

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072920\
 Data File : VL035241.D
 Acq On : 29 Jul 2020 10:44
 Operator : SY/AP
 Sample : VL0729ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0729ABL01

Manual Integrations
 APPROVED

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 7/30/2020 6:10:38 PM

Quant Time: Jul 30 03:01:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Jul 29 2020
 QLast Update : Wed Jul 29 07:14:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1324161	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3229113	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	3053072	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2438176	9.99	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	42267	0.239	ppbv	# 64
20) Methylene Chloride	4.32	84	17021m	0.212	ppbv	

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

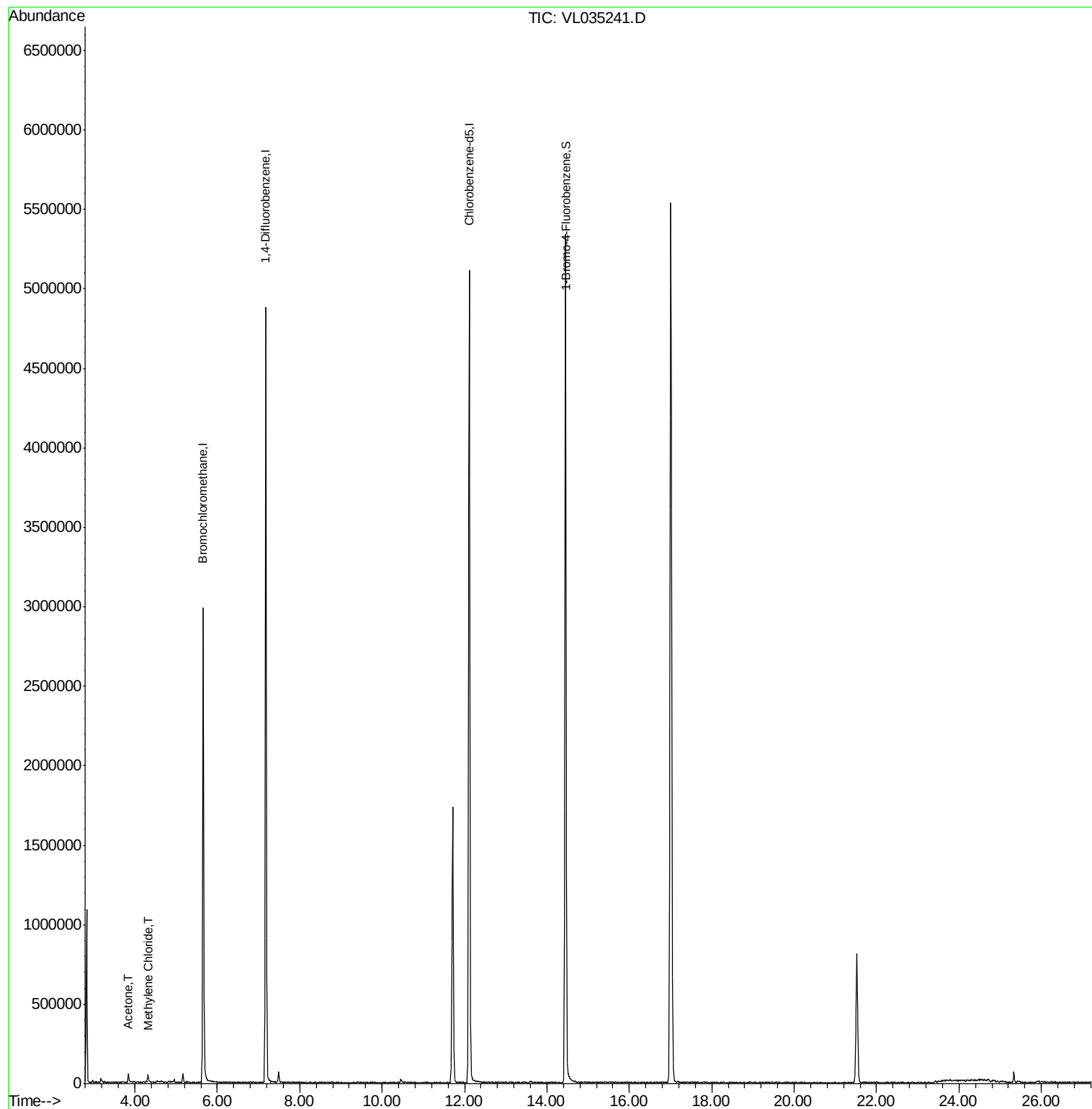
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL072920\
Data File : VL035241.D
Acq On : 29 Jul 2020 10:44
Operator : SY/AP
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Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

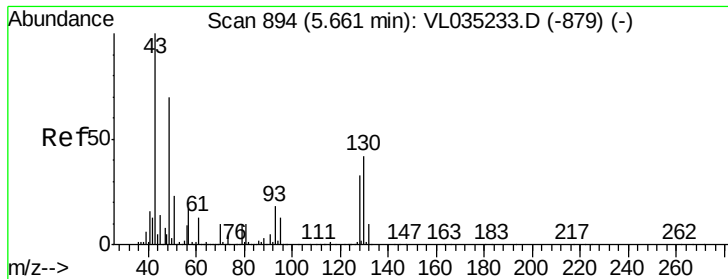
Instrument :
MSVOA_L
ClientSampleId :
VL0729ABL01

Manual Integrations
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7/30/2020 6:10:38 PM

Quant Time: Jul 30 03:01:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul
QLast Update : Wed Jul 29 07:14:29 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.01 min

Lab File: VL035241.D

Acq: 29 Jul 2020 10:44

Instrument :

MSVOA_L

ClientSampleId :

VL0729ABL01

Tot Ion: 49 Resp: 1324161

Ion Ratio Lower Upper

49 100

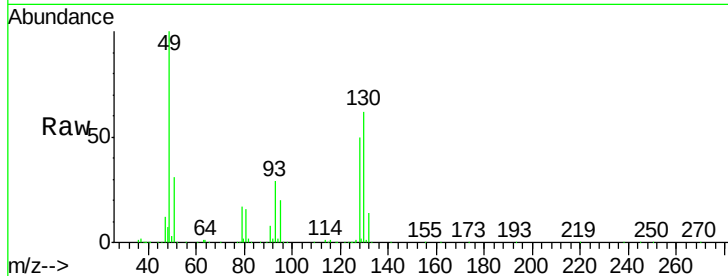
128 50.4 24.0 72.0

130 63.6 30.7 92.1

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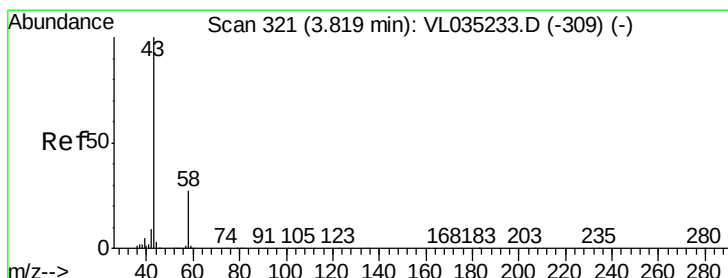
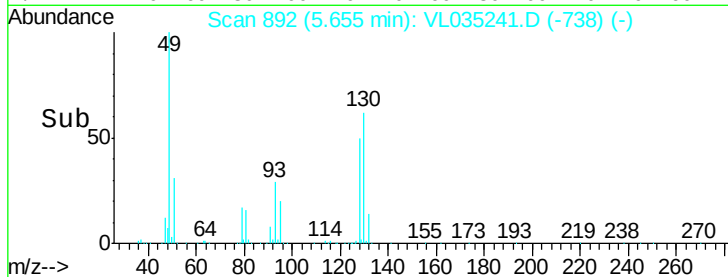
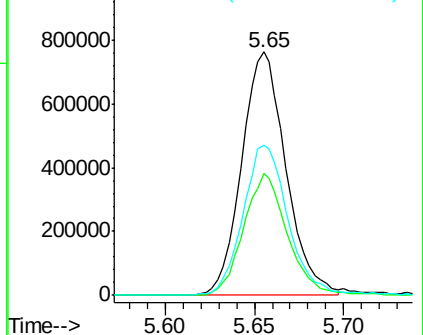
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.239 ppbv

RT: 3.84 min Scan# 327

Delta R.T. 0.02 min

Lab File: VL035241.D

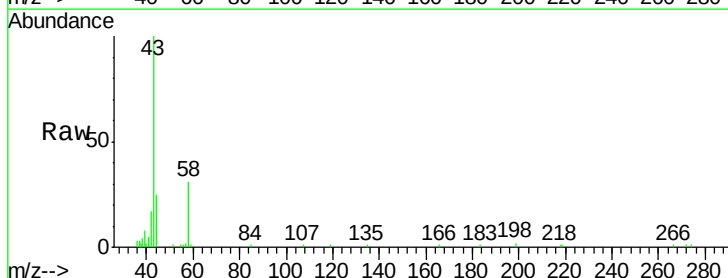
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Tgt Ion: 43 Resp: 42267

Ion Ratio Lower Upper

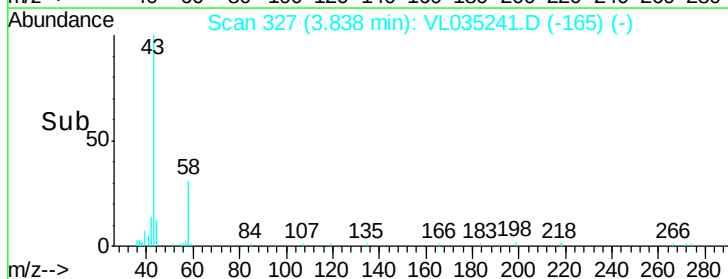
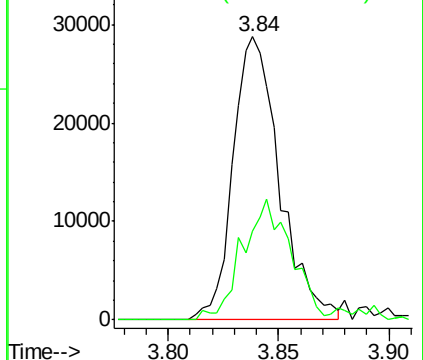
43 100

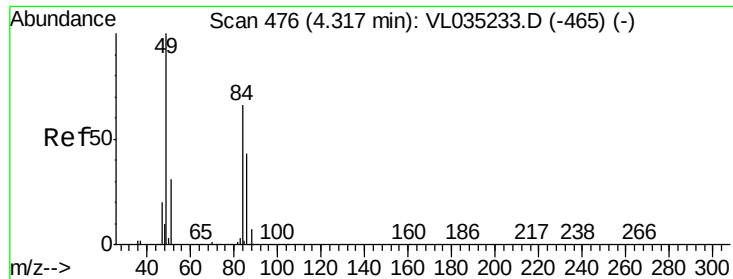
58 45.9 21.8 32.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





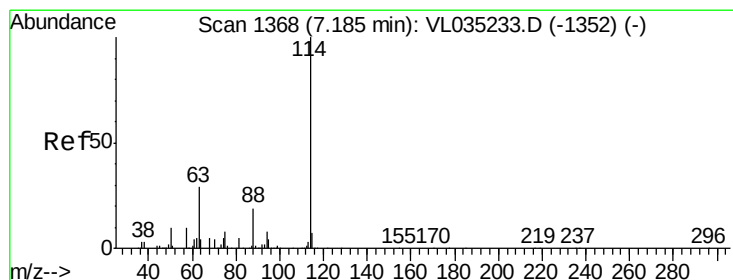
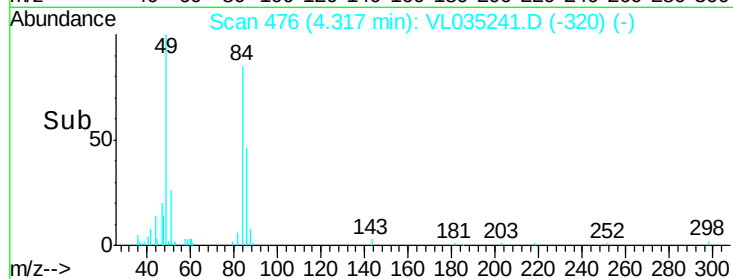
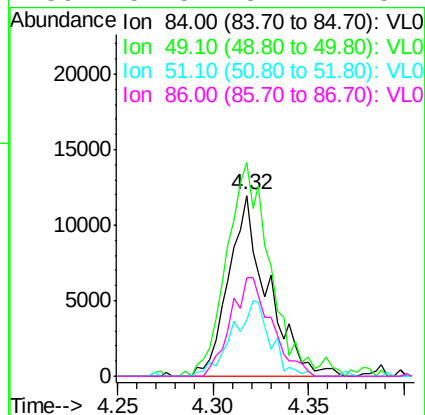
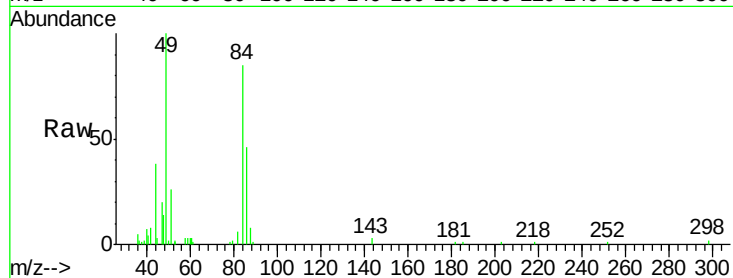
#20
Methvlene Chloride
Concen: 0.212 ppbv
RT: 4.32 min Scan# 476
Delta R.T. 0.00 min
Lab File: VL035241.D
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Instrument :
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Tot Ion	84	Resp	17021
Ion Ratio	Lower	Upper	
84	100		
49	118.0	121.0	181.4#
51	31.0	37.7	56.5#
86	54.5	52.2	78.4

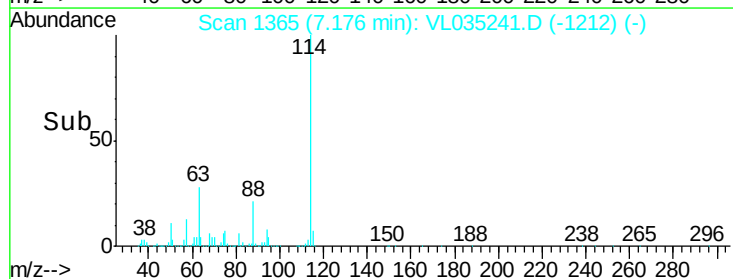
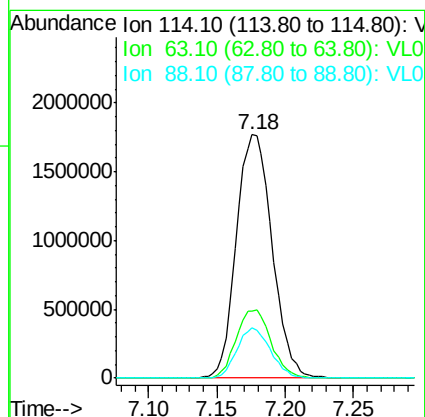
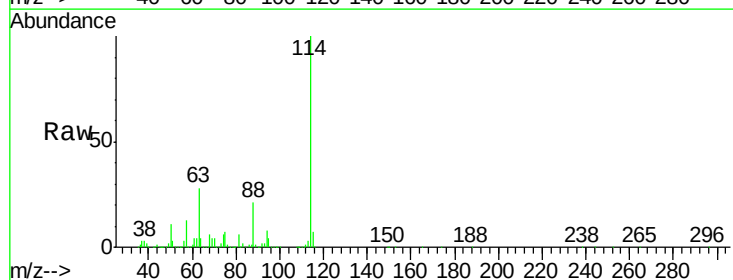
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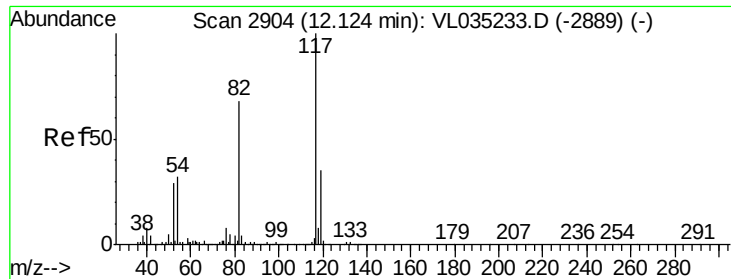
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.01 min
Lab File: VL035241.D
Acq: 29 Jul 2020 10:44

Tgt Ion	114	Resp	3229113
Ion Ratio	Lower	Upper	
114	100		
63	27.6	22.2	33.2
88	19.5	15.4	23.0





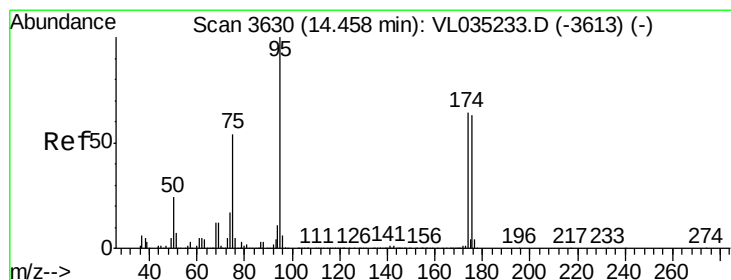
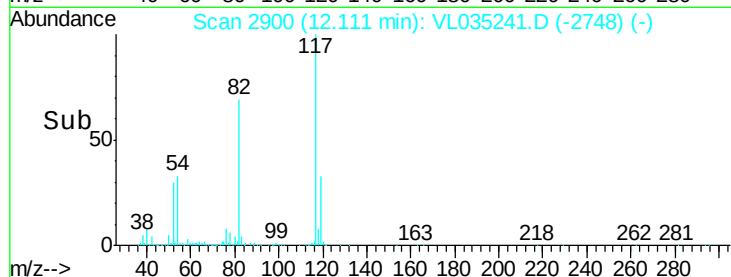
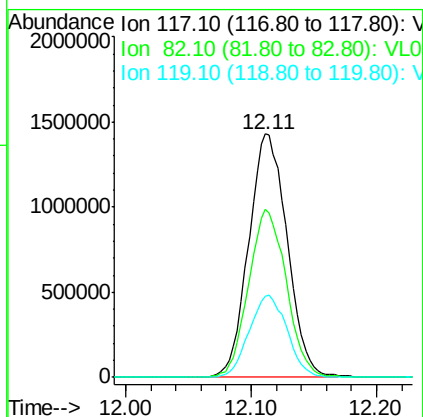
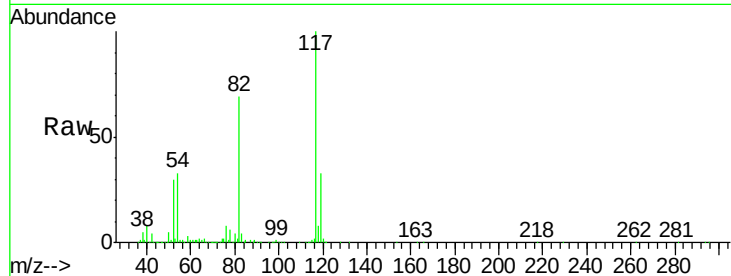
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.01 min
Lab File: VL035241.D
Acq: 29 Jul 2020 10:44

Instrument :
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Tot Ion	Ratio	Lower	Upper
117	100		
82	68.4	52.4	78.6
119	33.4	24.6	36.8

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.994 ppbv
RT: 14.45 min Scan# 3626
Delta R.T. -0.01 min
Lab File: VL035241.D
Acq: 29 Jul 2020 10:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	65.2	52.7	79.1
175	4.8	3.9	5.9

