

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081321\
 Data File : VL037445.D
 Acq On : 13 Aug 2021 12:45
 Operator : SY/AP
 Sample : QC081021 CAN 10609
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC081021 CAN 10609

Manual Integrations
 APPROVED

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 8/16/2021 5:03:58 PM

Quant Time: Aug 16 01:48:06 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081221AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 13 2021
 QLast Update : Fri Aug 13 01:37:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1242714	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3936149	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3316653	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2381806	10.01	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.88	43	42811m	0.325	ppbv	
20) Methylene Chloride	4.34	84	48605m	0.697	ppbv	

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

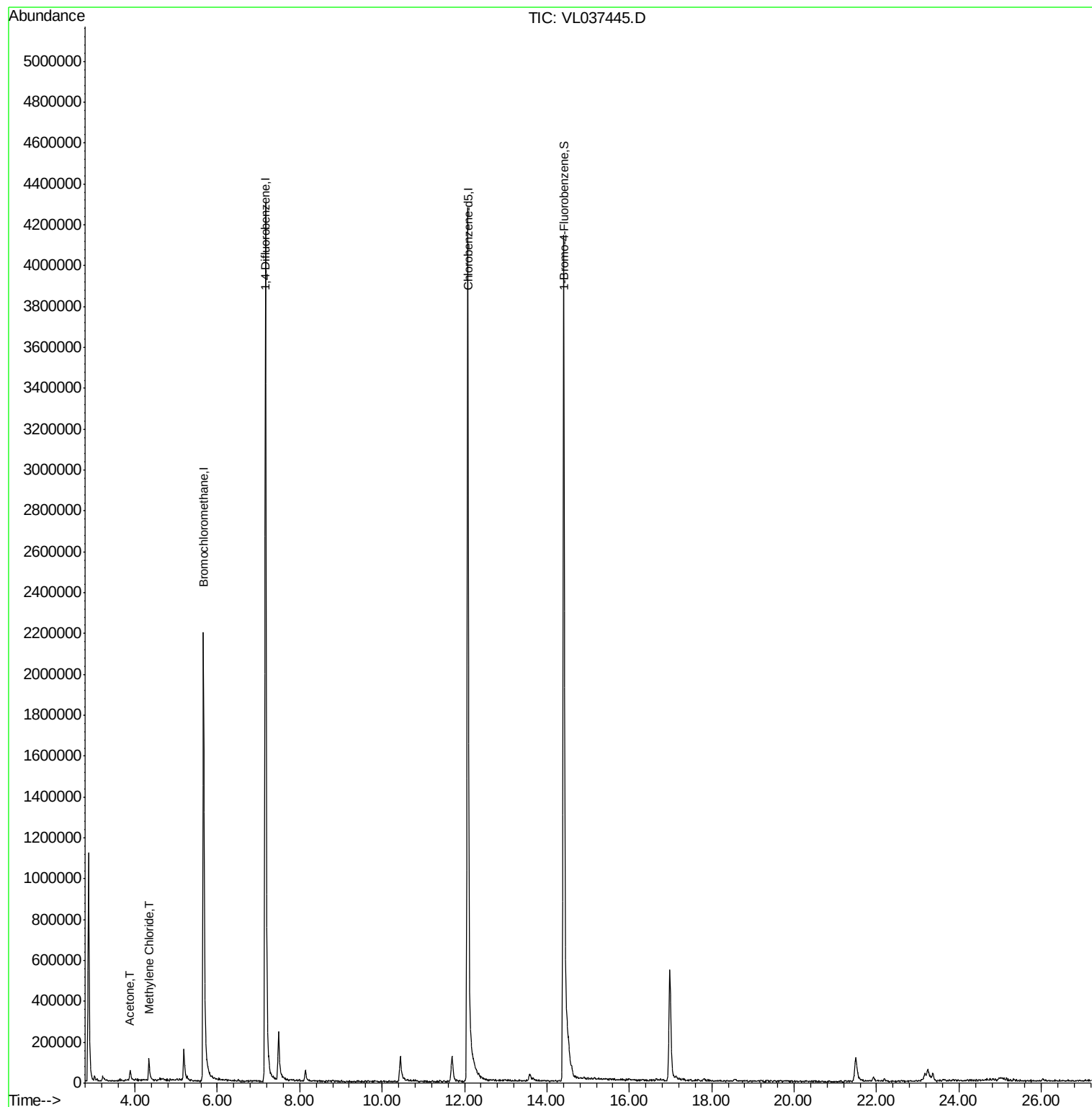
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Data File : VL037445.D
Acq On : 13 Aug 2021 12:45
Operator : SY/AP
Sample : OC081021 CAN 10609
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

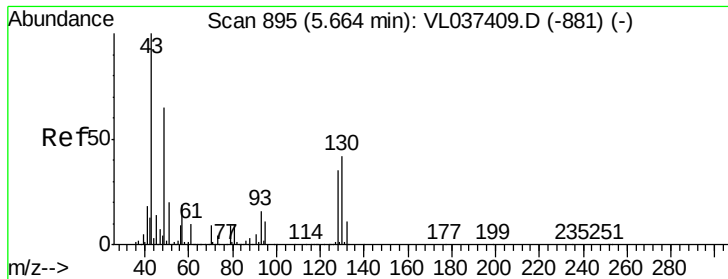
Instrument :
MSVOA_L
ClientSampleId :
QC081021 CAN 10609

Manual Integrations
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8/16/2021 5:03:58 PM

Quant Time: Aug 16 01:48:06 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL081221AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Aug 13 01:37:35 2021
Response via : Initial Calibration





#1

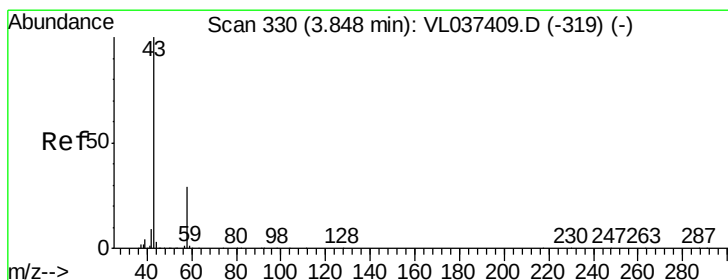
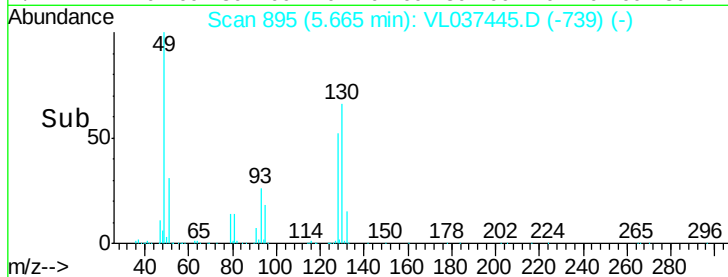
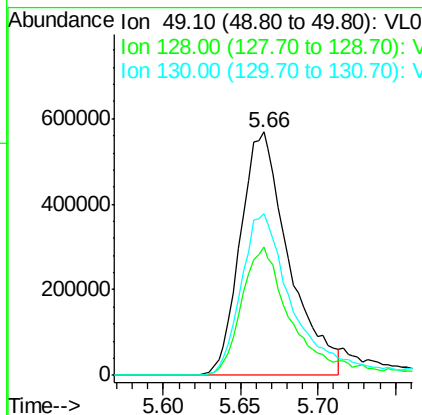
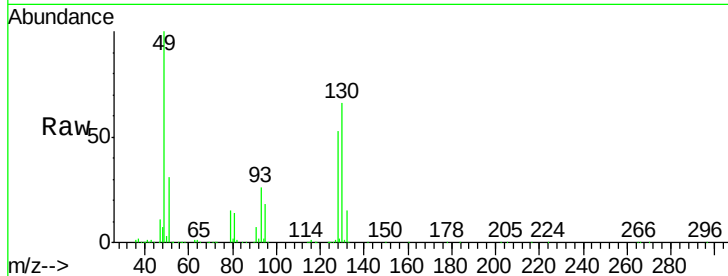
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: VL037445.D
 Acq: 13 Aug 2021 12:45

Instrument :
 MSVOA_L
 ClientSampleId :
 QC081021 CAN 10609

Tot Ion: 49 Resp: 1242714
 Ion Ratio Lower Upper
 49 100
 128 56.8 27.9 83.6
 130 74.0 34.6 103.8

Manual Integrations
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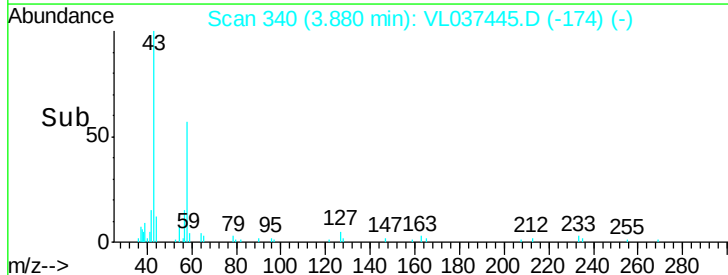
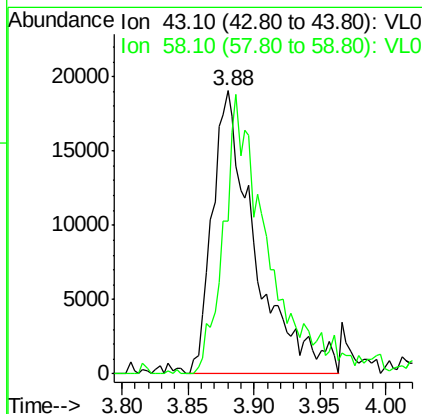
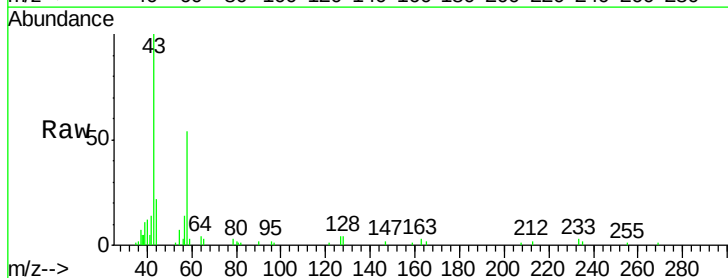
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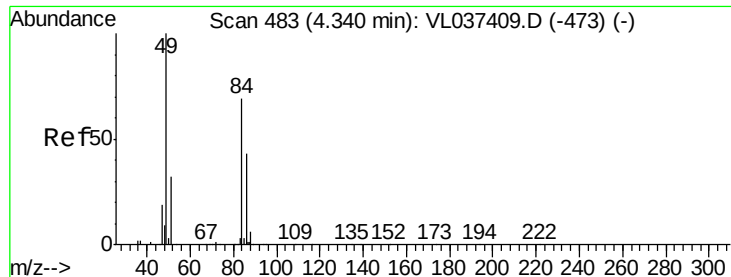


#15

Acetone
 Concen: 0.325 ppbv m
 RT: 3.88 min Scan# 340
 Delta R.T. 0.03 min
 Lab File: VL037445.D
 Acq: 13 Aug 2021 12:45

Tgt Ion: 43 Resp: 42811
 Ion Ratio Lower Upper
 43 100
 58 104.4 24.4 36.6#





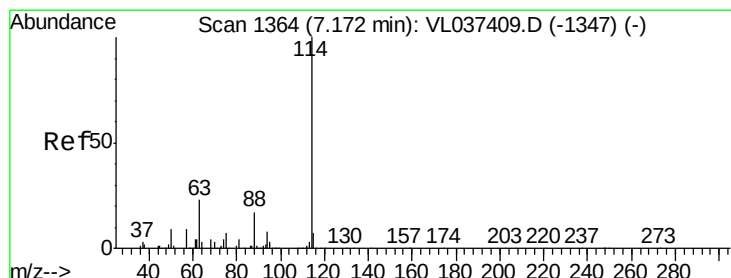
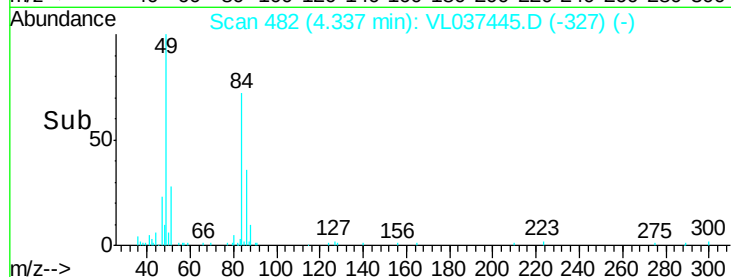
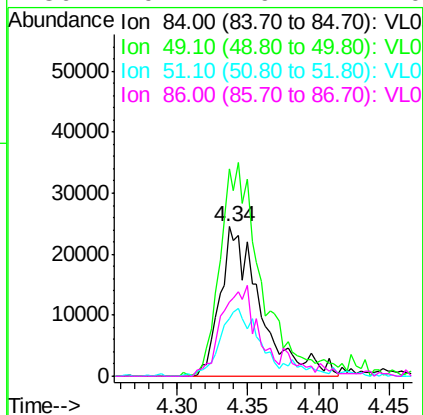
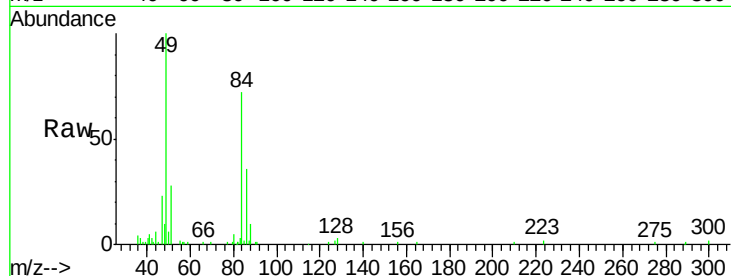
#20
Methylene Chloride
Concen: 0.697 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.00 min
Lab File: VL037445.D
Acq: 13 Aug 2021 12:45

Instrument :
MSVOA_L
ClientSampleId :
QC081021 CAN 10609

Tot Ion:	84	Resp:	48605
Ion	Ratio	Lower	Upper
84	100		
49	138.9	116.0	174.0
51	38.4	37.1	55.7
86	49.4	49.4	74.0

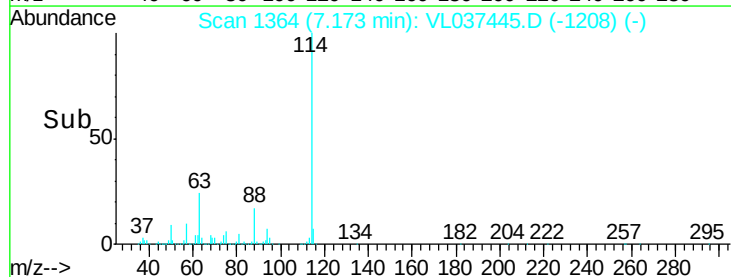
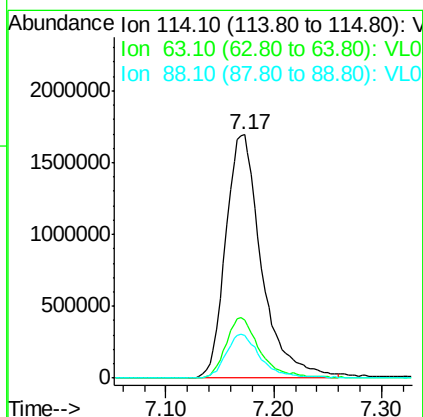
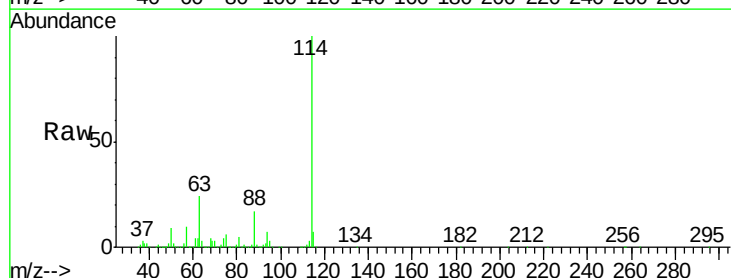
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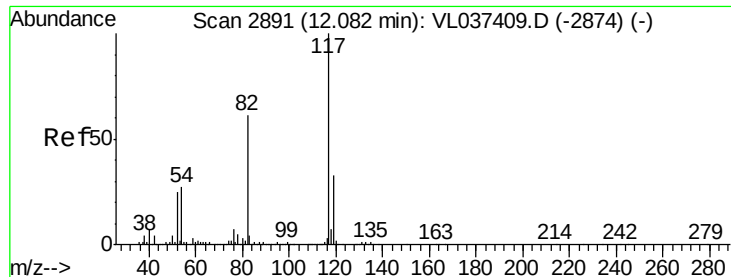
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. 0.00 min
Lab File: VL037445.D
Acq: 13 Aug 2021 12:45

Tgt Ion:	114	Resp:	3936149
Ion	Ratio	Lower	Upper
114	100		
63	24.1	19.4	29.2
88	17.9	14.2	21.4





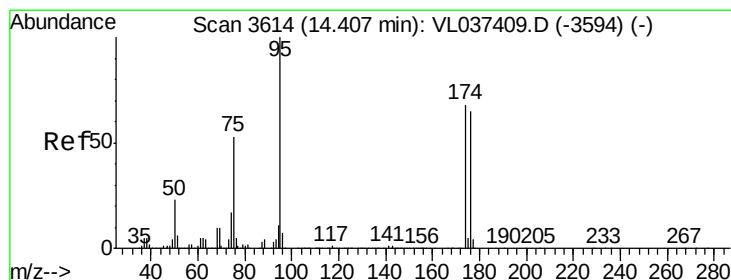
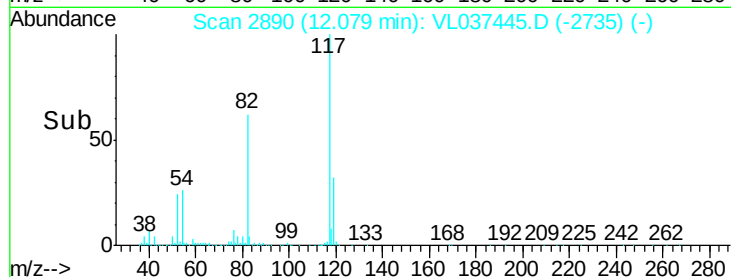
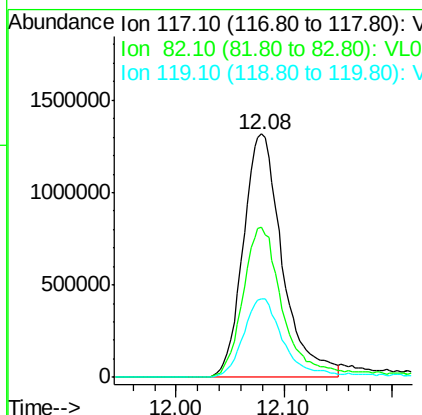
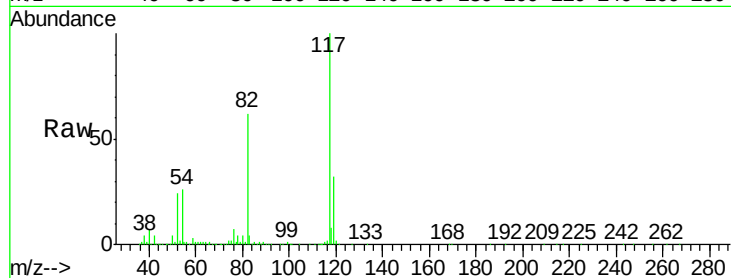
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. -0.00 min
Lab File: VL037445.D
Acq: 13 Aug 2021 12:45

Instrument :
MSVOA_L
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
117	100		
82	66.8	53.1	79.7
119	35.2	28.0	42.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.011 ppbv
RT: 14.41 min Scan# 3615
Delta R.T. 0.00 min
Lab File: VL037445.D
Acq: 13 Aug 2021 12:45

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.9	59.6	89.4
175	5.7	4.3	6.5

