

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091420\
 Data File : VL035602.D
 Acq On : 14 Sep 2020 17:14
 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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 9/17/2020 5:40:11 PM

Quant Time: Sep 15 07:15:35 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 15:19:50 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	1094710	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4641410	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4654437	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	3429649	10.38	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.80%
Target Compounds						
20) Methylene Chloride	4.34	84	15130	0.168	ppbv	Ovalue # 83
52) Tetrachloroethene	11.22	164	15756m	0.090	ppbv	

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

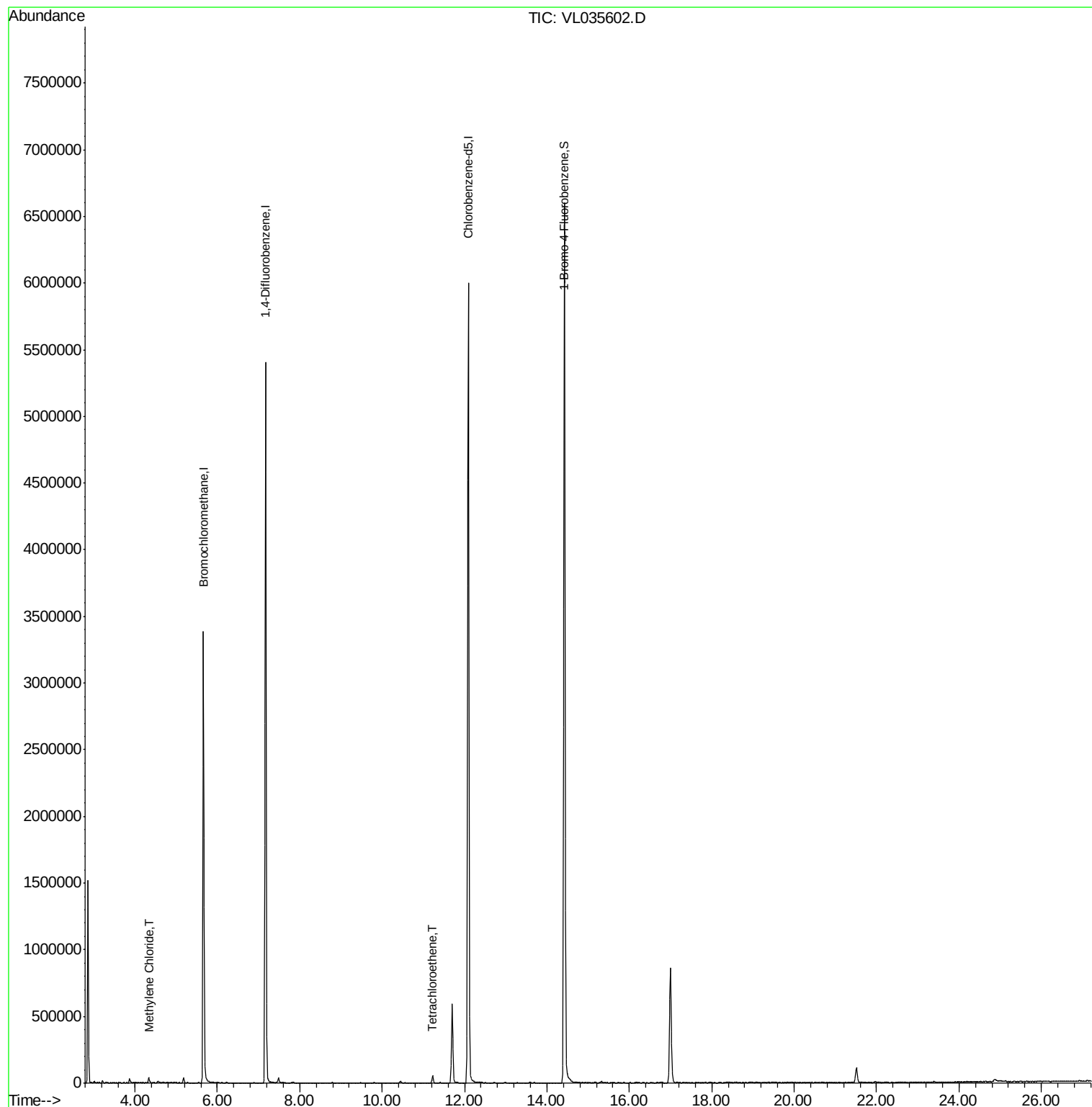
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL091420\
Data File : VL035602.D
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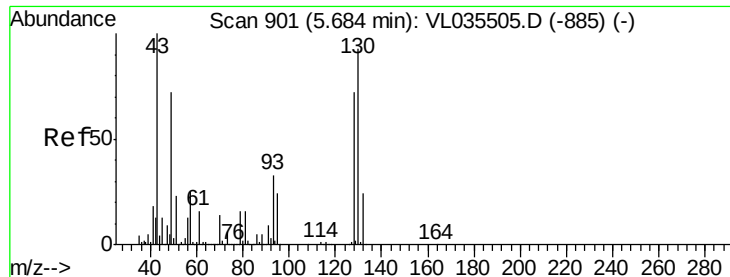
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Quant Time: Sep 15 07:15:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep
QLast Update : Mon Sep 14 15:19:50 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.00 min

Lab File: VL035602.D

Acq: 14 Sep 2020 17:14

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 49 Resp: 1094710

Ion Ratio Lower Upper

49 100

128 93.5 50.0 150.1

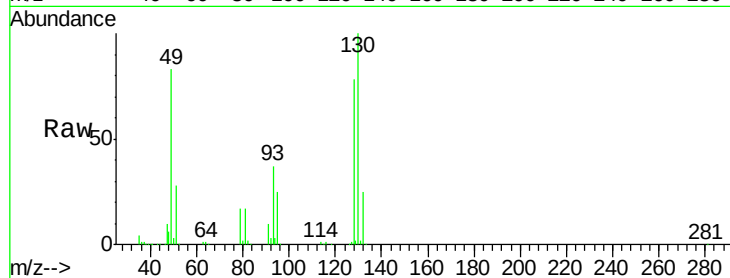
130 121.8 64.4 193.2

Manual Integrations

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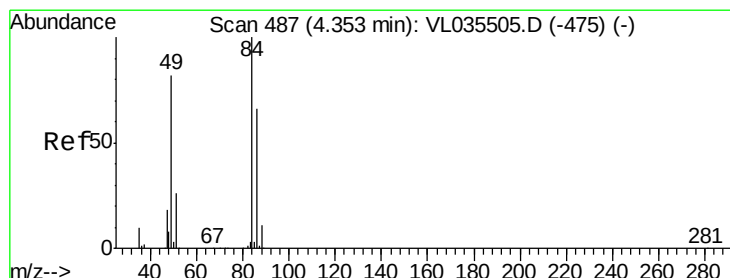
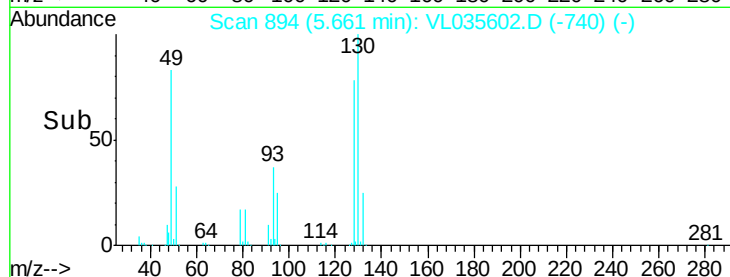
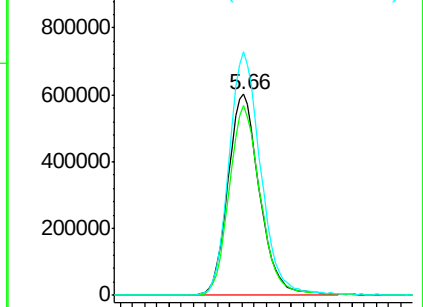
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#20

Methylene Chloride

Concen: 0.168 ppbv

RT: 4.34 min Scan# 482

Delta R.T. -0.00 min

Lab File: VL035602.D

Acq: 14 Sep 2020 17:14

Tgt Ion: 84 Resp: 15130

Ion Ratio Lower Upper

84 100

49 104.3 65.4 98.0#

51 29.3 21.5 32.3

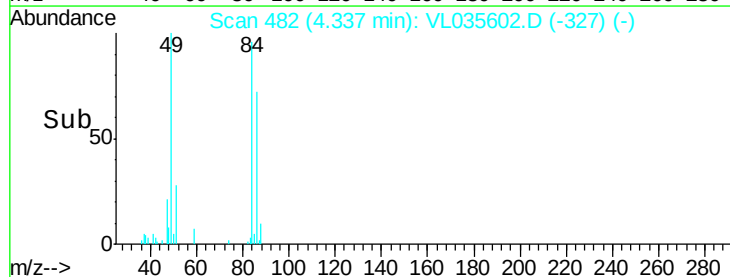
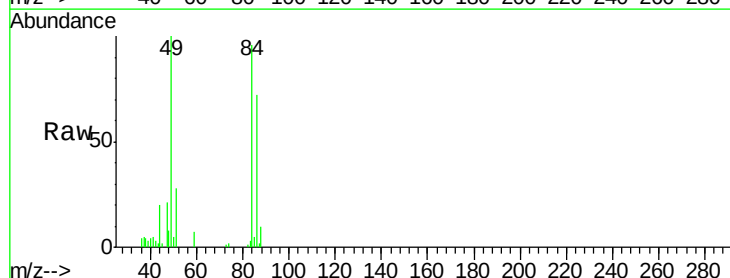
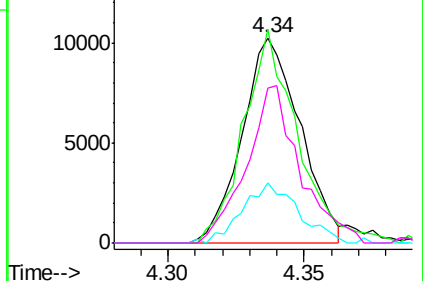
86 75.6 52.9 79.3

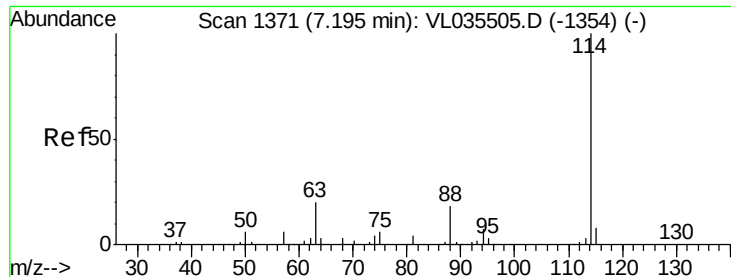
Abundance Ion 84.00 (83.70 to 84.70): VL0

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





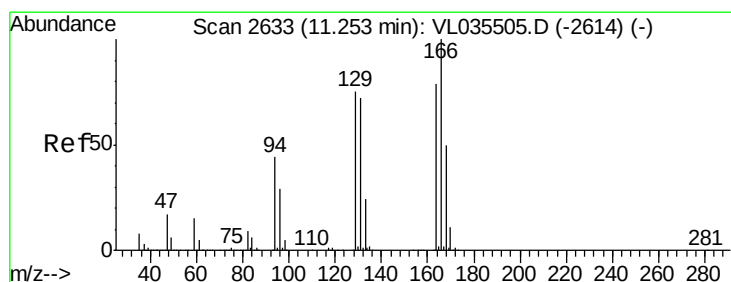
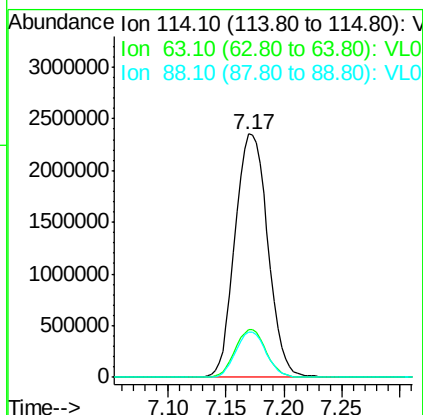
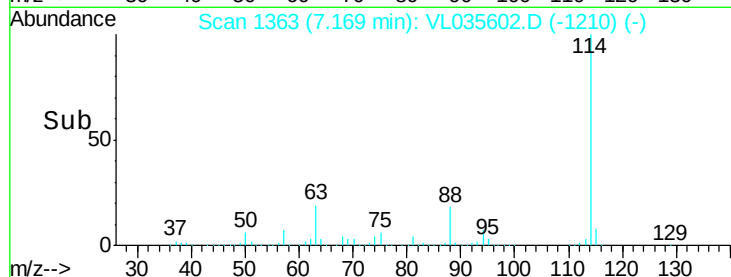
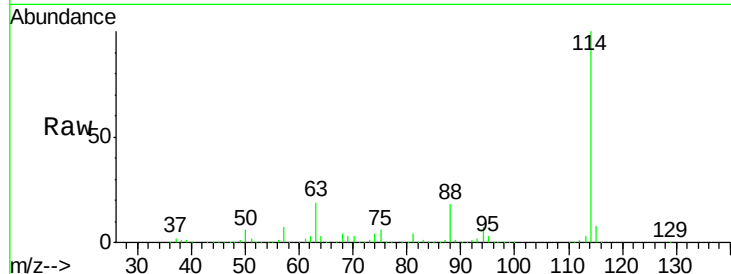
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL035602.D
Acq: 14 Sep 2020 17:14

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion:114 Resp: 4641410
Ion Ratio Lower Upper
114 100
63 18.5 14.7 22.1
88 17.2 13.4 20.2

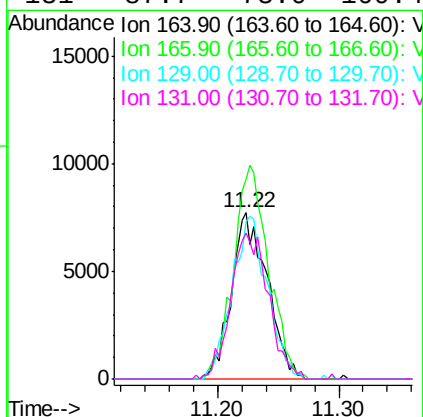
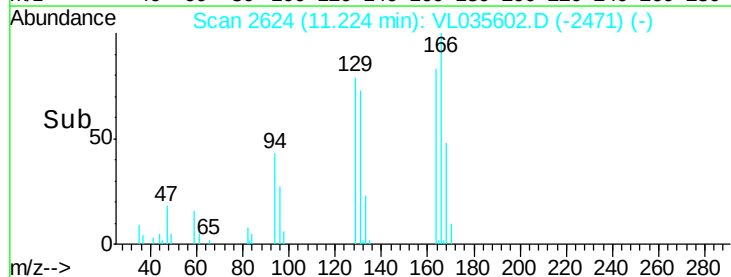
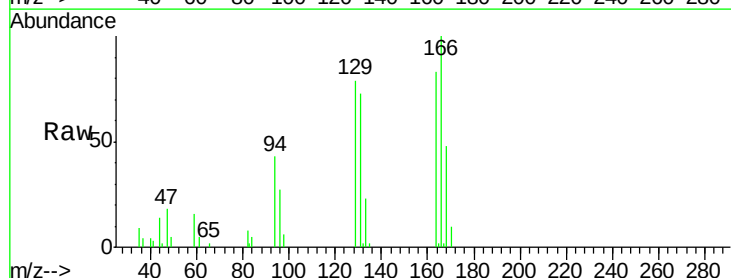
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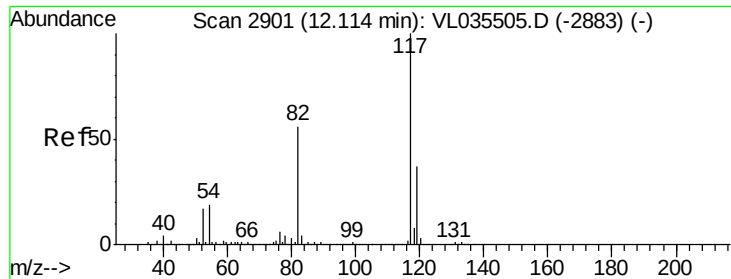
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#52
Tetrachloroethene
Concen: 0.090 ppbv m
RT: 11.22 min Scan# 2624
Delta R.T. -0.01 min
Lab File: VL035602.D
Acq: 14 Sep 2020 17:14

Tgt Ion:164 Resp: 15756
Ion Ratio Lower Upper
164 100
166 120.0 100.9 151.3
129 94.7 75.3 112.9
131 87.7 73.0 109.4





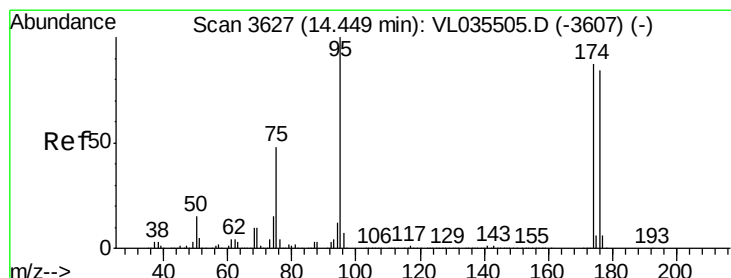
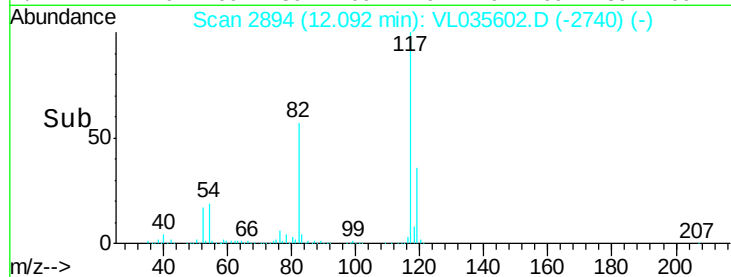
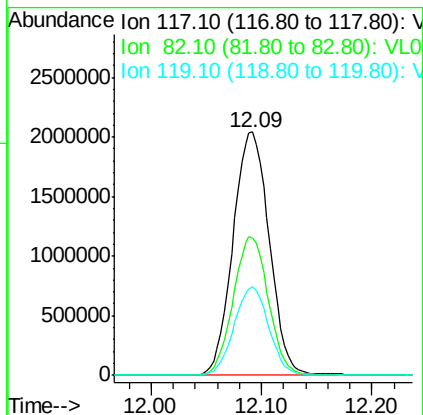
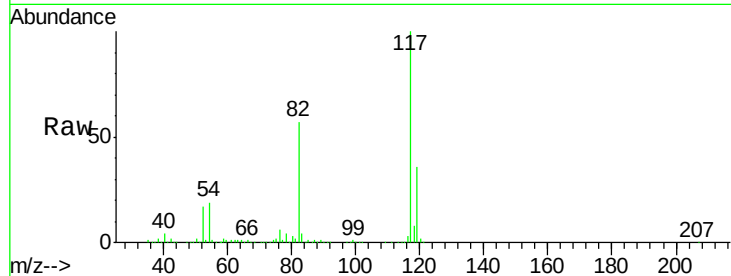
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. -0.00 min
Lab File: VL035602.D
Acq: 14 Sep 2020 17:14

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion: 117 Resp: 4654437
Ion Ratio Lower Upper
117 100
82 55.6 41.6 62.4
119 35.0 29.3 43.9

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.376 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL035602.D
Acq: 14 Sep 2020 17:14

Tgt Ion: 95 Resp: 3429649
Ion Ratio Lower Upper
95 100
174 80.9 69.6 104.4
175 5.9 5.1 7.7

