

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120720\
 Data File : VL036072.D
 Acq On : 7 Dec 2020 19:11
 Operator : SY/AP
 Sample : VL1207ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1207ABL01

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:53:28 AM

Quant Time: Dec 08 08:51:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 0
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1280211	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2857617	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2594479	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2133453	10.36	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.88	43	33751m	0.219	ppbv	
20) Methylene Chloride	4.36	84	11794m	0.187	ppbv	

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

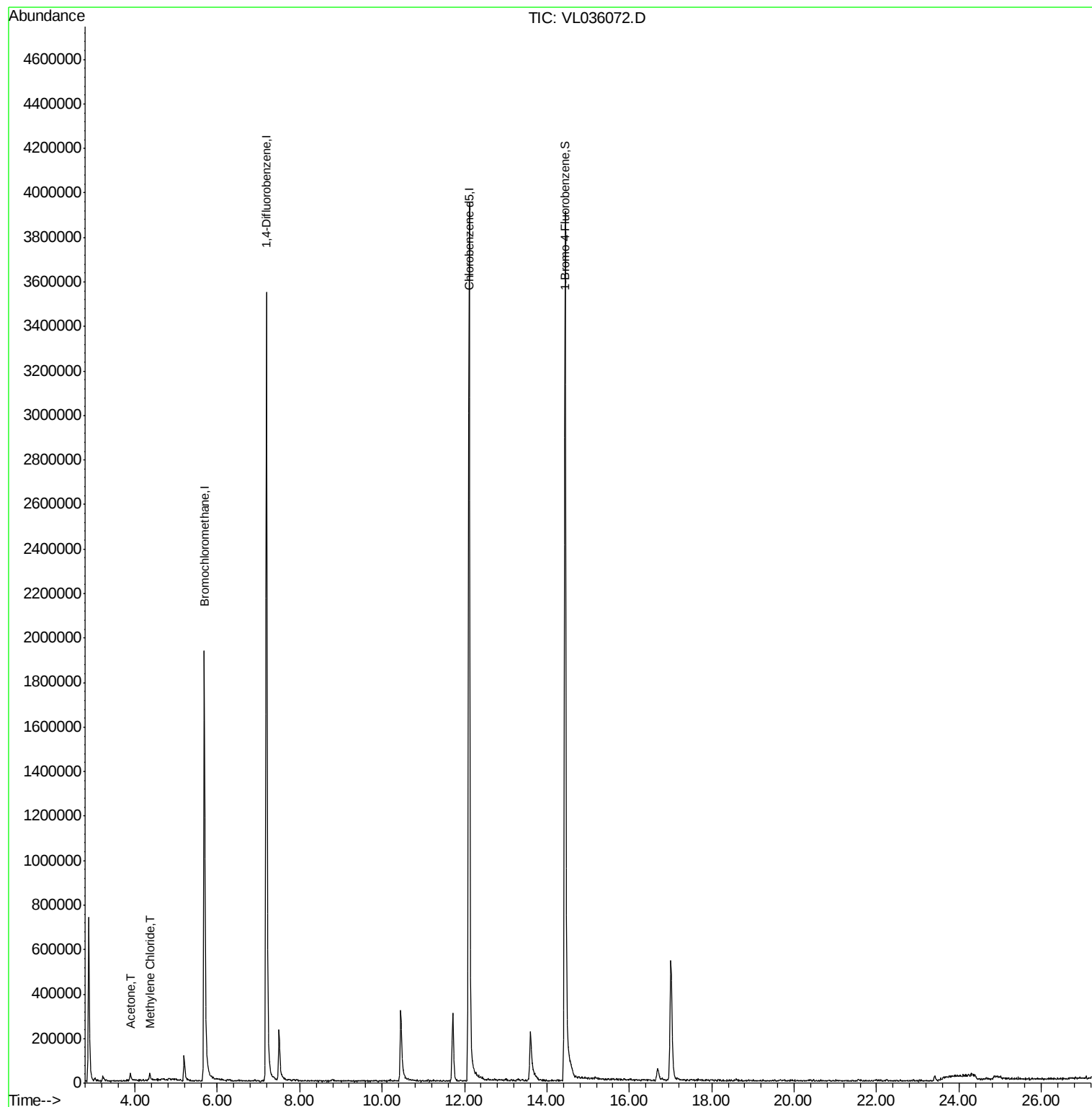
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL120720\
Data File : VL036072.D
Acq On : 7 Dec 2020 19:11
Operator : SY/AP
Sample : VL1207ABL01
Misc : 400ml/MSVOA L
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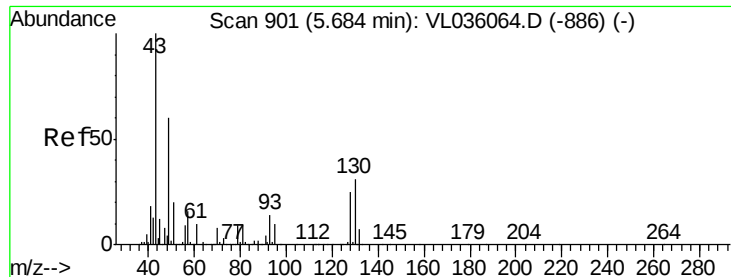
Instrument :
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Quant Time: Dec 08 08:51:43 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. 0.00 min

Lab File: VL036072.D

Acq: 7 Dec 2020 19:11

Instrument :

MSVOA_L

ClientSampleId :

VL1207ABL01

Tot Ion: 49 Resp: 1280211

Ion Ratio Lower Upper

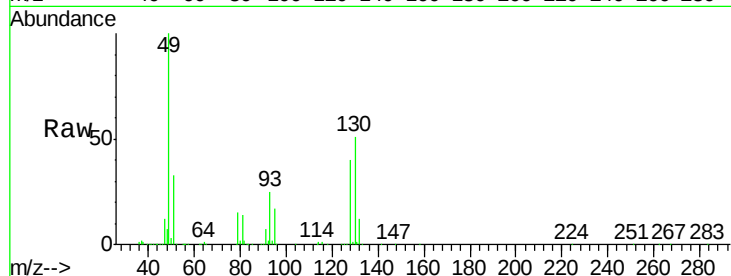
49 100

128 39.7 21.1 63.1

130 52.0 27.1 81.3

Manual Integrations
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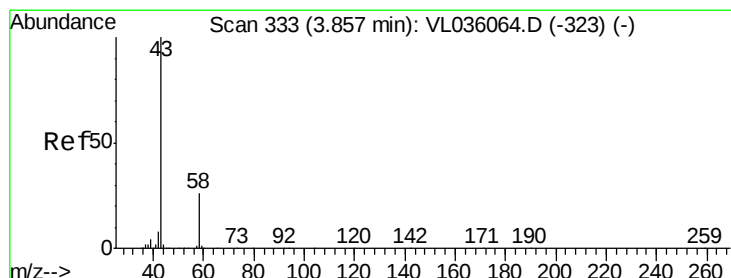
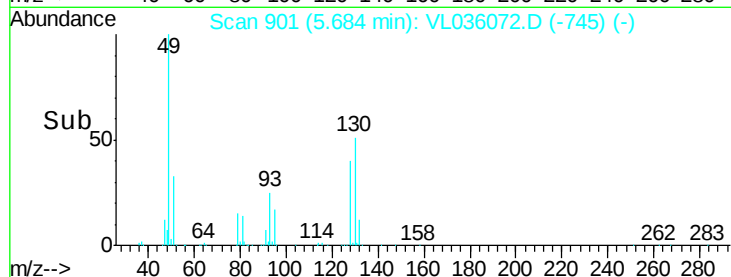
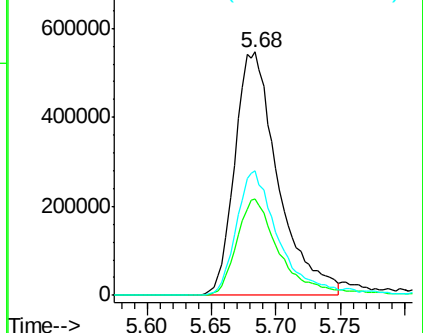
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.219 ppbv m

RT: 3.88 min Scan# 341

Delta R.T. 0.03 min

Lab File: VL036072.D

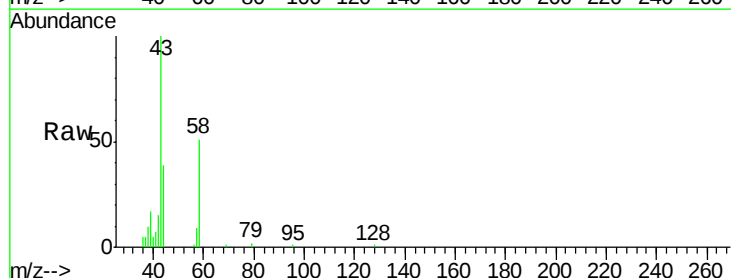
Acq: 7 Dec 2020 19:11

Tgt Ion: 43 Resp: 33751

Ion Ratio Lower Upper

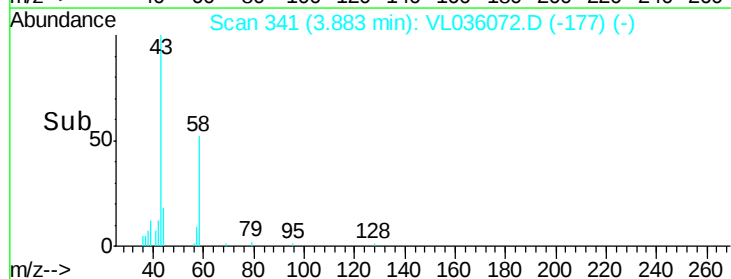
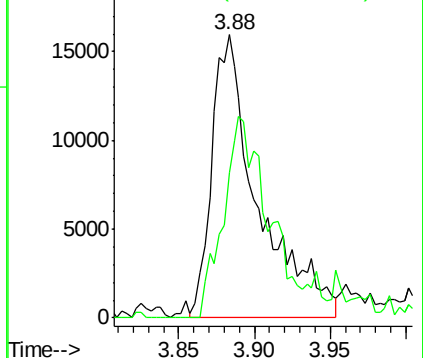
43 100

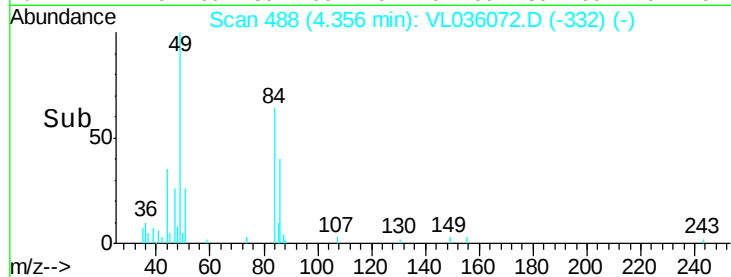
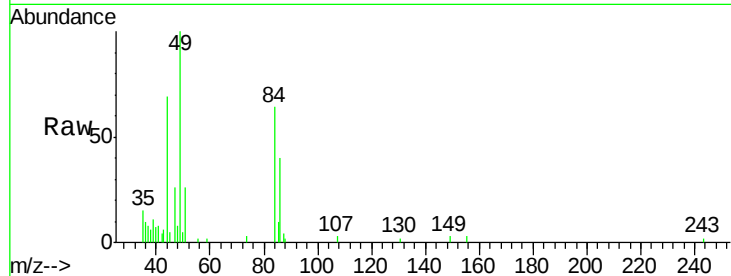
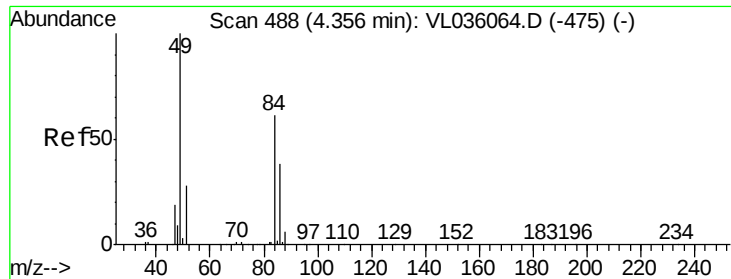
58 0.0 20.9 31.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





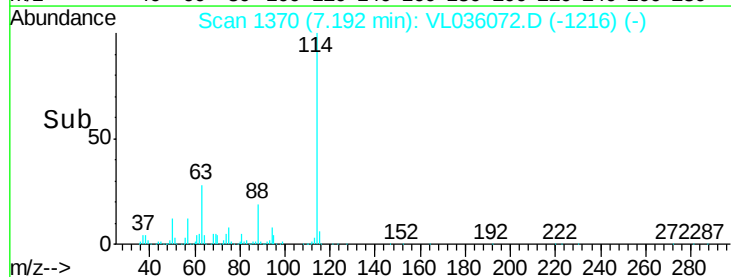
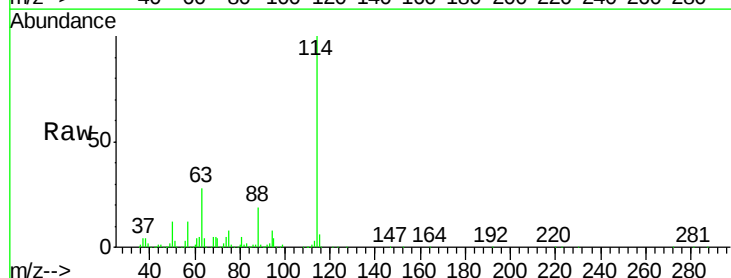
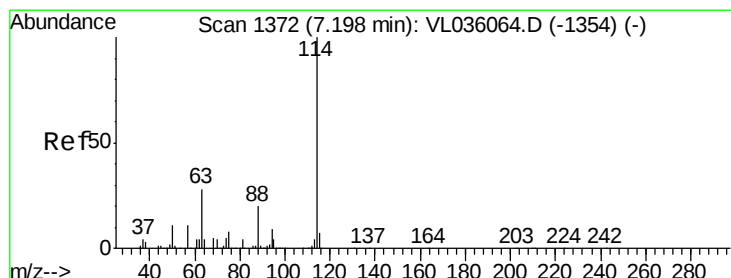
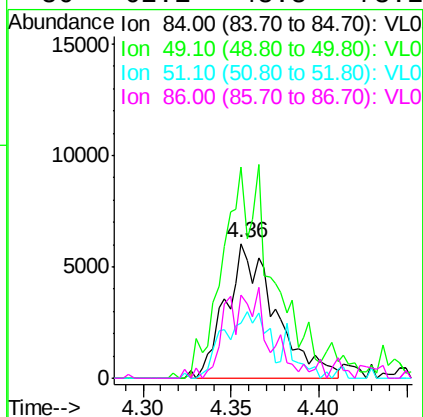
#20
Methvlene Chloride
Concen: 0.187 ppbv m
RT: 4.36 min Scan# 488
Delta R.T. 0.00 min
Lab File: VL036072.D
Acq: 7 Dec 2020 19:11

Tot Ion	Ratio	Lower	Upper
84	100		
49	157.1	133.0	199.4
51	40.6	38.9	58.3
86	62.1	48.8	73.2

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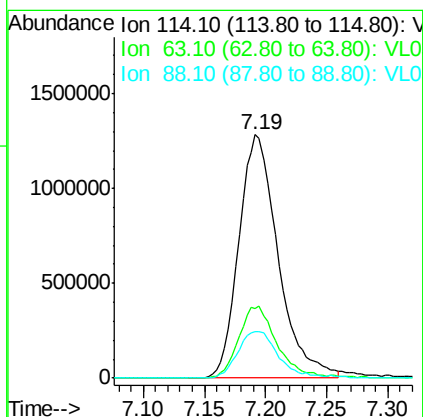
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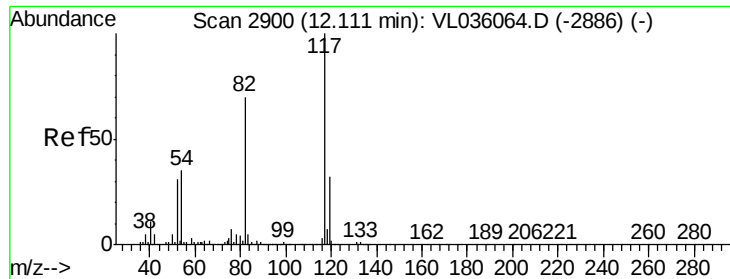
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. -0.01 min
Lab File: VL036072.D
Acq: 7 Dec 2020 19:11

Tgt Ion	Ratio	Lower	Upper
114	100		
63	29.5	23.6	35.4
88	20.2	15.8	23.6





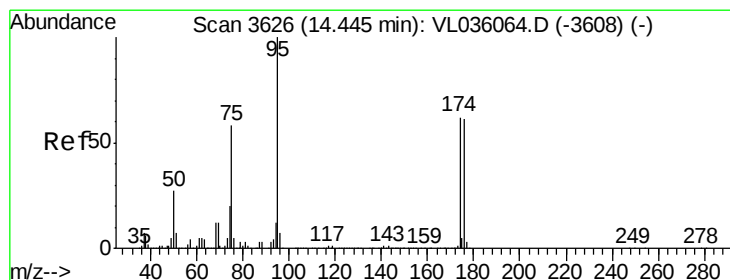
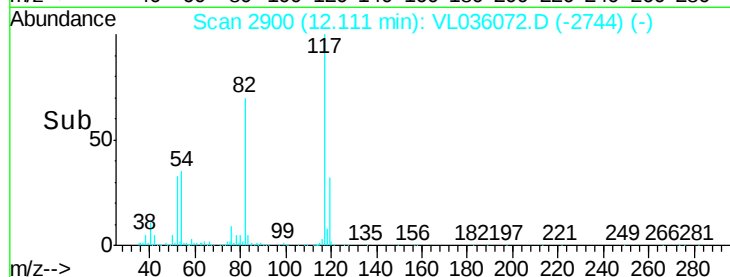
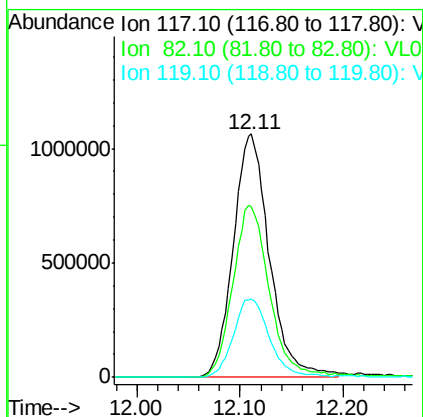
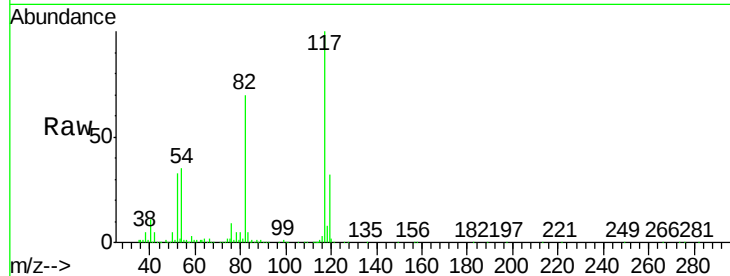
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VL036072.D
Acq: 7 Dec 2020 19:11

Instrument :
MSVOA_L
ClientSampleId :
VL1207ABL01

Tot Ion:117 Resp: 2594479
Ion Ratio Lower Upper
117 100
82 73.3 0.0 0.0#
119 32.7 0.0 0.0#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.356 ppbv
RT: 14.44 min Scan# 3624
Delta R.T. -0.01 min
Lab File: VL036072.D
Acq: 7 Dec 2020 19:11

Tgt Ion: 95 Resp: 2133453
Ion Ratio Lower Upper
95 100
174 62.2 50.7 76.1
175 4.7 4.0 6.0

