

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073020\
 Data File : VL035279.D
 Acq On : 30 Jul 2020 14:02
 Operator : SY/AP
 Sample : OC CAN 10321
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC CAN 10321

Quant Time: Jul 31 05:06:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 29 07:14:29 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	5.66	49	1068311	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2609173	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2429106	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1997427	10.29	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.90%

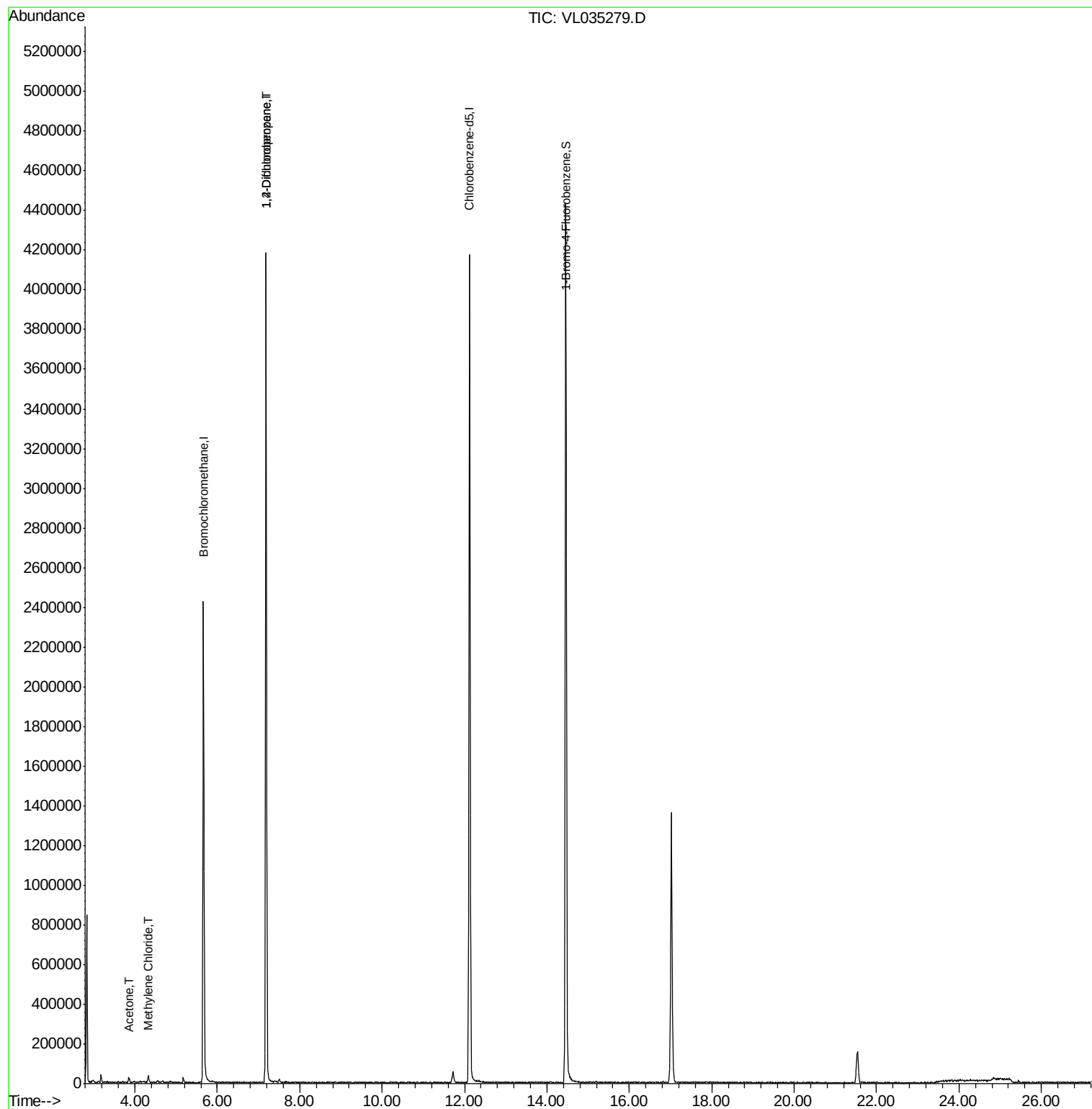
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.85	43	19781	0.139	ppbv #	30
20) Methylene Chloride	4.32	84	5542	0.085	ppbv #	85
39) 1,2-Dichloropropane	7.18	63	705911	9.757	ppbv #	23

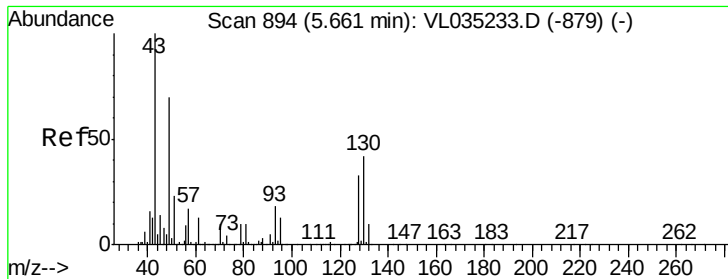
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 31 05:06:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 29 07:14:29 2020
QLast Update : Wed Jul 29 07:14:29 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. 0.00 min

Lab File: VL035279.D

Acq: 30 Jul 2020 14:02

Instrument :

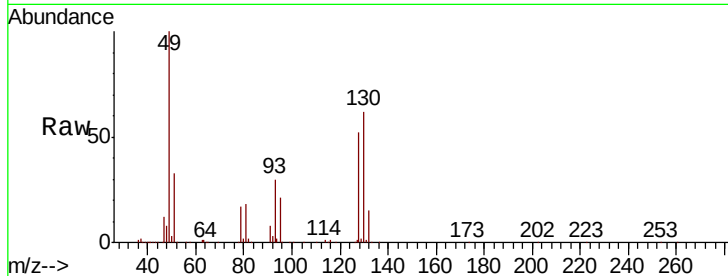
MSVOA_L

ClientSampleId :

QC CAN 10321

Tot Ion: 49 Resp: 1068311

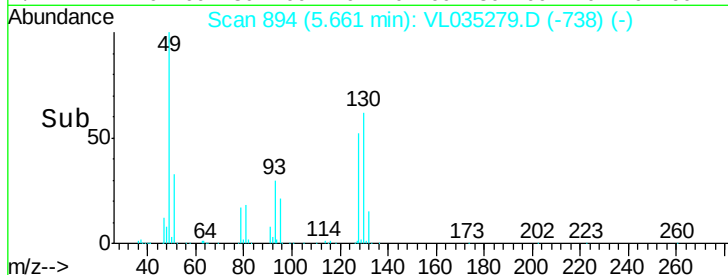
Ion	Ratio	Lower	Upper
49	100		
128	49.4	24.0	72.0
130	64.0	30.7	92.1



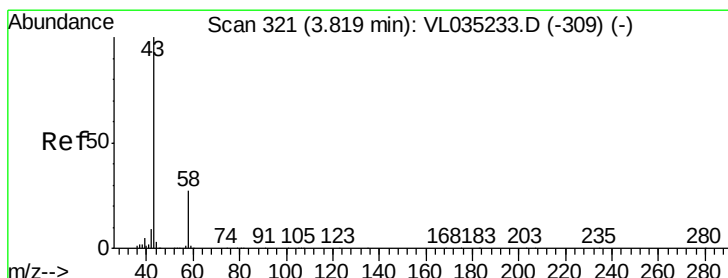
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->



#15

Acetone

Concen: 0.139 ppbv

RT: 3.85 min Scan# 331

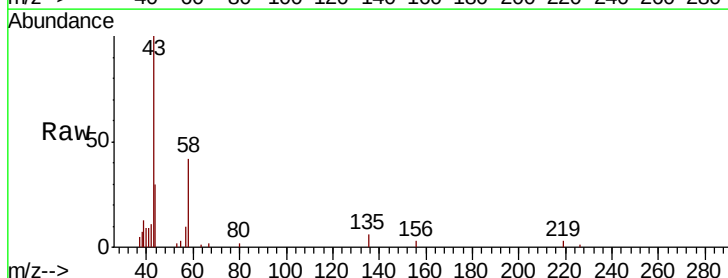
Delta R.T. 0.03 min

Lab File: VL035279.D

Acq: 30 Jul 2020 14:02

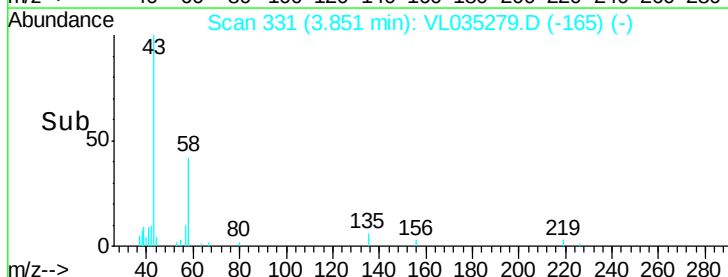
Tgt Ion: 43 Resp: 19781

Ion	Ratio	Lower	Upper
43	100		
58	63.7	21.8	32.6

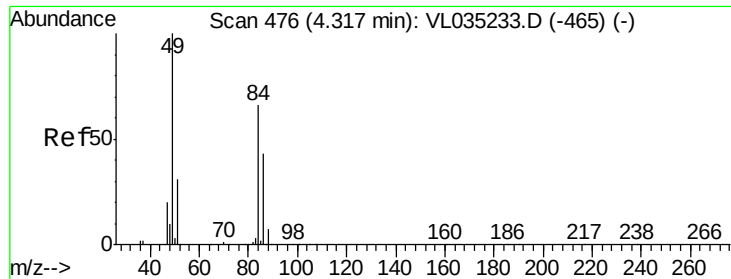


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



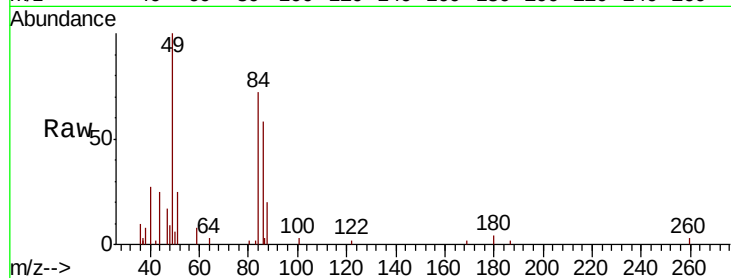
Time-->



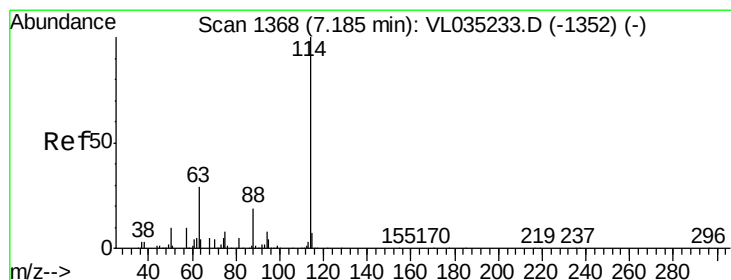
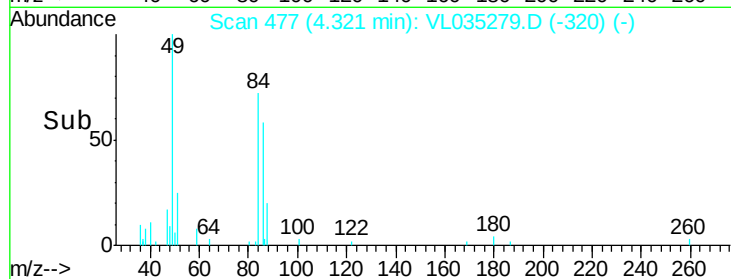
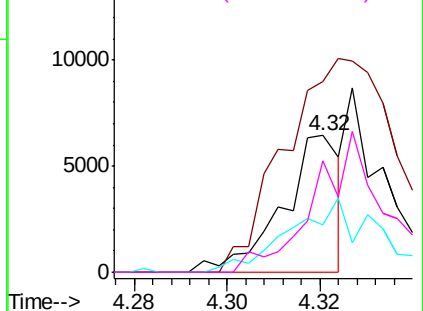
#20
Methylene Chloride
Concen: 0.085 ppbv
RT: 4.32 min Scan# 477
Delta R.T. 0.00 min
Lab File: VL035279.D
Acq: 30 Jul 2020 14:02

Instrument :
MSVOA_L
ClientSampleId :
QC CAN 10321

Tot Ion: 84 Resp: 5542
Ion Ratio Lower Upper
84 100
49 139.1 121.0 181.4
51 34.4 37.7 56.5#
86 85.8 52.2 78.4#

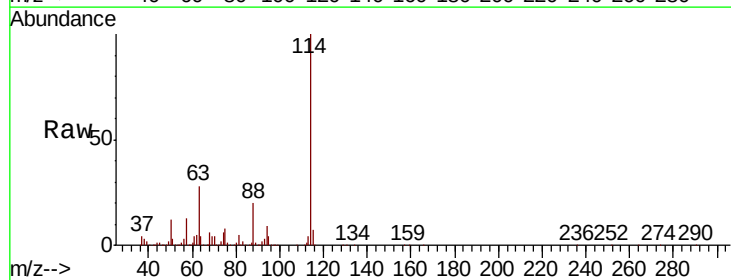


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

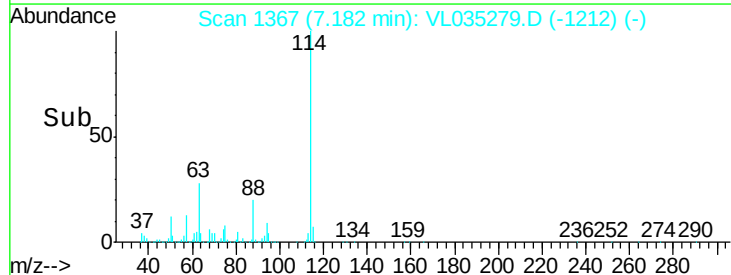
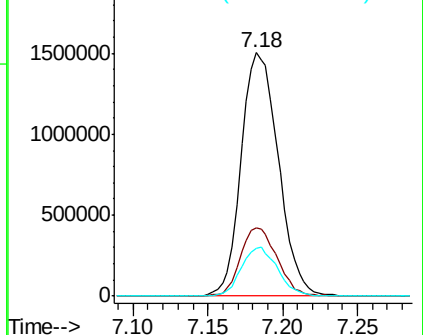


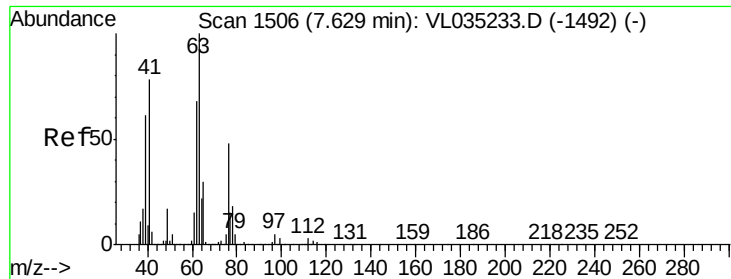
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VL035279.D
Acq: 30 Jul 2020 14:02

Tgt Ion: 114 Resp: 2609173
Ion Ratio Lower Upper
114 100
63 27.8 22.2 33.2
88 19.6 15.4 23.0



Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0





#39

1,2-Dichloropropane

Concen: 9.757 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. -0.45 min

Lab File: VL035279.D

Acq: 30 Jul 2020 14:02

Instrument :

MSVOA_L

ClientSampleId :

QC CAN 10321

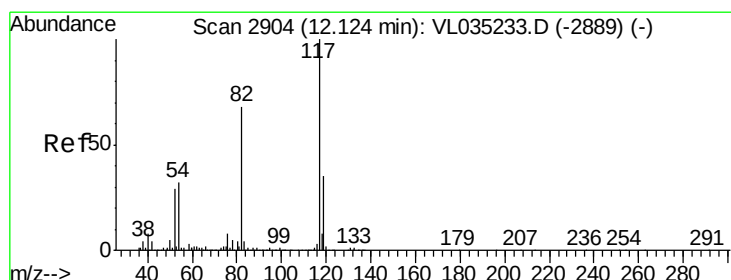
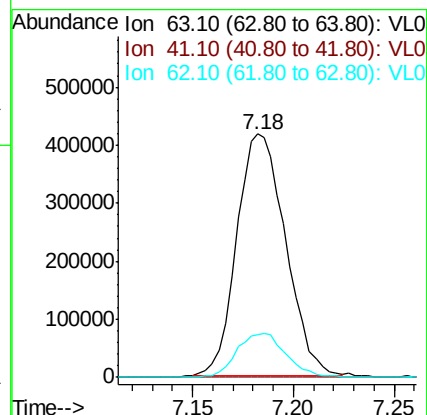
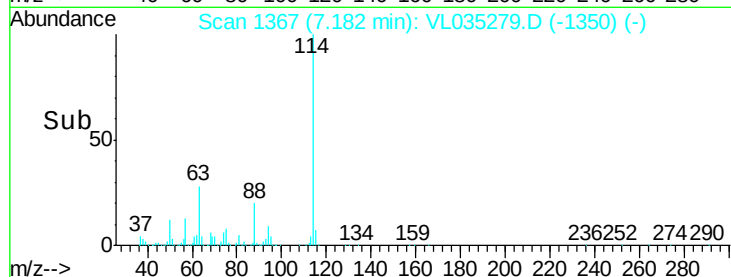
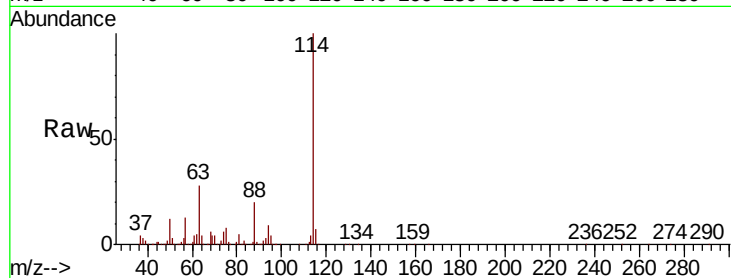
Tot Ion: 63 Resp: 705911

Ion Ratio Lower Upper

63 100

41 0.0 62.2 93.4#

62 17.6 54.2 81.2#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.12 min Scan# 2903

Delta R.T. -0.00 min

Lab File: VL035279.D

Acq: 30 Jul 2020 14:02

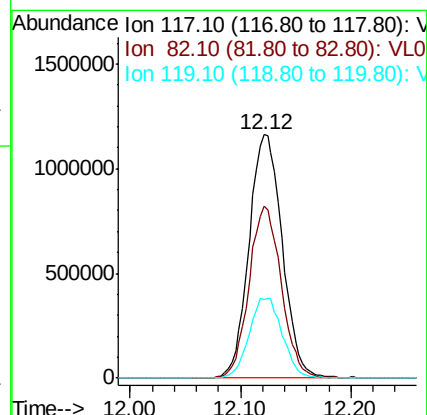
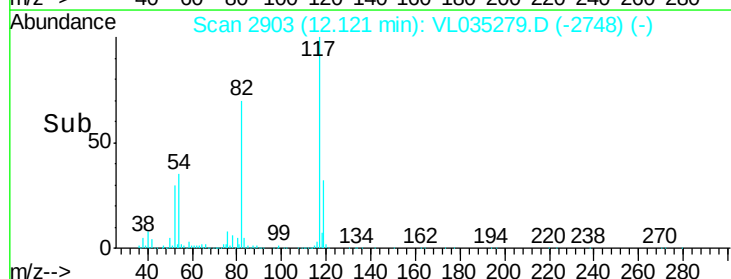
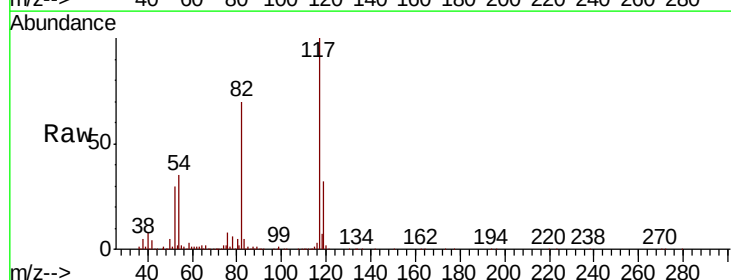
Tgt Ion: 117 Resp: 2429106

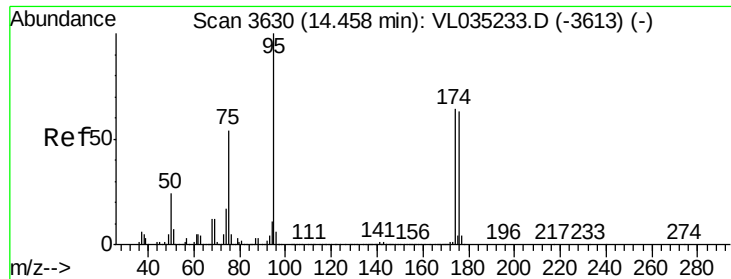
Ion Ratio Lower Upper

117 100

82 68.7 52.4 78.6

119 33.1 24.6 36.8





#68

1-Bromo-4-Fluorobenzene

Concen: 10.291 ppbv

RT: 14.46 min Scan# 3630

Delta R.T. 0.00 min

Lab File: VL035279.D

Acq: 30 Jul 2020 14:02

Instrument :

MSVOA_L

ClientSampleId :

QC CAN 10321

Tot Ion: 95 Resp: 1997427

Ion Ratio Lower Upper

95 100

174 64.8 52.7 79.1

175 4.9 3.9 5.9

