

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090820\
 Data File : VL035554.D
 Acq On : 8 Sep 2020 13:16
 Operator : SY/AP
 Sample : VL0908ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0908ABL01

Quant Time: Sep 09 02:34:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 27 06:46:28 2020
 QLast Update : Thu Aug 27 06:46:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1145002	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	4784719	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	4903063	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3571957	10.26	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

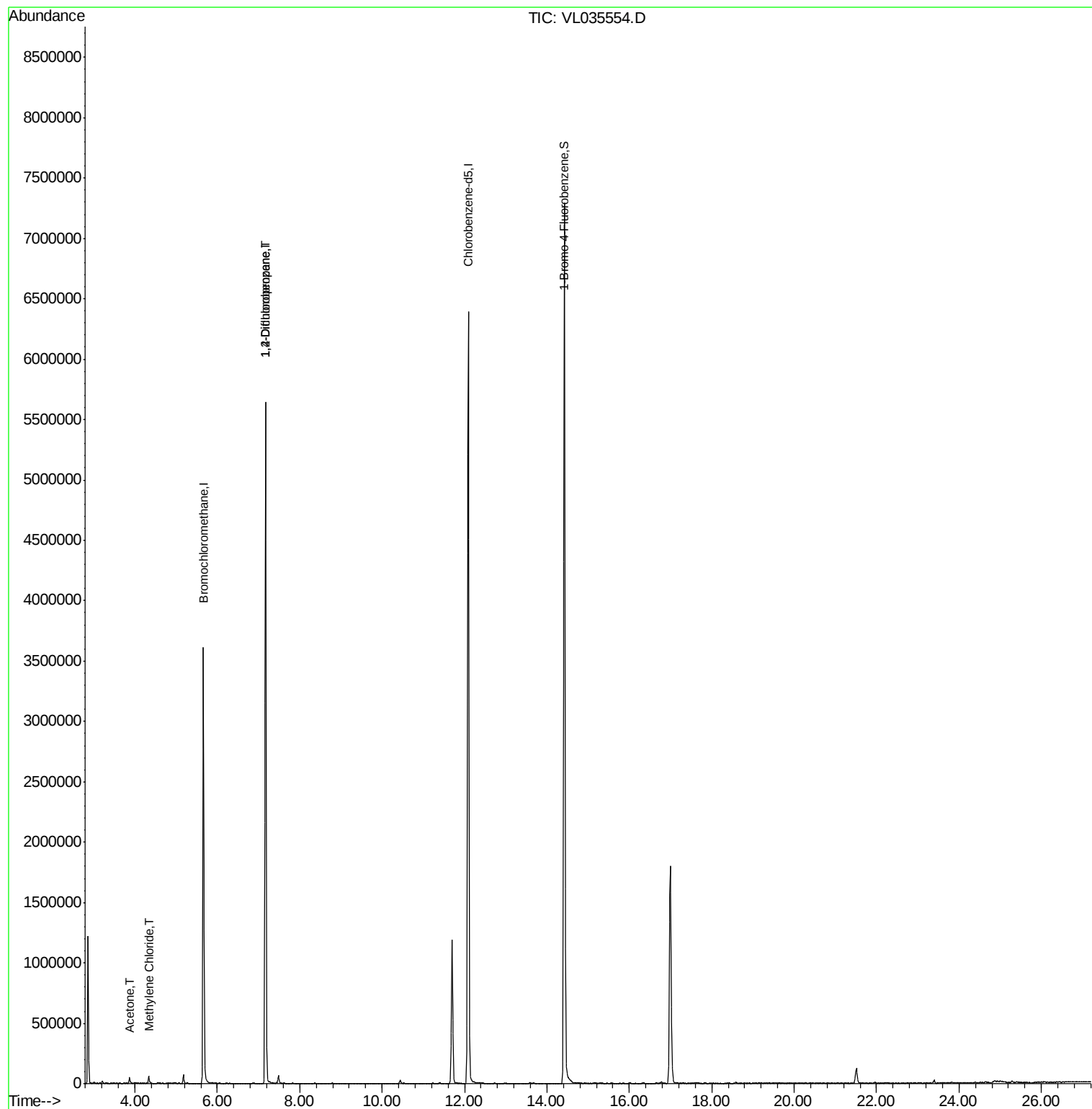
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.86	43	17666	0.140	ppbv #	39
20) Methylene Chloride	4.34	84	25652	0.273	ppbv #	94
39) 1,2-Dichloropropane	7.17	63	882532	8.435	ppbv #	32

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.02 min

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Instrument :
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ClientSampleId :
VL0908ABL01

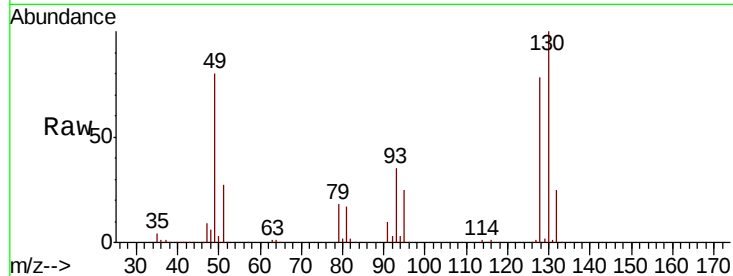
Tot Ion: 49 Resp: 1145002

Ion Ratio Lower Upper

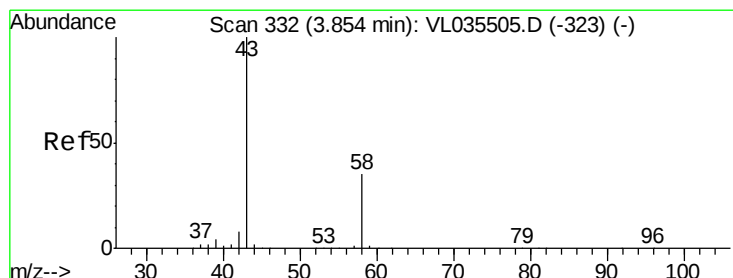
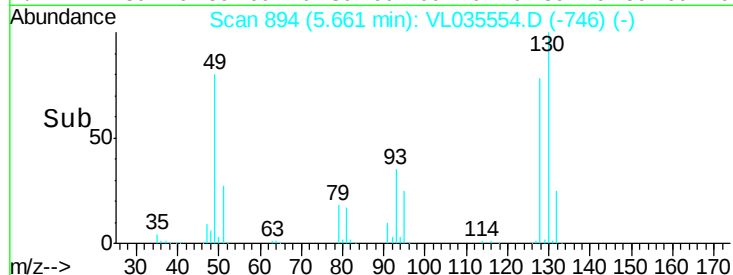
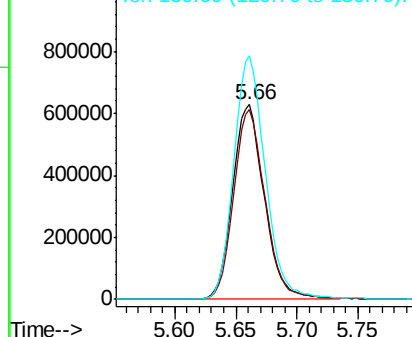
49 100

128 97.3 50.0 150.1

130 124.7 64.4 193.2



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



#15

Acetone

Concen: 0.140 ppbv

RT: 3.86 min Scan# 335

Delta R.T. 0.01 min

Lab File: VL035554.D

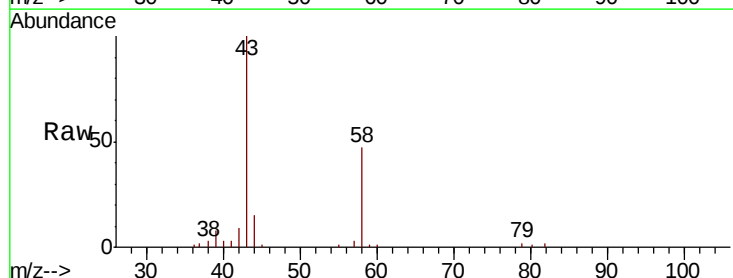
Acq: 8 Sep 2020 13:16

Tgt Ion: 43 Resp: 17666

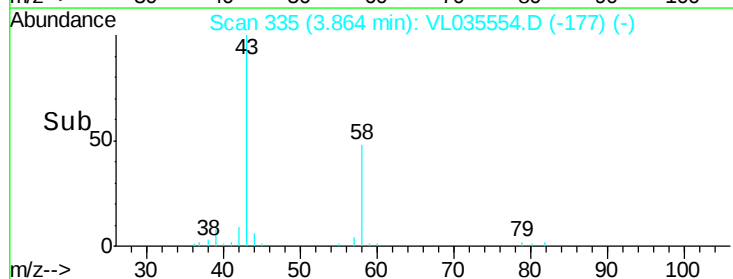
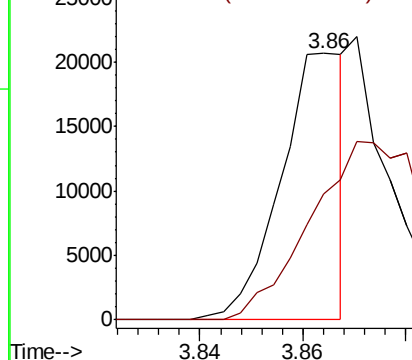
Ion Ratio Lower Upper

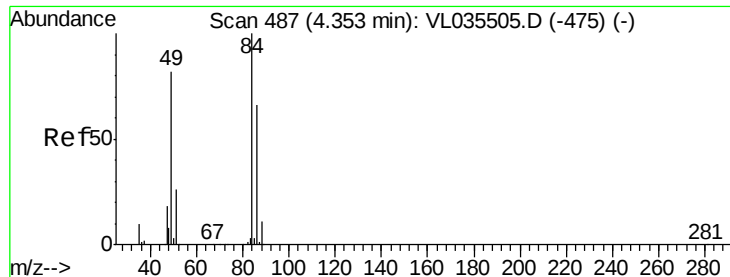
43 100

58 0.0 28.4 42.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0

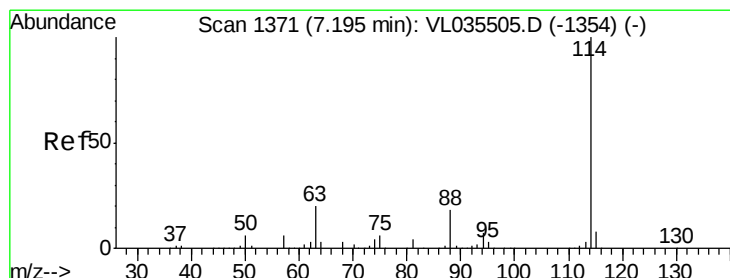
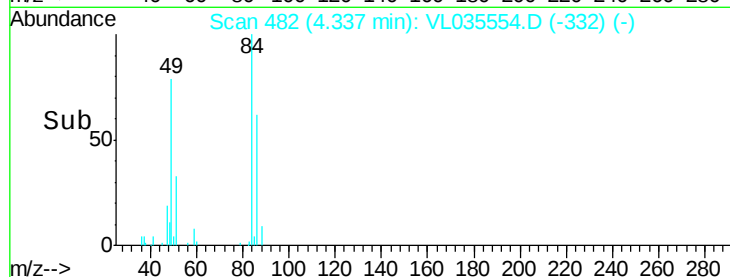
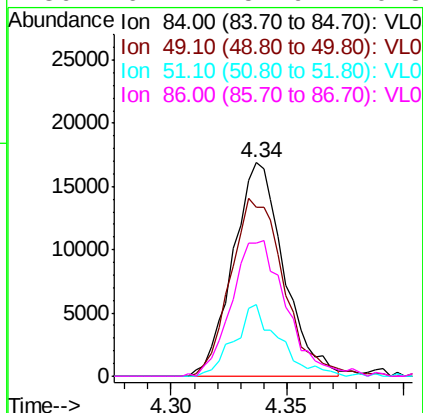
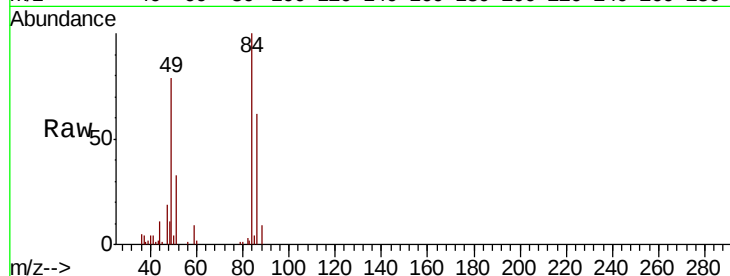




#20
Methvlene Chloride
Concen: 0.273 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.02 min
Lab File: VL035554.D
Acq: 8 Sep 2020 13:16

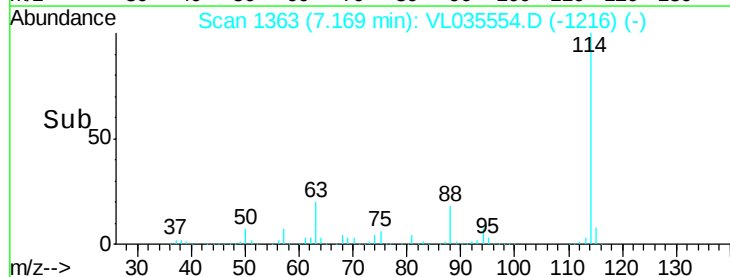
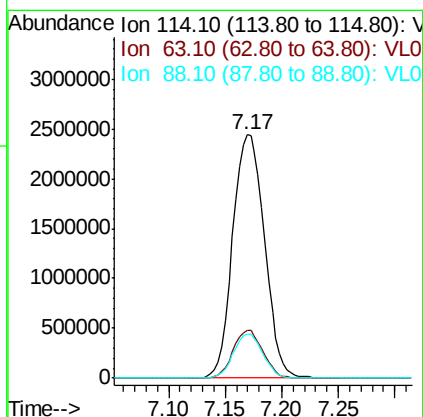
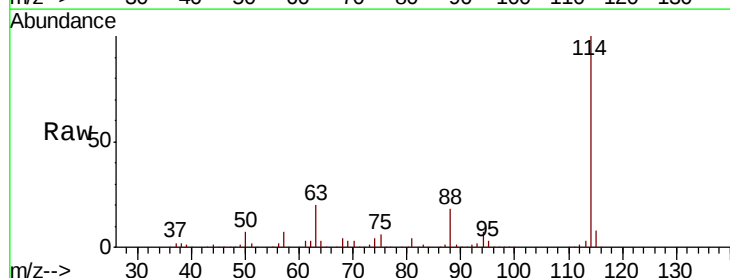
Instrument :
MSVOA_L
ClientSampleId :
VL0908ABL01

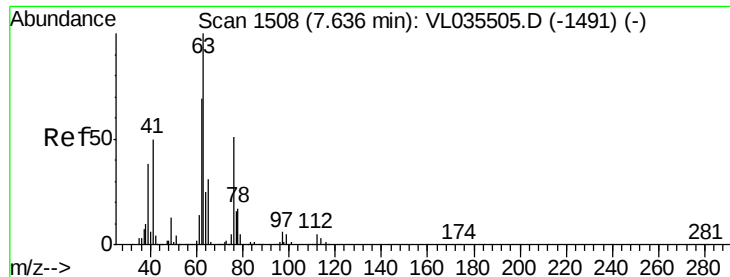
Tot Ion:	84	Resp:	25652
Ion	Ratio	Lower	Upper
84	100		
49	79.3	65.4	98.0
51	33.3	21.5	32.3#
86	61.1	52.9	79.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.03 min
Lab File: VL035554.D
Acq: 8 Sep 2020 13:16

Tgt Ion:	114	Resp:	4784719
Ion	Ratio	Lower	Upper
114	100		
63	18.6	14.7	22.1
88	17.0	13.4	20.2





#39

1,2-Dichloropropane

Concen: 8.435 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.47 min

Lab File: VL035554.D

Acq: 8 Sep 2020 13:16

Instrument :

MSVOA_L

ClientSampleId :

VL0908ABL01

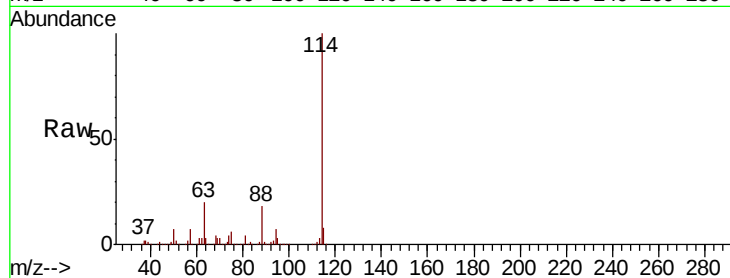
Tot Ion: 63 Resp: 882532

Ion Ratio Lower Upper

63 100

41 0.0 40.0 60.0#

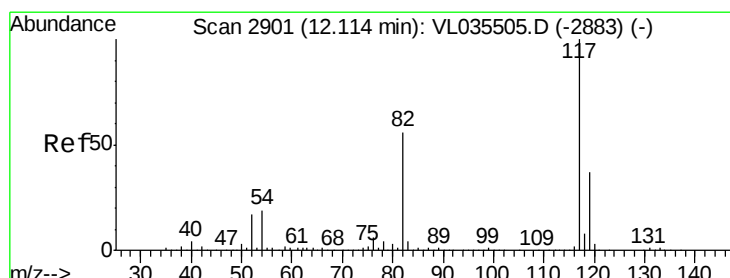
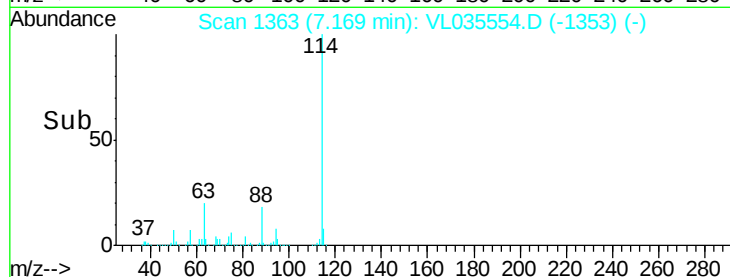
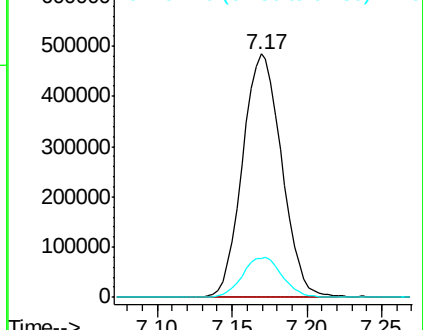
62 15.9 55.4 83.0#



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2893

Delta R.T. -0.03 min

Lab File: VL035554.D

Acq: 8 Sep 2020 13:16

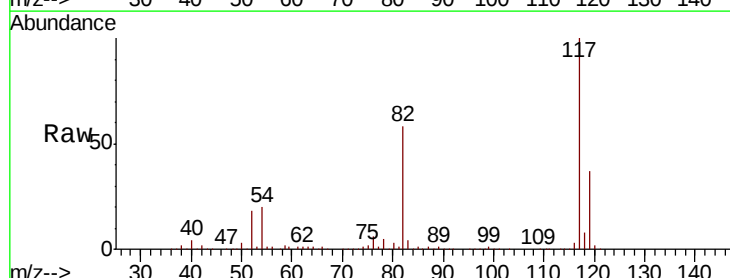
Tgt Ion: 117 Resp: 4903063

Ion Ratio Lower Upper

117 100

82 55.3 41.6 62.4

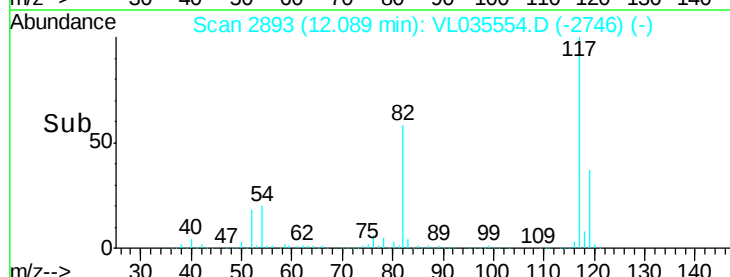
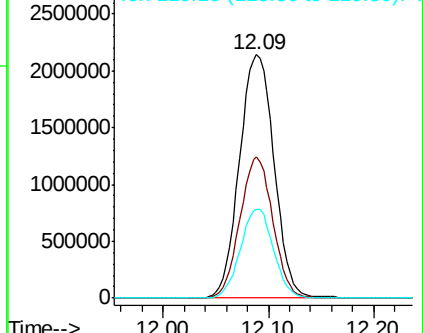
119 35.2 29.3 43.9

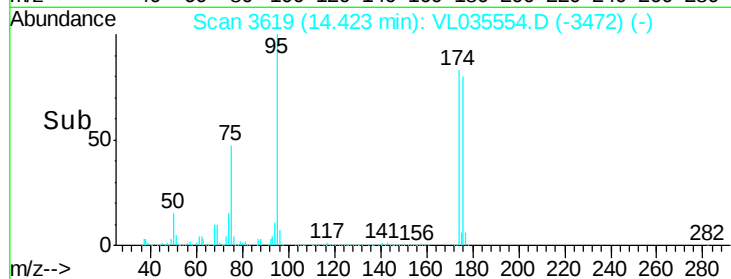
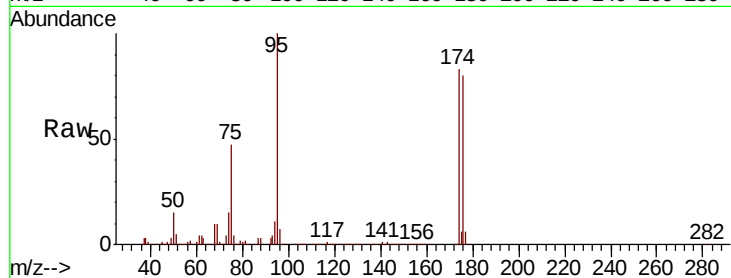
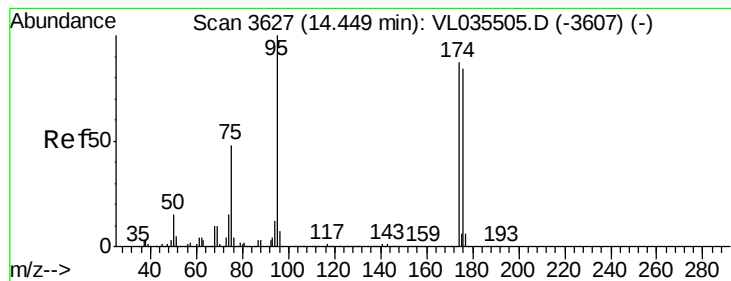


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.259 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. -0.03 min

Lab File: VL035554.D

Acq: 8 Sep 2020 13:16

Instrument :

MSVOA_L

ClientSampleId :

VL0908ABL01

Tot Ion: 95 Resp: 3571957

Ion Ratio Lower Upper

95 100

174 86.5 69.6 104.4

175 6.3 5.1 7.7

