

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092120\
 Data File : VL035691.D
 Acq On : 21 Sep 2020 18:22
 Operator : SY/AP
 Sample : L3983-04DL2 200X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-12DL2

Quant Time: Sep 22 11:01:24 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	1032124	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	3945051	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	3978694	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2939400	10.40	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.00%

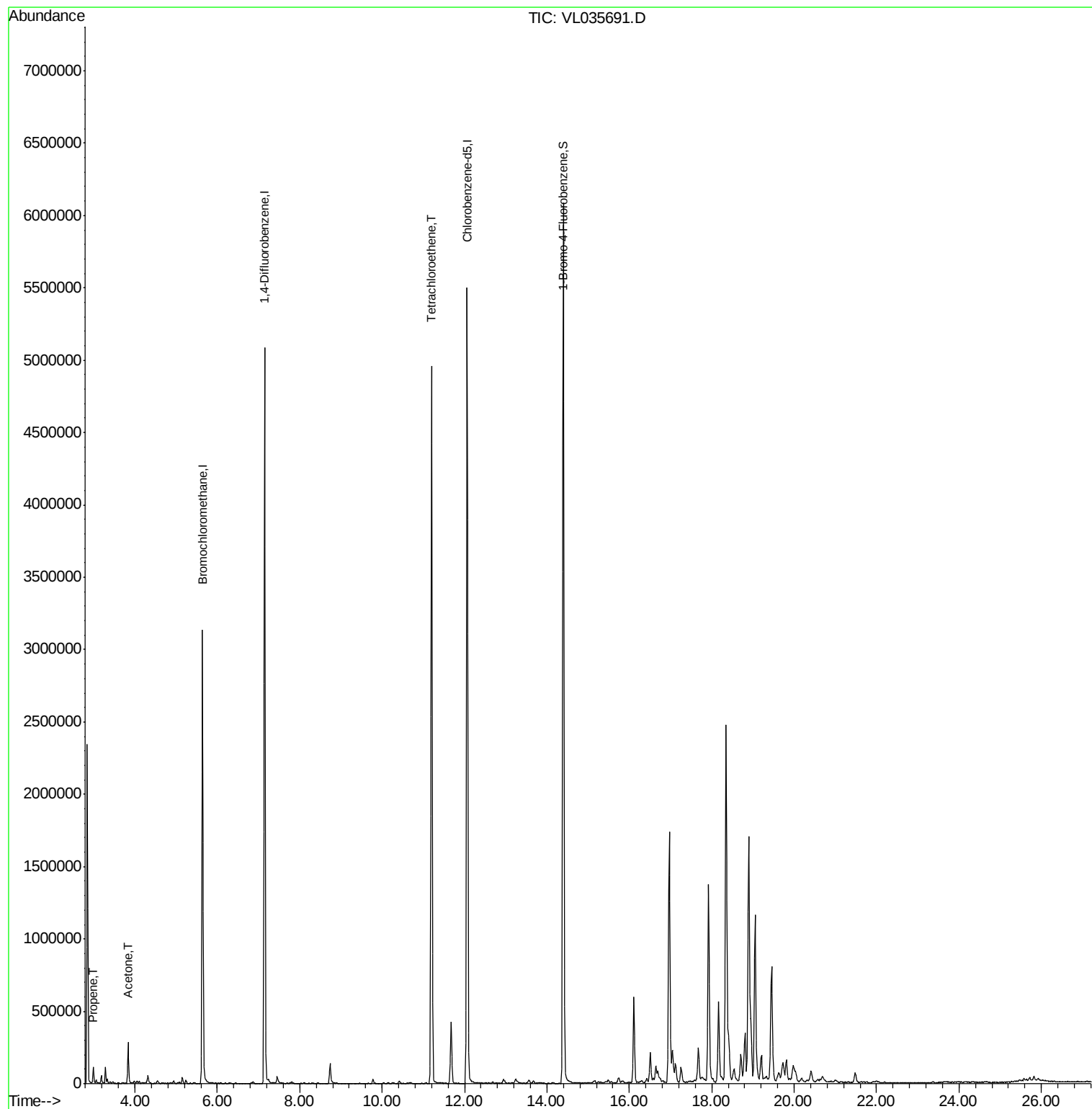
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.99	41	41814	0.950	ppbv	95
15) Acetone	3.83	43	270935	2.380	ppbv	96
52) Tetrachloroethene	11.20	164	1352167	9.064	ppbv	97

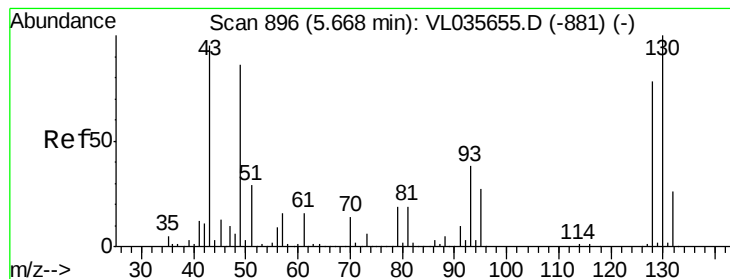
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VL035691.D

Acq: 21 Sep 2020 18:22

Instrument :

MSVOA_L

ClientSampleId :

SV-12DL2

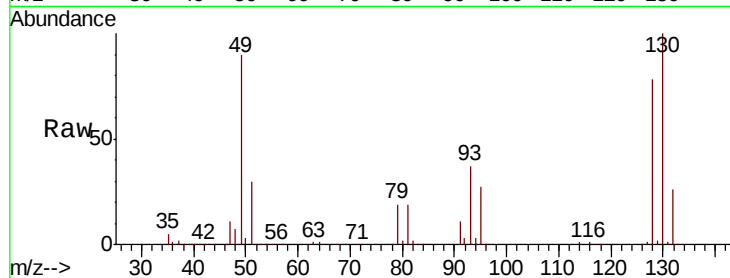
Tot Ion: 49 Resp: 1032124

Ion Ratio Lower Upper

49 100

128 86.7 50.0 150.1

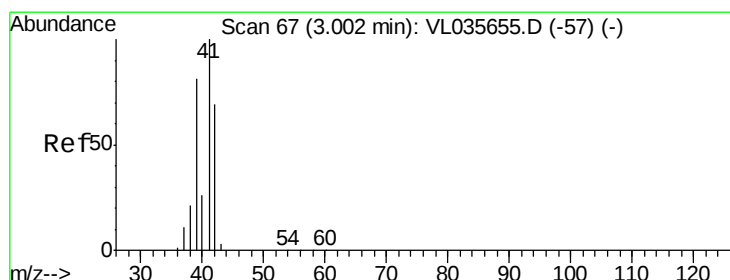
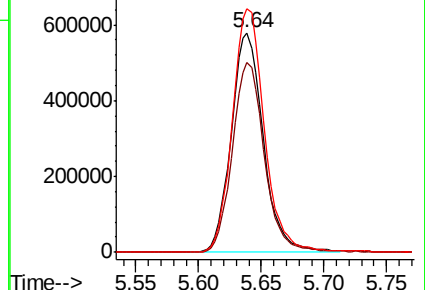
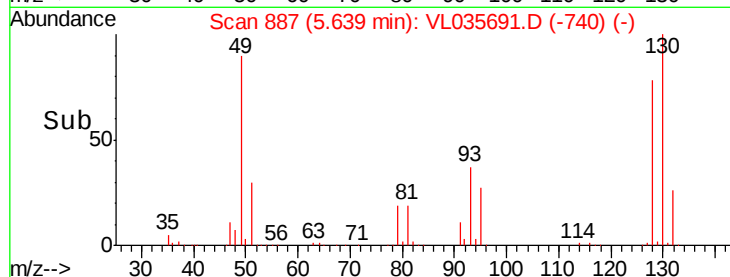
130 111.2 64.4 193.2



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



#9

Propene

Concen: 0.950 ppbv

RT: 2.99 min Scan# 62

Delta R.T. -0.01 min

Lab File: VL035691.D

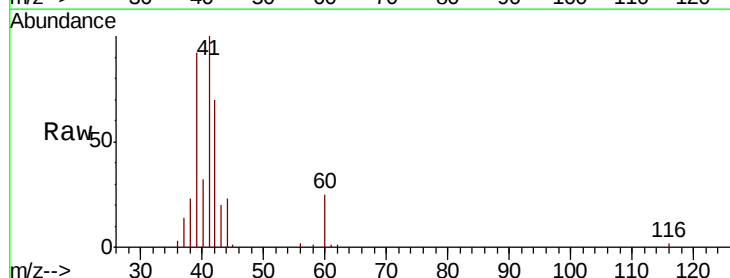
Acq: 21 Sep 2020 18:22

Tgt Ion: 41 Resp: 41814

Ion Ratio Lower Upper

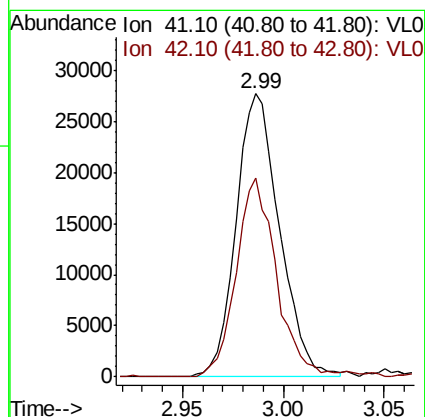
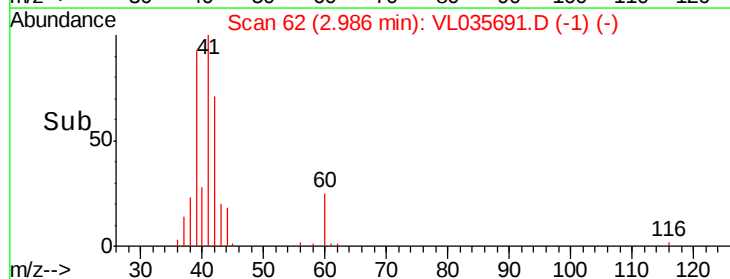
41 100

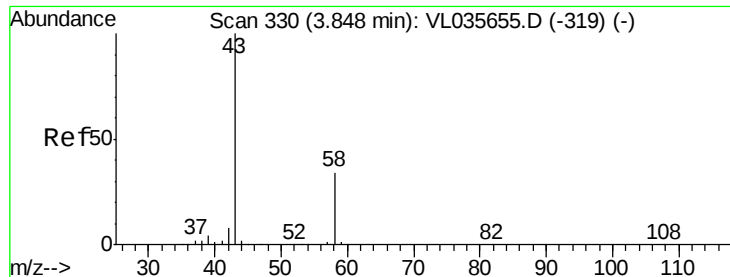
42 65.9 56.3 84.5



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 2.380 ppbv

RT: 3.83 min Scan# 325

Delta R.T. -0.01 min

Lab File: VL035691.D

Acq: 21 Sep 2020 18:22

Instrument :

MSVOA_L

ClientSampleId :

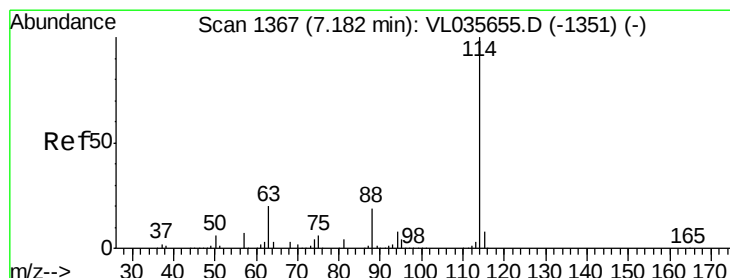
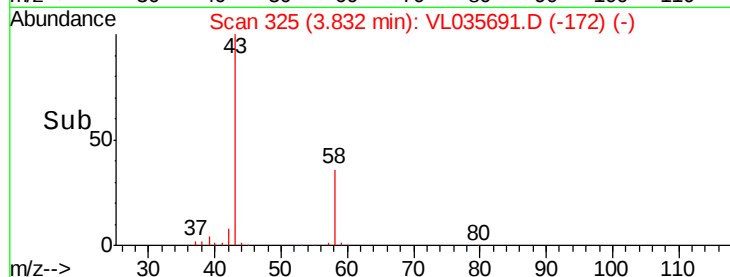
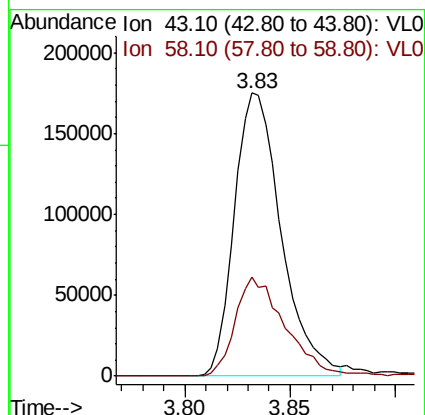
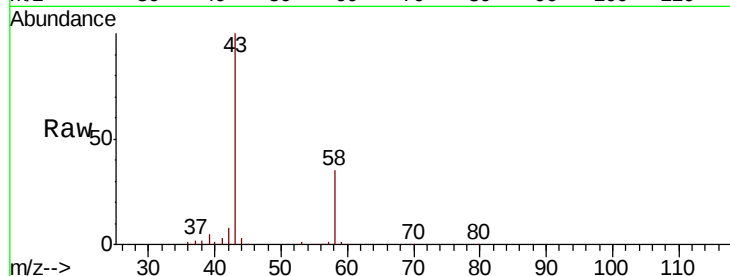
SV-12DL2

Tot Ion: 43 Resp: 270935

Ion Ratio Lower Upper

43 100

58 38.1 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: VL035691.D

Acq: 21 Sep 2020 18:22

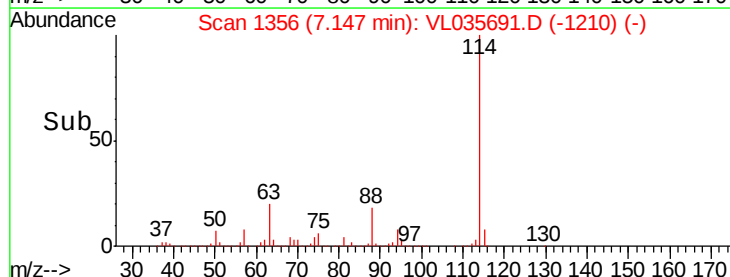
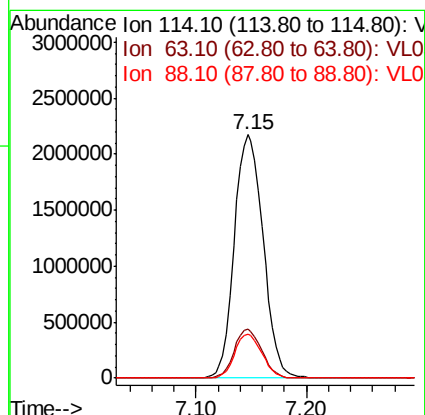
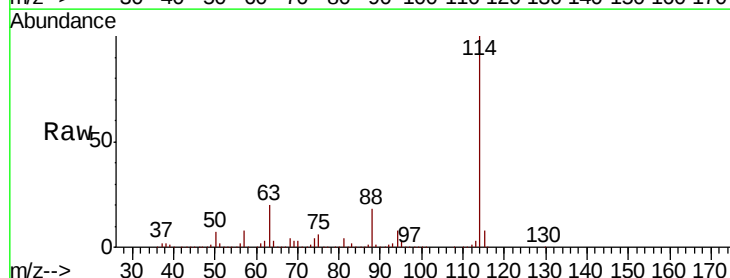
Tgt Ion: 114 Resp: 3945051

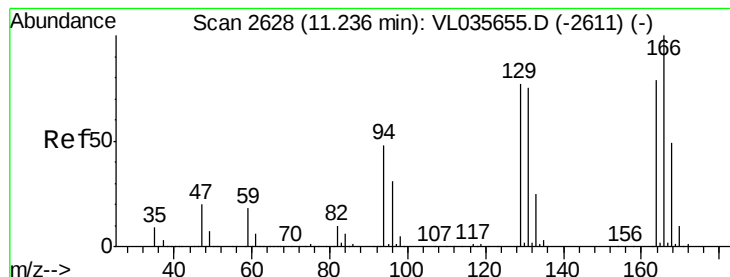
Ion Ratio Lower Upper

114 100

63 19.3 14.7 22.1

88 17.1 13.4 20.2





#52

Tetrachloroethene

Concen: 9.064 ppbv

RT: 11.20 min Scan# 2617

Delta R.T. -0.03 min

Lab File: VL035691.D

Acq: 21 Sep 2020 18:22

Instrument :

MSVOA_L

ClientSampleId :

SV-12DL2

Tot Ion:164 Resp: 1352167

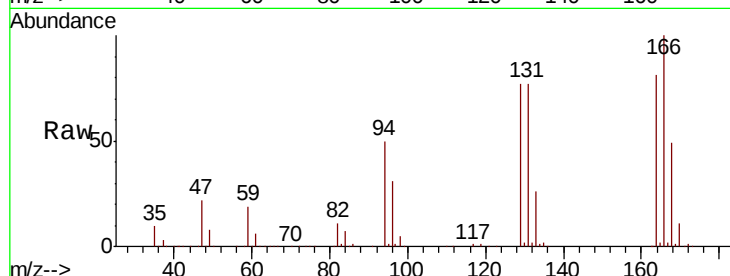
Ion Ratio Lower Upper

164 100

166 123.9 100.9 151.3

129 95.6 75.3 112.9

131 95.5 73.0 109.4

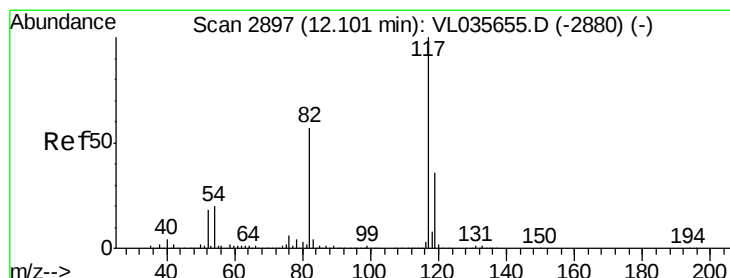
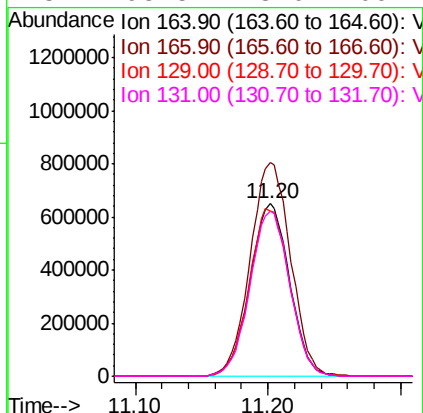
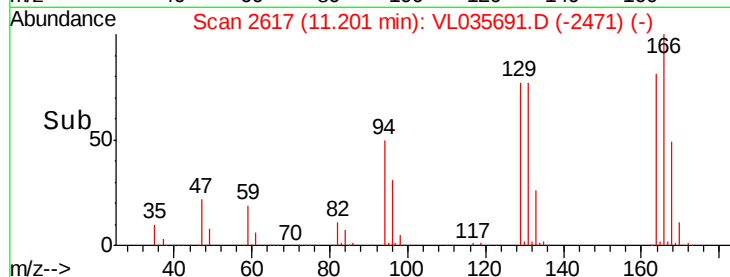


Abundance Ion 163.90 (163.60 to 164.60): V

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: VL035691.D

Acq: 21 Sep 2020 18:22

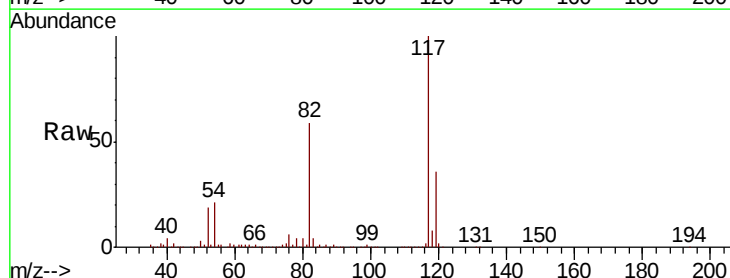
Tgt Ion:117 Resp: 3978694

Ion Ratio Lower Upper

117 100

82 57.6 41.6 62.4

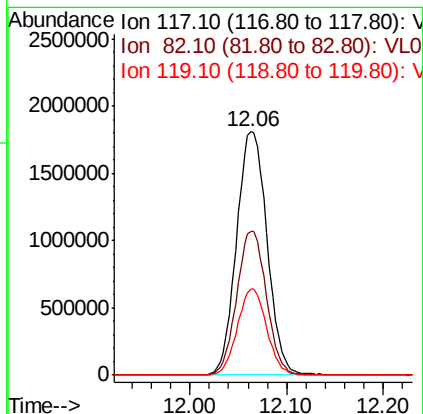
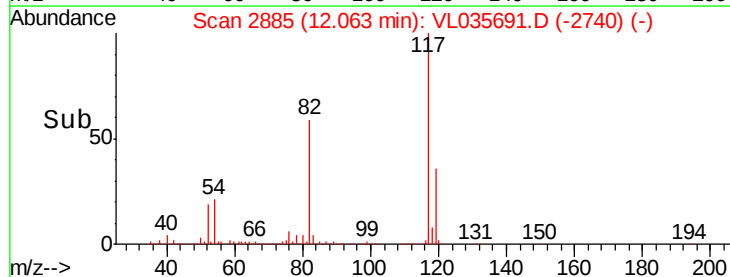
119 34.0 29.3 43.9

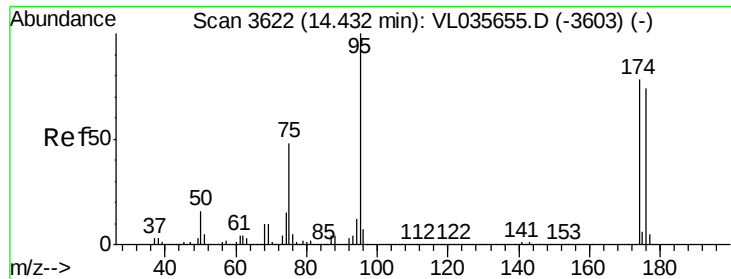


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.403 ppbv

RT: 14.39 min Scan# 3610

Delta R.T. -0.04 min

Lab File: VL035691.D

Acq: 21 Sep 2020 18:22

Instrument :

MSVOA_L

ClientSampleId :

SV-12DL2

Tot Ion: 95 Resp: 2939400

Ion Ratio Lower Upper

95 100

174 77.4 69.6 104.4

175 5.5 5.1 7.7

