

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072120\
 Data File : VL035213.D
 Acq On : 21 Jul 2020 14:05
 Operator : SY/AP
 Sample : 071320 CAN 10473
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 071320 CAN 10473

Quant Time: Jul 22 00:47:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070820AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08 07:05:23 2020
 QLast Update : Wed Jul 08 07:05:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1080923	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2605235	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2472408	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2001314	9.96	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

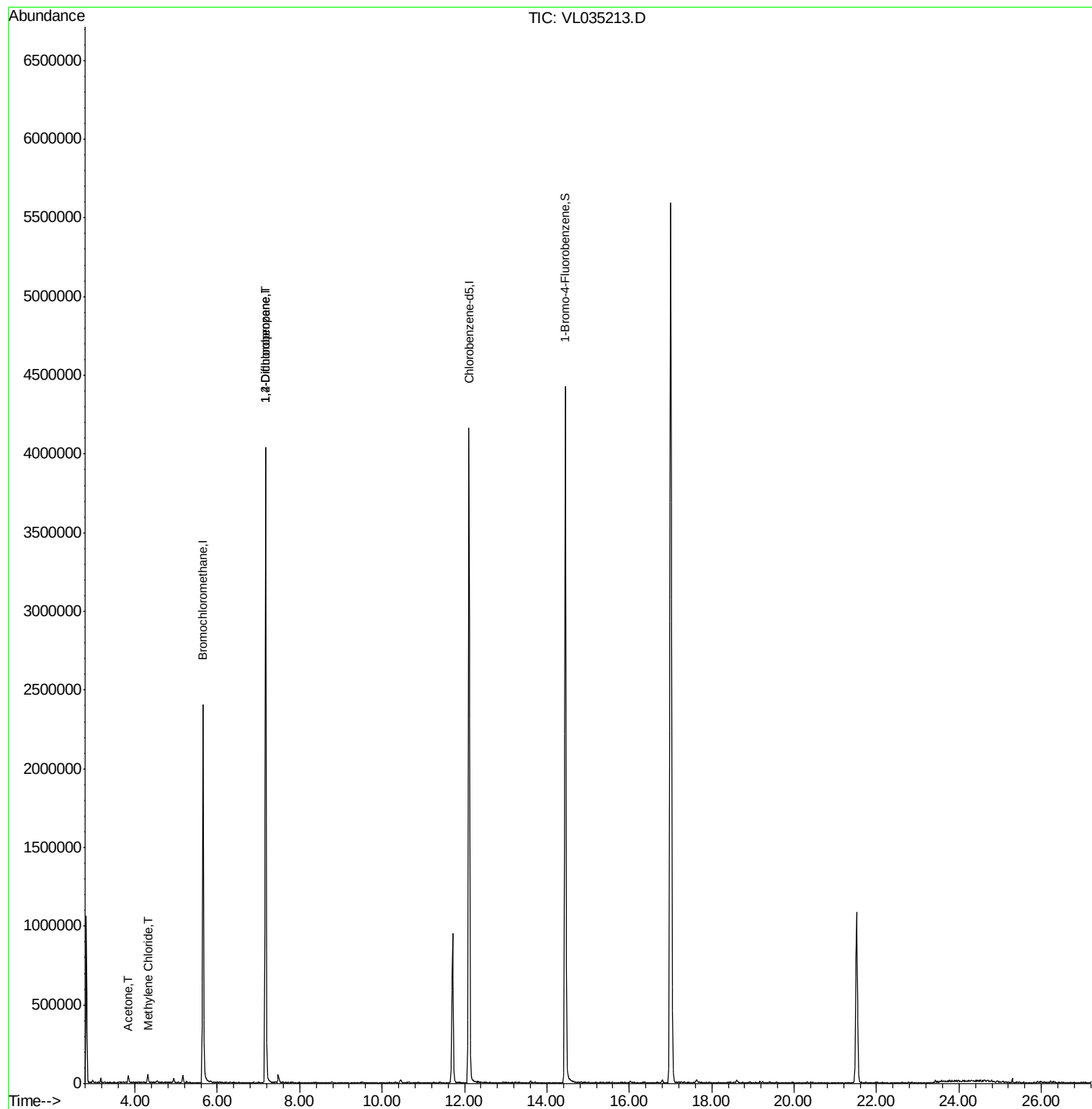
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.83	43	40061	0.274	ppbv #	59
20) Methylene Chloride	4.31	84	7683	0.121	ppbv #	84
39) 1,2-Dichloropropane	7.17	63	704129	9.390	ppbv #	23

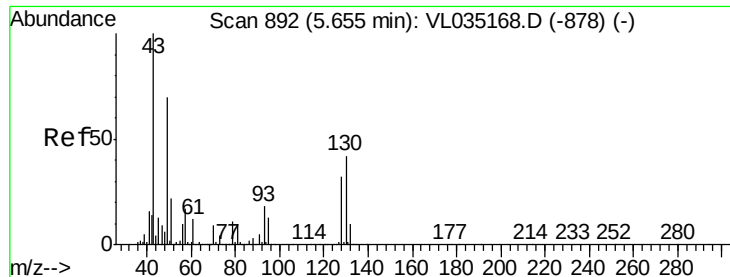
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.01 min

Lab File: VL035213.D

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Instrument :

MSVOA_L

ClientSampleId :

071320 CAN 10473

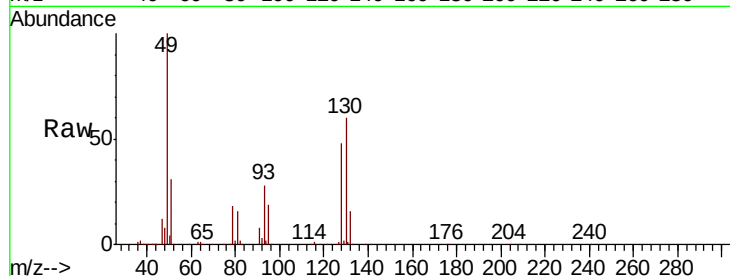
Tot Ion: 49 Resp: 1080923

Ion Ratio Lower Upper

49 100

128 49.5 23.8 71.4

130 62.6 29.9 89.8



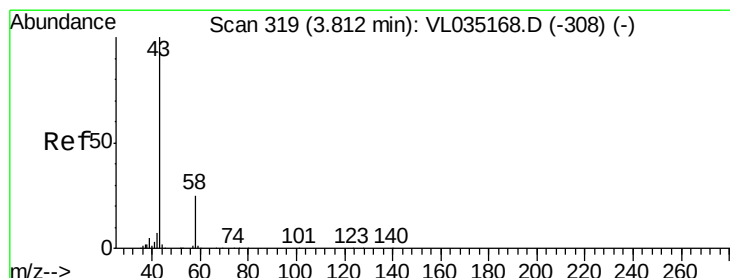
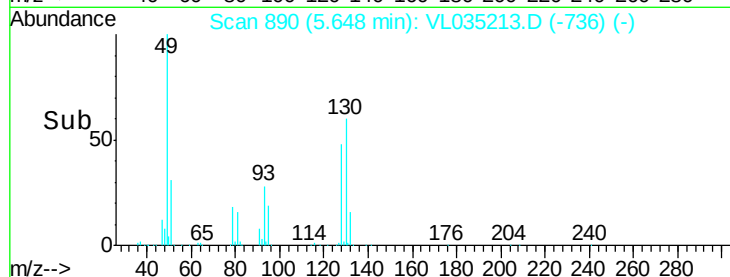
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.65

Time-->



#15

Acetone

Concen: 0.274 ppbv

RT: 3.83 min Scan# 326

Delta R.T. 0.02 min

Lab File: VL035213.D

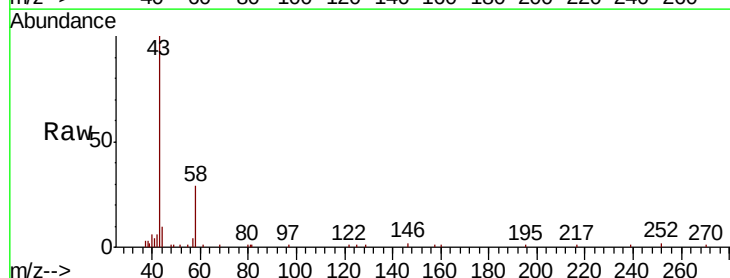
Acq: 21 Jul 2020 14:05

Tgt Ion: 43 Resp: 40061

Ion Ratio Lower Upper

43 100

58 47.8 21.3 31.9#

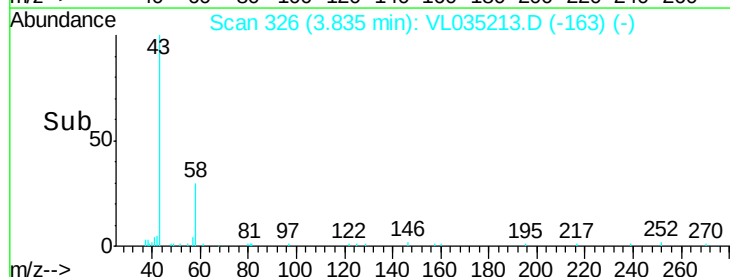


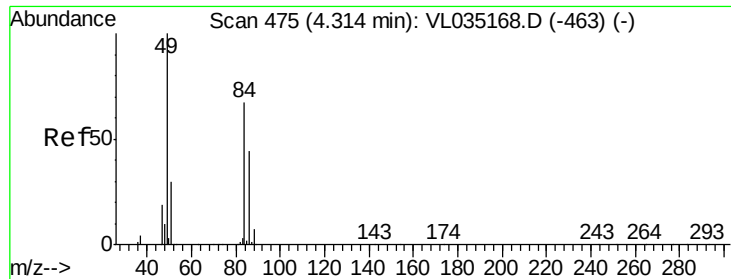
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.83

Time-->

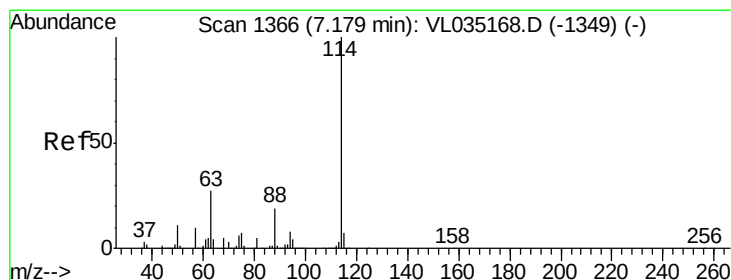
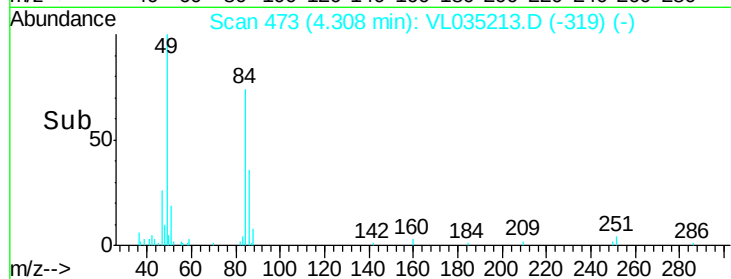
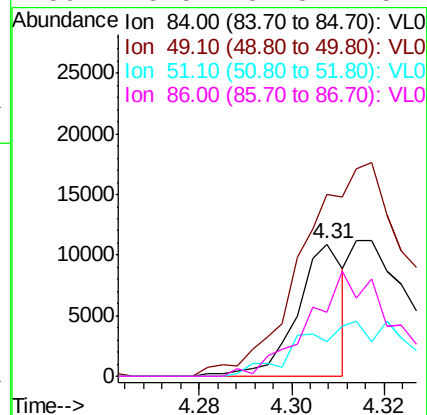
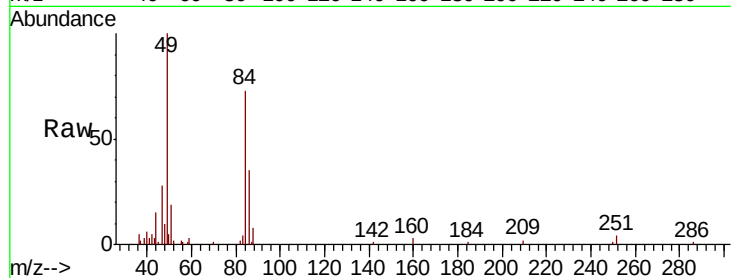




#20
Methylene Chloride
Concen: 0.121 ppbv
RT: 4.31 min Scan# 473
Delta R.T. -0.01 min
Lab File: VL035213.D
Acq: 21 Jul 2020 14:05

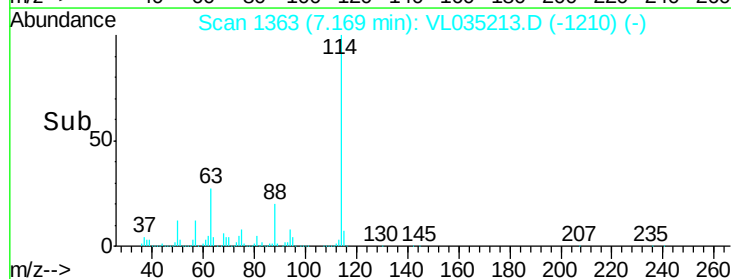
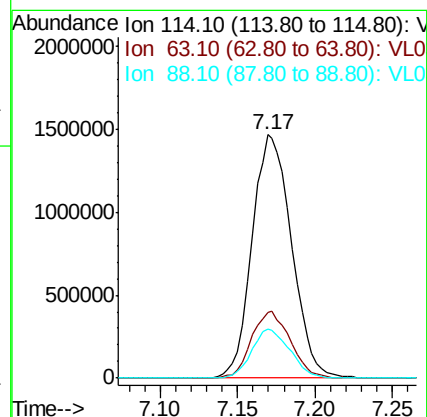
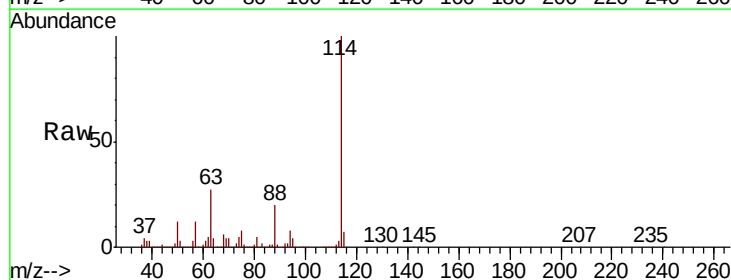
Instrument :
MSVOA_L
ClientSampleId :
071320 CAN 10473

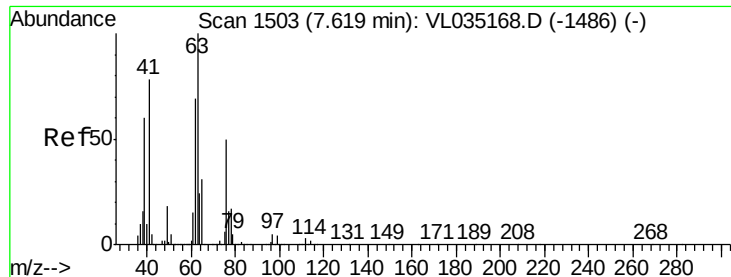
Tot Ion: 84 Resp: 7683
Ion Ratio Lower Upper
84 100
49 136.9 119.4 179.0
51 26.0 36.6 55.0#
86 48.5 52.5 78.7#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL035213.D
Acq: 21 Jul 2020 14:05

Tgt Ion: 114 Resp: 2605235
Ion Ratio Lower Upper
114 100
63 27.2 22.0 33.0
88 19.7 15.4 23.0





#39

1,2-Dichloropropane

Concen: 9.390 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. -0.45 min

Lab File: VL035213.D

Acq: 21 Jul 2020 14:05

Instrument :

MSVOA_L

ClientSampleId :

071320 CAN 10473

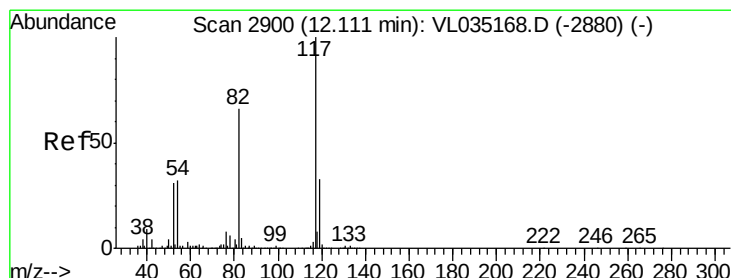
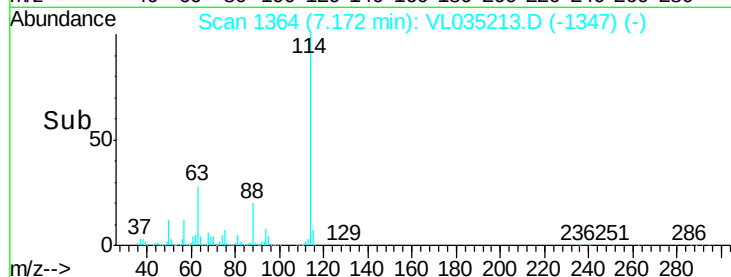
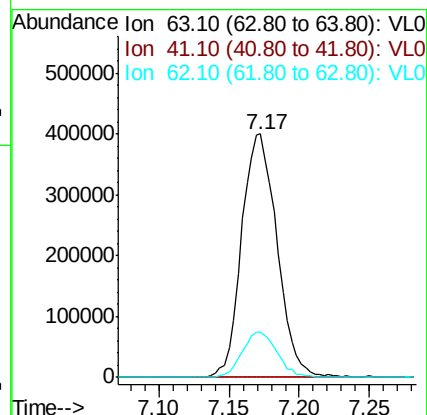
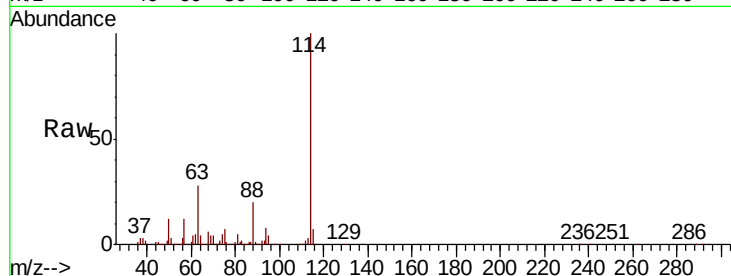
Tot Ion: 63 Resp: 704129

Ion Ratio Lower Upper

63 100

41 0.0 62.6 94.0#

62 18.5 55.0 82.6#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.11 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VL035213.D

Acq: 21 Jul 2020 14:05

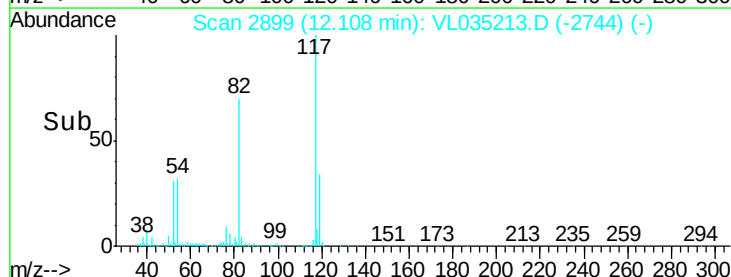
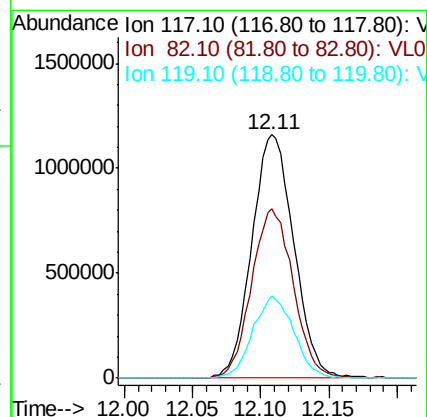
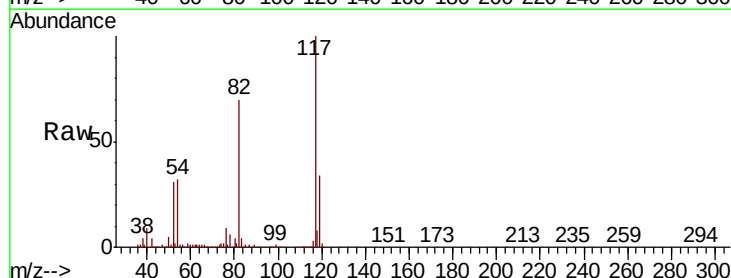
Tgt Ion: 117 Resp: 2472408

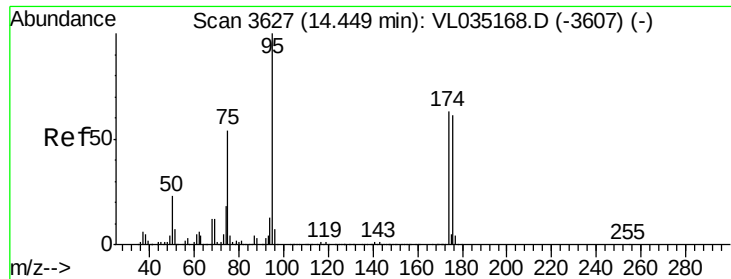
Ion Ratio Lower Upper

117 100

82 69.1 52.3 78.5

119 33.1 24.9 37.3





#68

1-Bromo-4-Fluorobenzene

Concen: 9.964 ppbv

RT: 14.45 min Scan# 3626

Delta R.T. -0.00 min

Lab File: VL035213.D

Acq: 21 Jul 2020 14:05

Instrument :

MSVOA_L

ClientSampleId :

071320 CAN 10473

Tot Ion: 95 Resp: 2001314

Ion Ratio Lower Upper

95 100

174 64.9 52.2 78.2

175 4.8 4.0 6.0

