

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070620\
 Data File : VL035144.D
 Acq On : 6 Jul 2020 12:09
 Operator : SY/AP
 Sample : VL0706ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0706ABL01

Manual Integrations
 APPROVED

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 7/9/2020 12:00:28 PM

Quant Time: Jul 07 05:26:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Sat Jun 20 02:10:36 2020
 QLast Update : Sat Jun 20 02:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1074826	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2557412	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2467092	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2114377	10.32	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.83	43	37267	0.287	ppbv	# 49
20) Methylene Chloride	4.32	84	21674m	0.412	ppbv	

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

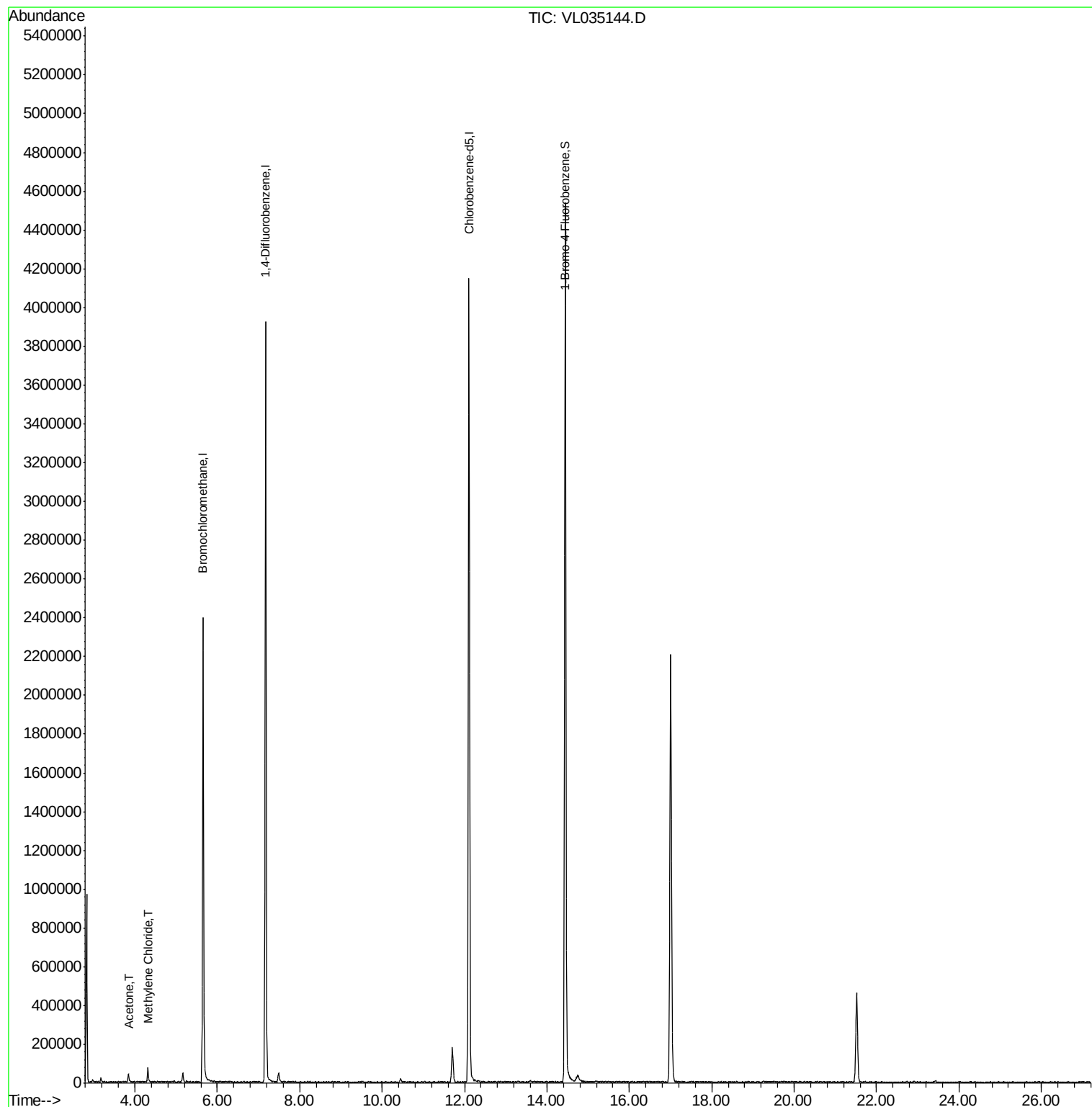
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL070620\
Data File : VL035144.D
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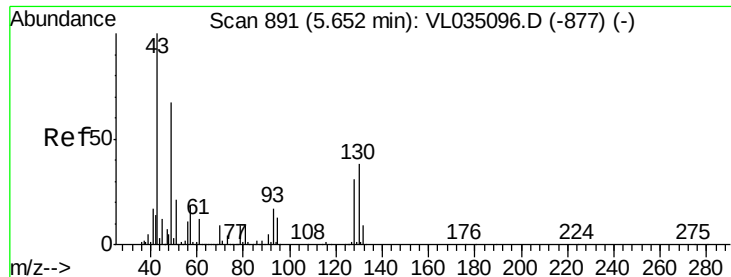
Instrument :
MSVOA_L
ClientSampleId :
VL0706ABL01

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Quant Time: Jul 07 05:26:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sat Jun
QLast Update : Sat Jun 20 02:10:36 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.00 min

Lab File: VL035144.D

Acq: 6 Jul 2020 12:09

Instrument :

MSVOA_L

ClientSampleId :

VL0706ABL01

Tot Ion: 49 Resp: 1074826

Ion Ratio Lower Upper

49 100

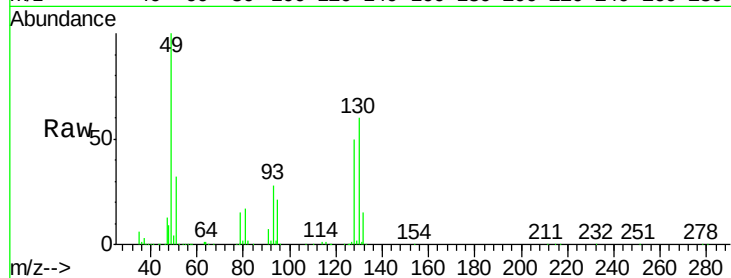
128 49.3 22.9 68.5

130 61.8 29.0 87.0

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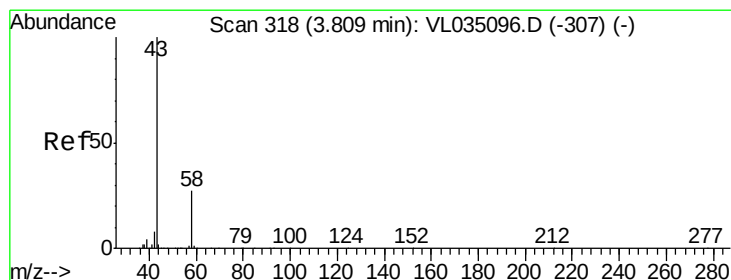
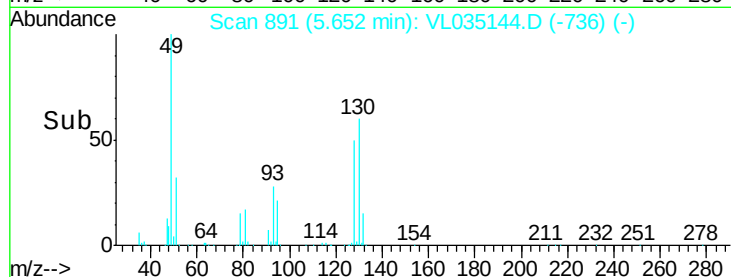
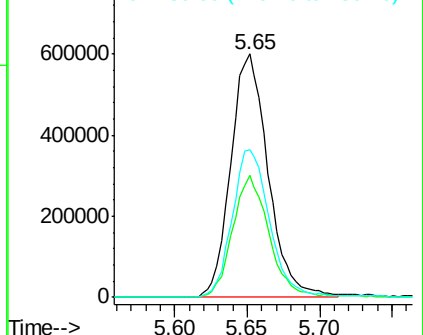
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.287 ppbv

RT: 3.83 min Scan# 326

Delta R.T. 0.03 min

Lab File: VL035144.D

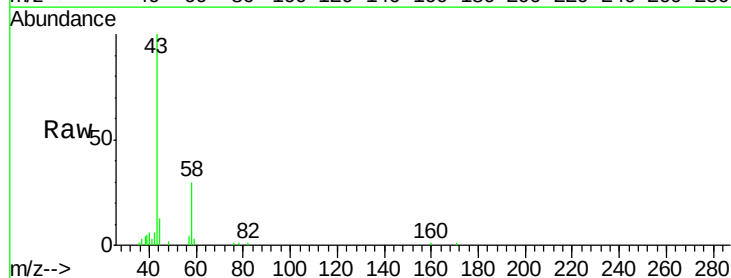
Acq: 6 Jul 2020 12:09

Tgt Ion: 43 Resp: 37267

Ion Ratio Lower Upper

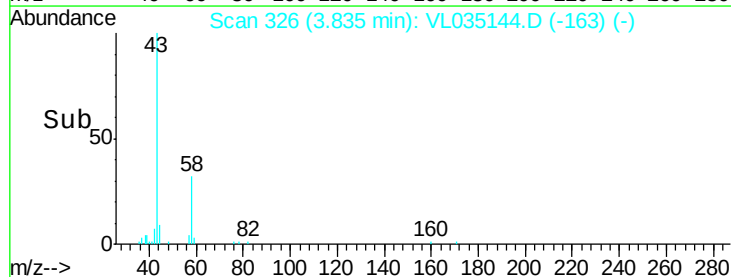
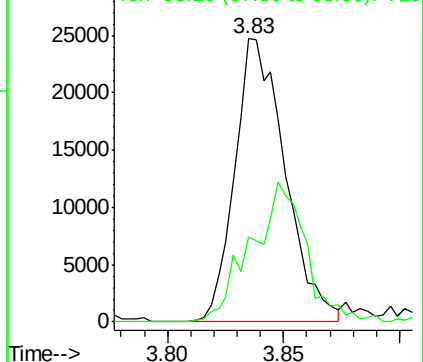
43 100

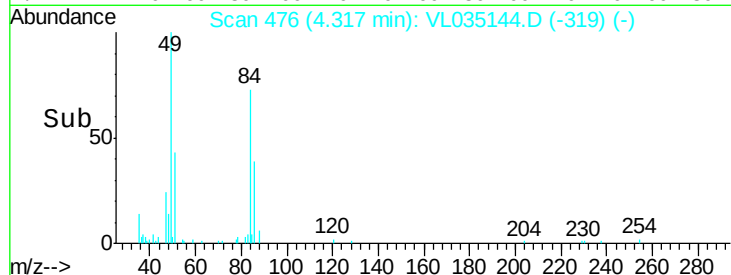
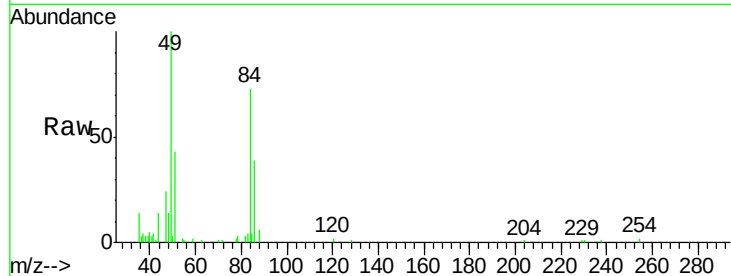
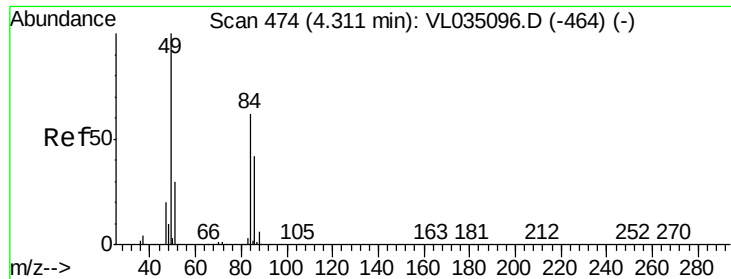
58 53.8 21.8 32.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





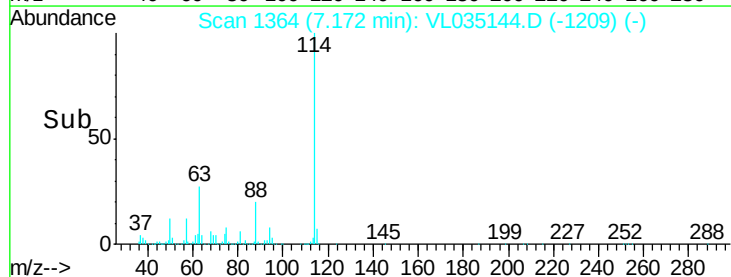
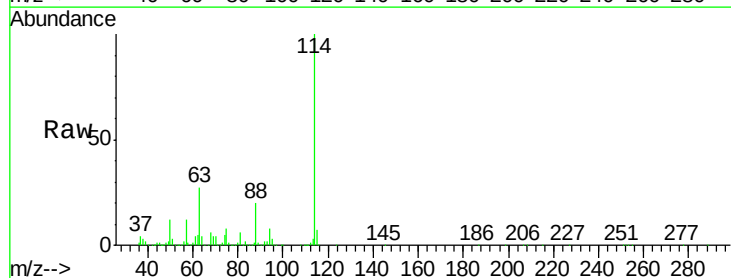
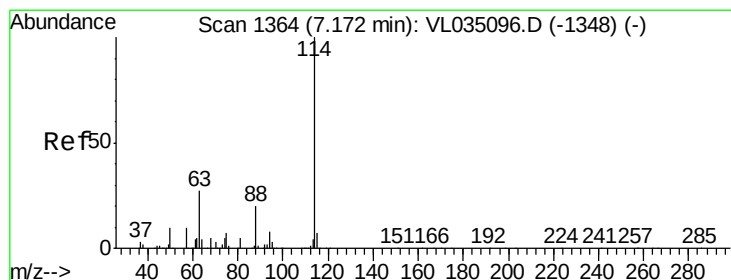
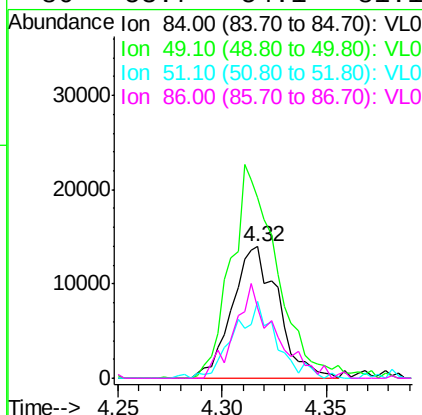
#20
Methylene Chloride
Concen: 0.412 ppbv
RT: 4.32 min Scan# 476
Delta R.T. 0.01 min
Lab File: VL035144.D
Acq: 6 Jul 2020 12:09

Tot Ion	84	Resp	21674
Ion	Ratio	Lower	Upper
84	100		
49	137.5	128.8	193.2
51	58.5	38.7	58.1#
86	53.7	54.1	81.1#

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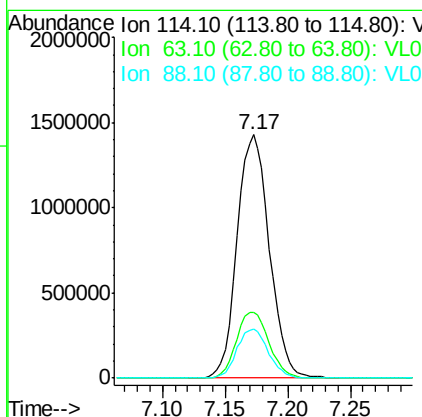
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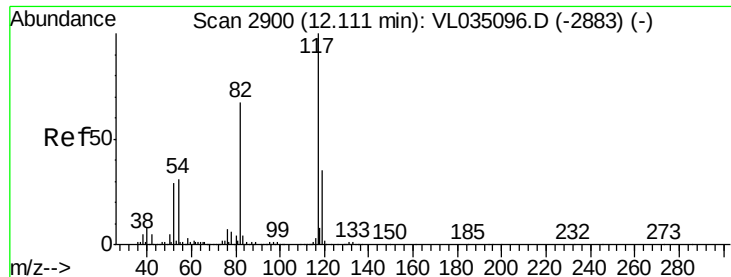
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.00 min
Lab File: VL035144.D
Acq: 6 Jul 2020 12:09

Tgt Ion	114	Resp	2557412
Ion	Ratio	Lower	Upper
114	100		
63	27.5	21.9	32.9
88	19.7	15.6	23.4





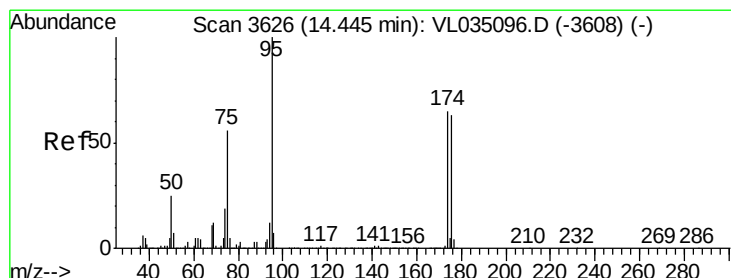
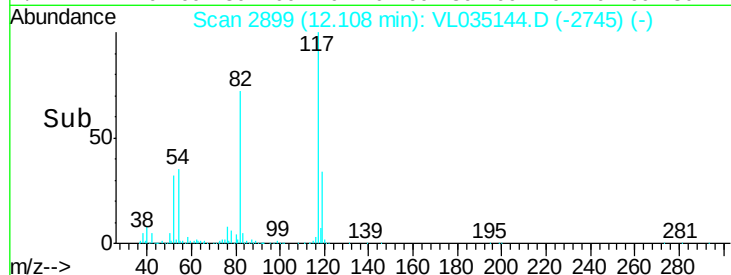
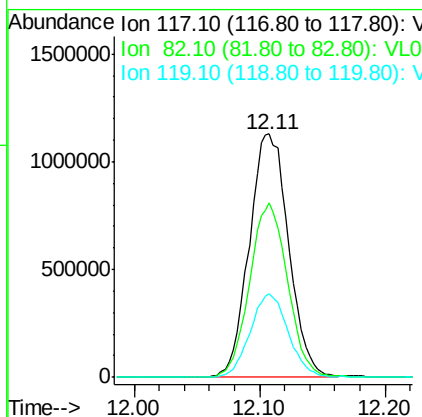
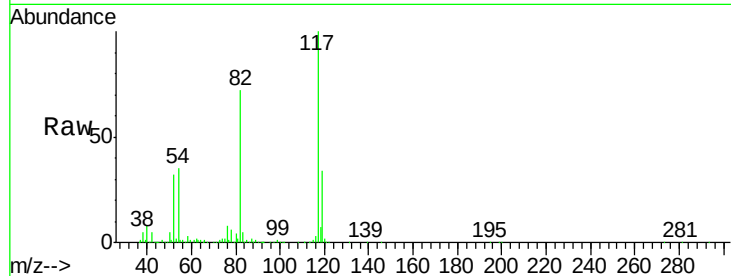
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VL035144.D
Acq: 6 Jul 2020 12:09

Instrument :
MSVOA_L
ClientSampleId :
VL0706ABL01

Tot Ion: 117 Resp: 2467092
Ion Ratio Lower Upper
117 100
82 69.5 50.4 75.6
119 33.4 25.4 38.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.317 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.00 min
Lab File: VL035144.D
Acq: 6 Jul 2020 12:09

Tgt Ion: 95 Resp: 2114377
Ion Ratio Lower Upper
95 100
174 64.2 52.2 78.2
175 4.7 4.0 6.0

