

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080320\
 Data File : VL035330.D
 Acq On : 4 Aug 2020 2:05
 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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Quant Time: Aug 04 06:44:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Aug 04 06:44:37 2020
 QLast Update : Tue Aug 04 05:31:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1176088	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2933572	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2868482	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2442729	10.17	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	28145m	0.165	ppbv	
20) Methylene Chloride	4.31	84	17577m	0.226	ppbv	

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

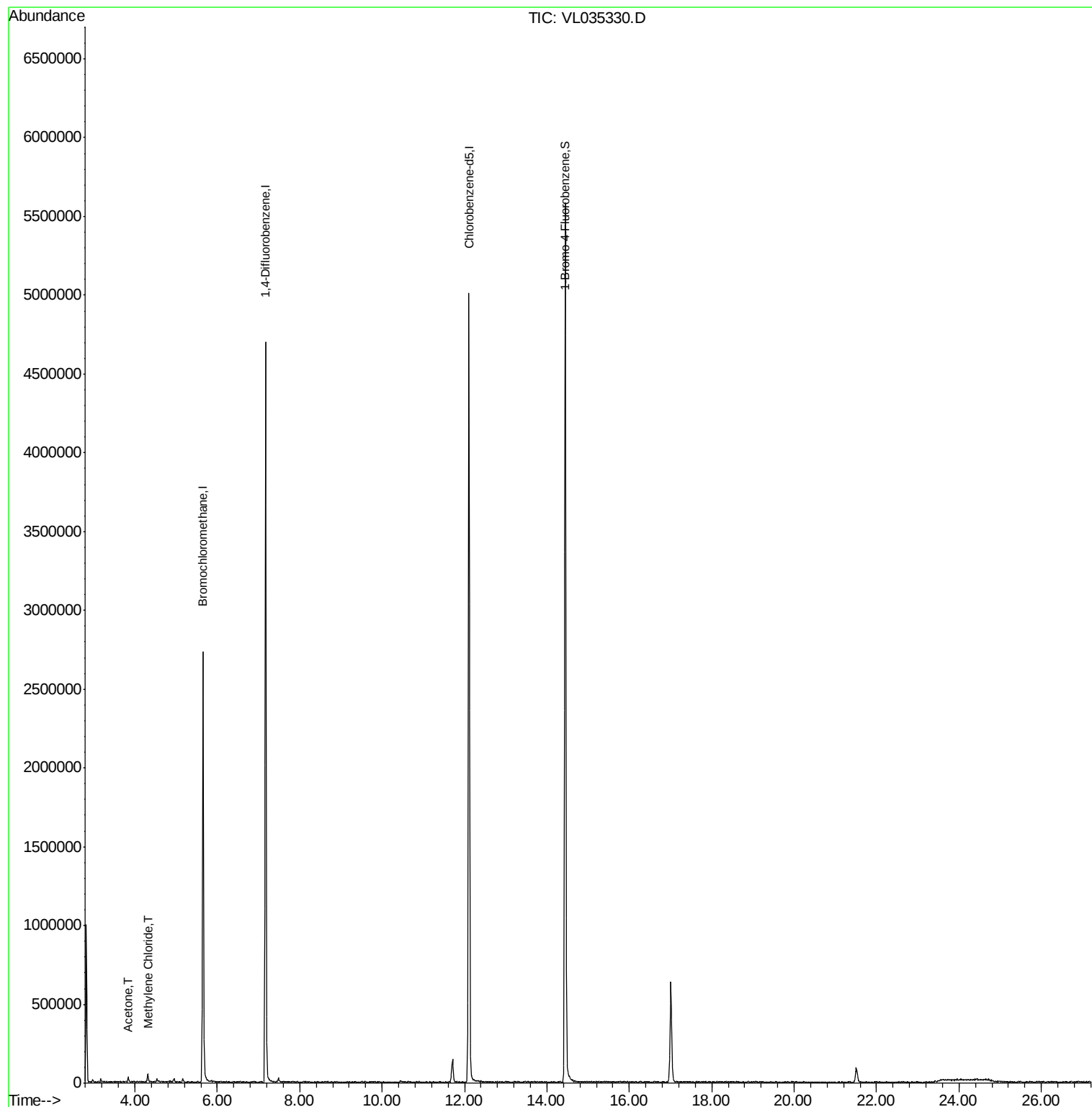
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL080320\
Data File : VL035330.D
Acq On : 4 Aug 2020 2:05
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

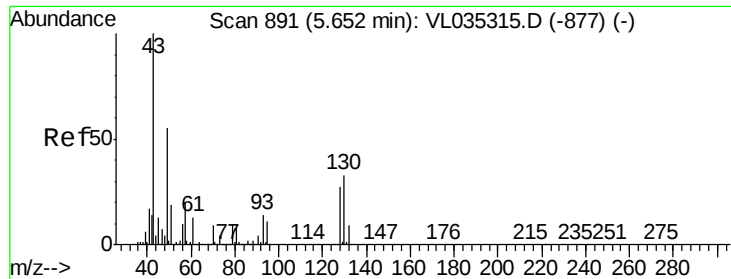
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations
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Quant Time: Aug 04 06:44:37 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL080320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug
QLast Update : Tue Aug 04 05:31:29 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.00 min

Lab File: VL035330.D

Acq: 4 Aug 2020 2:05

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tot Ion: 49 Resp: 1176088

Ion Ratio Lower Upper

49 100

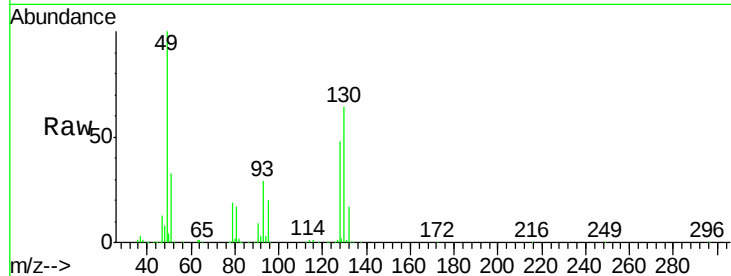
128 50.6 23.8 71.5

130 65.0 31.4 94.3

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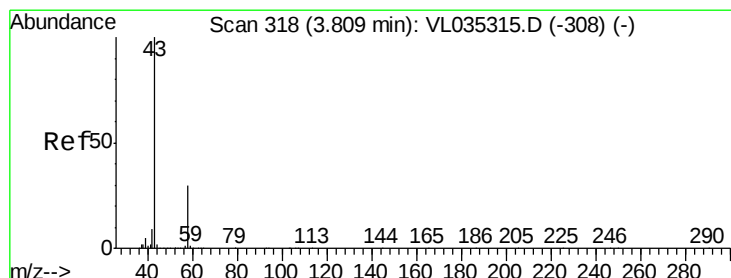
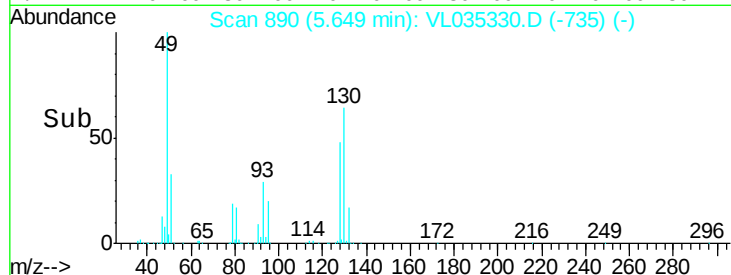
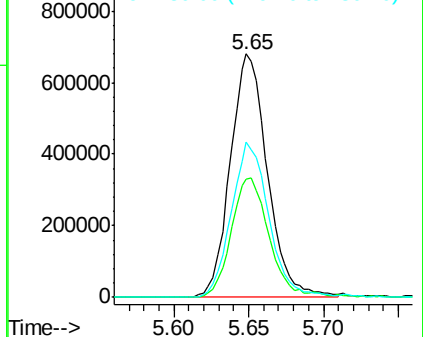
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.165 ppbv m

RT: 3.84 min Scan# 326

Delta R.T. 0.03 min

Lab File: VL035330.D

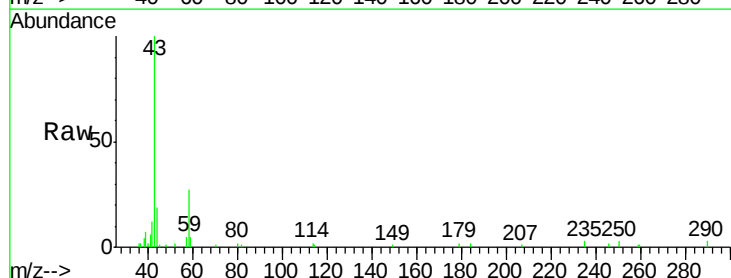
Acq: 4 Aug 2020 2:05

Tgt Ion: 43 Resp: 28145

Ion Ratio Lower Upper

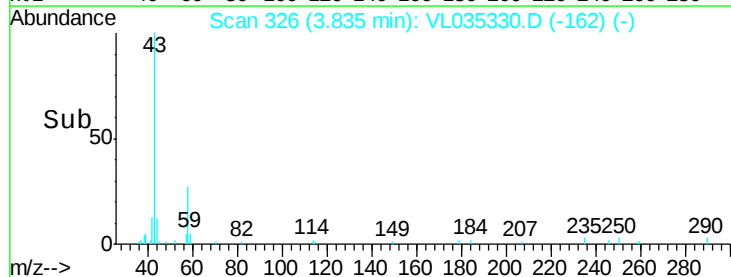
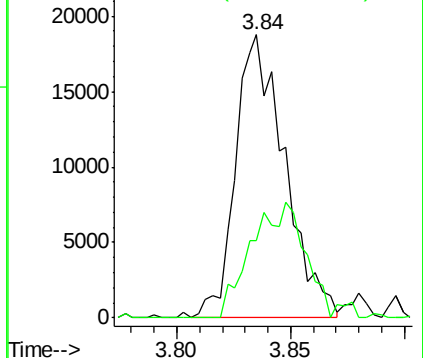
43 100

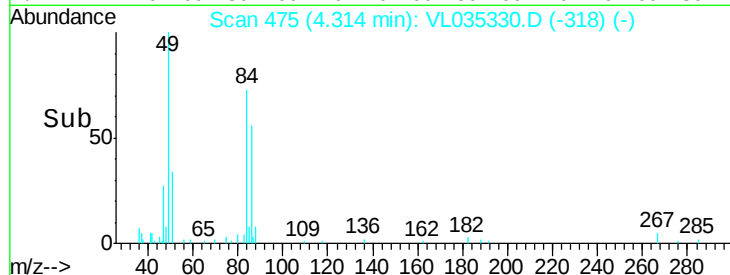
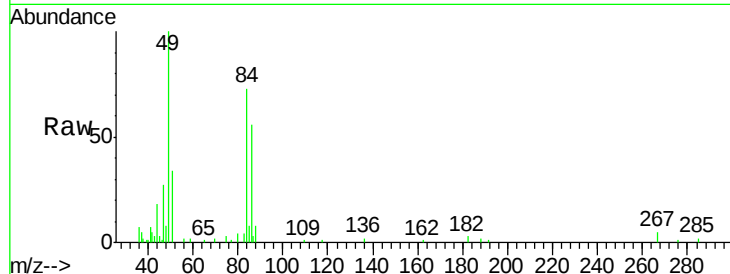
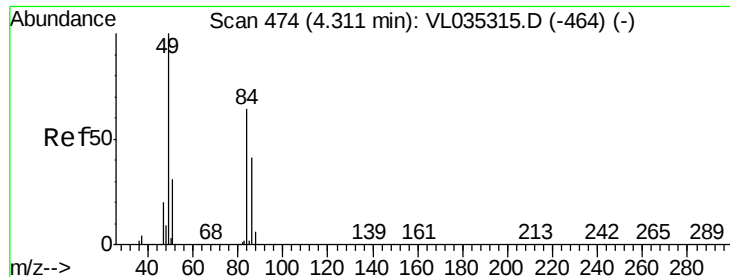
58 0.0 22.1 33.1#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





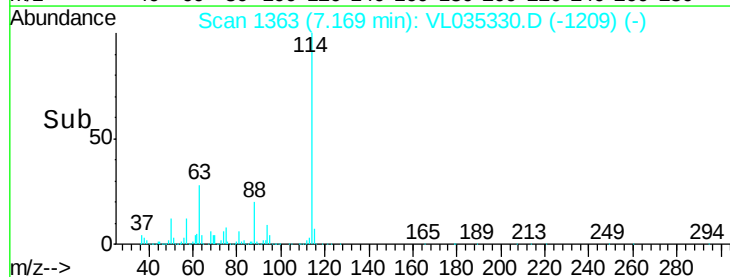
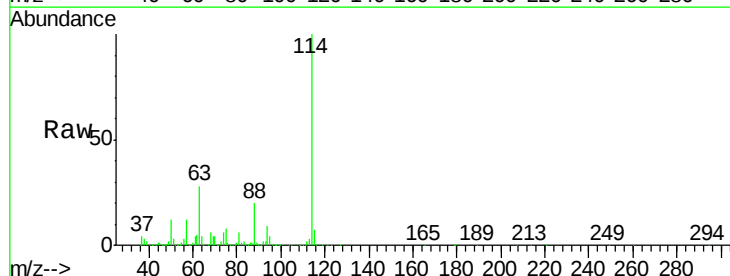
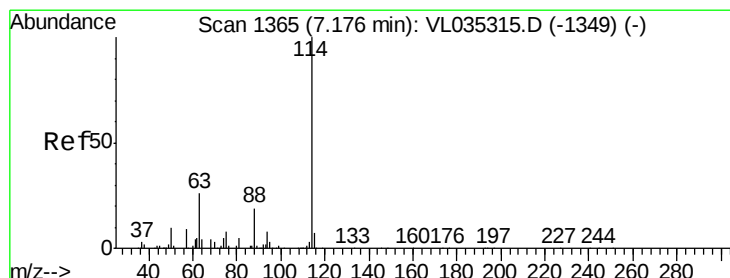
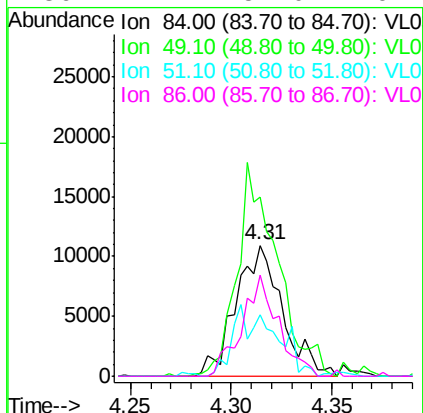
#20
Methylene Chloride
Concen: 0.226 ppbv m
RT: 4.31 min Scan# 475
Delta R.T. 0.00 min
Lab File: VL035330.D
Acq: 4 Aug 2020 2:05

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	137.0	124.2	186.2	
51	46.9	38.6	58.0	
86	77.1	51.0	76.4	

Instrument :
MSVOA_L
ClientSampled :
VIBLK

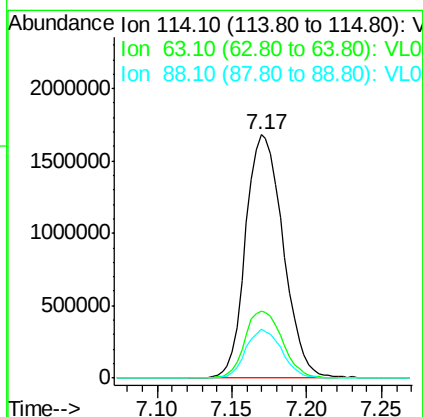
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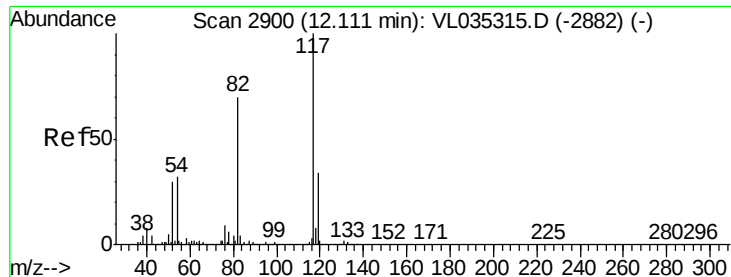
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL035330.D
Acq: 4 Aug 2020 2:05

Tgt Ion	Ion	Ratio	Lower	Upper
114	100			
63	27.7	21.5	32.3	
88	19.3	15.3	22.9	





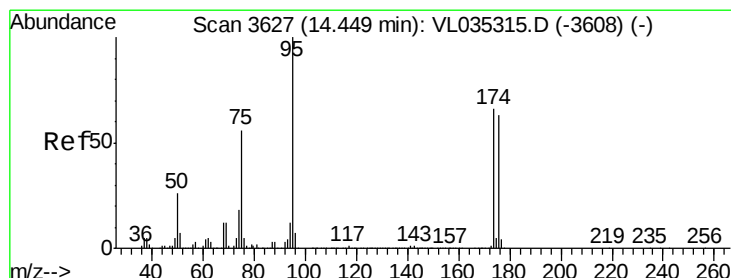
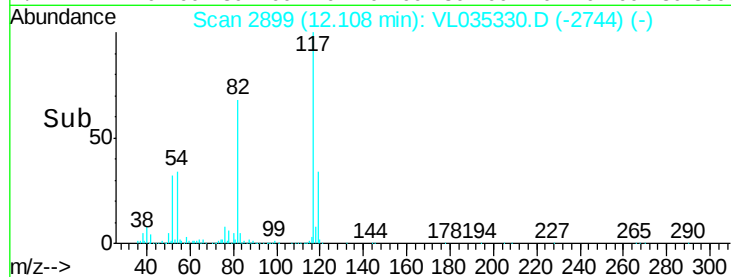
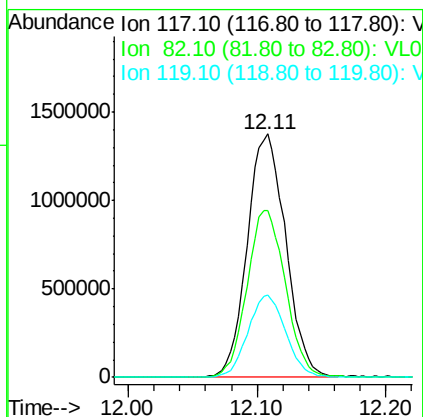
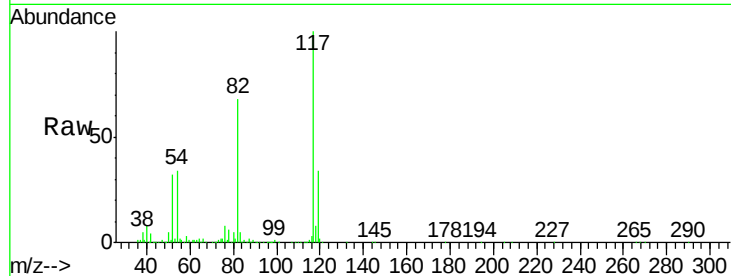
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VL035330.D
Acq: 4 Aug 2020 2:05

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion	Ratio	Lower	Upper
117	100		
82	68.7	50.6	76.0
119	33.3	24.1	36.1

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.166 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.01 min
Lab File: VL035330.D
Acq: 4 Aug 2020 2:05

Tgt Ion	Ratio	Lower	Upper
95	100		
174	64.6	52.5	78.7
175	4.9	3.9	5.9

