

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062221\
 Data File : VL037220.D
 Acq On : 22 Jun 2021 17:11
 Operator : SY/AP
 Sample : QC062121 CAN 10792
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC062121 CAN 10792

Manual Integrations
 APPROVED

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 6/24/2021 4:32:52 PM

Quant Time: Jun 23 02:13:30 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 16 14:06:32 2021
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1578322	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4491909	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3918590	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2810205	9.46	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.89	43	46166m	0.259	ppbv	
20) Methylene Chloride	4.37	84	27896m	0.262	ppbv	

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

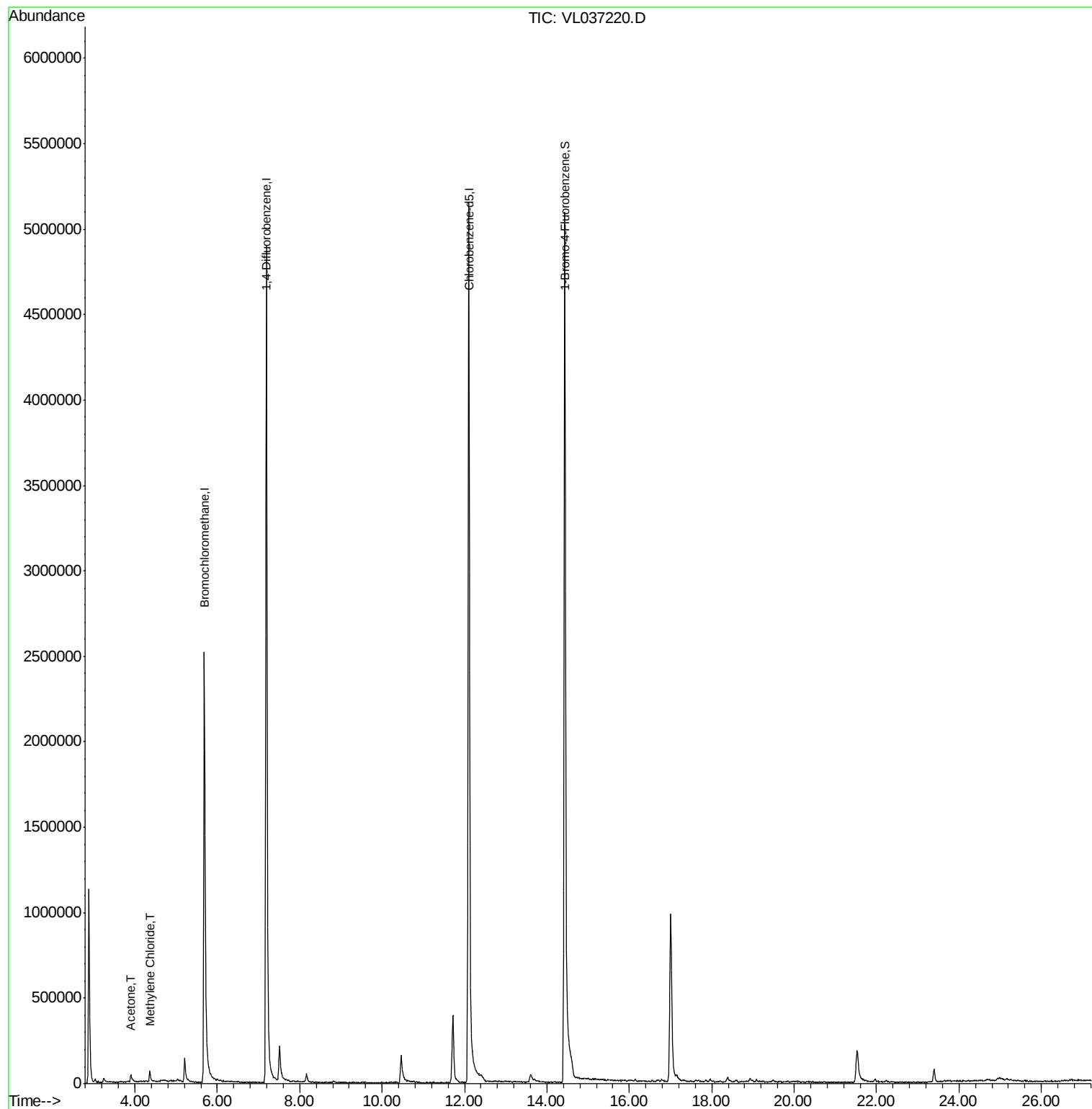
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Data File : VL037220.D
Acq On : 22 Jun 2021 17:11
Operator : SY/AP
Sample : OC062121 CAN 10792
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

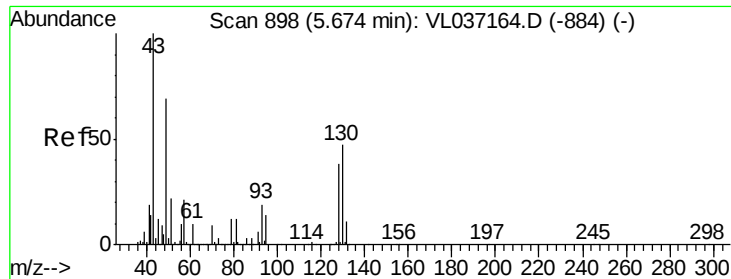
Instrument :
MSVOA_L
ClientSampleId :
QC062121 CAN 10792

Manual Integrations
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Quant Time: Jun 23 02:13:30 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 16 14:06:32 2021
Response via : Initial Calibration





#1

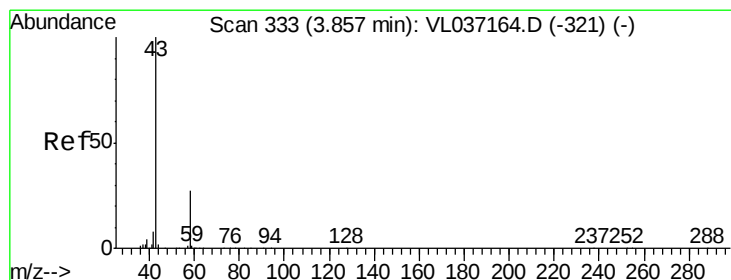
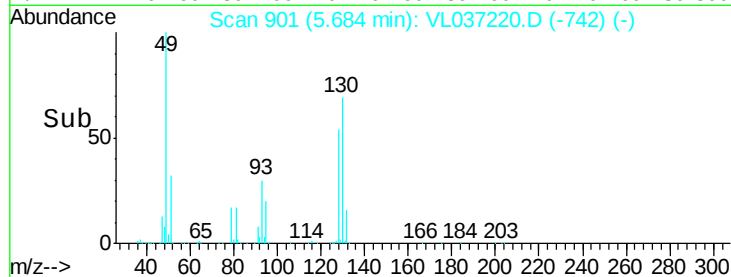
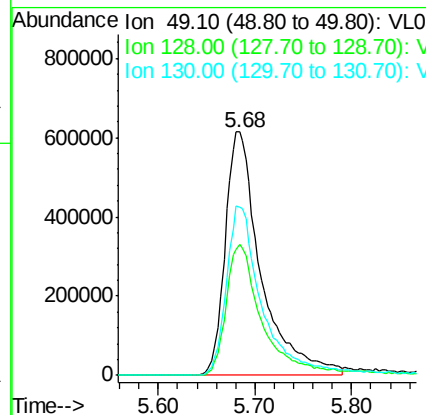
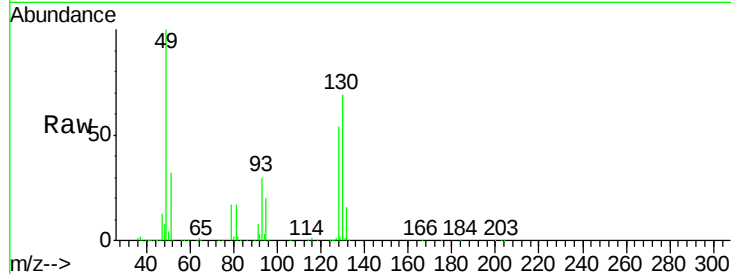
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.68 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VL037220.D
 Acq: 22 Jun 2021 17:11

Instrument :
 MSVOA_L
 ClientSampleId :
 QC062121 CAN 10792

Tot Ion: 49 Resp: 1578322
 Ion Ratio Lower Upper
 49 100
 128 55.7 29.3 88.0
 130 71.0 35.9 107.8

Manual Integrations
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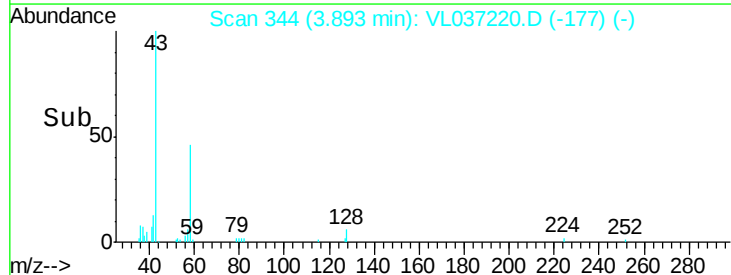
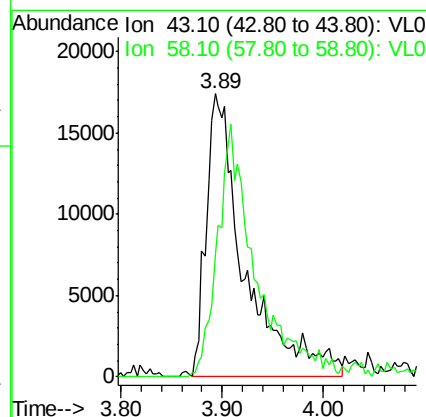
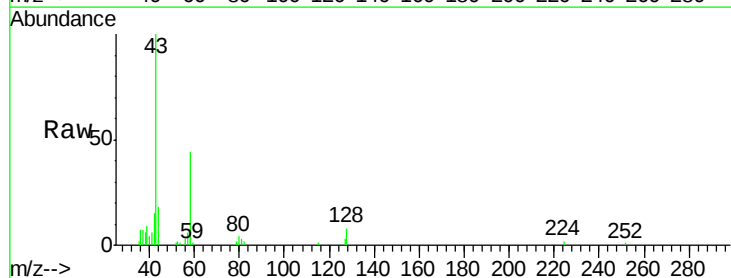
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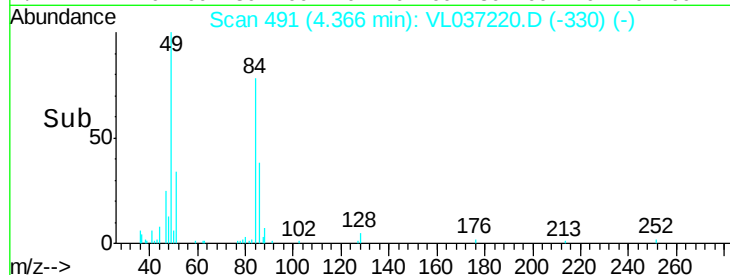
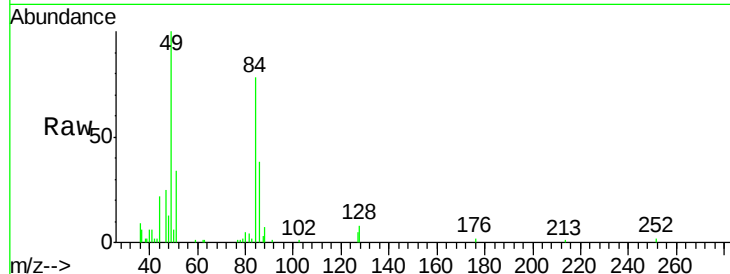
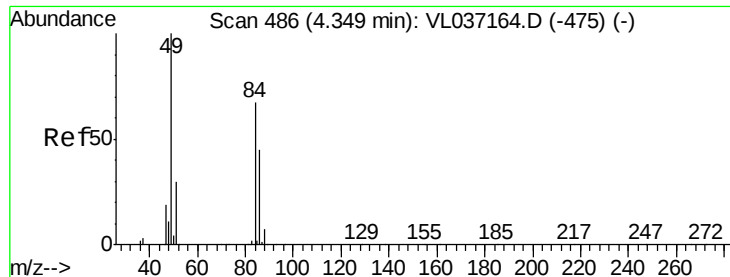


#15

Acetone
 Concen: 0.259 ppbv m
 RT: 3.89 min Scan# 344
 Delta R.T. 0.04 min
 Lab File: VL037220.D
 Acq: 22 Jun 2021 17:11

Tgt Ion: 43 Resp: 46166
 Ion Ratio Lower Upper
 43 100
 58 0.0 23.7 35.5#





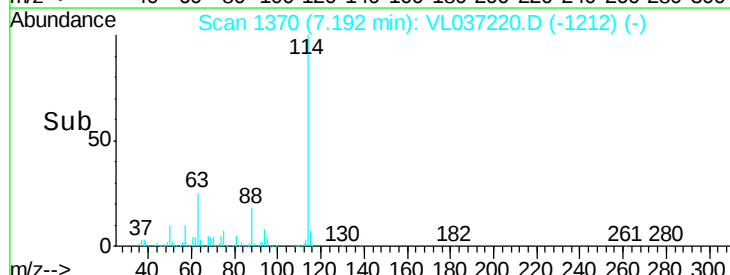
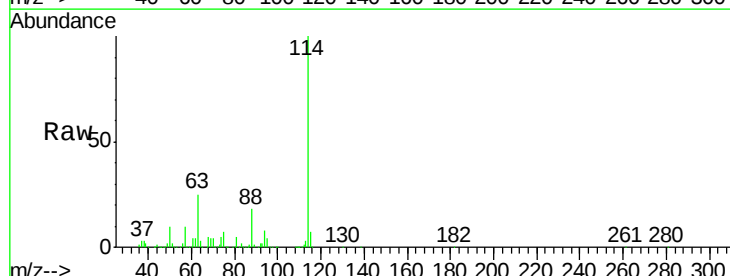
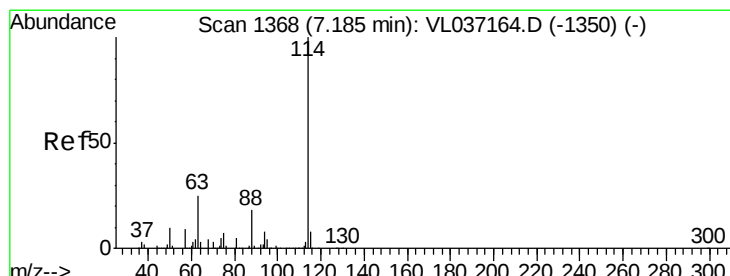
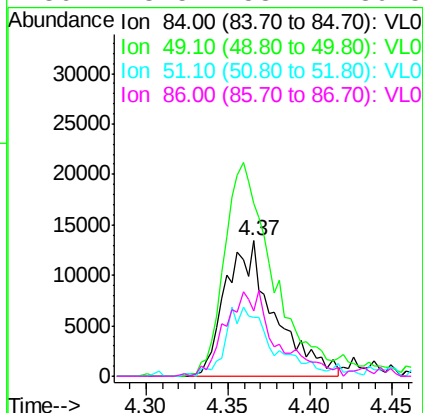
#20
Methylene Chloride
Concen: 0.262 ppbv
RT: 4.37 min Scan# 491
Delta R.T. 0.02 min
Lab File: VL037220.D
Acq: 22 Jun 2021 17:11

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	127.7	119.7	179.5	
51	43.3	36.1	54.1	
86	48.5	53.7	80.5	

Instrument :
MSVOA_L
ClientSampleId :
QC062121 CAN 10792

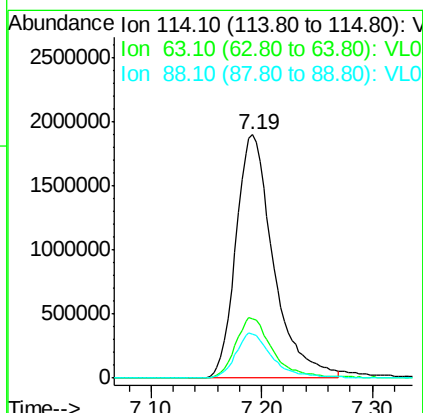
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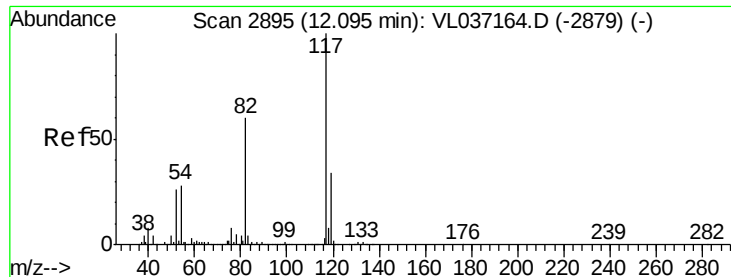
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VL037220.D
Acq: 22 Jun 2021 17:11

Tgt Ion	Ion	Ratio	Lower	Upper
114	100			
63	25.0	19.6	29.4	
88	18.4	14.2	21.2	





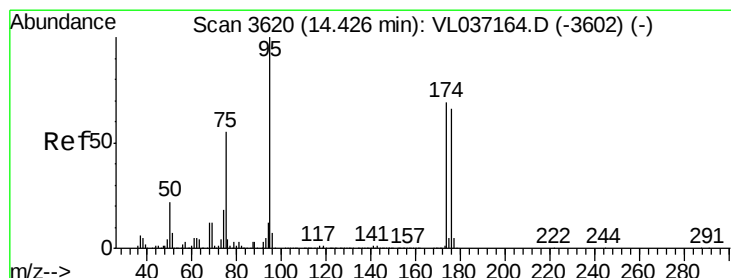
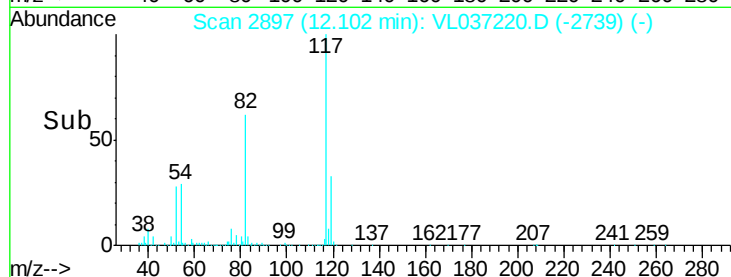
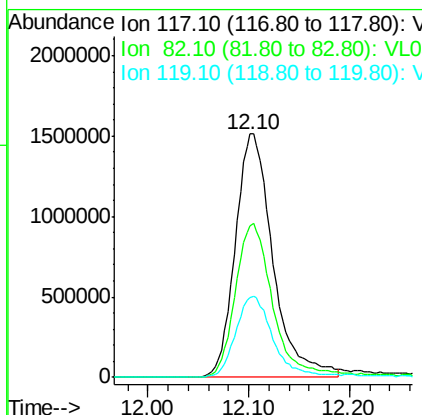
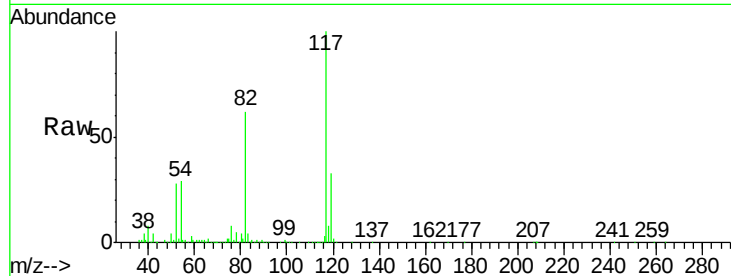
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. 0.01 min
Lab File: VL037220.D
Acq: 22 Jun 2021 17:11

Instrument :
MSVOA_L
ClientSampleId :
QC062121 CAN 10792

Tot Ion	Ratio	Lower	Upper
117	100		
82	65.8	51.7	77.5
119	34.9	47.6	71.4#

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.464 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. 0.01 min
Lab File: VL037220.D
Acq: 22 Jun 2021 17:11

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.1	57.0	85.4
175	5.6	4.4	6.6

