

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111220\
 Data File : VL035913.D
 Acq On : 12 Nov 2020 14:44
 Operator : SY/AP
 Sample : L4720-01DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CVS-1DL

Quant Time: Nov 14 21:30:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1256519	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4376095	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4066628	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2937543	10.17	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

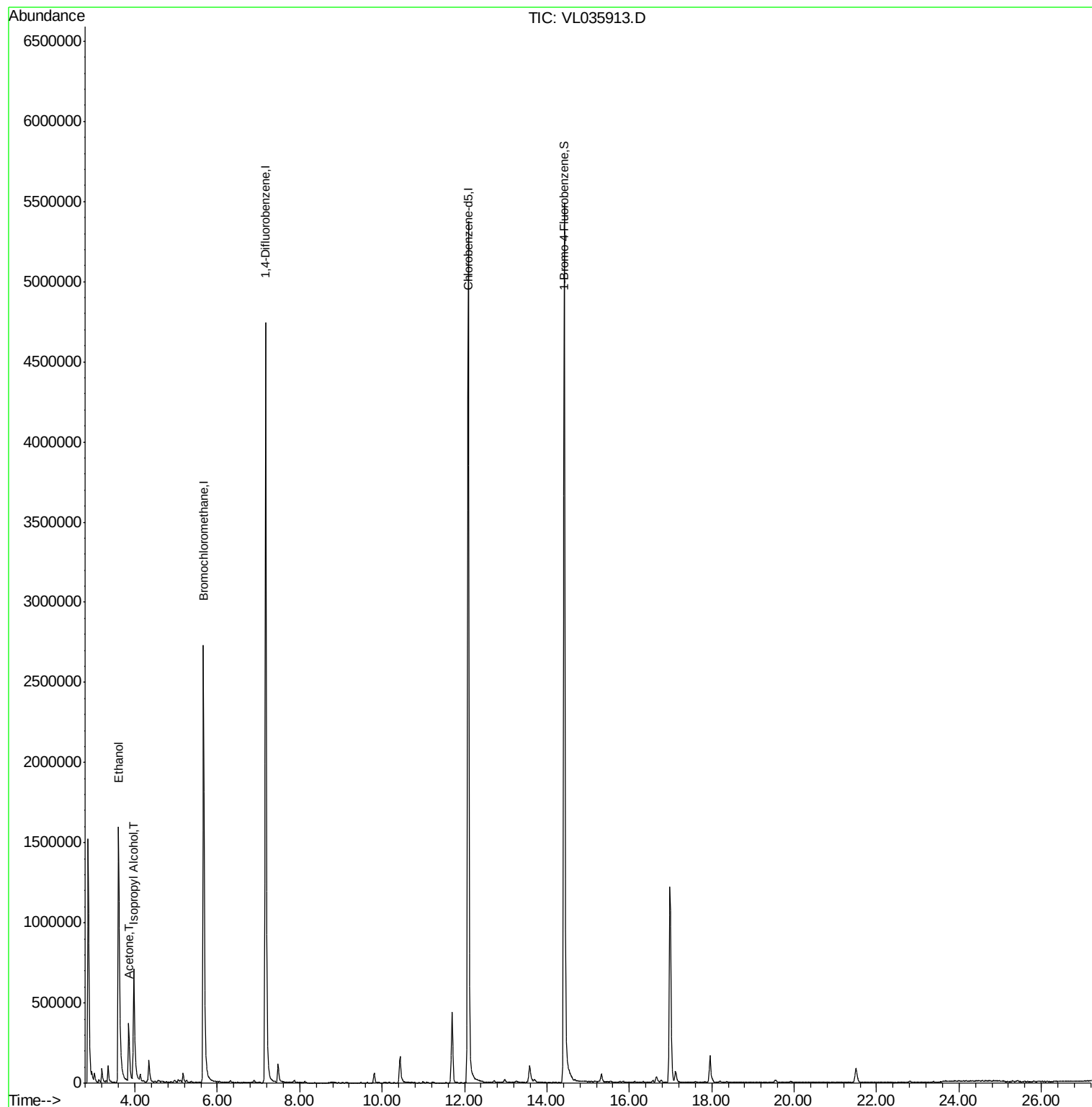
Target Compounds					Ovalue
13) Ethanol	3.60	45	2425636	203.014	ppbv 95
15) Acetone	3.85	43	443000	3.298	ppbv 100
19) Isopropyl Alcohol	3.97	45	1042743	12.631	ppbv 99

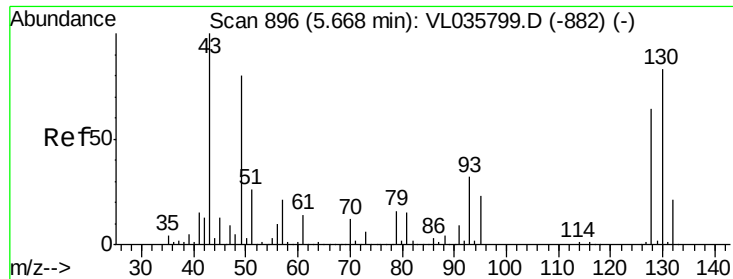
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111220\
Data File : VL035913.D
Acq On : 12 Nov 2020 14:44
Operator : SY/AP
Sample : L4720-01DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CVS-1DL

Quant Time: Nov 14 21:30:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.01 min

Lab File: VL035913.D

Acq: 12 Nov 2020 14:44

Instrument :

MSVOA_L

ClientSampleId :

CVS-1DL

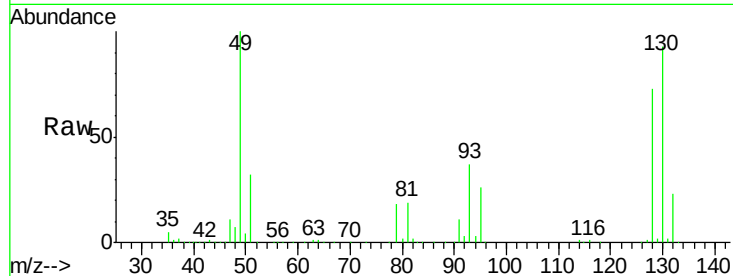
Tot Ion: 49 Resp: 1256519

Ion Ratio Lower Upper

49 100

128 76.3 41.5 124.6

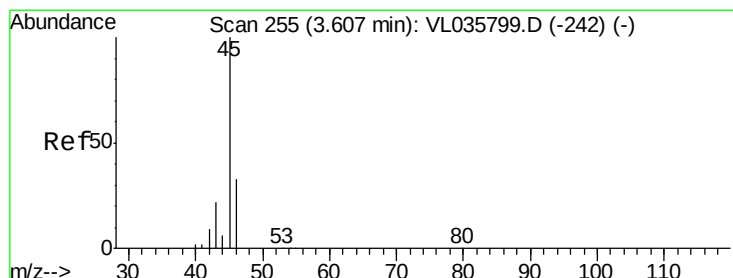
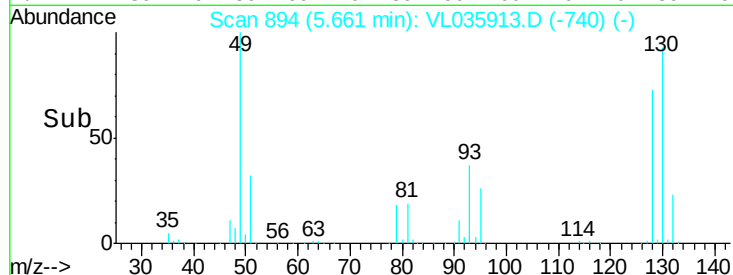
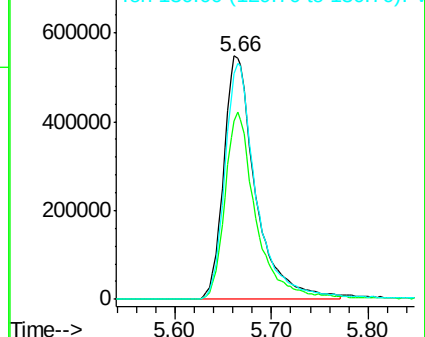
130 97.4 53.7 161.1



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



#13

Ethanol

Concen: 203.014 ppbv

RT: 3.60 min Scan# 253

Delta R.T. -0.01 min

Lab File: VL035913.D

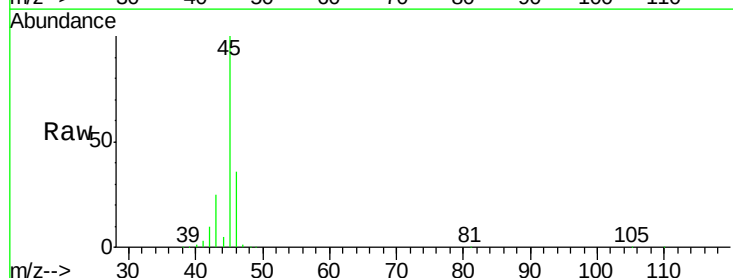
Acq: 12 Nov 2020 14:44

Tgt Ion: 45 Resp: 2425636

Ion Ratio Lower Upper

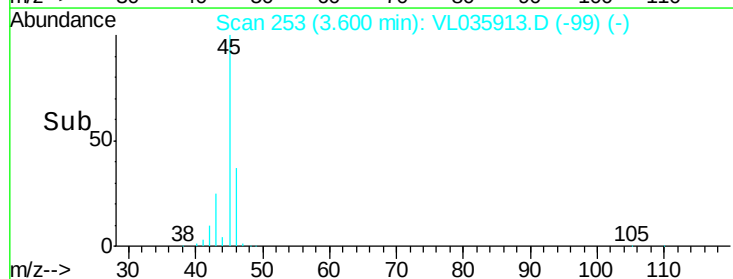
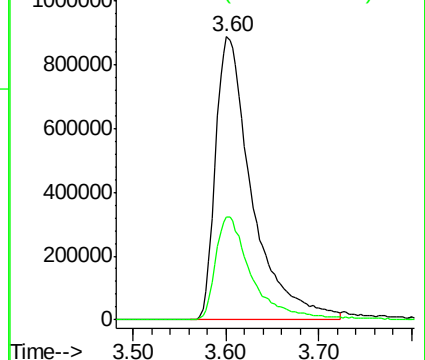
45 100

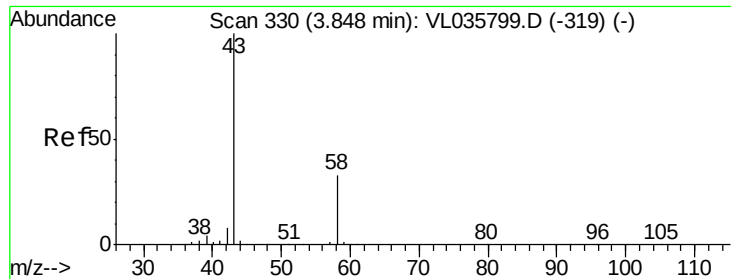
46 37.1 16.1 64.5



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 3.298 ppbv

RT: 3.85 min Scan# 330

Delta R.T. 0.00 min

Lab File: VL035913.D

Acq: 12 Nov 2020 14:44

Instrument :

MSVOA_L

ClientSampleId :

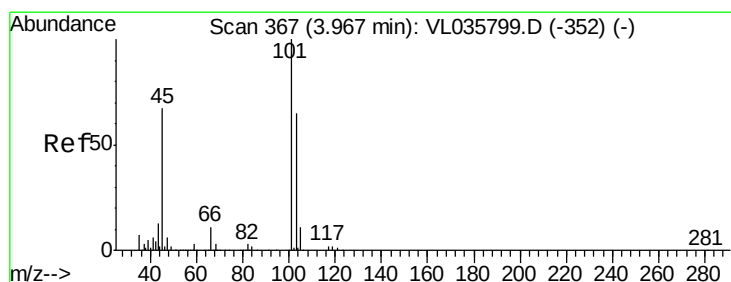
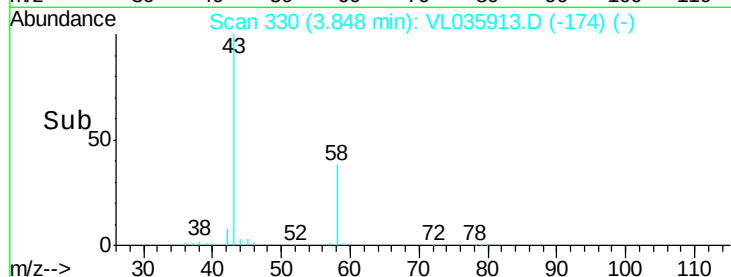
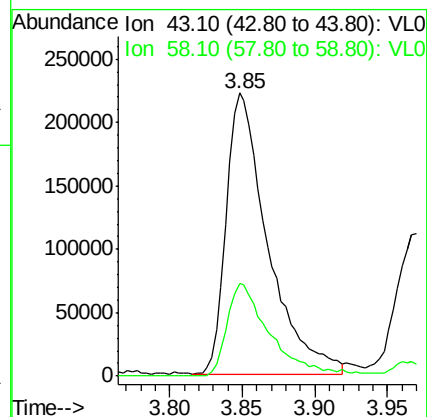
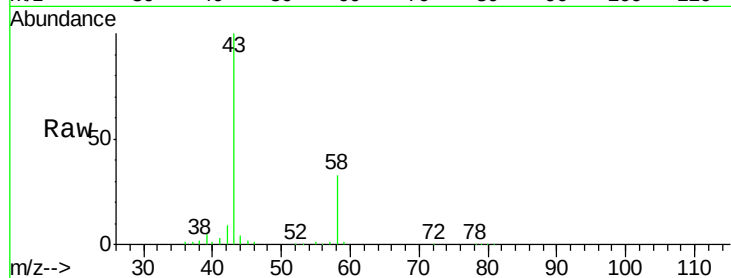
CVS-1DL

Tot Ion: 43 Resp: 443000

Ion Ratio Lower Upper

43 100

58 34.5 27.5 41.3



#19

Isopropyl Alcohol

Concen: 12.631 ppbv

RT: 3.97 min Scan# 368

Delta R.T. 0.00 min

Lab File: VL035913.D

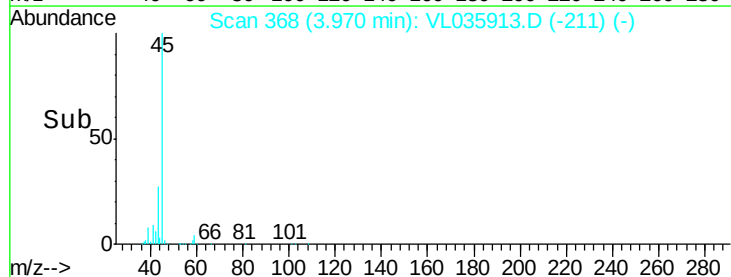
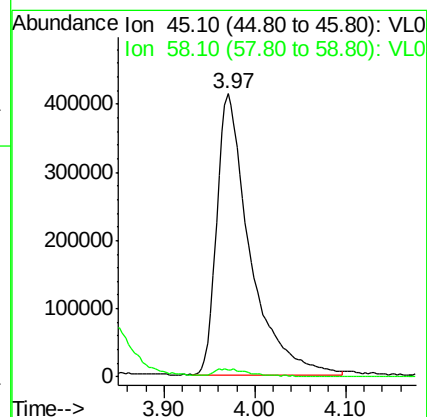
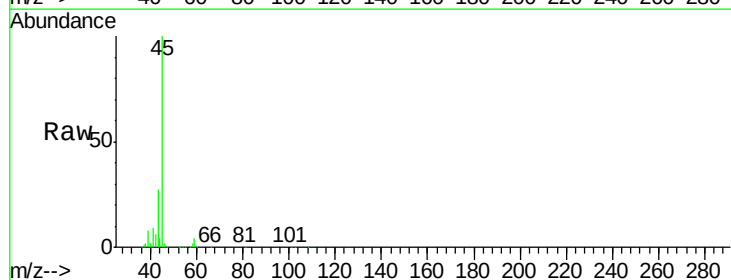
Acq: 12 Nov 2020 14:44

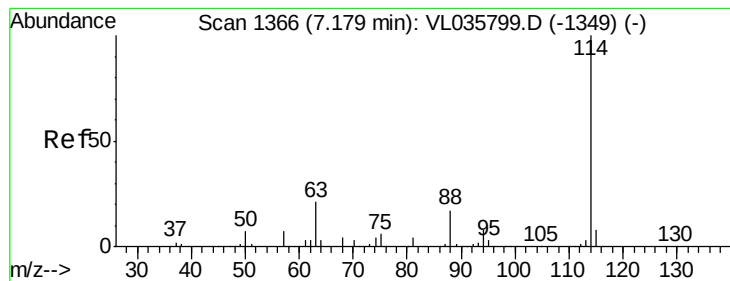
Tgt Ion: 45 Resp: 1042743

Ion Ratio Lower Upper

45 100

58 3.4 2.6 3.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. -0.01 min

Lab File: VL035913.D

Acq: 12 Nov 2020 14:44

Instrument :

MSVOA_L

ClientSampleId :

CVS-1DL

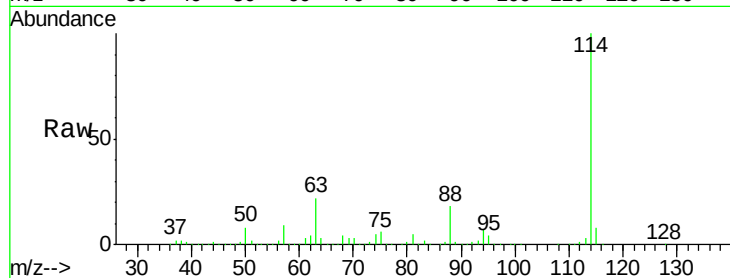
Tot Ion:114 Resp: 4376095

Ion Ratio Lower Upper

114 100

63 20.8 16.1 24.1

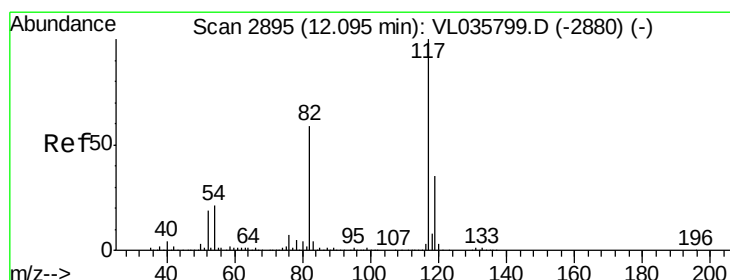
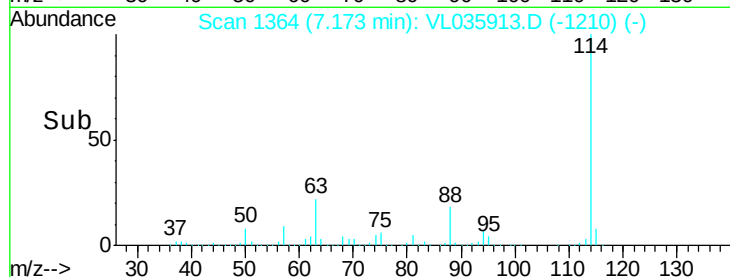
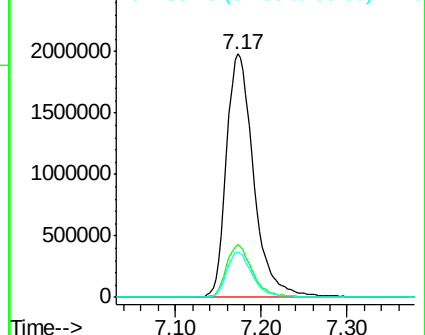
88 17.6 13.7 20.5



Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: VL035913.D

Acq: 12 Nov 2020 14:44

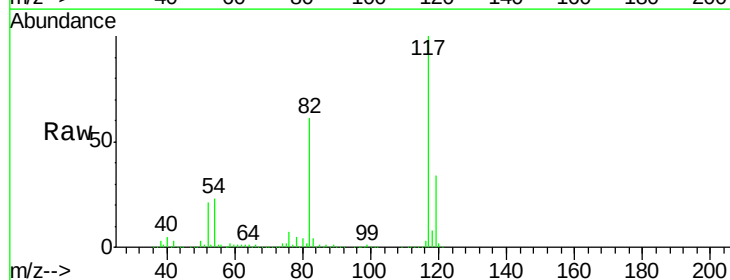
Tgt Ion:117 Resp: 4066628

Ion Ratio Lower Upper

117 100

82 61.1 50.6 76.0

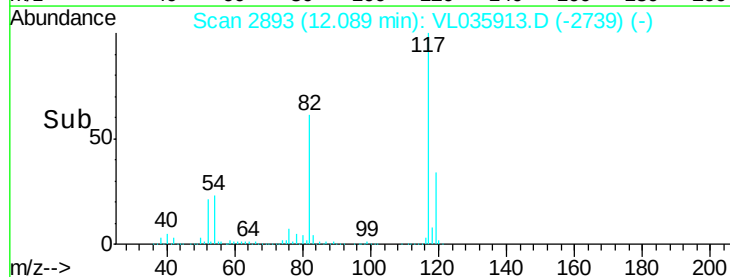
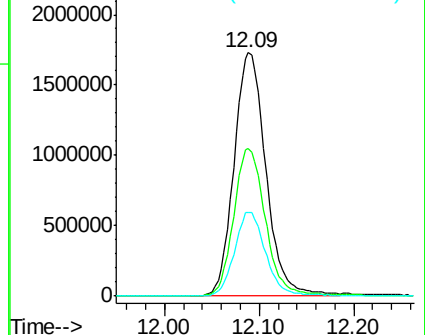
119 34.2 52.6 78.8#

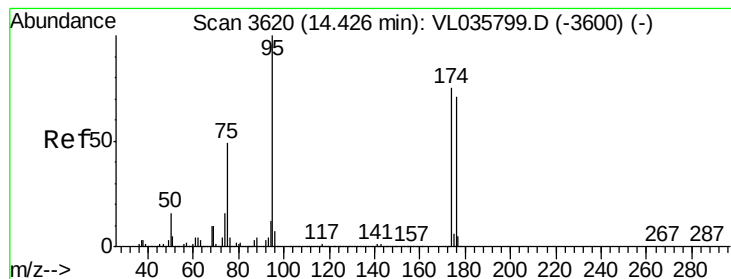


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.167 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. -0.01 min

Lab File: VL035913.D

Acq: 12 Nov 2020 14:44

Instrument :

MSVOA_L

ClientSampleId :

CVS-1DL

Tot Ion: 95 Resp: 2937543

Ion Ratio Lower Upper

95 100

174 74.4 59.8 89.6

175 5.3 4.3 6.5

