

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120319\
Quantitation Report (Not Reviewed)

Data File : VL034454.D
Acq On : 3 Dec 2019 10:58
Operator : SY/AP
Sample : VL1203ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1203ABL01

Quant Time: Dec 03 12:14:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-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	5.68	49	1033946	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	2025168	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.15	117	2002722	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.48	95	1713213	10.17	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

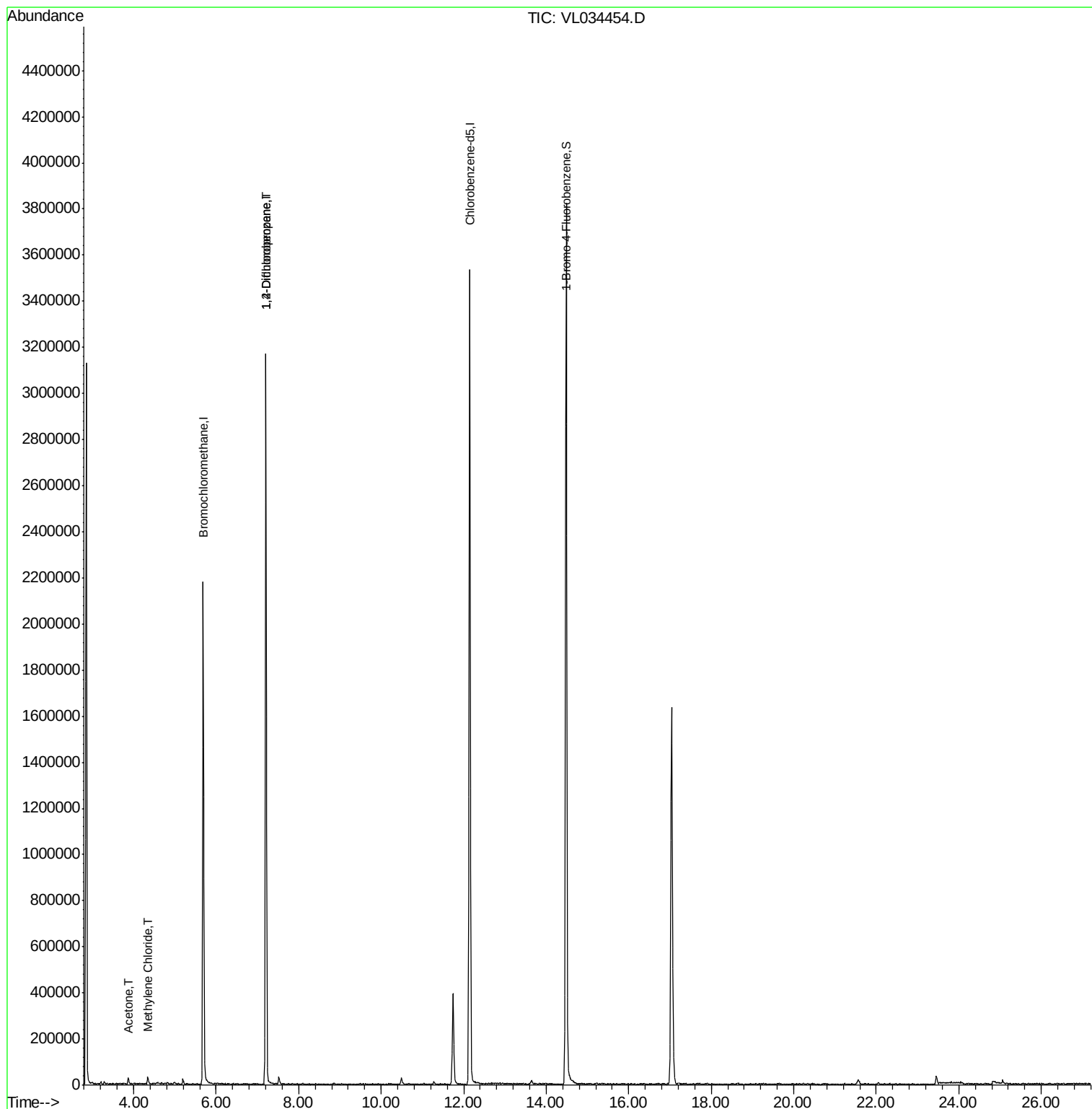
Target Compounds					Qvalue	
15) Acetone	3.86	43	12959	0.088	ppbv #	50
20) Methylene Chloride	4.34	84	6732	0.128	ppbv #	72
39) 1,2-Dichloropropane	7.20	63	602637	7.727	ppbv #	24

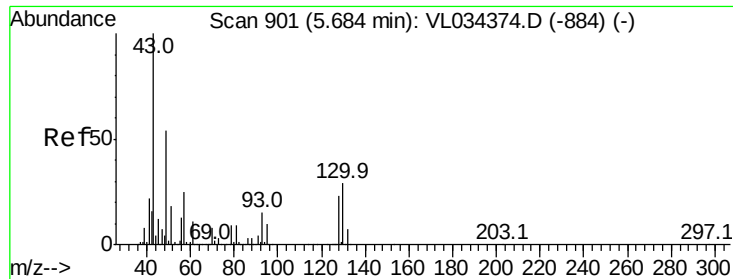
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. 0.00 min

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MSVOA_L

ClientSampleId :

VL1203ABL01

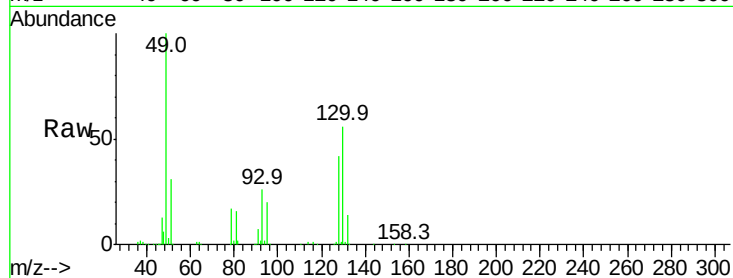
Tgt Ion: 49 Resp: 1033946

Ion Ratio Lower Upper

49 100

128 43.3 21.8 65.3

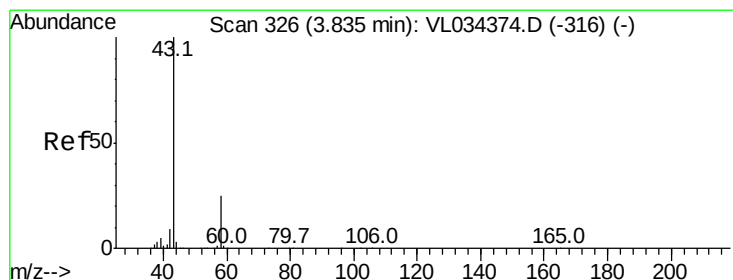
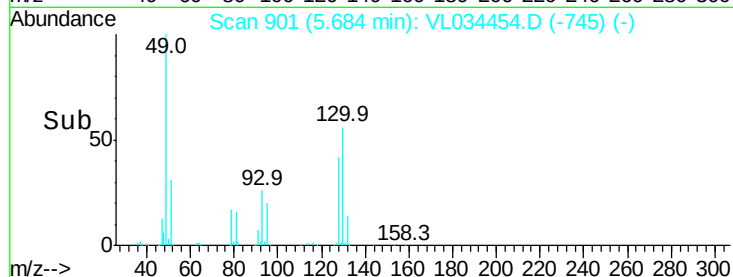
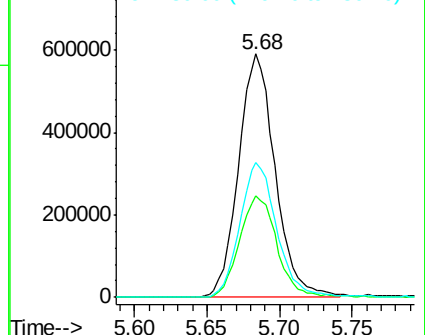
130 56.5 28.0 84.0



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



#15

Acetone

Concen: 0.088 ppbv

RT: 3.86 min Scan# 335

Delta R.T. 0.03 min

Lab File: VL034454.D

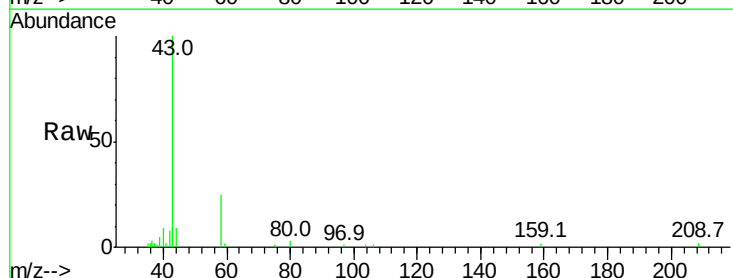
Acq: 3 Dec 2019 10:58

Tgt Ion: 43 Resp: 12959

Ion Ratio Lower Upper

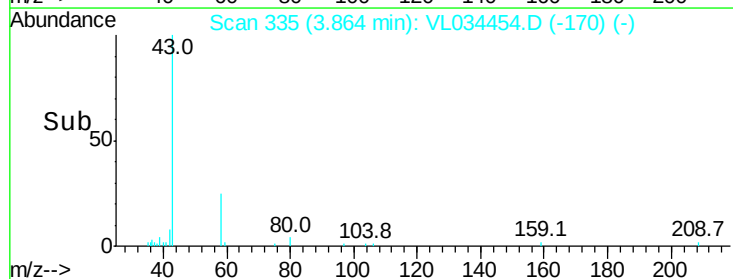
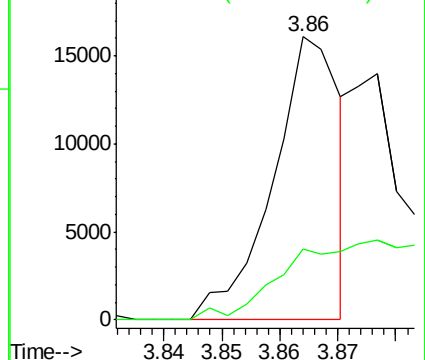
43 100

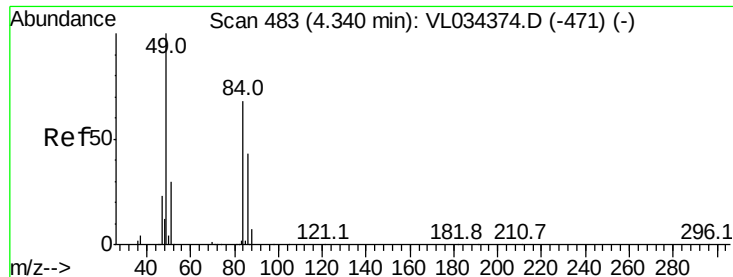
58 0.0 20.2 30.4#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

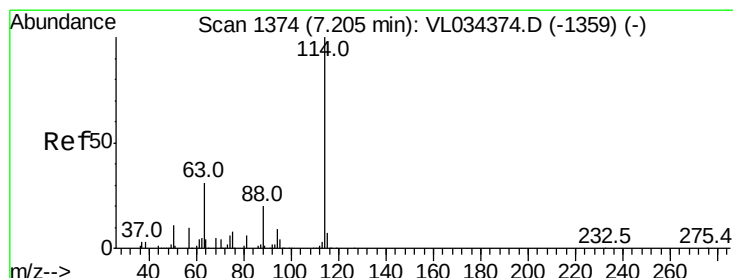
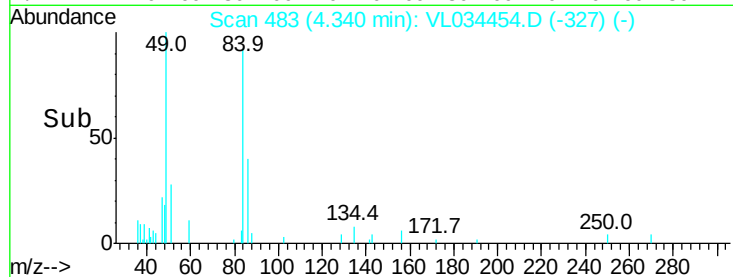
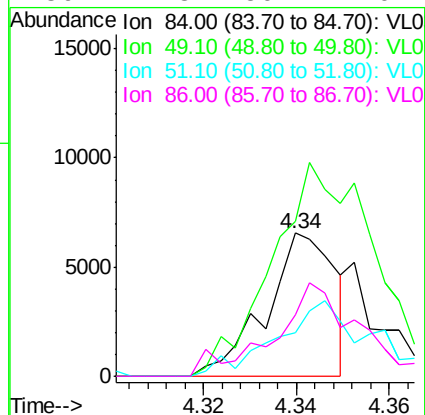
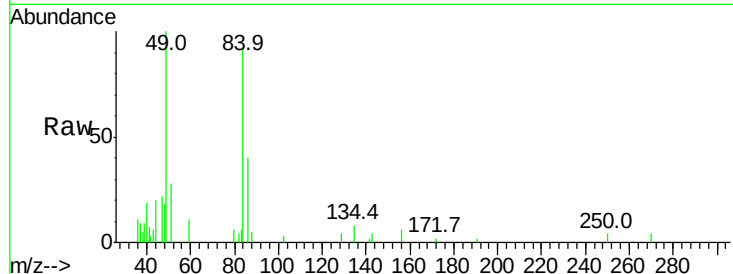




#20
Methylene Chloride
Concen: 0.128 ppbv
RT: 4.34 min Scan# 483
Delta R.T. 0.00 min
Lab File: VL034454.D
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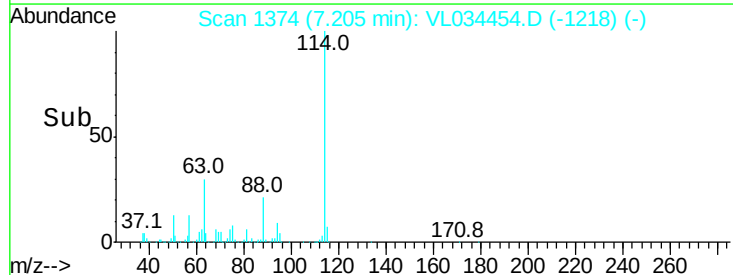
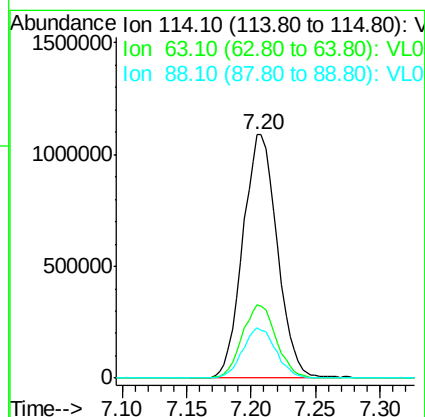
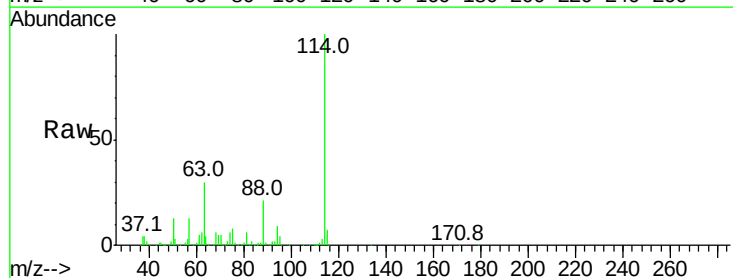
Instrument :
MSVOA_L
ClientSampleId :
VL1203ABL01

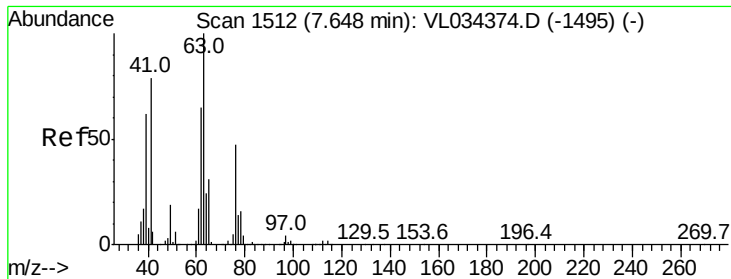
Tgt Ion: 84 Resp: 6732
Ion Ratio Lower Upper
84 100
49 108.3 116.8 175.2#
51 30.4 35.6 53.4#
86 42.8 50.7 76.1#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1374
Delta R.T. 0.00 min
Lab File: VL034454.D
Acq: 3 Dec 2019 10:58

Tgt Ion: 114 Resp: 2025168
Ion Ratio Lower Upper
114 100
63 29.8 24.2 36.4
88 19.9 15.9 23.9





#39

1,2-Dichloropropane

Concen: 7.727 ppbv

RT: 7.20 min Scan# 1374

Delta R.T. -0.44 min

Lab File: VL034454.D

Acq: 3 Dec 2019 10:58

Instrument :

MSVOA_L

ClientSampleId :

VL1203ABL01

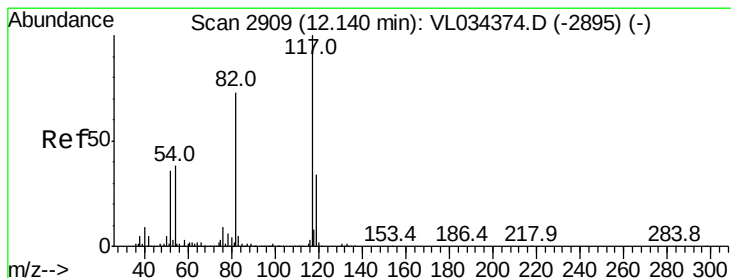
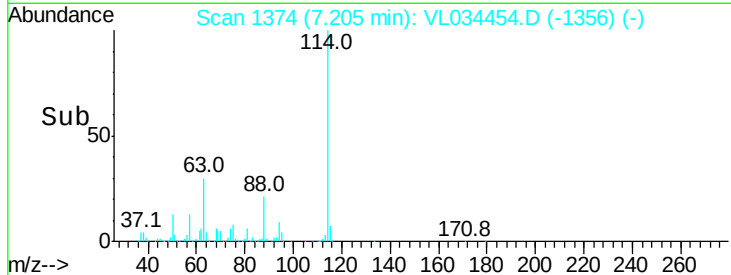
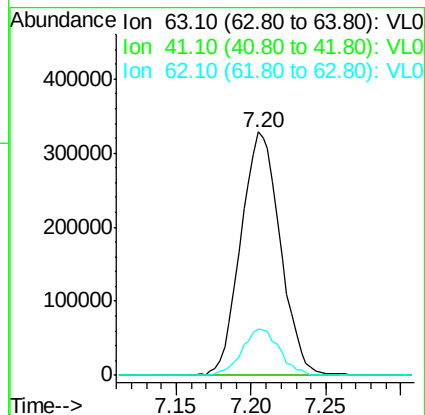
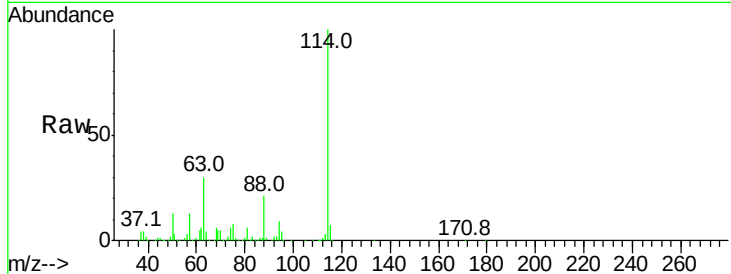
Tgt Ion: 63 Resp: 602637

Ion Ratio Lower Upper

63 100

41 0.0 63.1 94.7#

62 19.0 52.3 78.5#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.15 min Scan# 2911

Delta R.T. 0.01 min

Lab File: VL034454.D

Acq: 3 Dec 2019 10:58

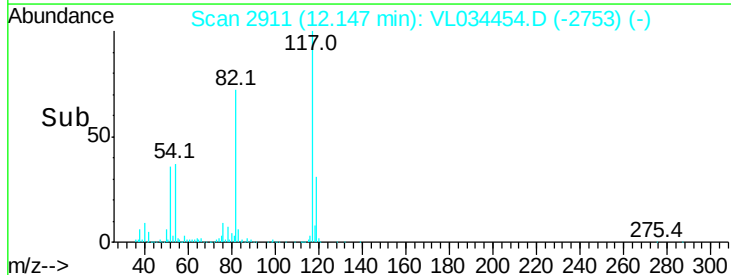
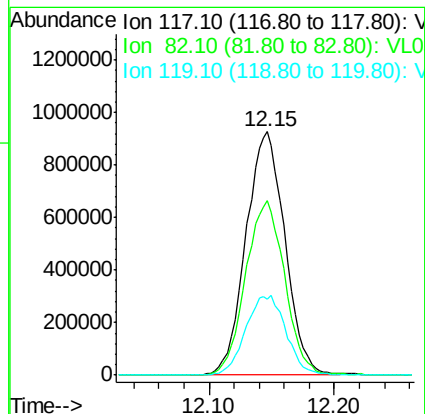
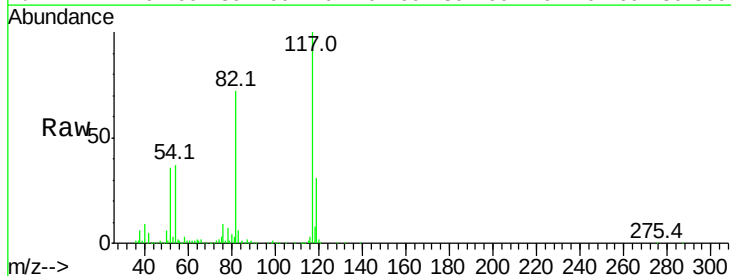
Tgt Ion: 117 Resp: 2002722

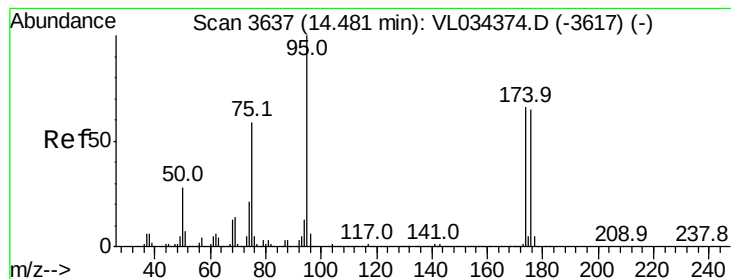
Ion Ratio Lower Upper

117 100

82 72.0 57.5 86.3

119 33.8 25.4 38.2





#68

1-Bromo-4-Fluorobenzene

Concen: 10.168 ppbv

RT: 14.48 min Scan# 3638

Delta R.T. 0.00 min

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Acq: 3 Dec 2019 10:58

Instrument :

MSVOA_L

ClientSampleId :

VL1203ABL01

Tgt Ion: 95 Resp: 1713213

Ion Ratio Lower Upper

95 100

174 65.9 52.2 78.2

175 4.7 3.8 5.8

