

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110420\
 Data File : VL035842.D
 Acq On : 4 Nov 2020 21:21
 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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 11/5/2020 2:17:18 PM

Quant Time: Nov 05 04:59:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.63	49	896453	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.14	114	4090530	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.05	117	3747580	10.00	ppbv	-0.04

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.38	95	2596820	9.75	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	10640m	0.111	ppbv	
20) Methylene Chloride	4.31	84	7928m	0.118	ppbv	

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

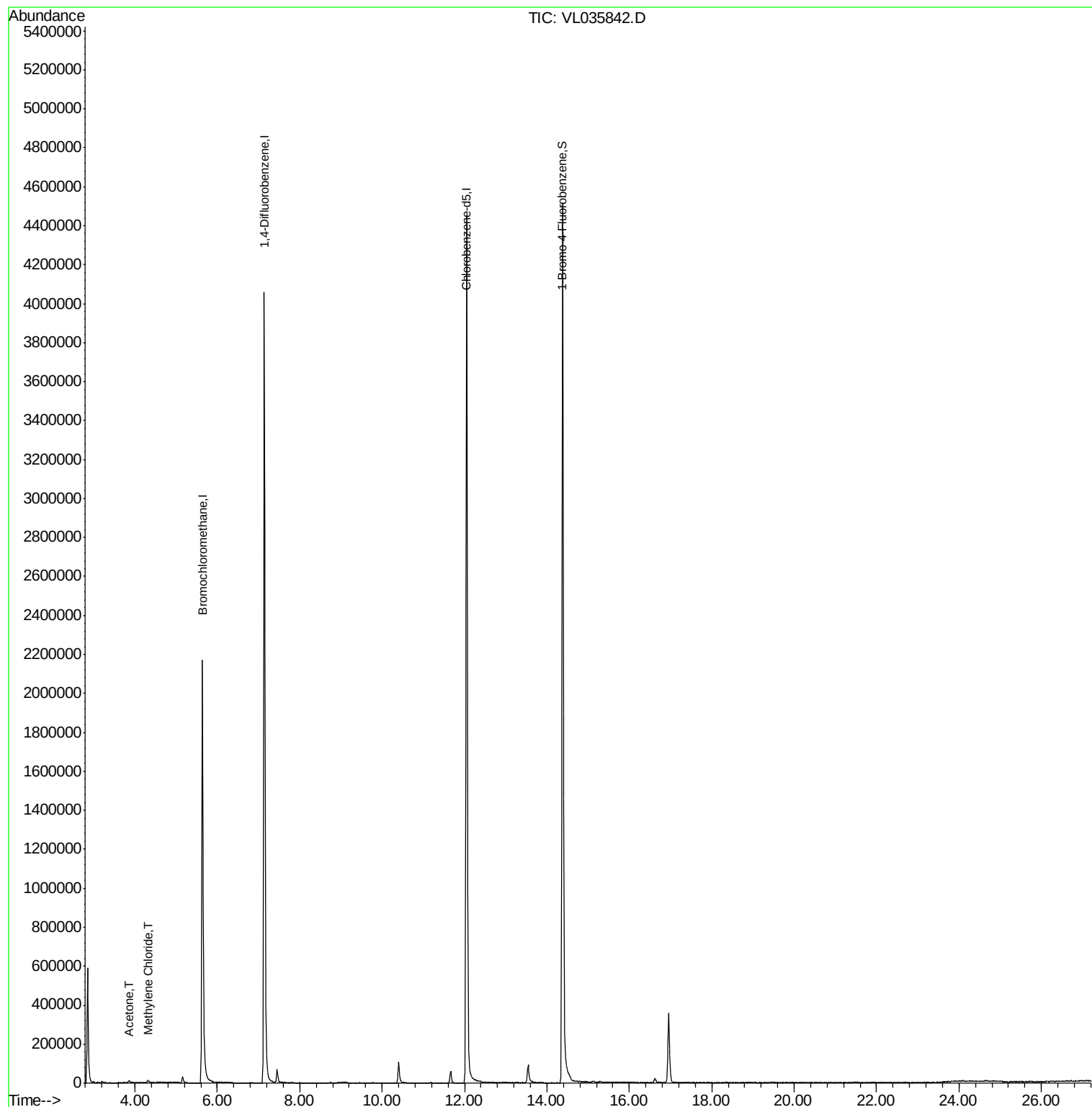
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL110420\
Data File : VL035842.D
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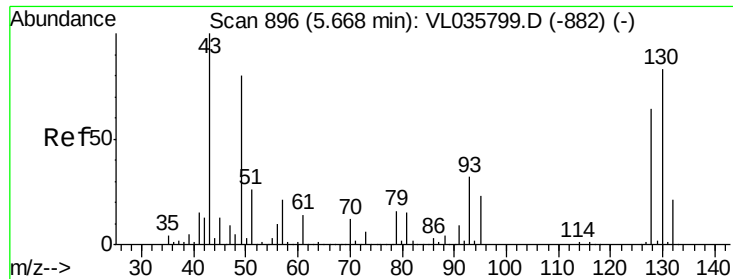
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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Quant Time: Nov 05 04:59:11 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.63 min Scan# 885

Delta R.T. -0.04 min

Lab File: VL035842.D

Acq: 4 Nov 2020 21:21

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tot Ion: 49 Resp: 896453

Ion Ratio Lower Upper

49 100

128 94.3 41.5 124.6

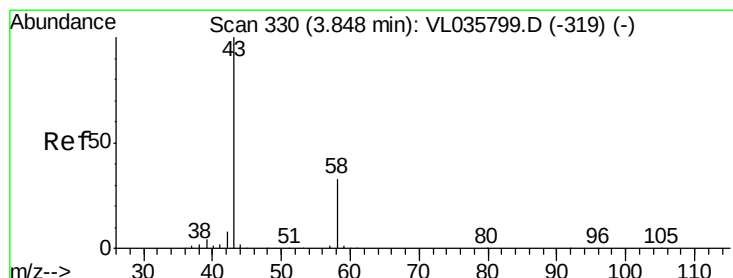
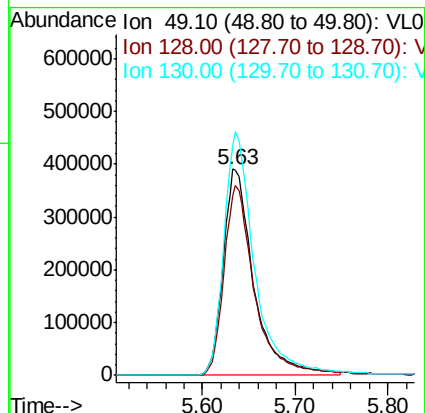
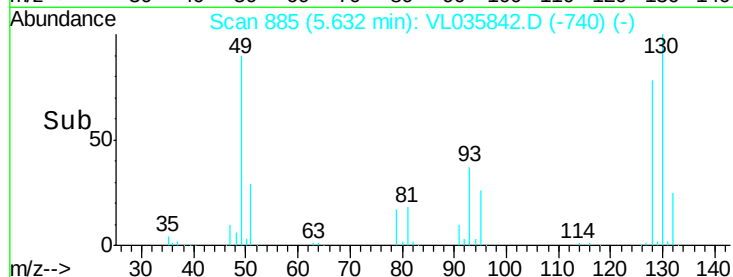
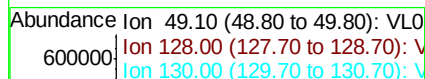
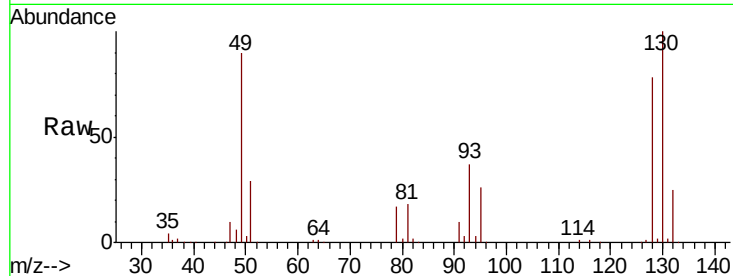
130 120.9 53.7 161.1

Manual Integrations

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#15

Acetone

Concen: 0.111 ppbv m

RT: 3.84 min Scan# 329

Delta R.T. -0.00 min

Lab File: VL035842.D

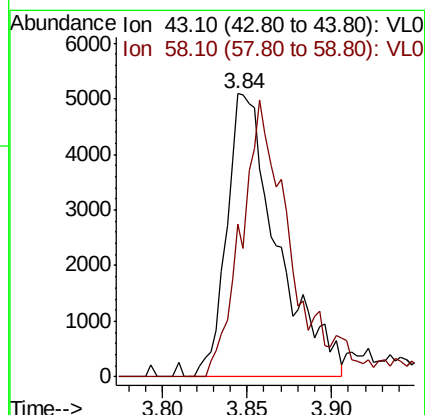
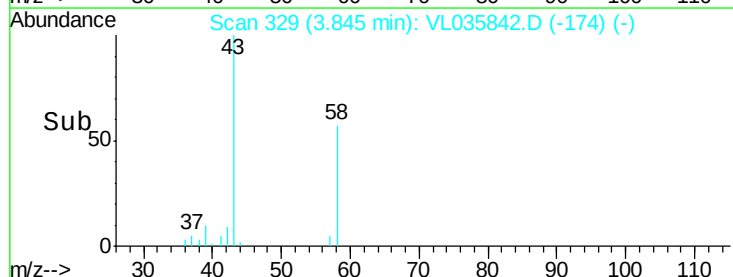
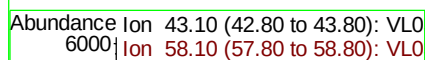
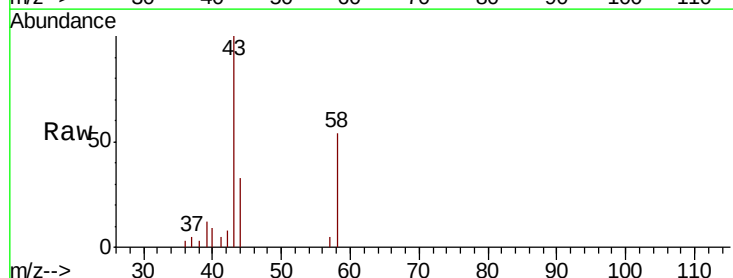
Acq: 4 Nov 2020 21:21

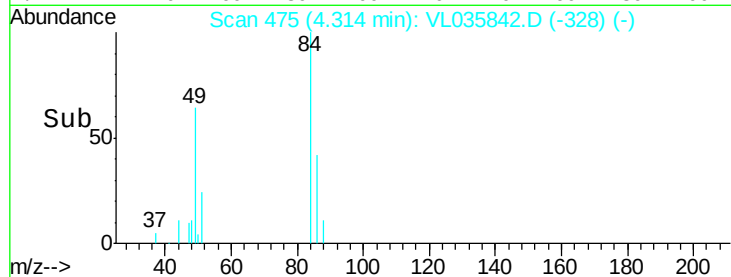
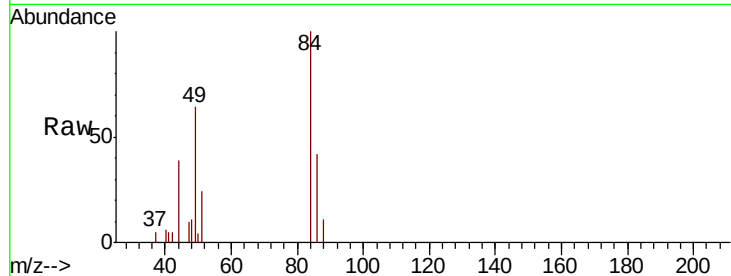
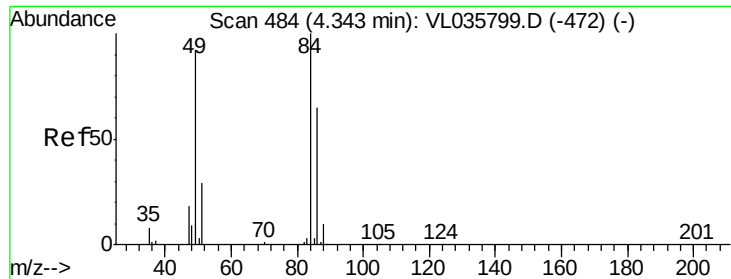
Tgt Ion: 43 Resp: 10640

Ion Ratio Lower Upper

43 100

58 95.2 27.5 41.3#





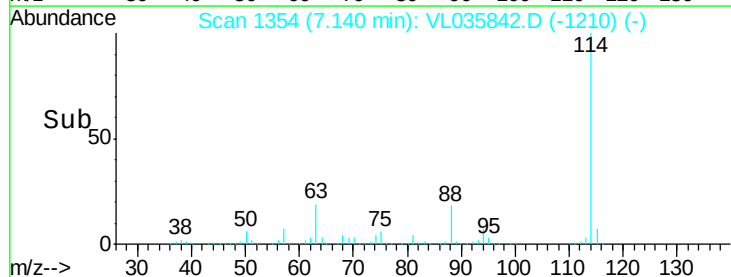
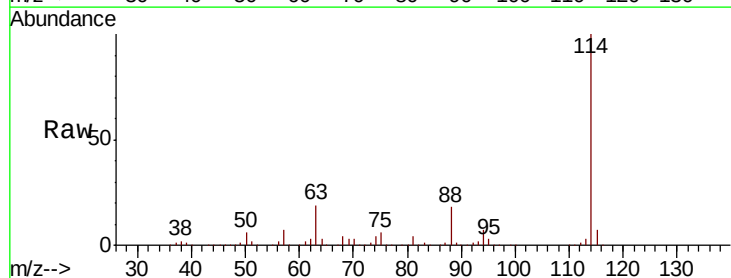
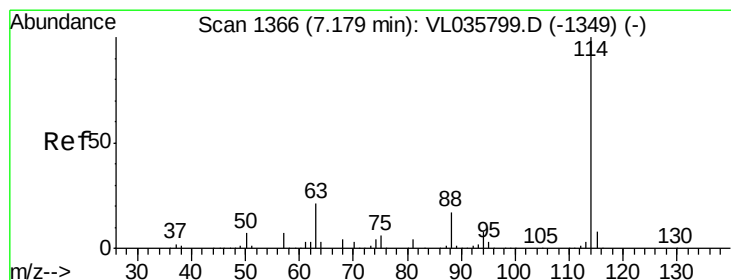
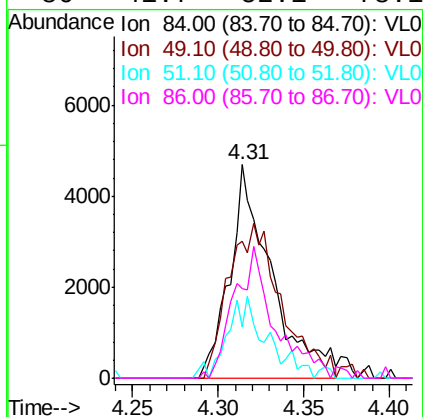
#20
Methylene Chloride
Concen: 0.118 ppbv
RT: 4.31 min Scan# 475
Delta R.T. -0.03 min
Lab File: VL035842.D
Acq: 4 Nov 2020 21:21

Tot Ion: 84 Resp: 7928
Ion Ratio Lower Upper
84 100
49 63.9 73.8 110.8#
51 24.0 23.0 34.4
86 41.7 52.1 78.1#

Instrument :
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ClientSampled :
VIBLK

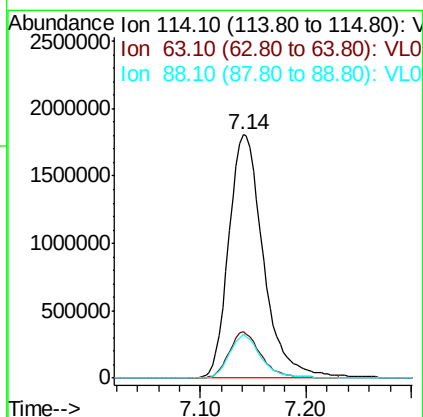
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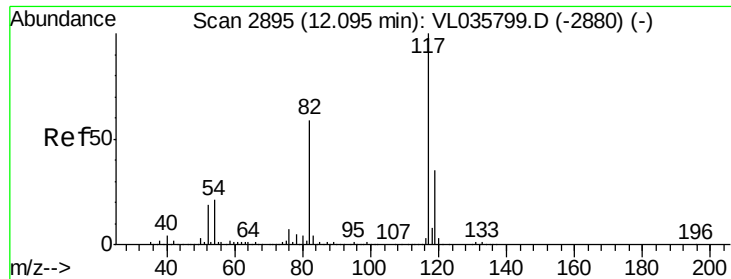
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. -0.04 min
Lab File: VL035842.D
Acq: 4 Nov 2020 21:21

Tgt Ion: 114 Resp: 4090530
Ion Ratio Lower Upper
114 100
63 18.1 16.1 24.1
88 16.7 13.7 20.5





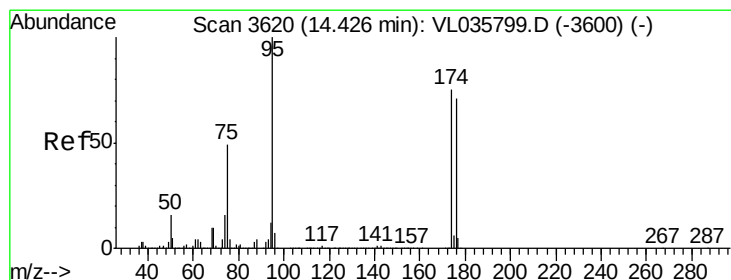
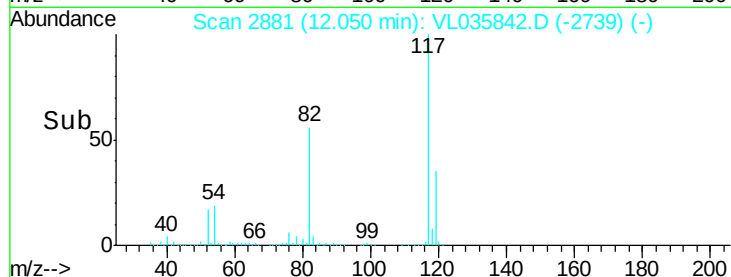
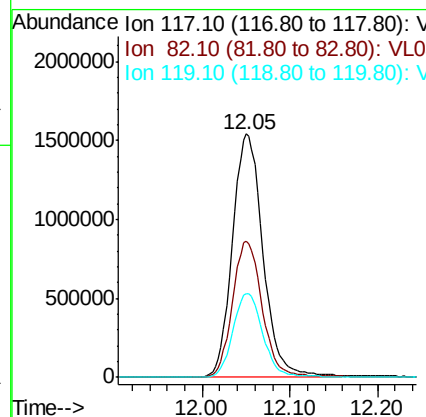
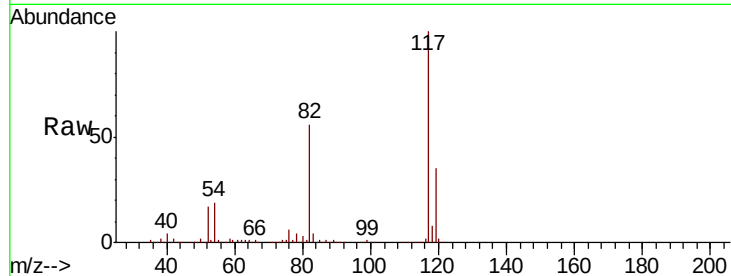
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min Scan# 2881
Delta R.T. -0.04 min
Lab File: VL035842.D
Acq: 4 Nov 2020 21:21

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion:117 Resp: 3747580
Ion Ratio Lower Upper
117 100
82 55.7 50.6 76.0
119 34.1 52.6 78.8#

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.753 ppbv
RT: 14.38 min Scan# 3607
Delta R.T. -0.04 min
Lab File: VL035842.D
Acq: 4 Nov 2020 21:21

Tgt Ion: 95 Resp: 2596820
Ion Ratio Lower Upper
95 100
174 77.2 59.8 89.6
175 5.3 4.3 6.5

