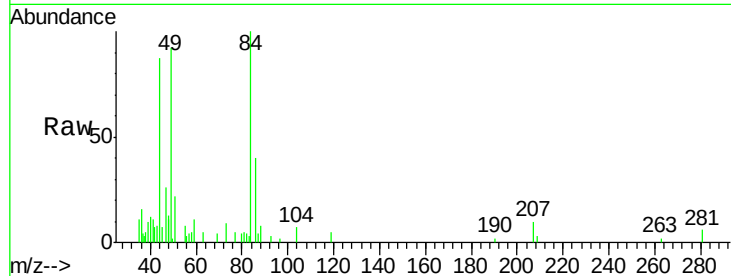
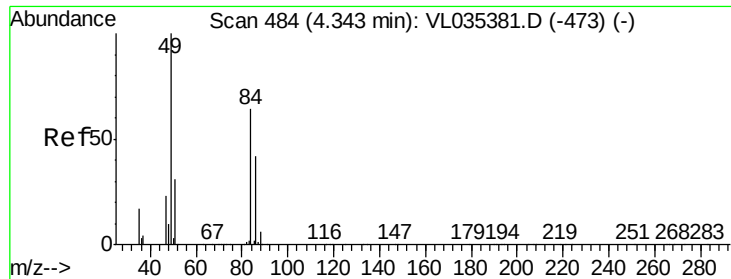
MMDadoda
8/17/2020 5:44:06 PM



#15
Acetone
Concen: 0.178 ppbv m
RT: 3.88 min Scan# 339
Delta R.T. 0.03 min
Lab File: VL035391.D
Acq: 12 Aug 2020 22:16

Tgt Ion: 43 Resp: 33404
Ion Ratio Lower Upper
43 100
58 0.0 21.7 32.5#





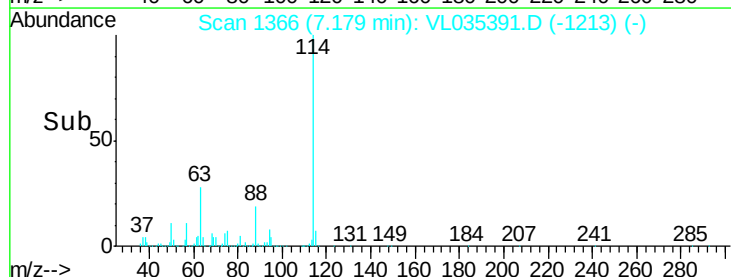
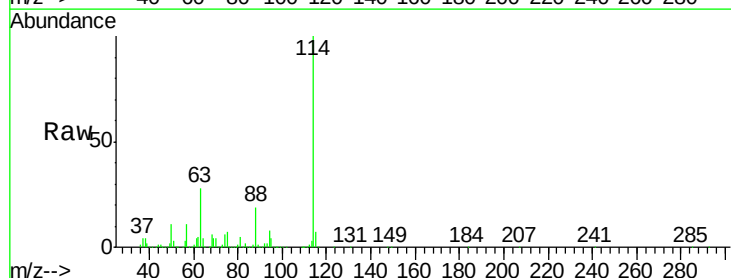
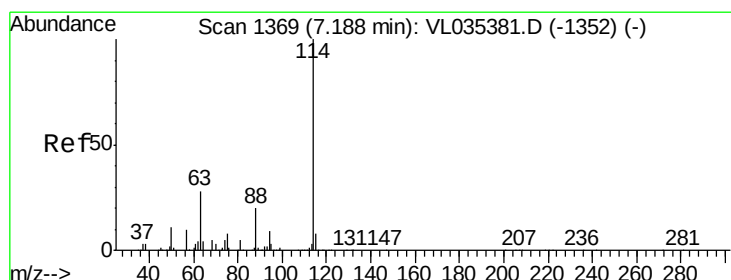
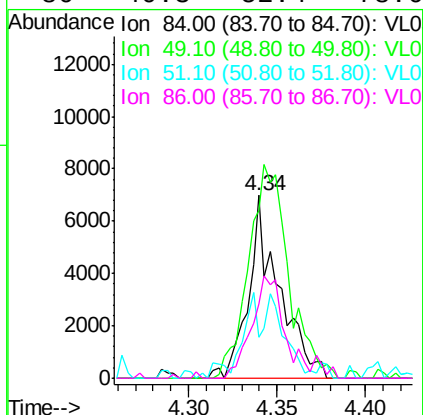
#20
Methylene Chloride
Concen: 0.119 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.00 min
Lab File: VL035391.D
Acq: 12 Aug 2020 22:16

Tot Ion	Ratio	Lower	Upper
84	100		
49	91.8	125.7	188.5#
51	22.3	38.5	57.7#
86	40.3	52.4	78.6#

Instrument :
MSVOA_L
ClientSampleId :
VL0812ABL01

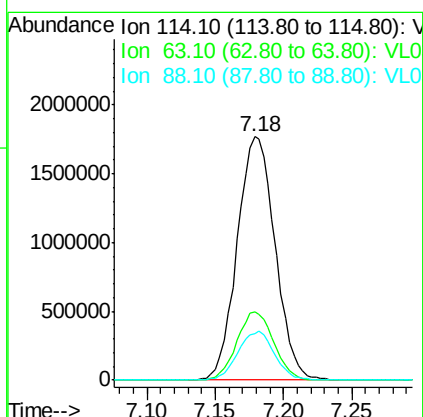
Manual Integrations
APPROVED

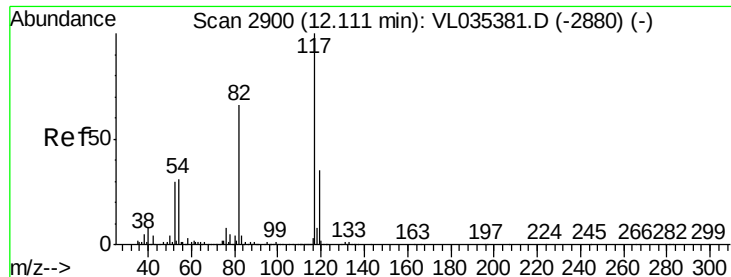
MMDadoda
8/17/2020 5:44:06 PM



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VL035391.D
Acq: 12 Aug 2020 22:16

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.5	21.5	32.3
88	19.5	15.6	23.4





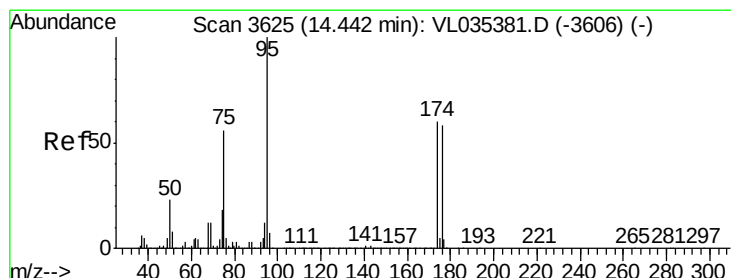
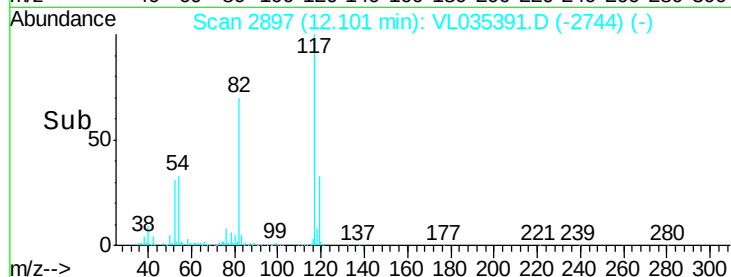
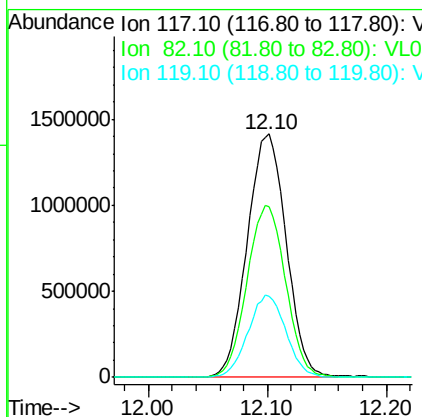
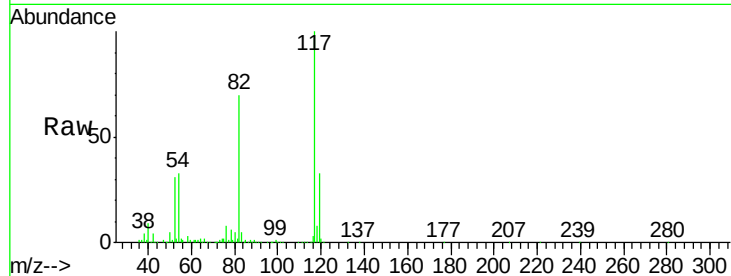
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.01 min
Lab File: VL035391.D
Acq: 12 Aug 2020 22:16

Instrument :
MSVOA_L
ClientSampleId :
VL0812ABL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	70.3	53.0	79.6
119	33.1	25.7	38.5

Manual Integrations
APPROVED

MMDadoda
8/17/2020 5:44:06 PM



#68
1-Bromo-4-Fluorobenzene
Concen: 10.621 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL035391.D
Acq: 12 Aug 2020 22:16

Tgt Ion	Ratio	Lower	Upper
95	100		
174	57.3	48.2	72.2
175	4.3	3.7	5.5

