

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051420\
 Data File : VL035038.D
 Acq On : 15 May 2020 9:21
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

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 5/18/2020 1:35:32 PM

Quant Time: May 16 00:34:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 0
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1140254	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	2602129	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	2411866	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	2022869	10.36	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.60%
Target Compounds						
15) Acetone	3.84	43	23243	0.154	ppbv	Ovalue # 63
20) Methylene Chloride	4.32	84	6546m	0.131	ppbv	

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

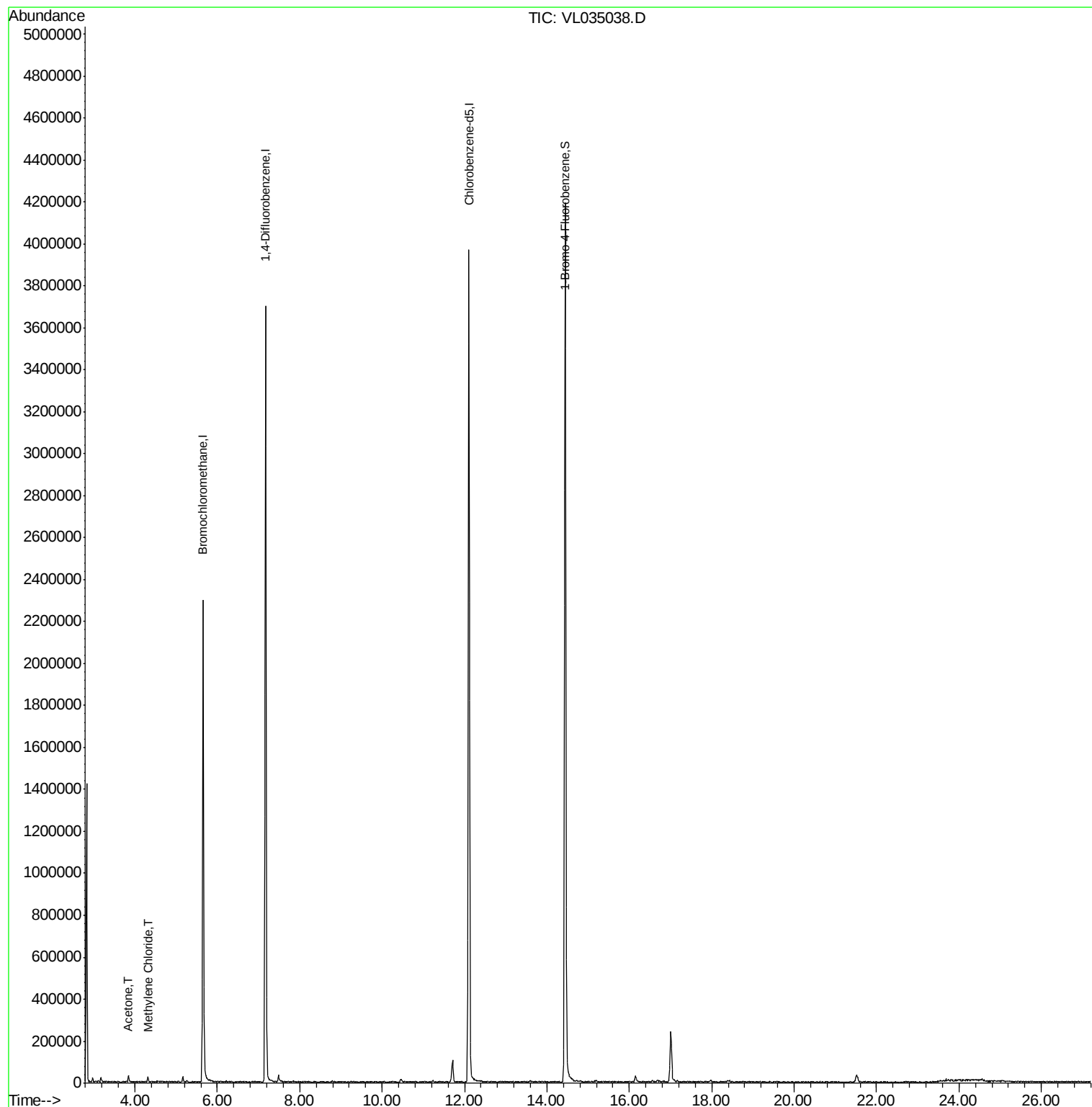
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL051420\
Data File : VL035038.D
Acq On : 15 May 2020 9:21
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

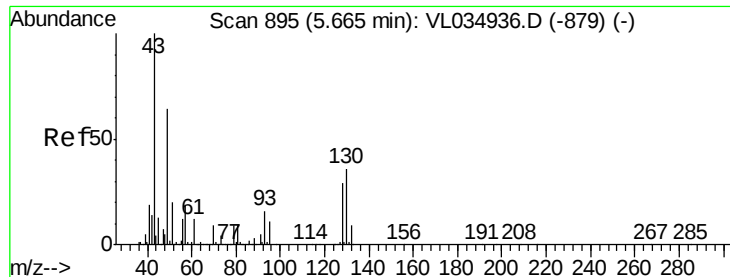
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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Quant Time: May 16 00:34:05 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed May
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration





#1

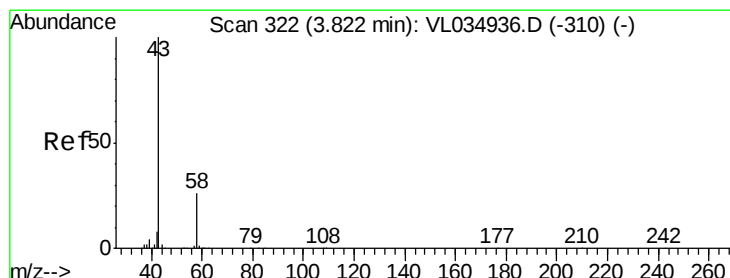
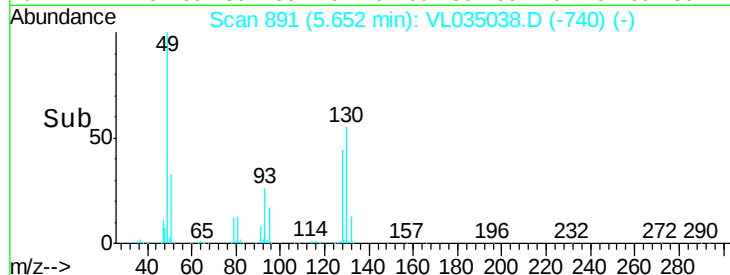
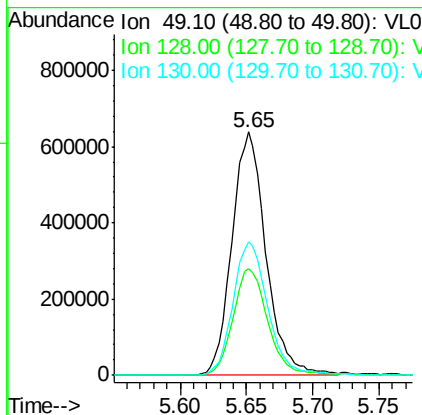
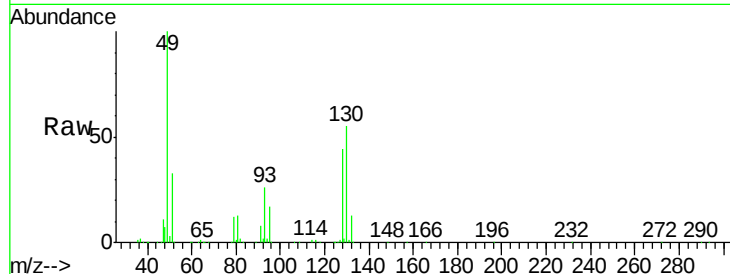
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: VL035038.D
 Acq: 15 May 2020 9:21

Instrument :
 MSVOA_L
 ClientSampled :
 VIBLK

Tot Ion: 49 Resp: 1140254
 Ion Ratio Lower Upper
 49 100
 128 44.8 22.1 66.5
 130 57.0 29.1 87.3

Manual Integrations
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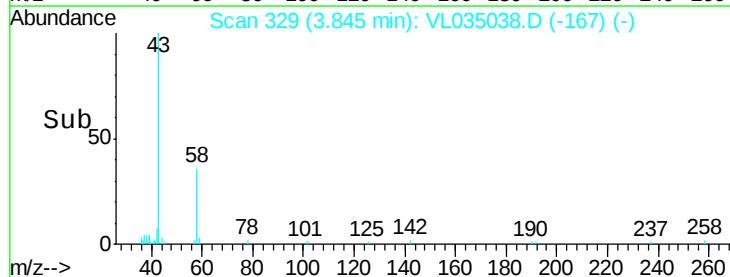
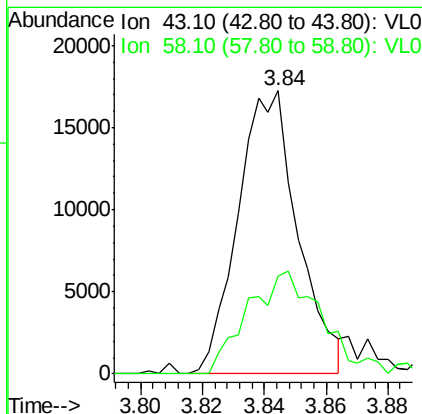
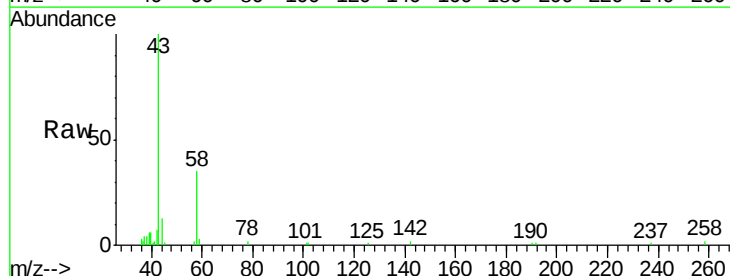
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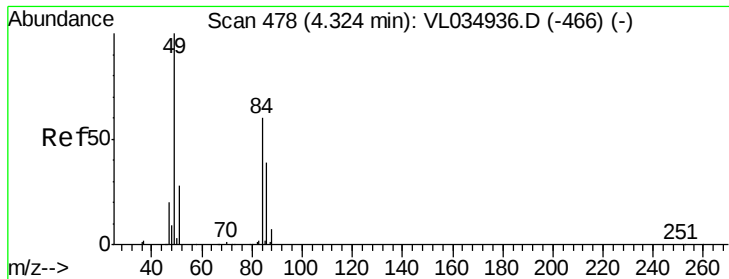


#15

Acetone
 Concen: 0.154 ppbv
 RT: 3.84 min Scan# 329
 Delta R.T. 0.02 min
 Lab File: VL035038.D
 Acq: 15 May 2020 9:21

Tgt Ion: 43 Resp: 23243
 Ion Ratio Lower Upper
 43 100
 58 46.4 21.7 32.5#





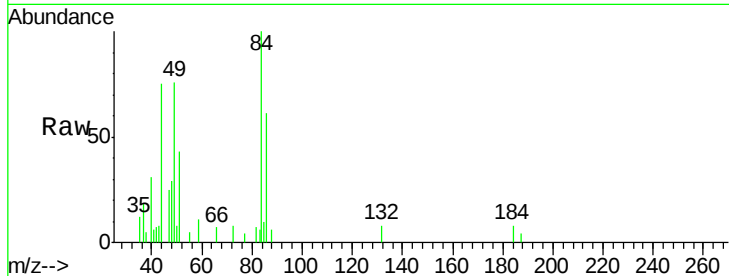
#20
Methvlene Chloride
Concen: 0.131 ppbv m
RT: 4.32 min Scan# 478
Delta R.T. -0.00 min
Lab File: VL035038.D
Acq: 15 May 2020 9:21

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion	Ratio	Lower	Upper
84	100		
49	76.2	132.5	198.7#
51	43.4	38.4	57.6
86	60.7	51.2	76.8

Manual Integrations
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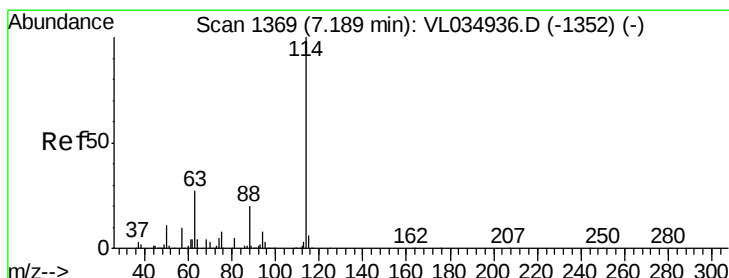
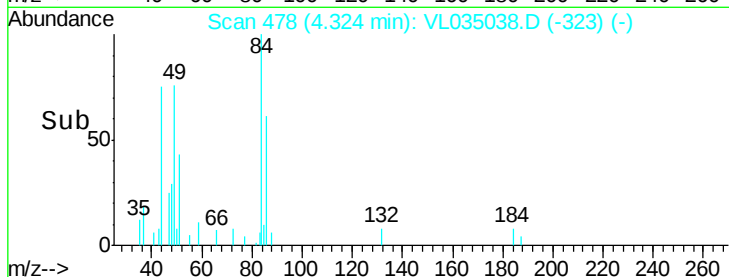
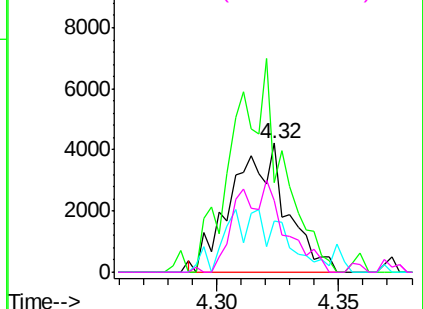
Abundance

Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

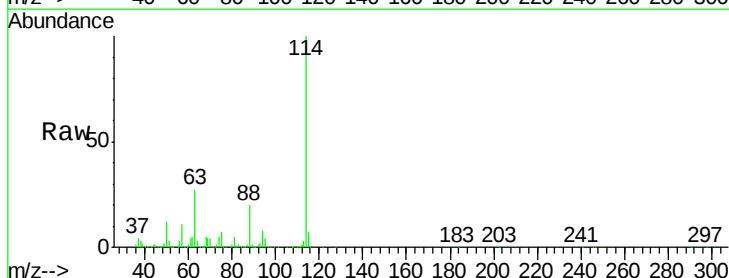
Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.02 min
Lab File: VL035038.D
Acq: 15 May 2020 9:21

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.4	22.2	33.4
88	19.7	15.5	23.3

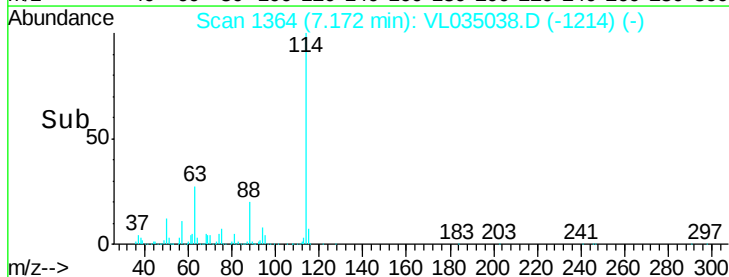
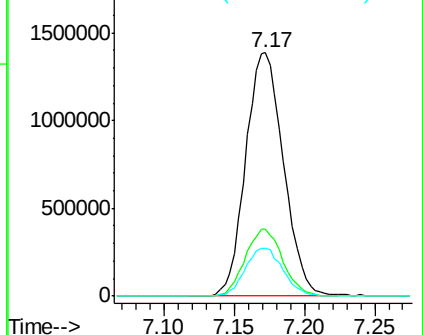


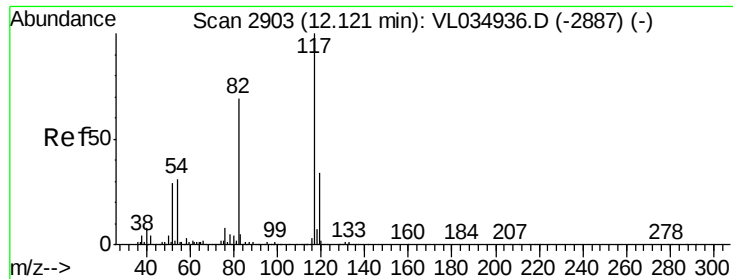
Abundance

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





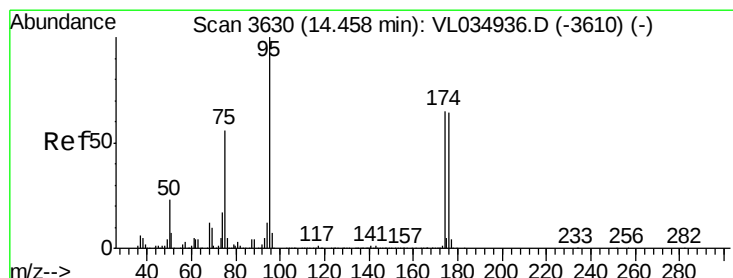
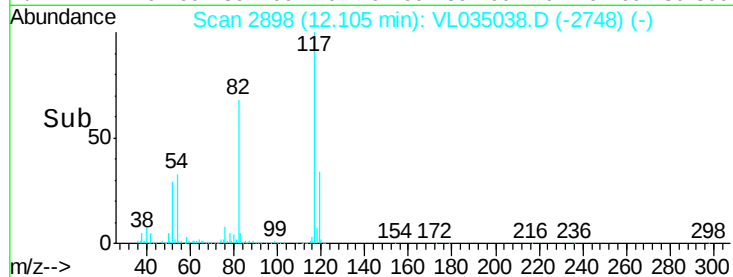
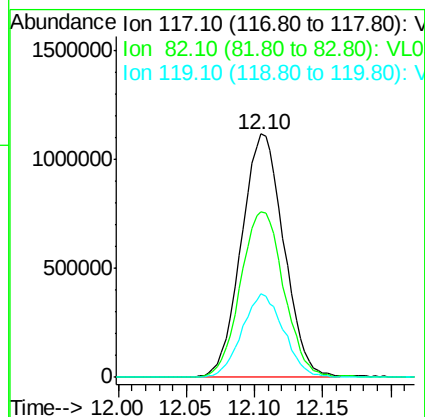
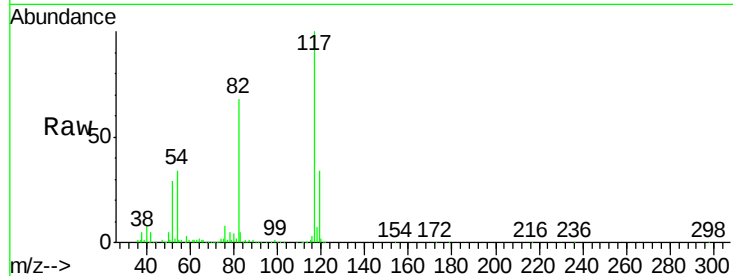
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.02 min
Lab File: VL035038.D
Acq: 15 May 2020 9:21

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion	Ratio	Lower	Upper
117	100		
82	70.1	53.1	79.7
119	33.8	26.7	40.1

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.362 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.02 min
Lab File: VL035038.D
Acq: 15 May 2020 9:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	65.6	51.5	77.3
175	5.1	3.8	5.8

