

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110320\
 Data File : VL035825.D
 Acq On : 4 Nov 2020 5:02
 Operator : SY/AP
 Sample : L4610-03DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV3DL

Manual Integrations
 APPROVED

MMDadoda
 11/5/2020 2:14:47 PM

Quant Time: Nov 04 06:33:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1132502	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.14	114	5060986	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.06	117	4594886	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3315559	10.16	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	79615	0.658	ppbv	# 74
20) Methylene Chloride	4.32	84	15818m	0.186	ppbv	

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

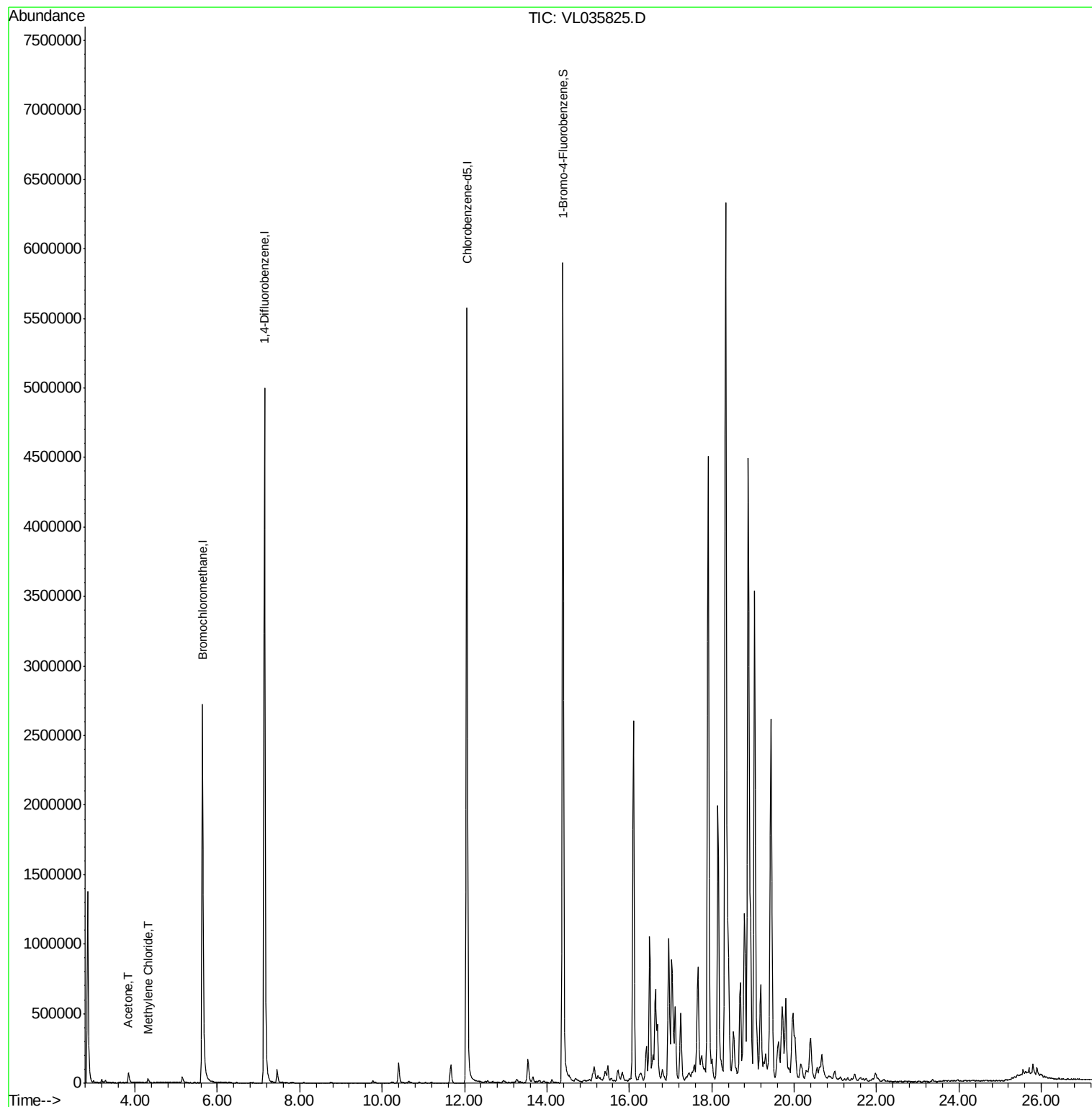
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL110320\
Data File : VL035825.D
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Operator : SY/AP
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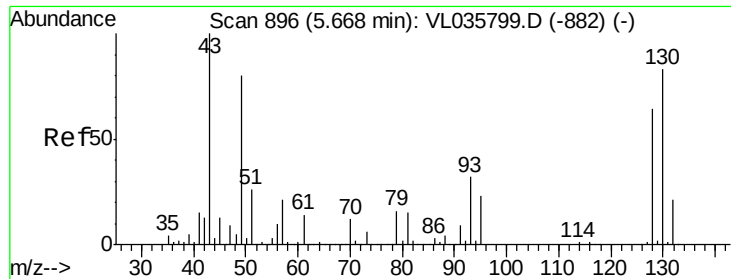
Instrument :
MSVOA_L
ClientSampleId :
SV3DL

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Quant Time: Nov 04 06:33:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 887

Delta R.T. -0.03 min

Lab File: VL035825.D

Acq: 4 Nov 2020 5:02

Instrument :

MSVOA_L

ClientSampled :

SV3DL

Tot Ion: 49 Resp: 1132502

Ion Ratio Lower Upper

49 100

128 92.5 41.5 124.6

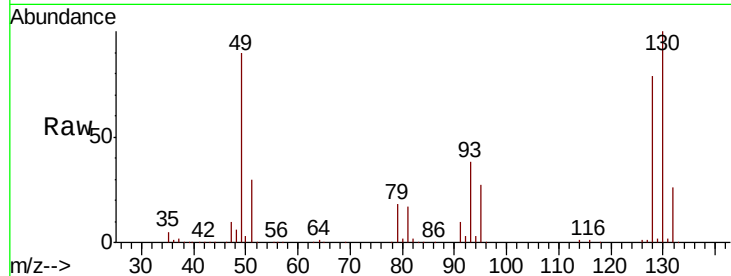
130 119.7 53.7 161.1

Manual Integrations

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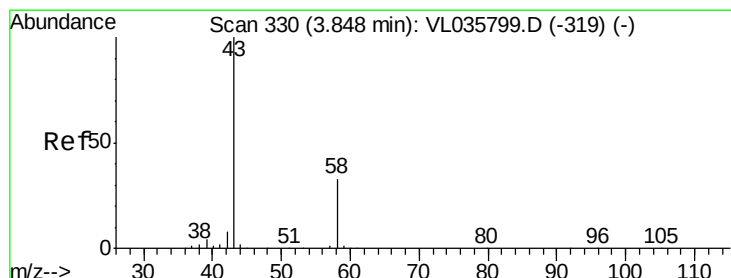
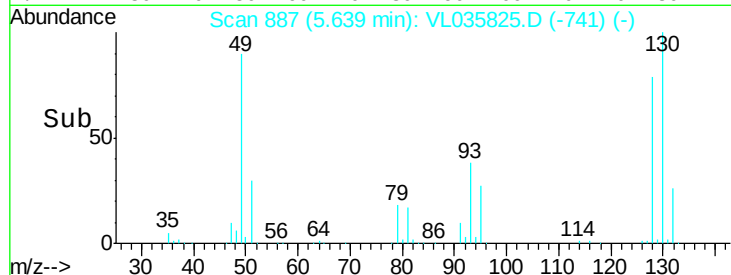
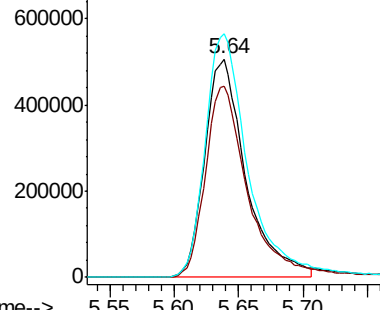
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.658 ppbv

RT: 3.84 min Scan# 328

Delta R.T. -0.01 min

Lab File: VL035825.D

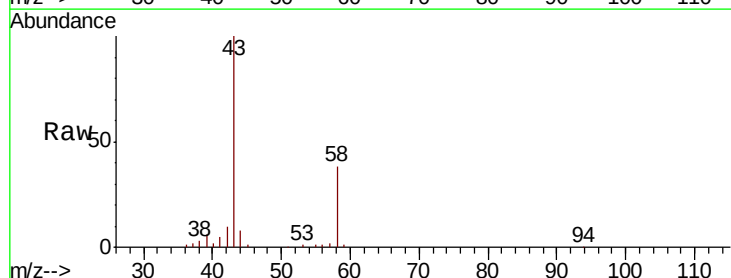
Acq: 4 Nov 2020 5:02

Tgt Ion: 43 Resp: 79615

Ion Ratio Lower Upper

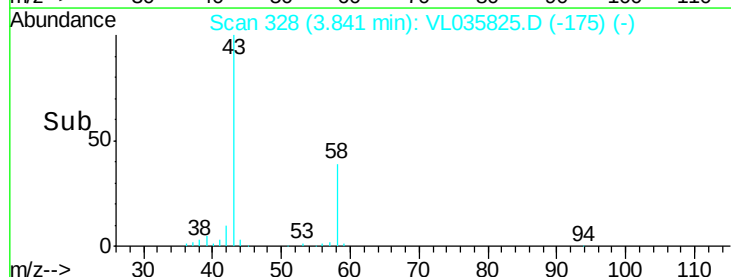
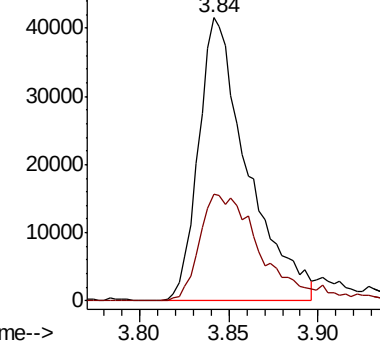
43 100

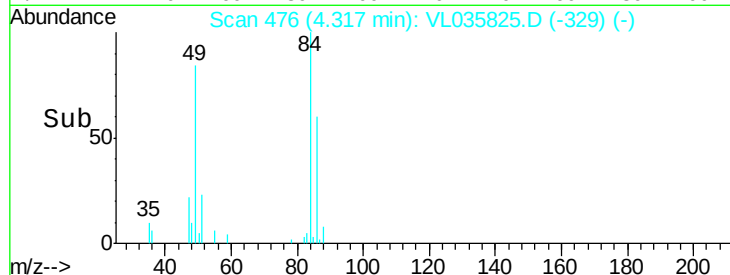
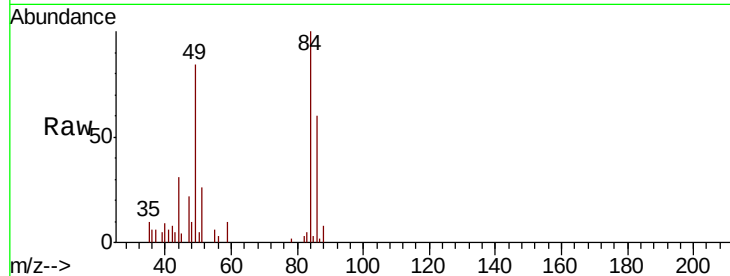
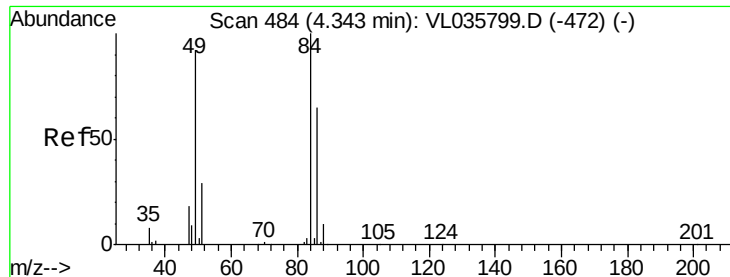
58 49.5 27.5 41.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





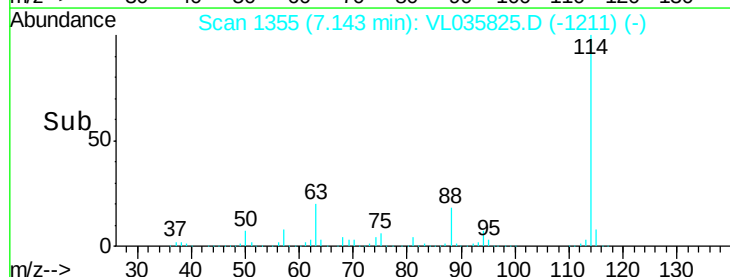
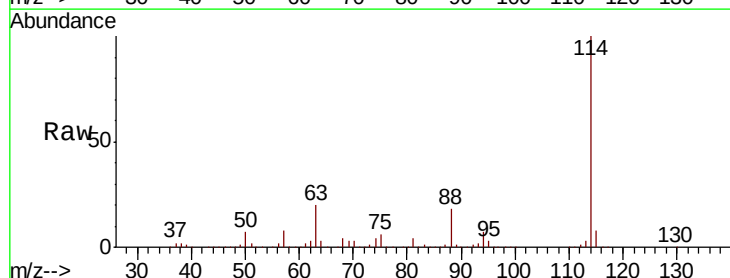
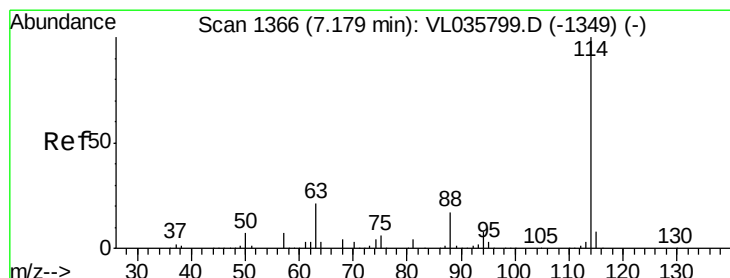
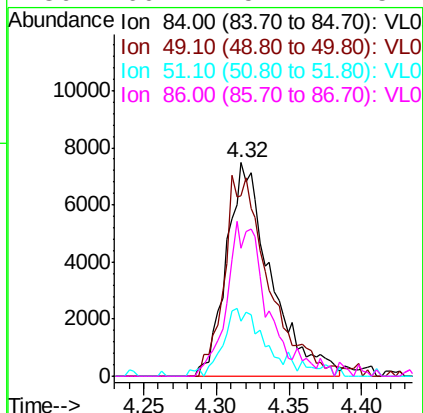
#20
Methylene Chloride
Concen: 0.186 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.03 min
Lab File: VL035825.D
Acq: 4 Nov 2020 5:02

Tot Ion	84	Resp	15818
Ion Ratio	Lower	Upper	
84	100		
49	84.4	73.8	110.8
51	25.8	23.0	34.4
86	60.1	52.1	78.1

Instrument :
MSVOA_L
ClientSampled :
SV3DL

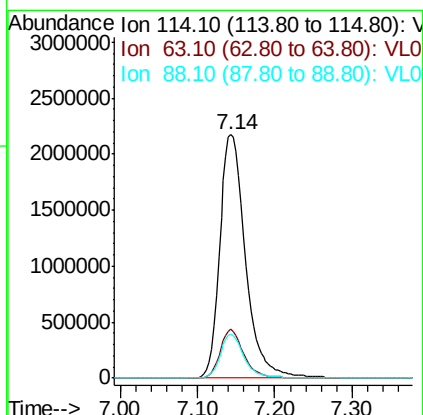
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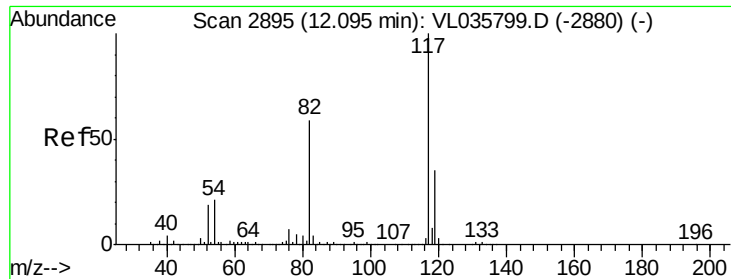
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. -0.04 min
Lab File: VL035825.D
Acq: 4 Nov 2020 5:02

Tgt Ion	114	Resp	5060986
Ion Ratio	Lower	Upper	
114	100		
63	18.6	16.1	24.1
88	16.9	13.7	20.5





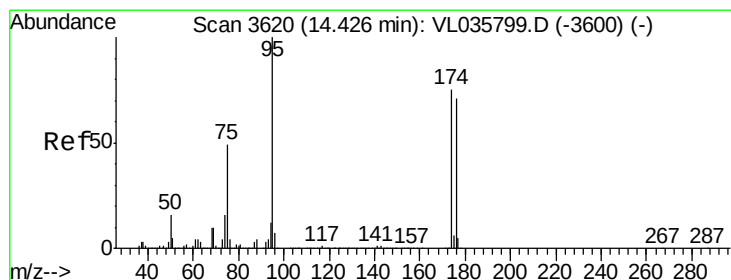
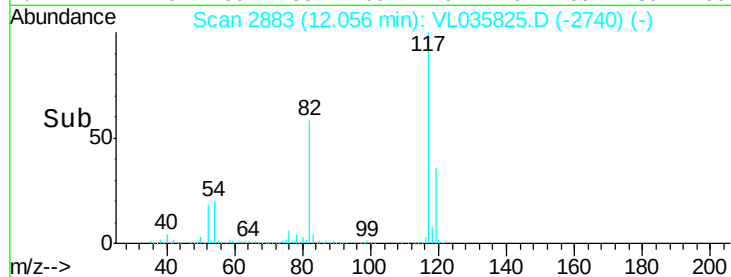
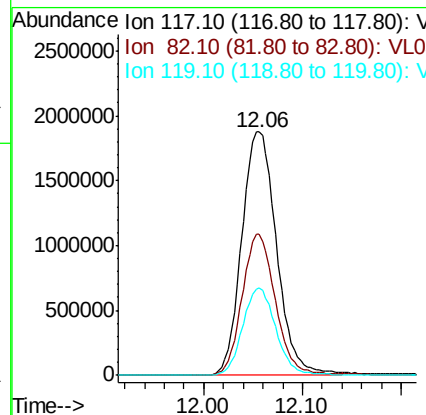
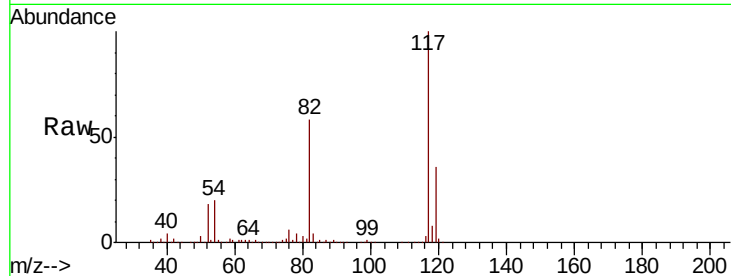
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2883
Delta R.T. -0.04 min
Lab File: VL035825.D
Acq: 4 Nov 2020 5:02

Instrument :
MSVOA_L
ClientSampled :
SV3DL

Tot Ion:117 Resp: 4594886
Ion Ratio Lower Upper
117 100
82 56.6 50.6 76.0
119 34.7 52.6 78.8#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.156 ppbv
RT: 14.39 min Scan# 3608
Delta R.T. -0.04 min
Lab File: VL035825.D
Acq: 4 Nov 2020 5:02

Tgt Ion: 95 Resp: 3315559
Ion Ratio Lower Upper
95 100
174 75.8 59.8 89.6
175 5.2 4.3 6.5

