

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121719\
 Data File : VL034494.D
 Acq On : 17 Dec 2019 15:16
 Operator : SY/AP
 Sample : VL1217ABL01
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1217ABL01

Quant Time: Dec 18 04:20:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Nov 19 14:15:35 2019
 QLast Update : Tue Nov 19 14:15:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	881355	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1750674	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.14	117	1752153	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1502302	10.19	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.90%

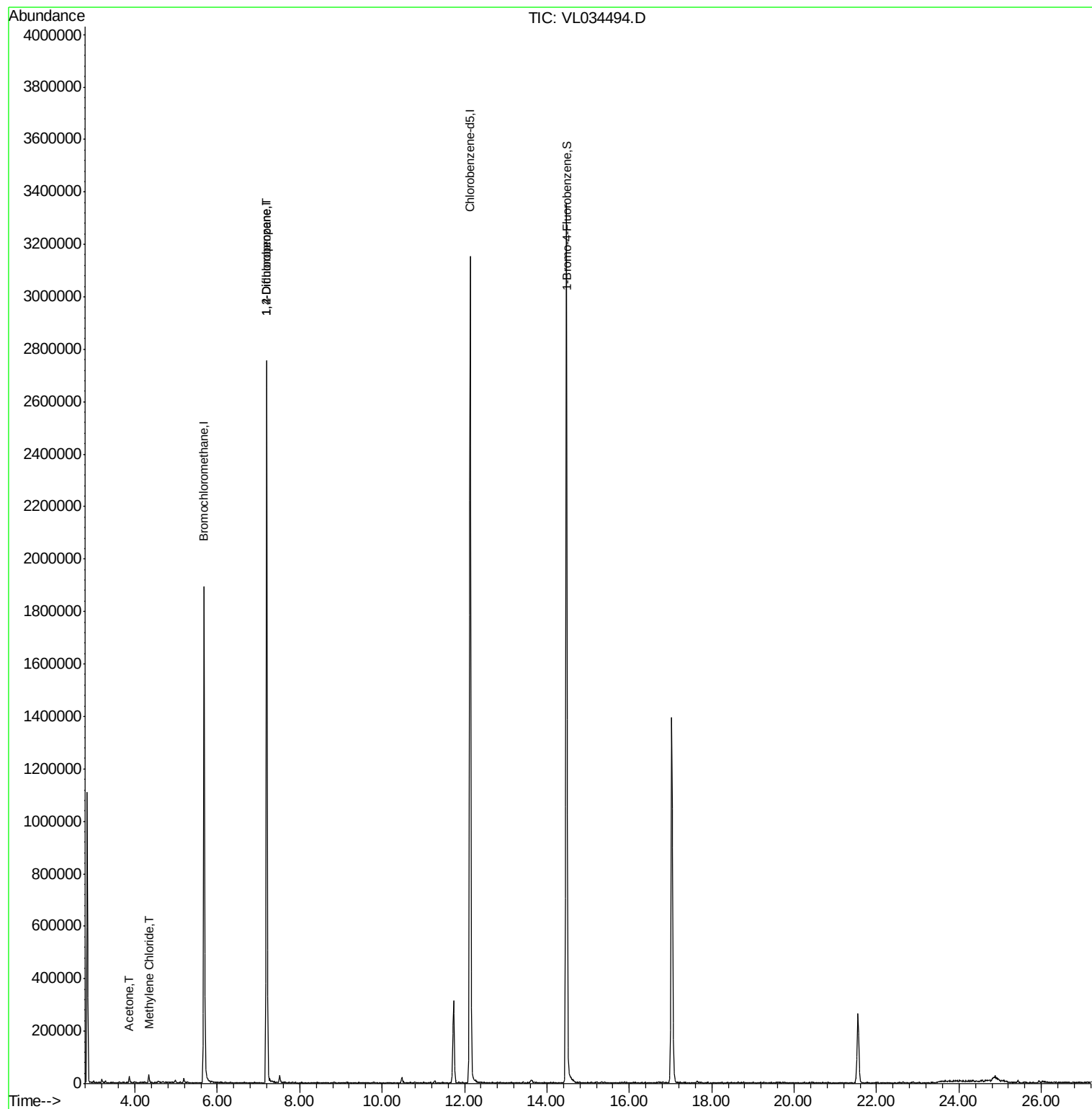
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.86	43	24420	0.193	ppbv #	79
20) Methylene Chloride	4.34	84	7327	0.164	ppbv #	83
39) 1,2-Dichloropropane	7.20	63	510790	7.576	ppbv #	25

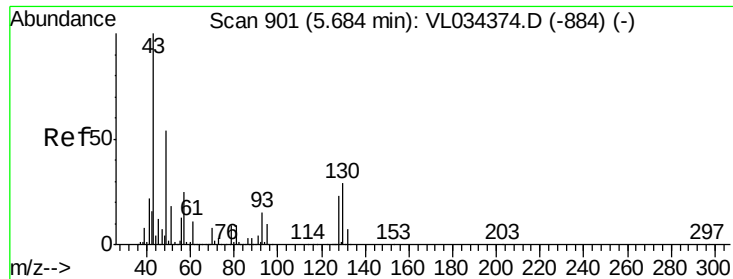
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 19 14:15:35 2019
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Response via : Initial Calibration

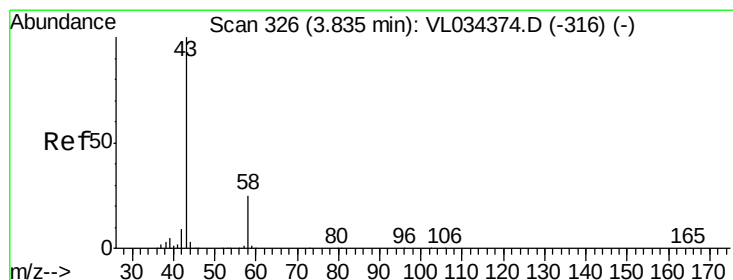
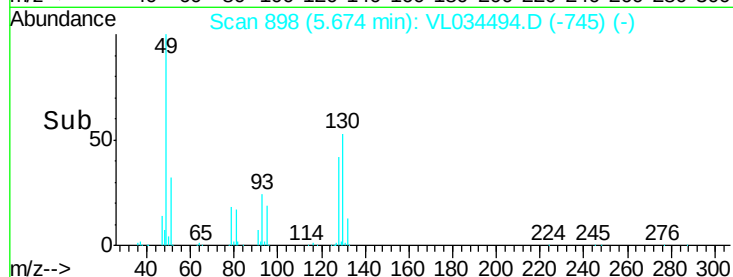
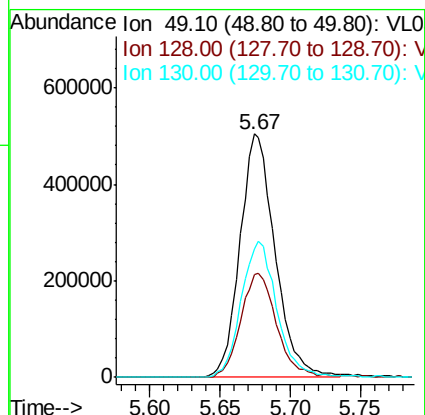
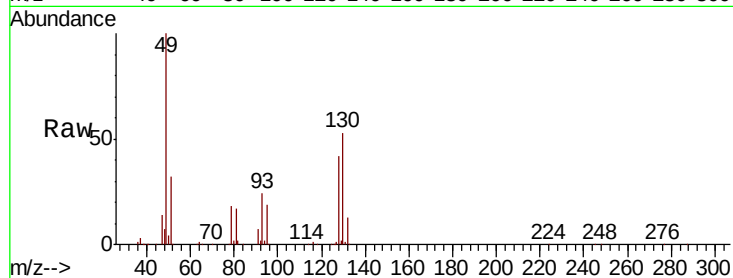




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VL034494.D
 Acq: 17 Dec 2019 15:16

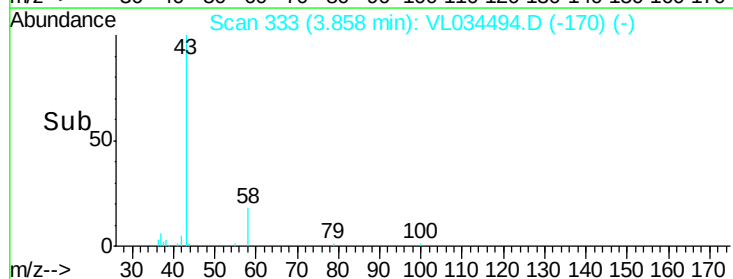
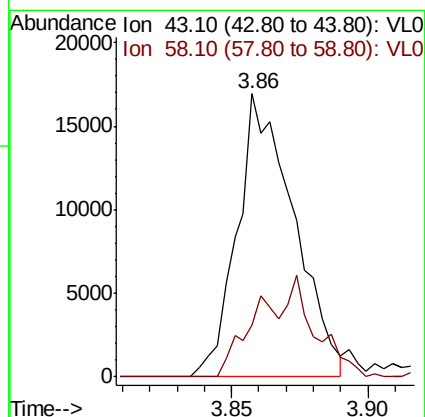
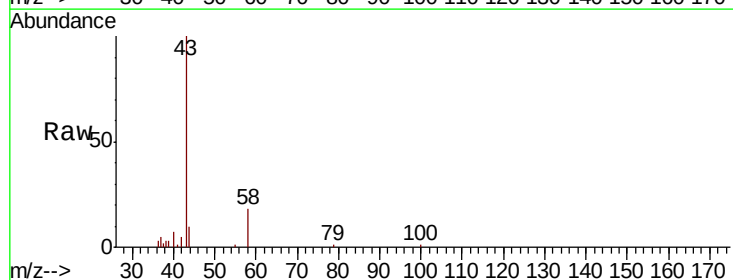
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1217ABL01

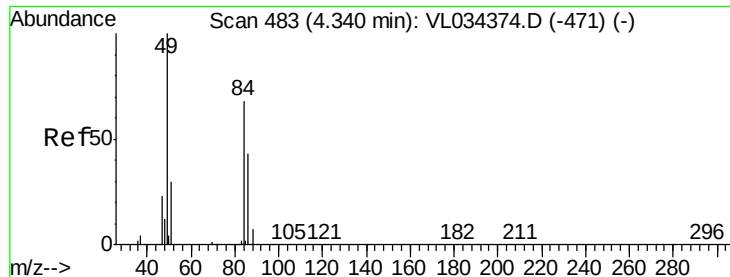
Tgt Ion: 49 Resp: 881355
 Ion Ratio Lower Upper
 49 100
 128 44.6 21.8 65.3
 130 57.8 28.0 84.0



#15
 Acetone
 Concen: 0.193 ppbv
 RT: 3.86 min Scan# 333
 Delta R.T. 0.02 min
 Lab File: VL034494.D
 Acq: 17 Dec 2019 15:16

Tgt Ion: 43 Resp: 24420
 Ion Ratio Lower Upper
 43 100
 58 35.7 20.2 30.4#

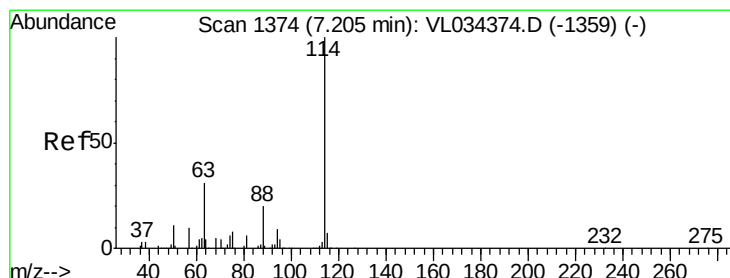
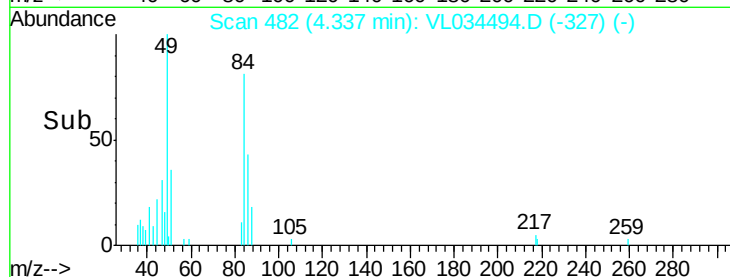
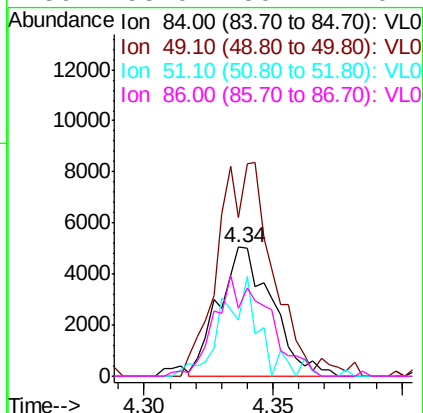
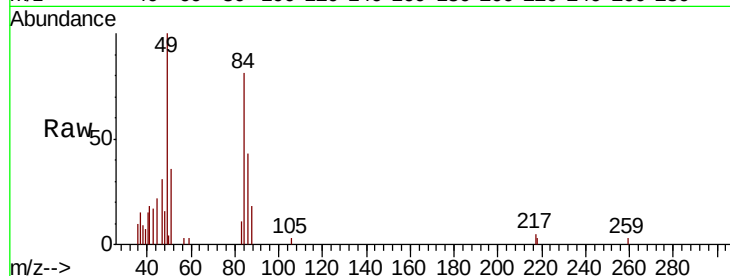




#20
Methylene Chloride
Concen: 0.164 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.00 min
Lab File: VL034494.D
Acq: 17 Dec 2019 15:16

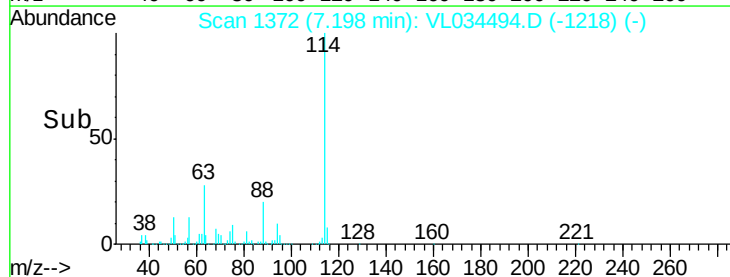
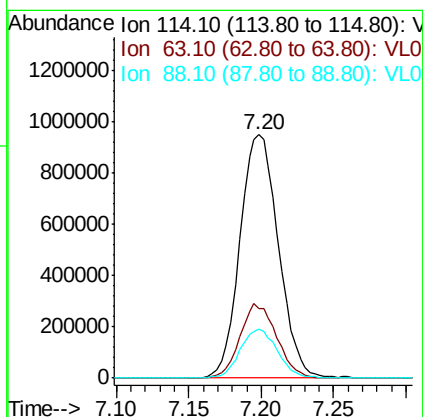
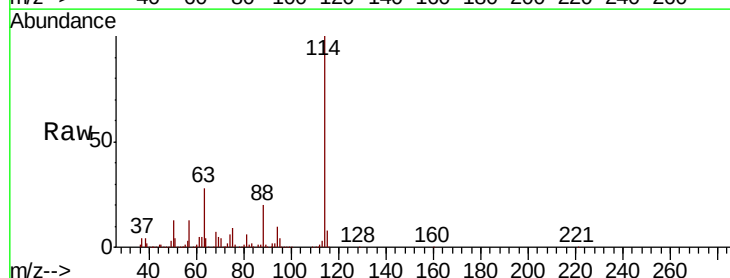
Instrument :
MSVOA_L
ClientSampleId :
VL1217ABL01

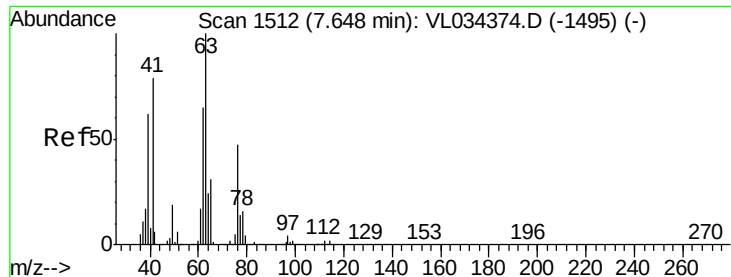
Tgt Ion: 84 Resp: 7327
Ion Ratio Lower Upper
84 100
49 116.6 116.8 175.2#
51 44.0 35.6 53.4
86 53.0 50.7 76.1



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1372
Delta R.T. -0.01 min
Lab File: VL034494.D
Acq: 17 Dec 2019 15:16

Tgt Ion: 114 Resp: 1750674
Ion Ratio Lower Upper
114 100
63 29.2 24.2 36.4
88 19.6 15.9 23.9





#39

1,2-Dichloropropane

Concen: 7.576 ppbv

RT: 7.20 min Scan# 1371

Delta R.T. -0.45 min

Lab File: VL034494.D

Acq: 17 Dec 2019 15:16

Instrument :

MSVOA_L

ClientSampleId :

VL1217ABL01

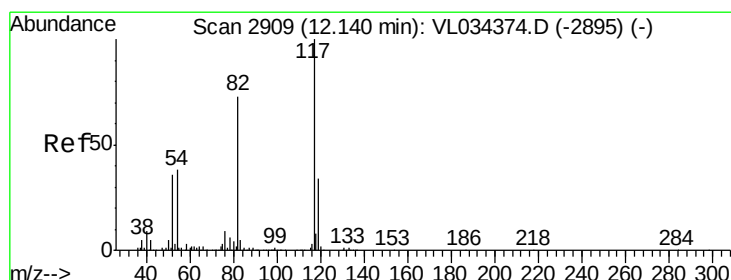
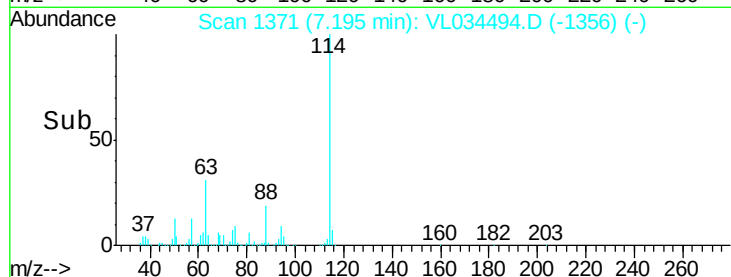
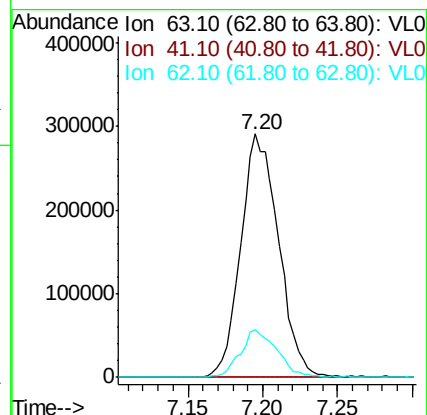
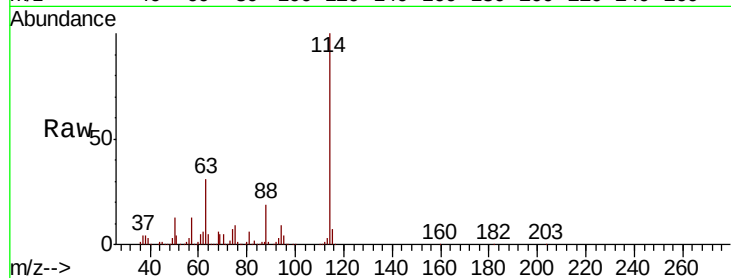
Tgt Ion: 63 Resp: 510790

Ion Ratio Lower Upper

63 100

41 0.0 63.1 94.7#

62 19.7 52.3 78.5#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.14 min Scan# 2908

Delta R.T. -0.00 min

Lab File: VL034494.D

Acq: 17 Dec 2019 15:16

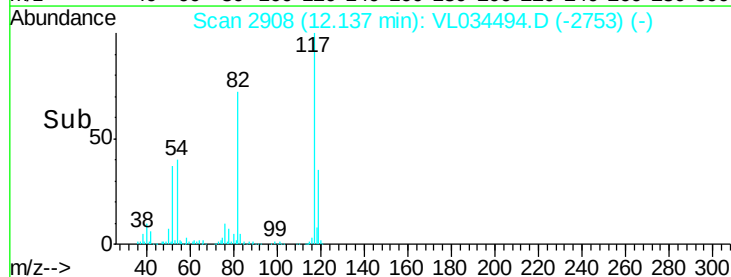
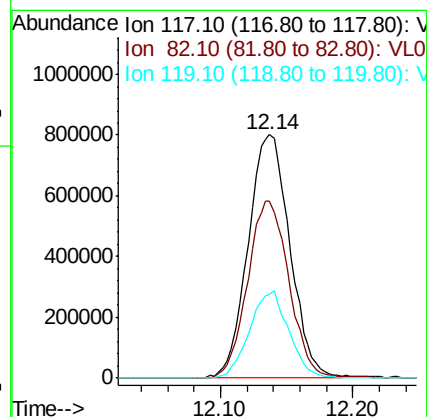
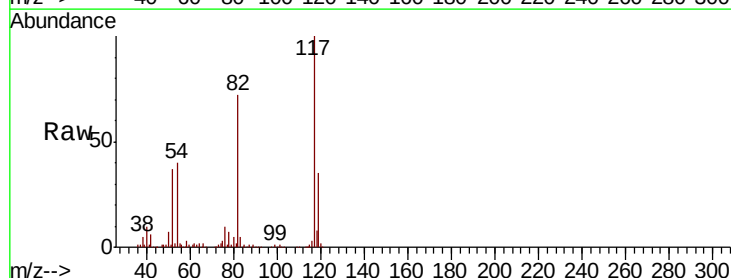
Tgt Ion: 117 Resp: 1752153

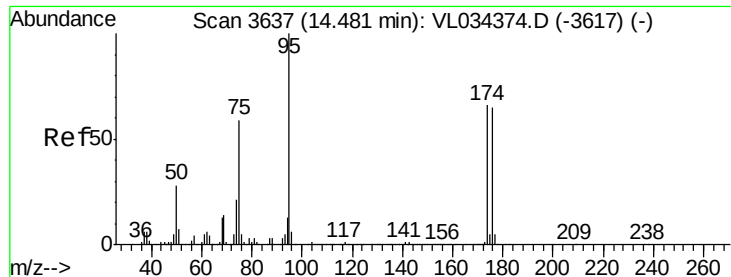
Ion Ratio Lower Upper

117 100

82 72.7 57.5 86.3

119 33.9 25.4 38.2





#68

1-Bromo-4-Fluorobenzene

Concen: 10.192 ppbv

RT: 14.47 min Scan# 3635

Delta R.T. -0.01 min

Lab File: VL034494.D

Acq: 17 Dec 2019 15:16

Instrument :

MSVOA_L

ClientSampleId :

VL1217ABL01

Tgt Ion: 95 Resp: 1502302

Ion Ratio Lower Upper

95 100

174 64.4 52.2 78.2

175 4.7 3.8 5.8

