

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021021\
 Data File : VL036337.D
 Acq On : 11 Feb 2021 3:52
 Operator : SY/AP
 Sample : M1343-06DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SR-7BDL

Manual Integrations
 APPROVED

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 2/12/2021 1:42:50 PM

Quant Time: Feb 11 21:14:58 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1666876	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3622418	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3307226	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2683003	9.86	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	21650m	0.280	ppbv	
13) Ethanol	3.61	45	58159m	4.010	ppbv	

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

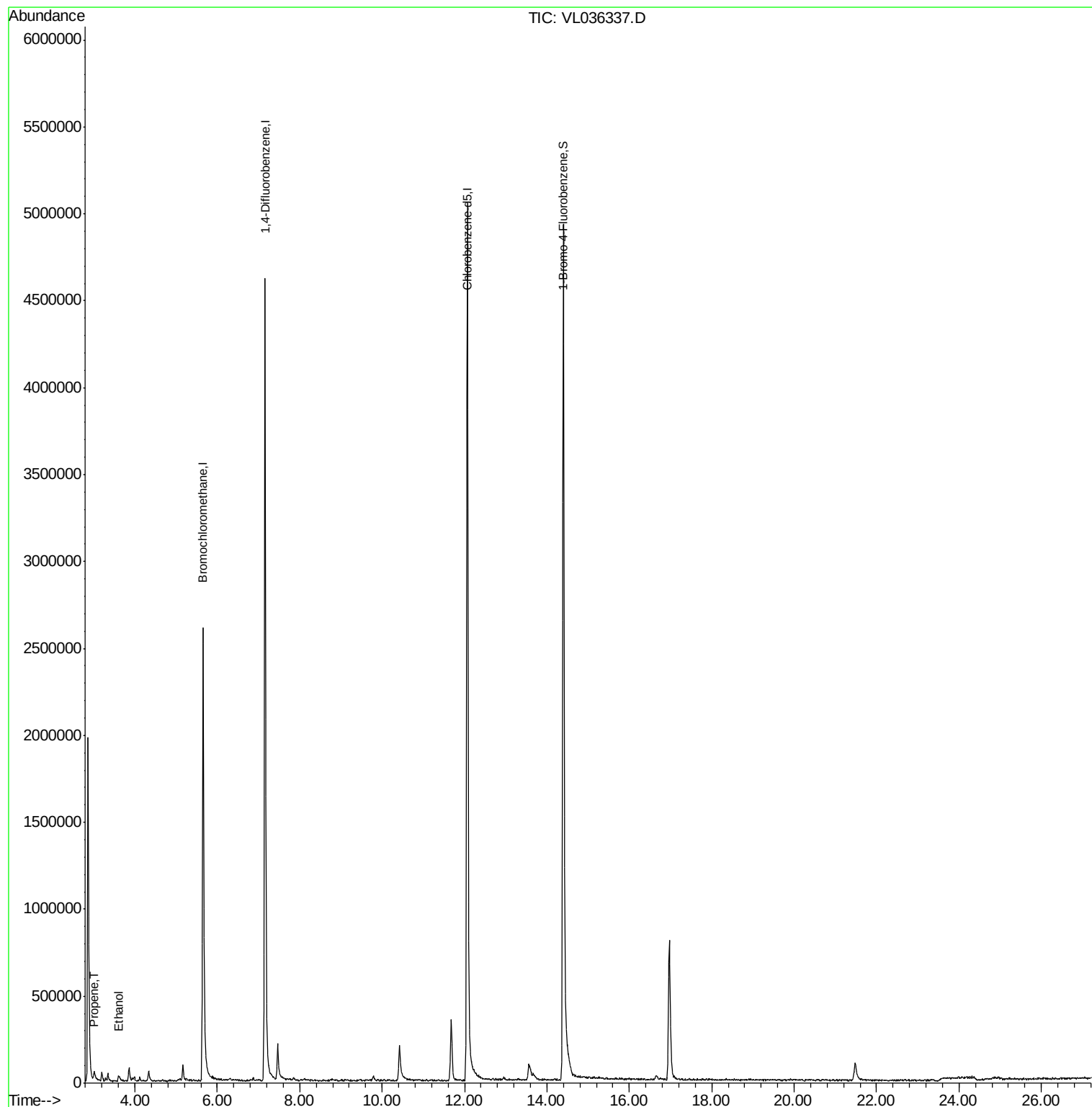
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL021021\
Data File : VL036337.D
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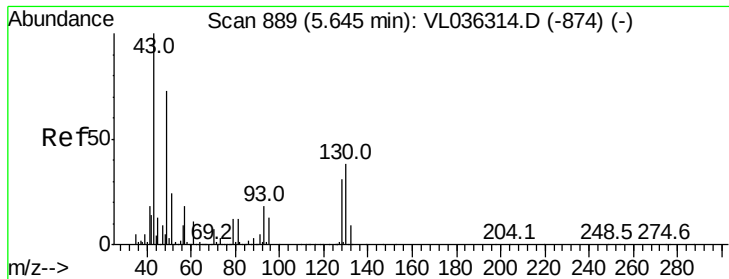
Instrument :
MSVOA_L
ClientSampleId :
SR-7BDL

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Quant Time: Feb 11 21:14:58 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb
QLast Update : Wed Feb 10 16:04:02 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. 0.00 min

Lab File: VL036337.D

Acq: 11 Feb 2021 3:52

Instrument :

MSVOA_L

ClientSampleId :

SR-7BDL

Tot Ion: 49 Resp: 1666876

Ion Ratio Lower Upper

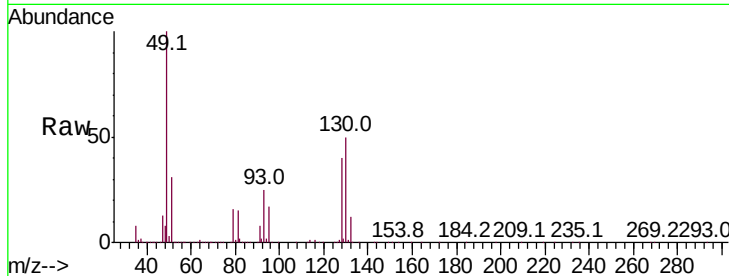
49 100

128 41.7 20.8 62.5

130 53.8 26.7 80.1

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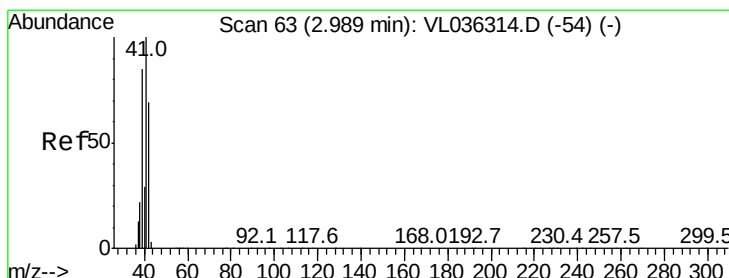
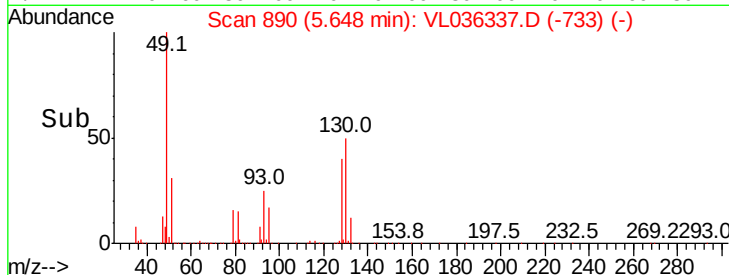
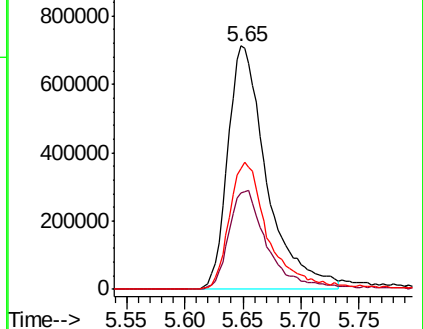
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#9

Propene

Concen: 0.280 ppbv m

RT: 3.01 min Scan# 68

Delta R.T. 0.02 min

Lab File: VL036337.D

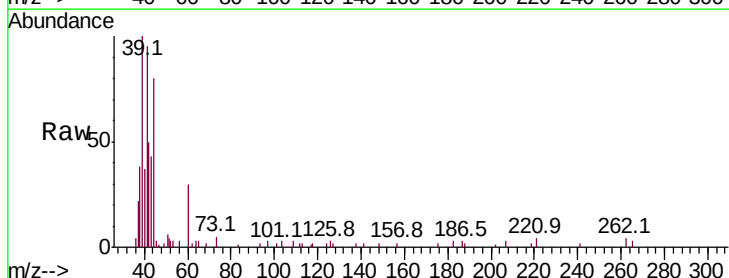
Acq: 11 Feb 2021 3:52

Tgt Ion: 41 Resp: 21650

Ion Ratio Lower Upper

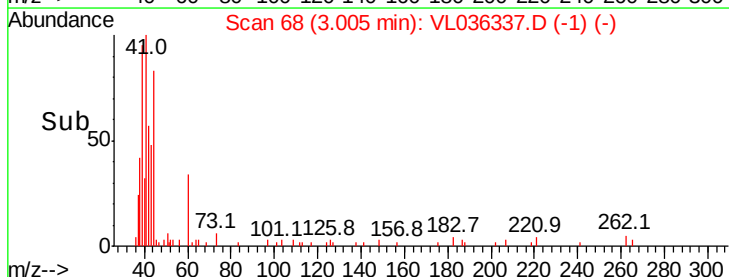
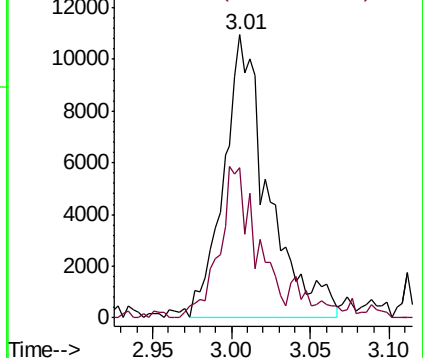
41 100

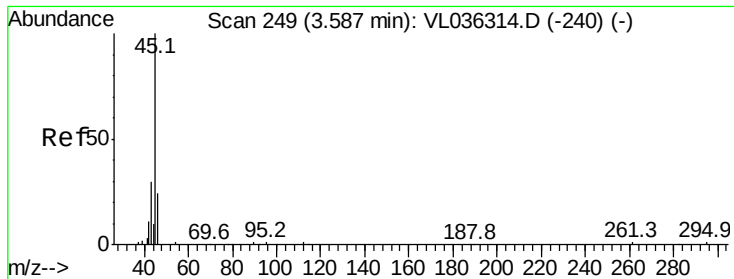
42 53.2 56.2 84.2#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





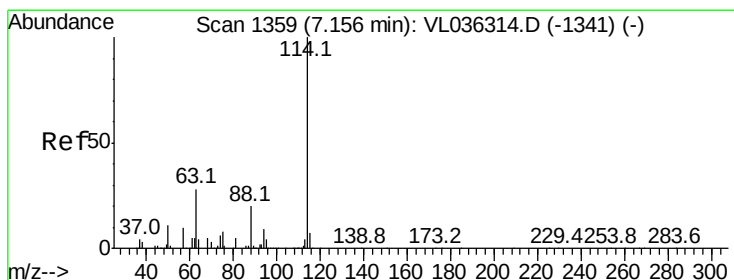
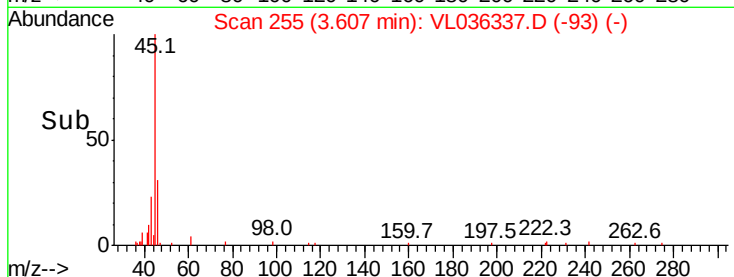
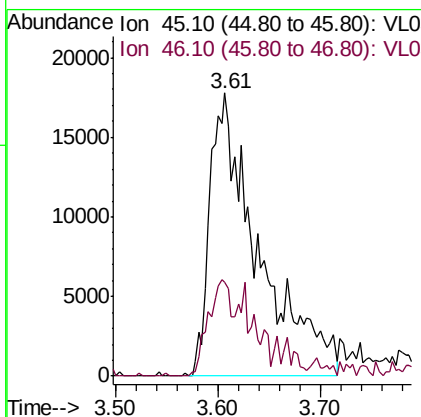
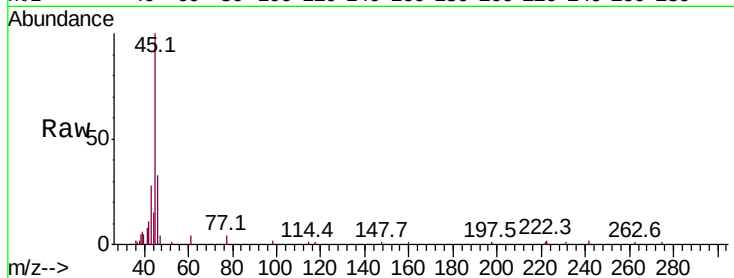
#13
Ethanol
Concen: 4.010 ppbv m
RT: 3.61 min Scan# 255
Delta R.T. 0.02 min
Lab File: VL036337.D
Acq: 11 Feb 2021 3:52

Instrument :
MSVOA_L
ClientSampleId :
SR-7BDL

Tot Ion: 45 Resp: 58159
Ion Ratio Lower Upper
45 100
46 25.5 17.7 70.7

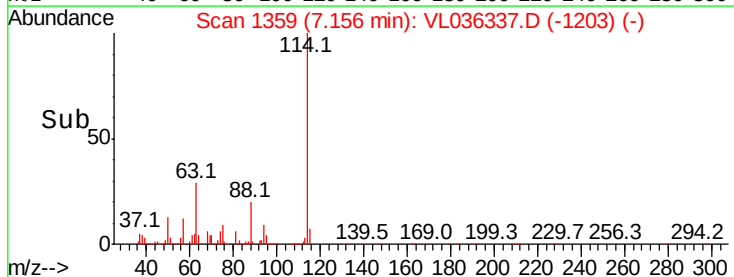
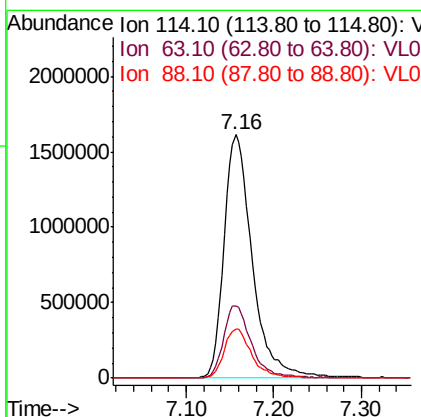
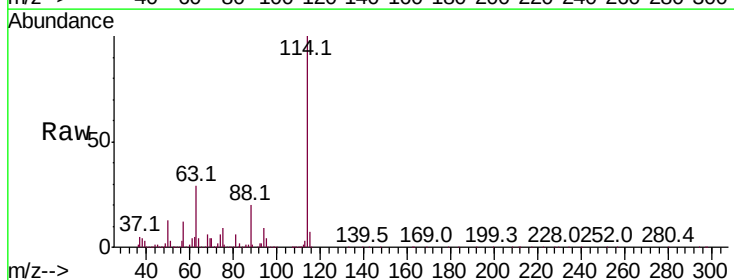
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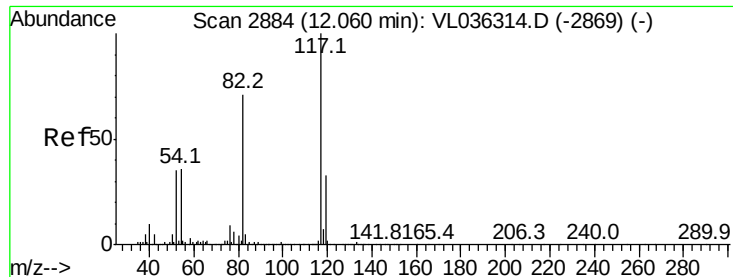
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VL036337.D
Acq: 11 Feb 2021 3:52

Tgt Ion: 114 Resp: 3622418
Ion Ratio Lower Upper
114 100
63 29.8 24.1 36.1
88 19.9 16.0 24.0





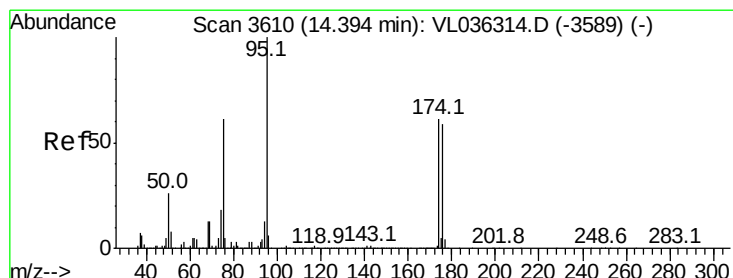
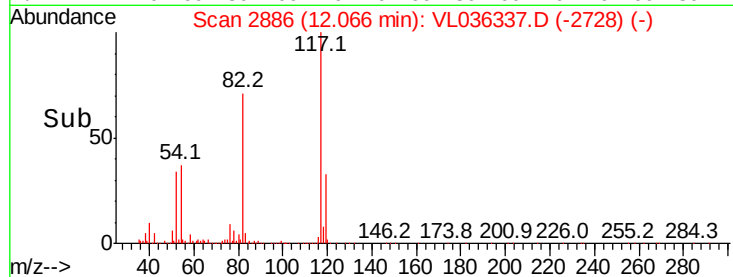
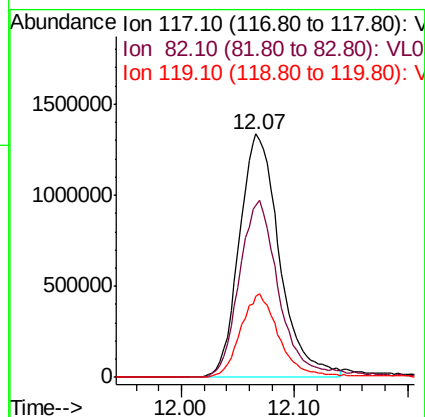
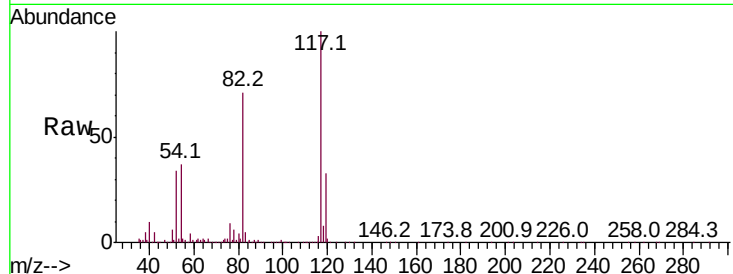
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. 0.01 min
Lab File: VL036337.D
Acq: 11 Feb 2021 3:52

Instrument :
MSVOA_L
ClientSampleId :
SR-7BDL

Tot Ion:117 Resp: 3307226
Ion Ratio Lower Upper
117 100
82 74.7 59.1 88.7
119 34.1 46.3 69.5#

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.860 ppbv
RT: 14.40 min Scan# 3611
Delta R.T. 0.00 min
Lab File: VL036337.D
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Tgt Ion: 95 Resp: 2683003
Ion Ratio Lower Upper
95 100
174 63.7 49.8 74.6
175 4.4 3.7 5.5

