

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112420\
 Data File : VL036018.D
 Acq On : 25 Nov 2020 6:47
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 11/27/2020 1:17:39 PM

Quant Time: Nov 25 08:30:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04
 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	5.64	49	1279272	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	4740269	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	4328824	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3228995	10.50	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.86	43	15928m	0.116	ppbv	
20) Methylene Chloride	4.32	84	18715m	0.194	ppbv	

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

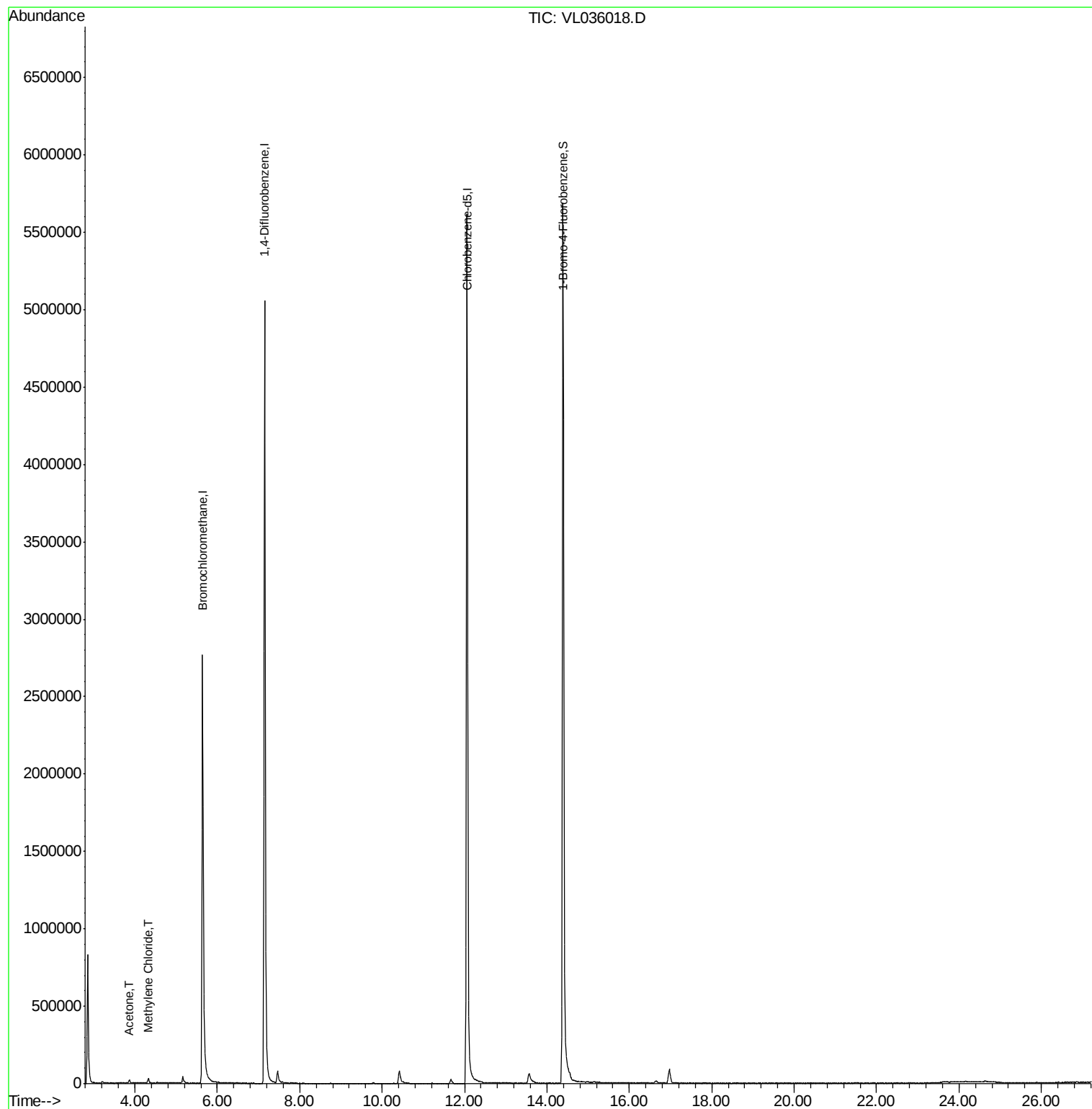
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL112420\
Data File : VL036018.D
Acq On : 25 Nov 2020 6:47
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA L
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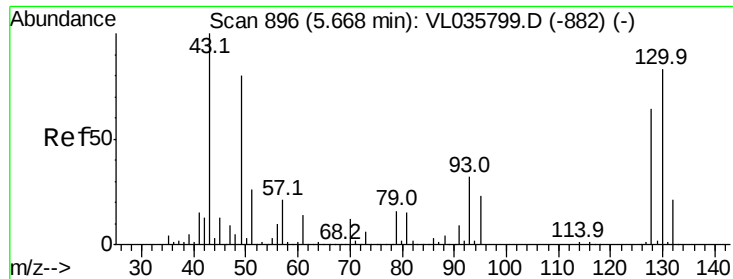
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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Quant Time: Nov 25 08:30:35 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: 5.64 min Scan# 887

Delta R.T. -0.03 min

Lab File: VL036018.D

Acq: 25 Nov 2020 6:47

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tot Ion: 49 Resp: 1279272

Ion Ratio Lower Upper

49 100

128 81.1 41.5 124.6

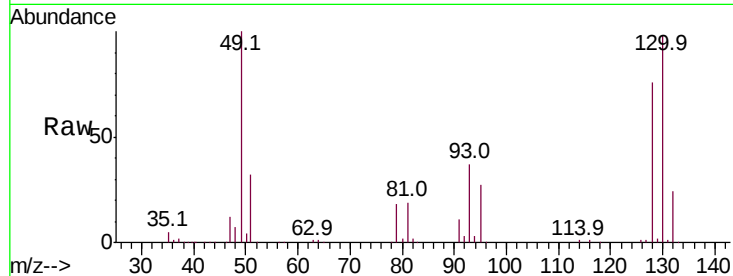
130 103.1 53.7 161.1

Manual Integrations

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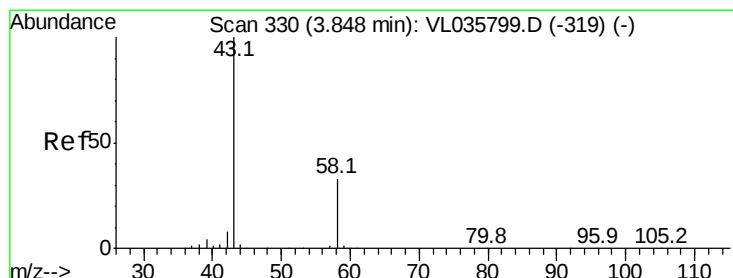
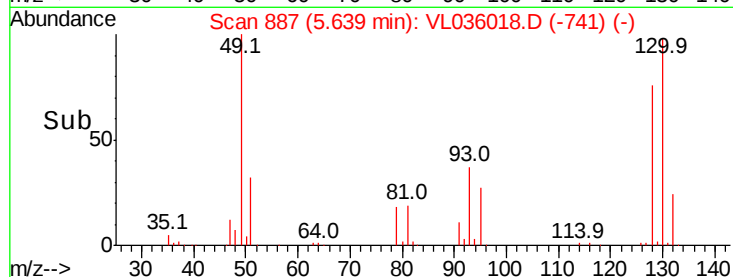
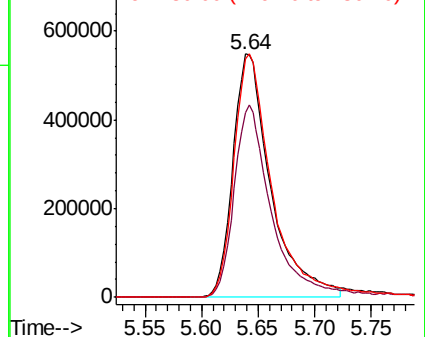
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.116 ppbv m

RT: 3.86 min Scan# 333

Delta R.T. 0.01 min

Lab File: VL036018.D

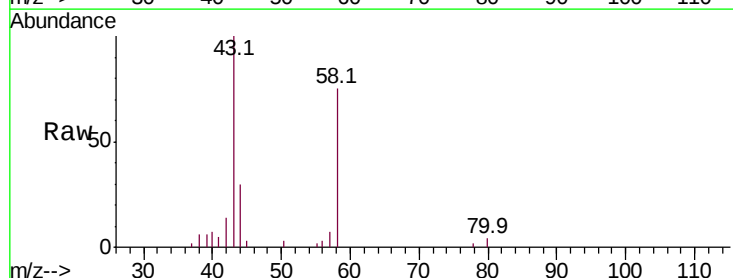
Acq: 25 Nov 2020 6:47

Tgt Ion: 43 Resp: 15928

Ion Ratio Lower Upper

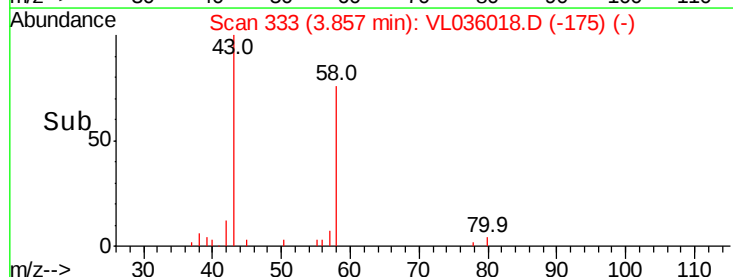
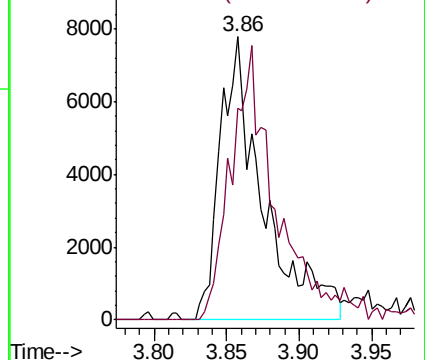
43 100

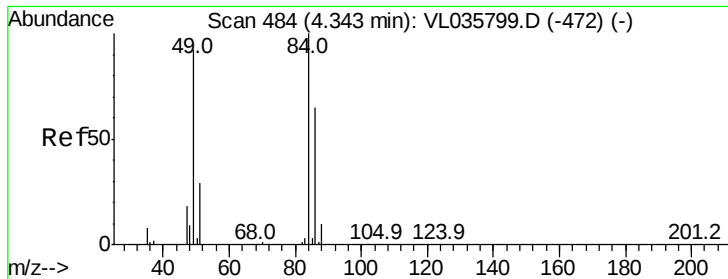
58 0.0 27.5 41.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#20

Methylene Chloride

Concen: 0.194 ppbv

RT: 4.32 min Scan# 478

Delta R.T. -0.02 min

Lab File: VL036018.D

Acq: 25 Nov 2020 6:47

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 84 Resp: 18715

Ion Ratio Lower Upper

84 100

49 86.1 73.8 110.8

51 30.5 23.0 34.4

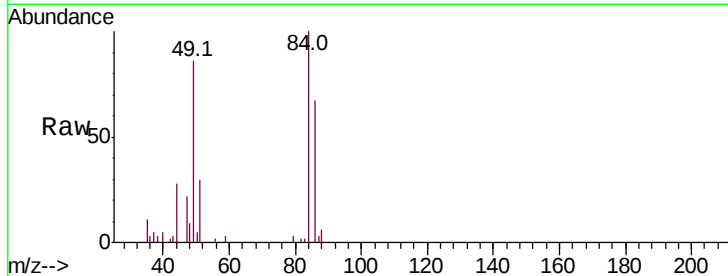
86 66.9 52.1 78.1

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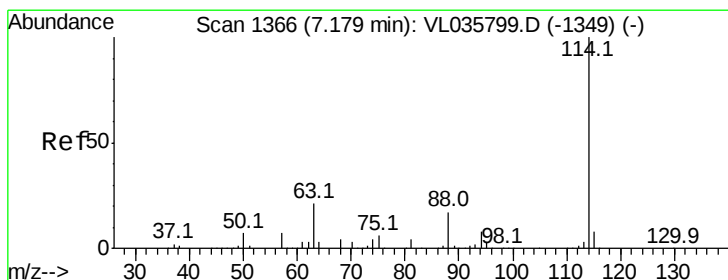
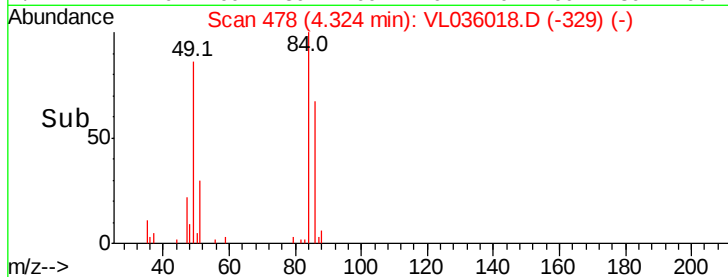
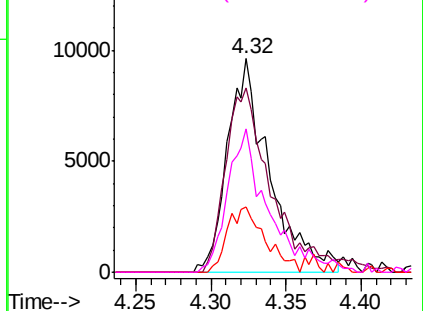
Abundance

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: 7.15 min Scan# 1356

Delta R.T. -0.03 min

Lab File: VL036018.D

Acq: 25 Nov 2020 6:47

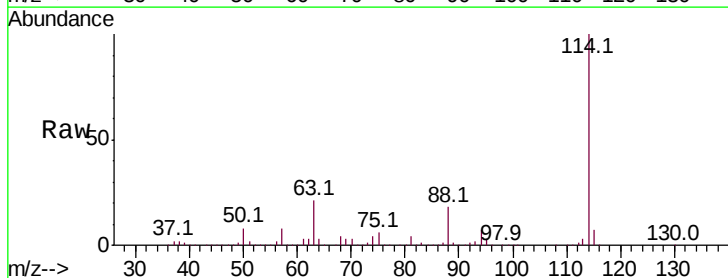
Tgt Ion: 114 Resp: 4740269

Ion Ratio Lower Upper

114 100

63 20.3 16.1 24.1

88 17.4 13.7 20.5

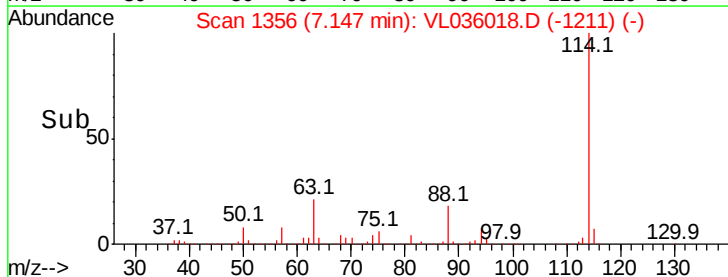
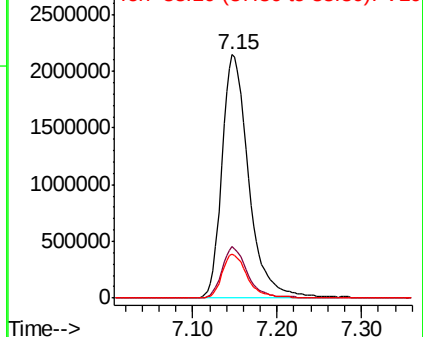


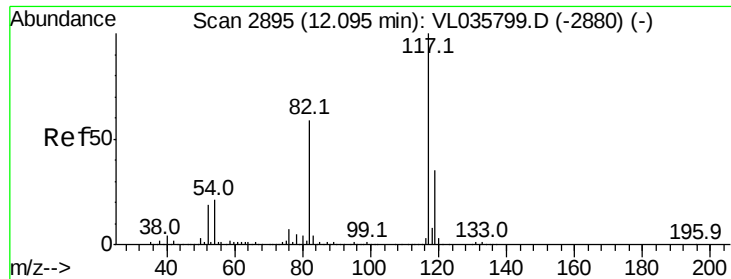
Abundance

Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





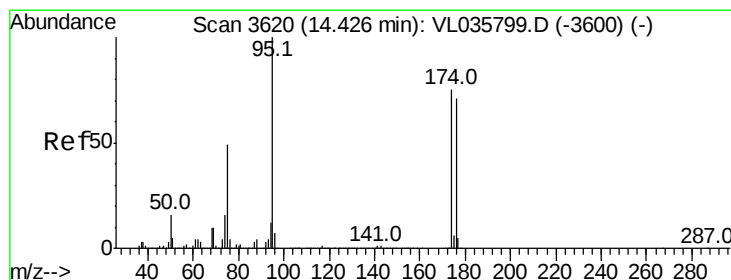
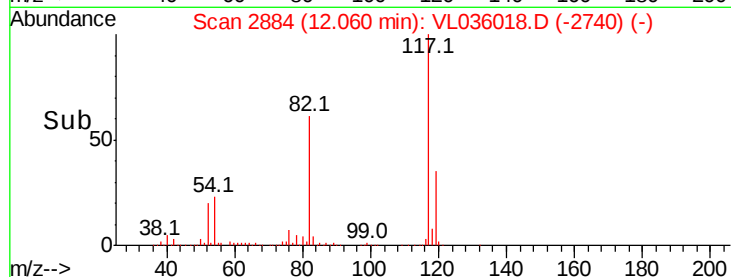
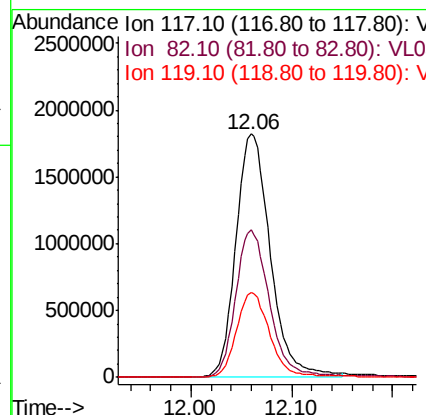
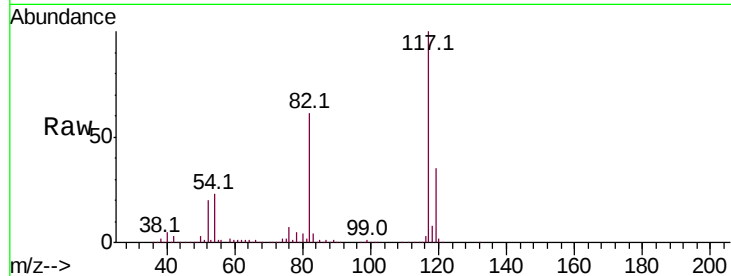
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. -0.04 min
Lab File: VL036018.D
Acq: 25 Nov 2020 6:47

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion:117 Resp: 4328824
Ion Ratio Lower Upper
117 100
82 61.0 50.6 76.0
119 34.4 52.6 78.8#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.499 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.04 min
Lab File: VL036018.D
Acq: 25 Nov 2020 6:47

Tgt Ion: 95 Resp: 3228995
Ion Ratio Lower Upper
95 100
174 72.4 59.8 89.6
175 5.1 4.3 6.5

