

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091420\
 Data File : VL035605.D
 Acq On : 14 Sep 2020 19:08
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 5:40:25 PM

Quant Time: Sep 15 07:26:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep 14 2020
 QLast Update : Mon Sep 14 15:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1070473	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4598610	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4607976	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3389780	10.36	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.34	84	15717	0.179	ppbv	93
52) Tetrachloroethene	11.23	164	12330m	0.071	ppbv	

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

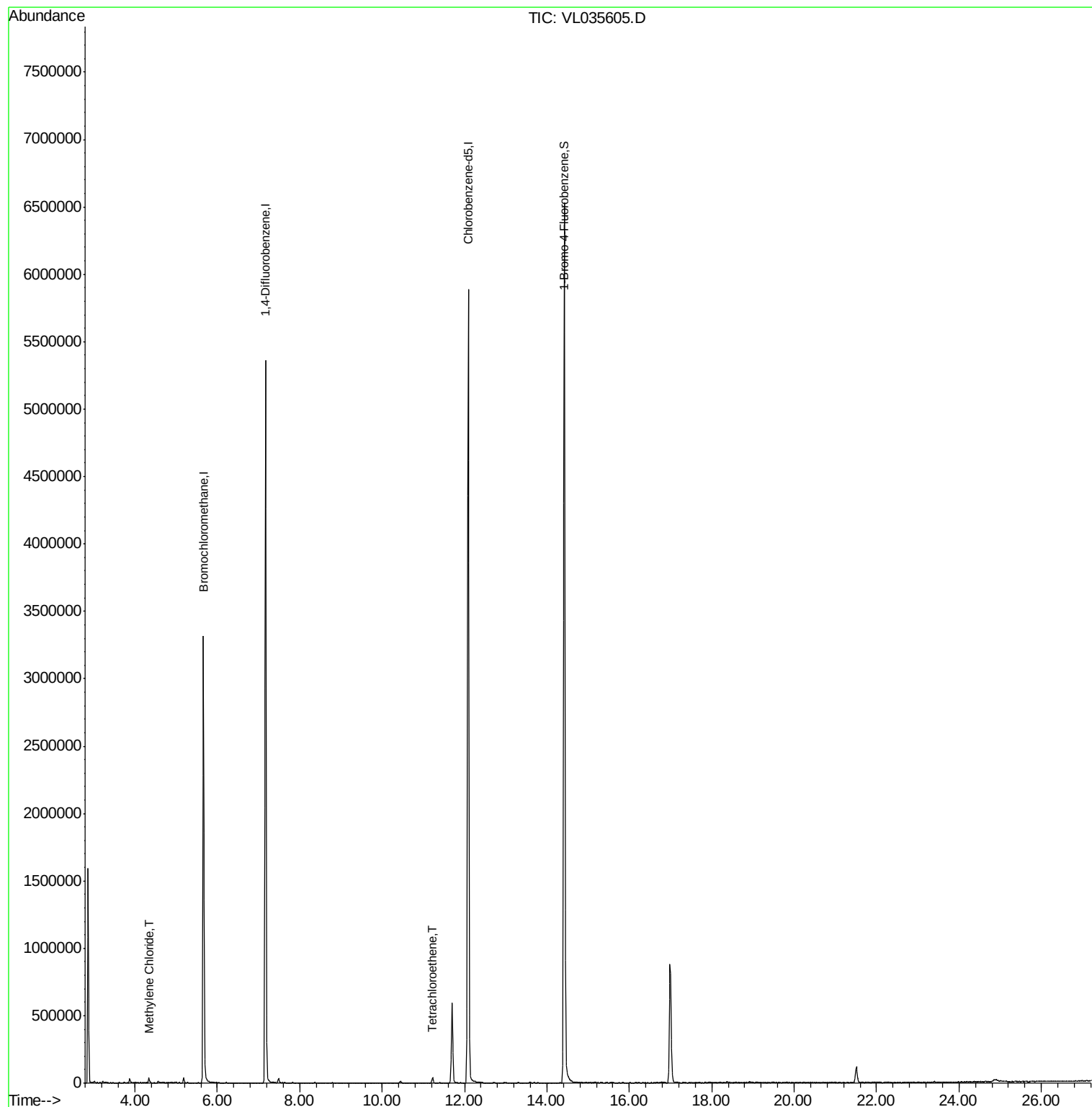
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL091420\
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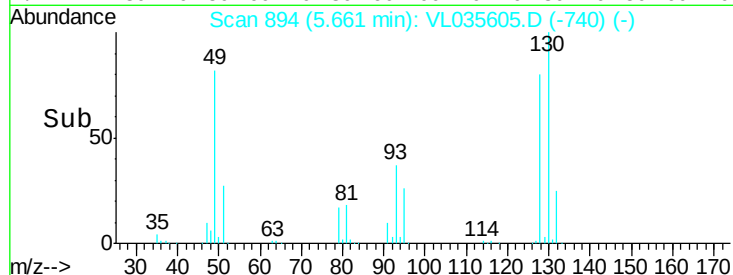
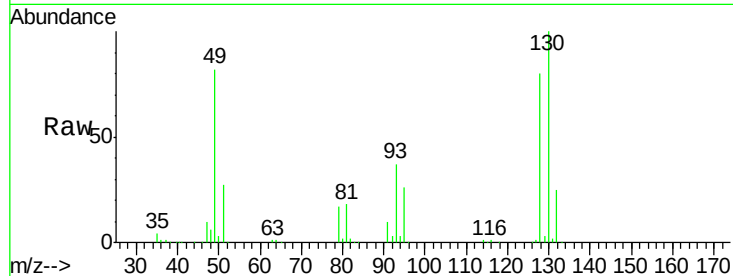
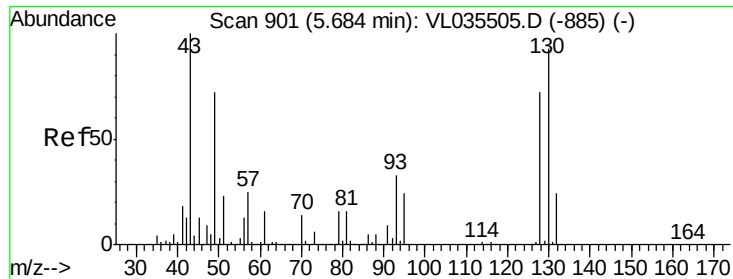
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Sep 15 07:26:21 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep
QLast Update : Mon Sep 14 15:19:50 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.00 min

Lab File: VL035605.D

Acq: 14 Sep 2020 19:08

Tot Ion: 49 Resp: 1070473

Ion Ratio Lower Upper

49 100

128 95.5 50.0 150.1

130 122.4 64.4 193.2

Instrument :

MSVOA_L

ClientSampleId :

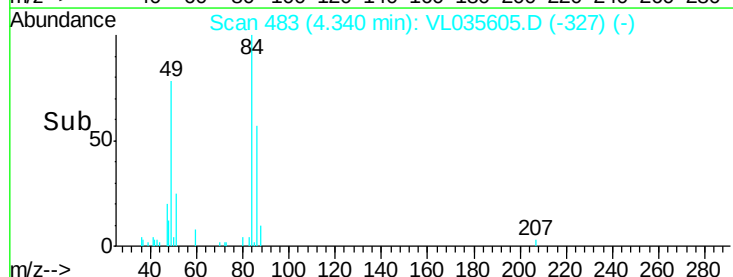
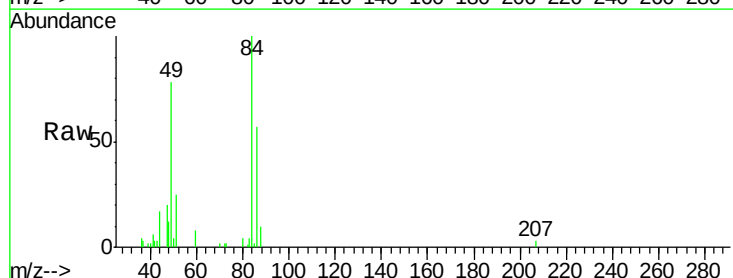
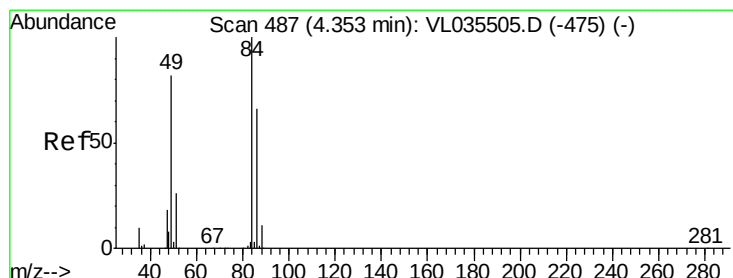
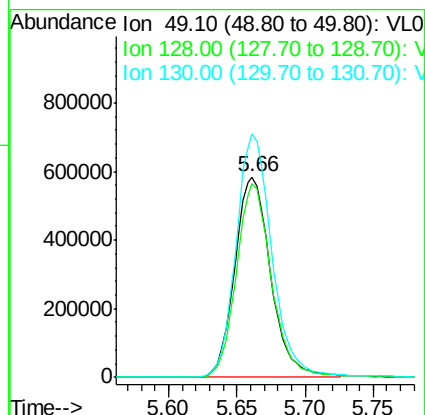
VIBLK

Manual Integrations

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#20

Methylene Chloride

Concen: 0.179 ppbv

RT: 4.34 min Scan# 483

Delta R.T. 0.00 min

Lab File: VL035605.D

Acq: 14 Sep 2020 19:08

Tgt Ion: 84 Resp: 15717

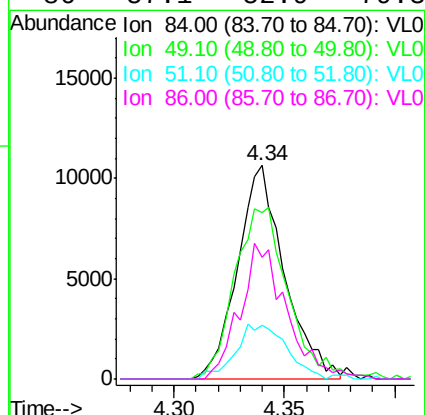
Ion Ratio Lower Upper

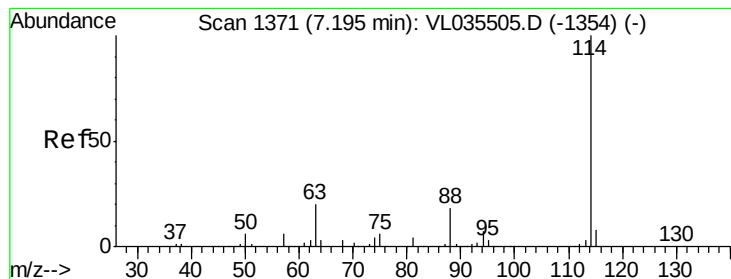
84 100

49 77.7 65.4 98.0

51 25.0 21.5 32.3

86 57.1 52.9 79.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.01 min

Lab File: VL035605.D

Acq: 14 Sep 2020 19:08

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion:114 Resp: 4598610

Ion Ratio Lower Upper

114 100

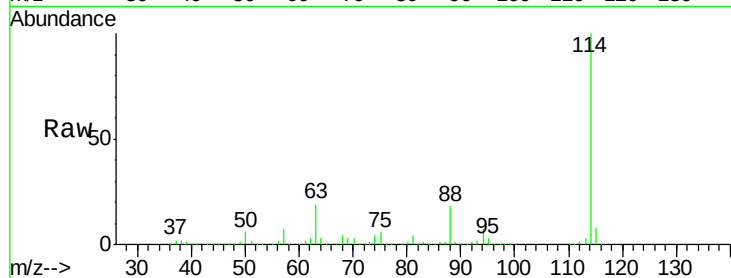
63 18.5 14.7 22.1

88 17.0 13.4 20.2

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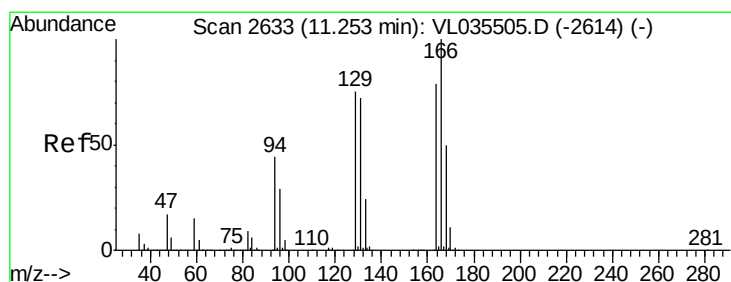
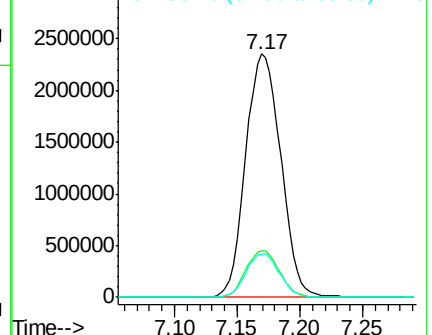
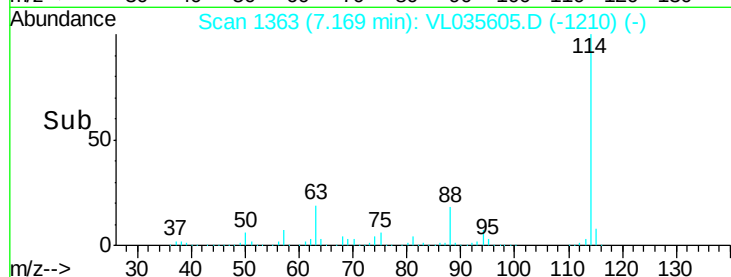
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Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#52

Tetrachloroethene

Concen: 0.071 ppbv m

RT: 11.23 min Scan# 2625

Delta R.T. -0.00 min

Lab File: VL035605.D

Acq: 14 Sep 2020 19:08

Tgt Ion:164 Resp: 12330

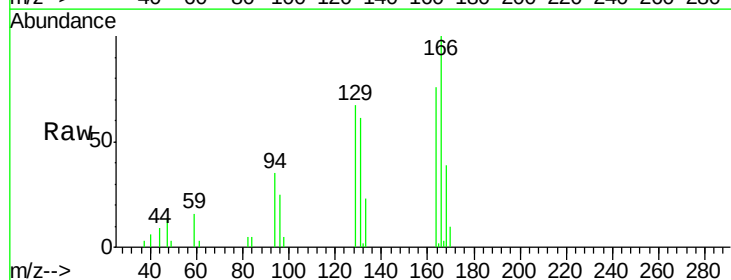
Ion Ratio Lower Upper

164 100

166 130.8 100.9 151.3

129 87.1 75.3 112.9

131 80.3 73.0 109.4

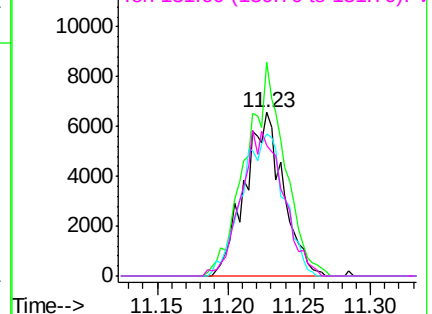
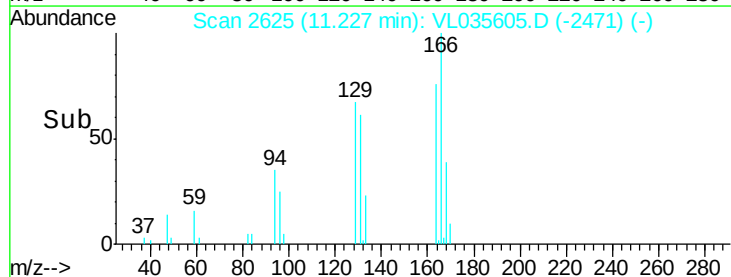


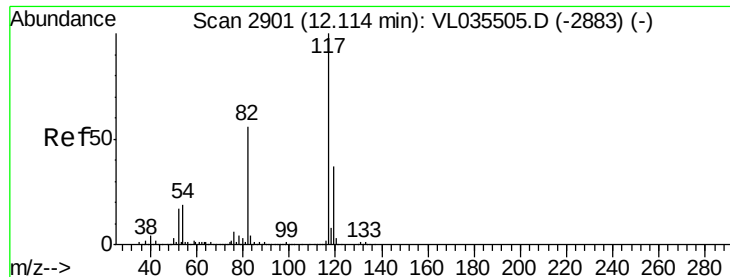
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V





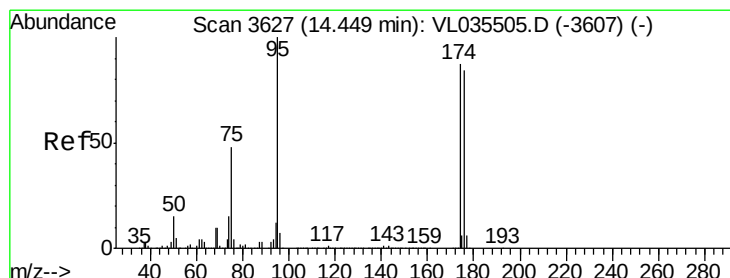
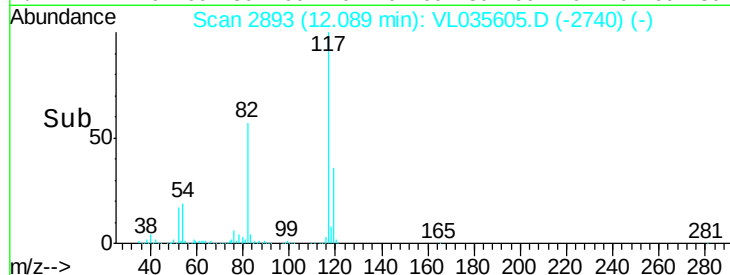
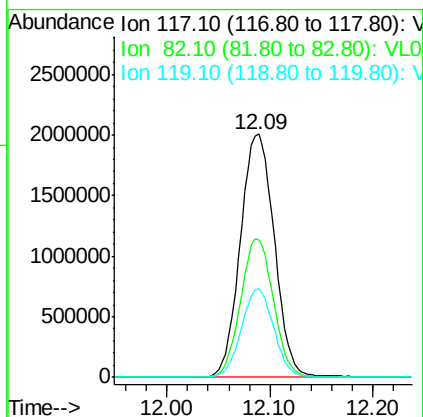
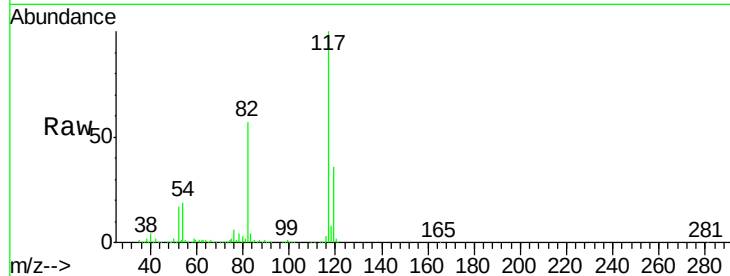
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL035605.D
Acq: 14 Sep 2020 19:08

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion:117 Resp: 4607976
Ion Ratio Lower Upper
117 100
82 55.4 41.6 62.4
119 34.9 29.3 43.9

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.359 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. -0.01 min
Lab File: VL035605.D
Acq: 14 Sep 2020 19:08

Tgt Ion: 95 Resp: 3389780
Ion Ratio Lower Upper
95 100
174 80.5 69.6 104.4
175 5.7 5.1 7.7

