

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092120\
 Data File : VL035694.D
 Acq On : 21 Sep 2020 20:16
 Operator : SY/AP
 Sample : L3983-07DL2 400X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-10DL2

Quant Time: Sep 22 11:14:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep 14 15:19:50 2020
 QLast Update : Mon Sep 14 15:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1021562	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	3857726	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	3874289	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2840740	10.33	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	191393	1.699	ppbv	96
38) Trichloroethene	7.81	130	177558	1.224	ppbv	94
52) Tetrachloroethene	11.20	164	1805733	12.378	ppbv	96

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

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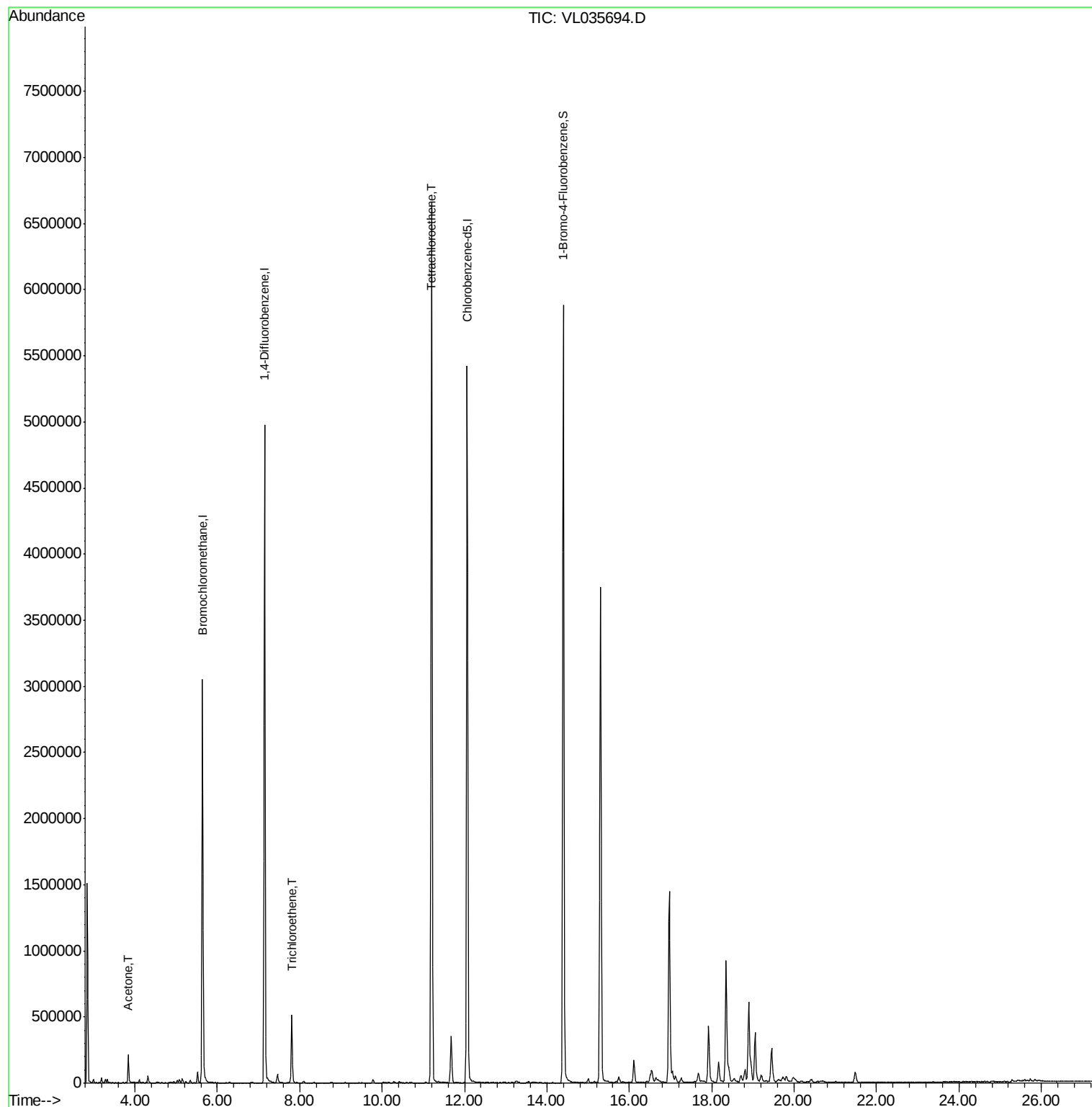
Quant Time: Sep 22 11:14:40 2020

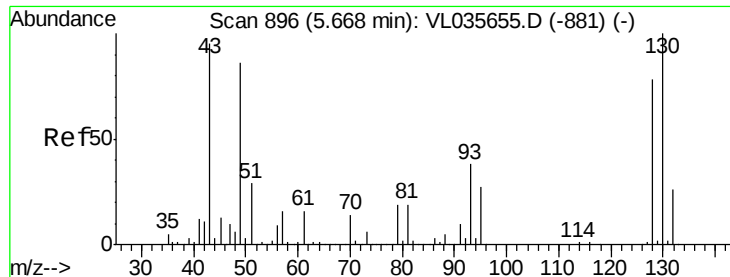
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep 14 15:19:50 2020

QLast Update : Mon Sep 14 15:19:50 2020

Response via : Initial Calibration

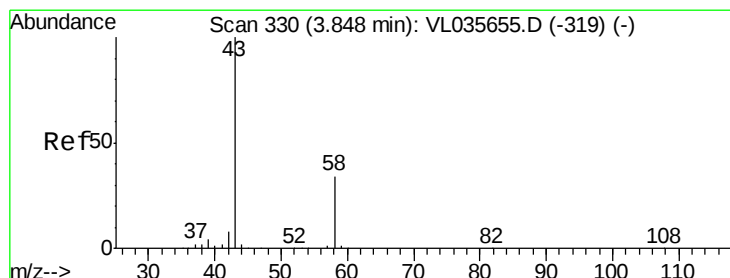
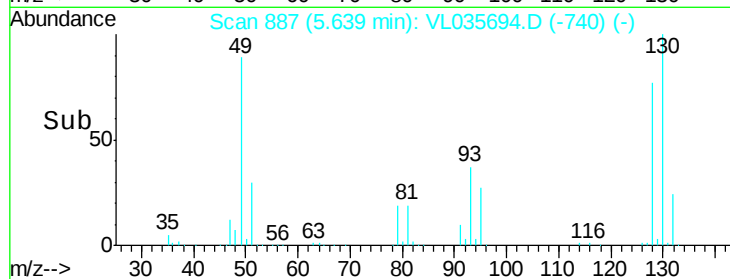
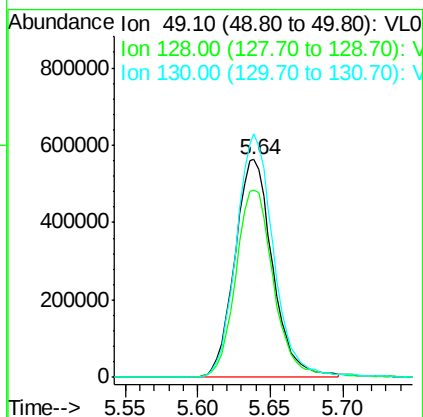
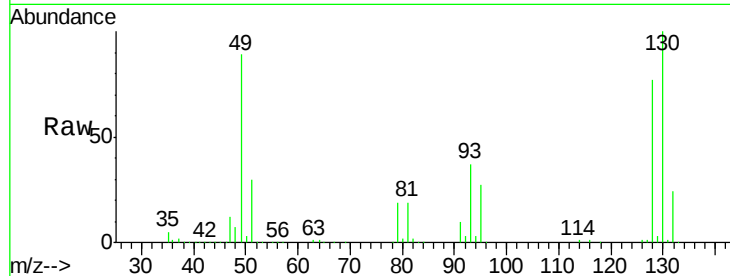




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.64 min Scan# 887
 Delta R.T. -0.03 min
 Lab File: VL035694.D
 Acq: 21 Sep 2020 20:16

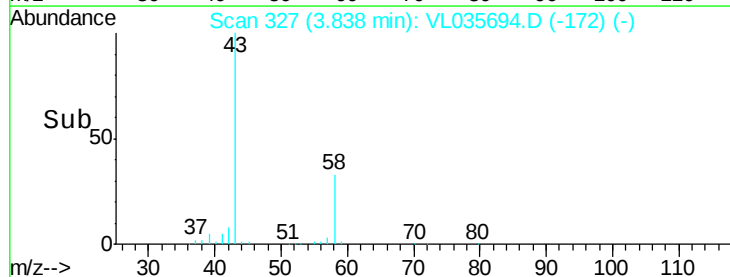
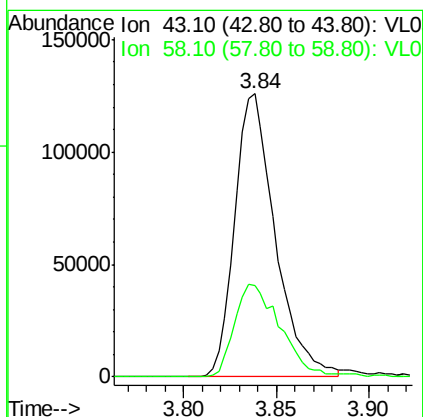
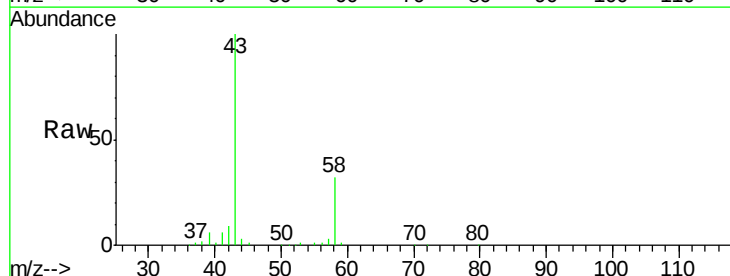
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-10DL2

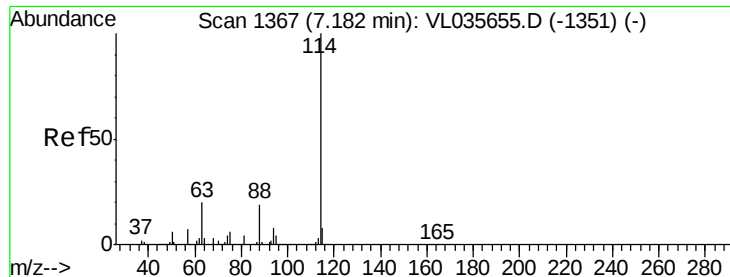
Tot Ion: 49 Resp: 1021562
 Ion Ratio Lower Upper
 49 100
 128 86.8 50.0 150.1
 130 111.4 64.4 193.2



#15
 Acetone
 Concen: 1.699 ppbv
 RT: 3.84 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VL035694.D
 Acq: 21 Sep 2020 20:16

Tgt Ion: 43 Resp: 191393
 Ion Ratio Lower Upper
 43 100
 58 38.0 28.4 42.6

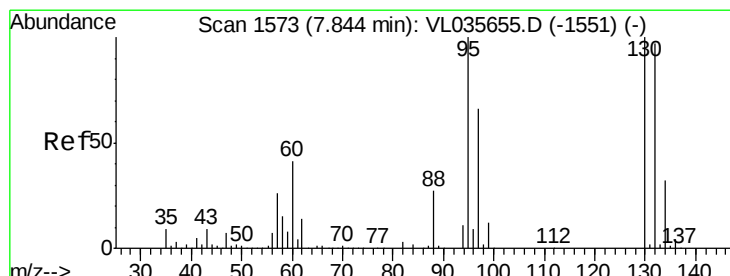
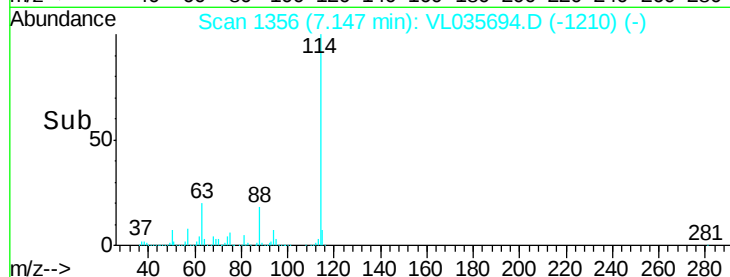
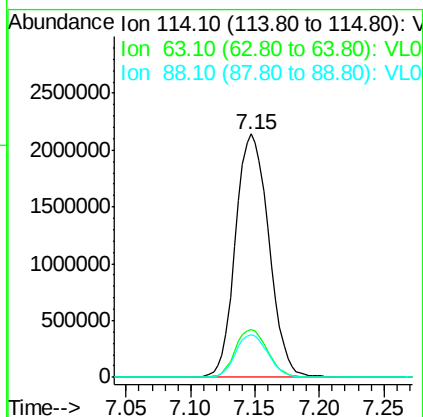
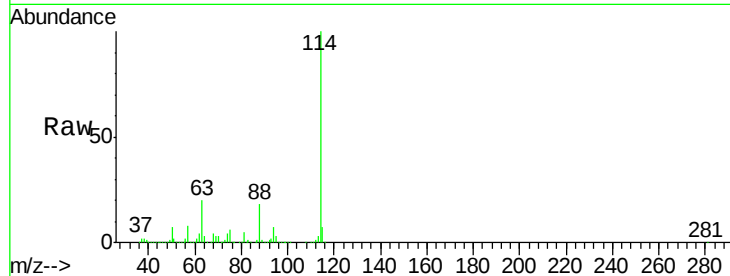




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1356
 Delta R.T. -0.03 min
 Lab File: VL035694.D
 Acq: 21 Sep 2020 20:16

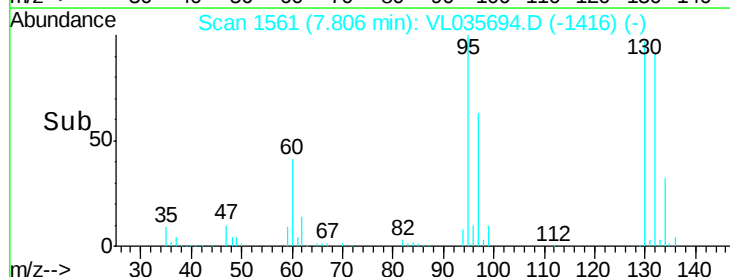
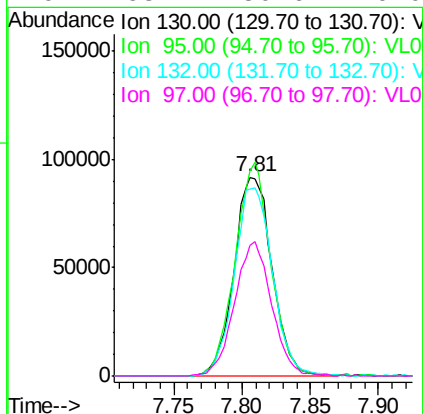
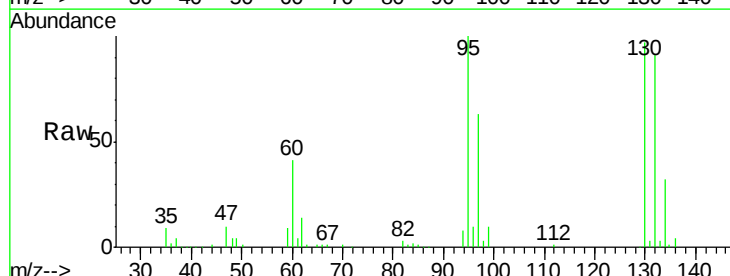
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-10DL2

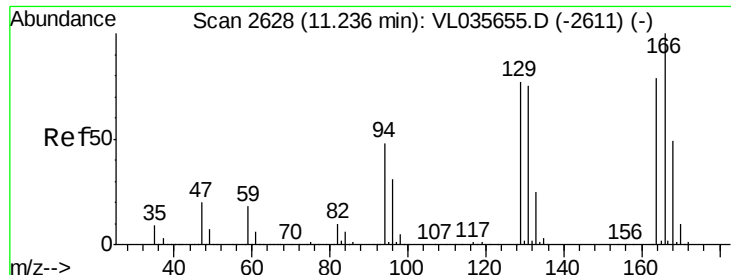
Tot Ion:114 Resp: 3857726
 Ion Ratio Lower Upper
 114 100
 63 19.4 14.7 22.1
 88 17.1 13.4 20.2



#38
 Trichloroethene
 Concen: 1.224 ppbv
 RT: 7.81 min Scan# 1561
 Delta R.T. -0.03 min
 Lab File: VL035694.D
 Acq: 21 Sep 2020 20:16

Tgt Ion:130 Resp: 177558
 Ion Ratio Lower Upper
 130 100
 95 103.1 74.6 112.0
 132 93.9 77.6 116.4
 97 65.4 50.6 76.0





#52

Tetrachloroethene

Concen: 12.378 ppbv

RT: 11.20 min Scan# 2617

Delta R.T. -0.03 min

Lab File: VL035694.D

Acq: 21 Sep 2020 20:16

Instrument :

MSVOA_L

ClientSampleId :

SV-10DL2

Tot Ion:164 Resp: 1805733

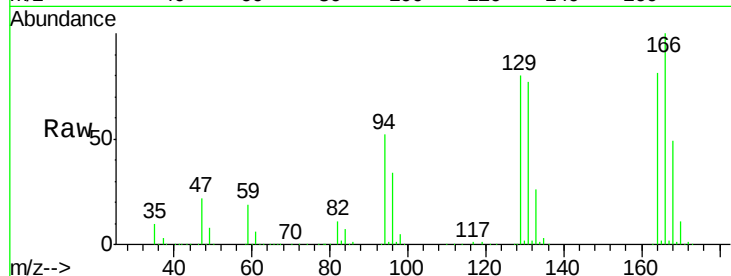
Ion Ratio Lower Upper

164 100

166 123.3 100.9 151.3

129 98.3 75.3 112.9

131 95.4 73.0 109.4

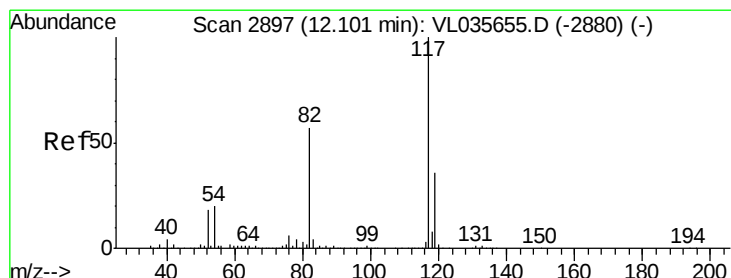
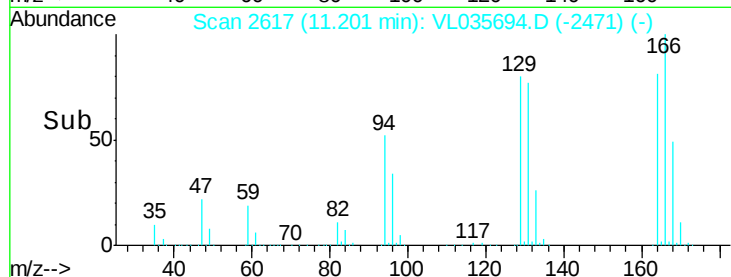
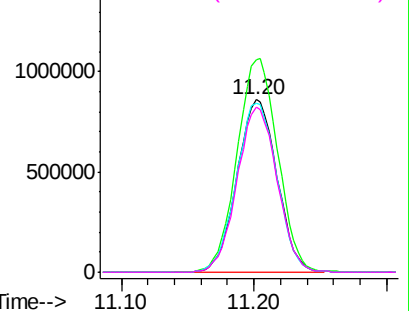


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2885

Delta R.T. -0.03 min

Lab File: VL035694.D

Acq: 21 Sep 2020 20:16

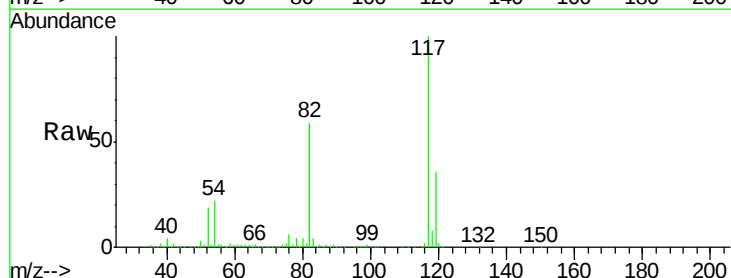
Tgt Ion:117 Resp: 3874289

Ion Ratio Lower Upper

117 100

82 57.9 41.6 62.4

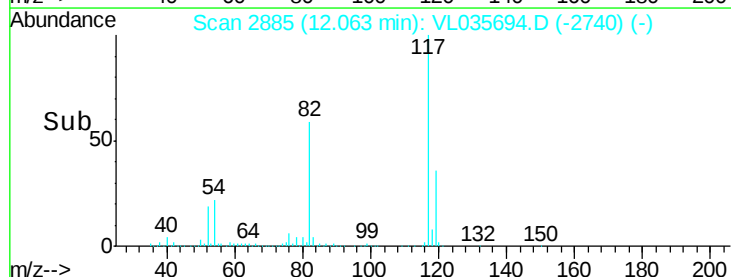
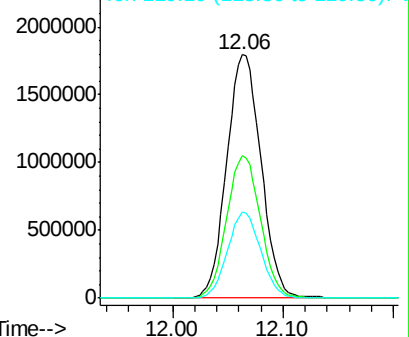
119 34.3 29.3 43.9

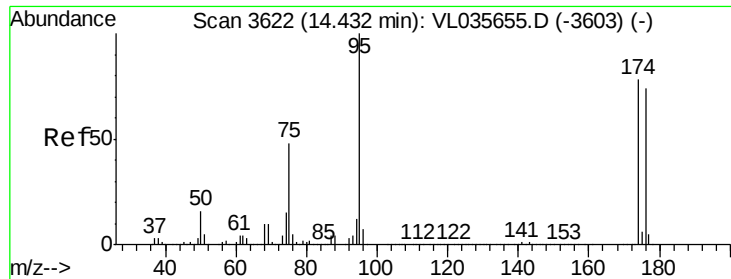


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.325 ppbv

RT: 14.40 min Scan# 3611

Delta R.T. -0.03 min

Lab File: VL035694.D

Acq: 21 Sep 2020 20:16

Instrument :

MSVOA_L

ClientSampleId :

SV-10DL2

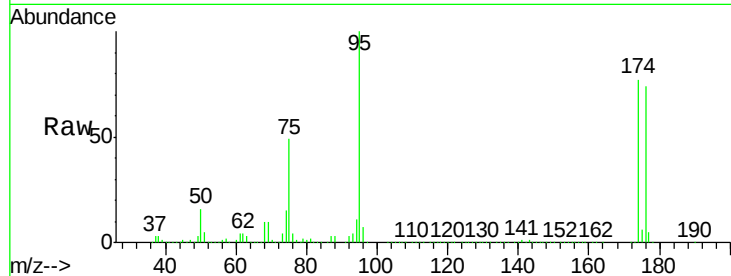
Tot Ion: 95 Resp: 2840740

Ion Ratio Lower Upper

95 100

174 77.0 69.6 104.4

175 5.5 5.1 7.7



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

