

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092120\
 Data File : VL035686.D
 Acq On : 21 Sep 2020 15:12
 Operator : SY/AP
 Sample : L4016-01DL2DUP 400X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-13DL2DUP

Quant Time: Sep 22 11:45:19 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	5.63	49	1033098	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.14	114	3939168	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	3966220	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2894916	10.28	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.80%

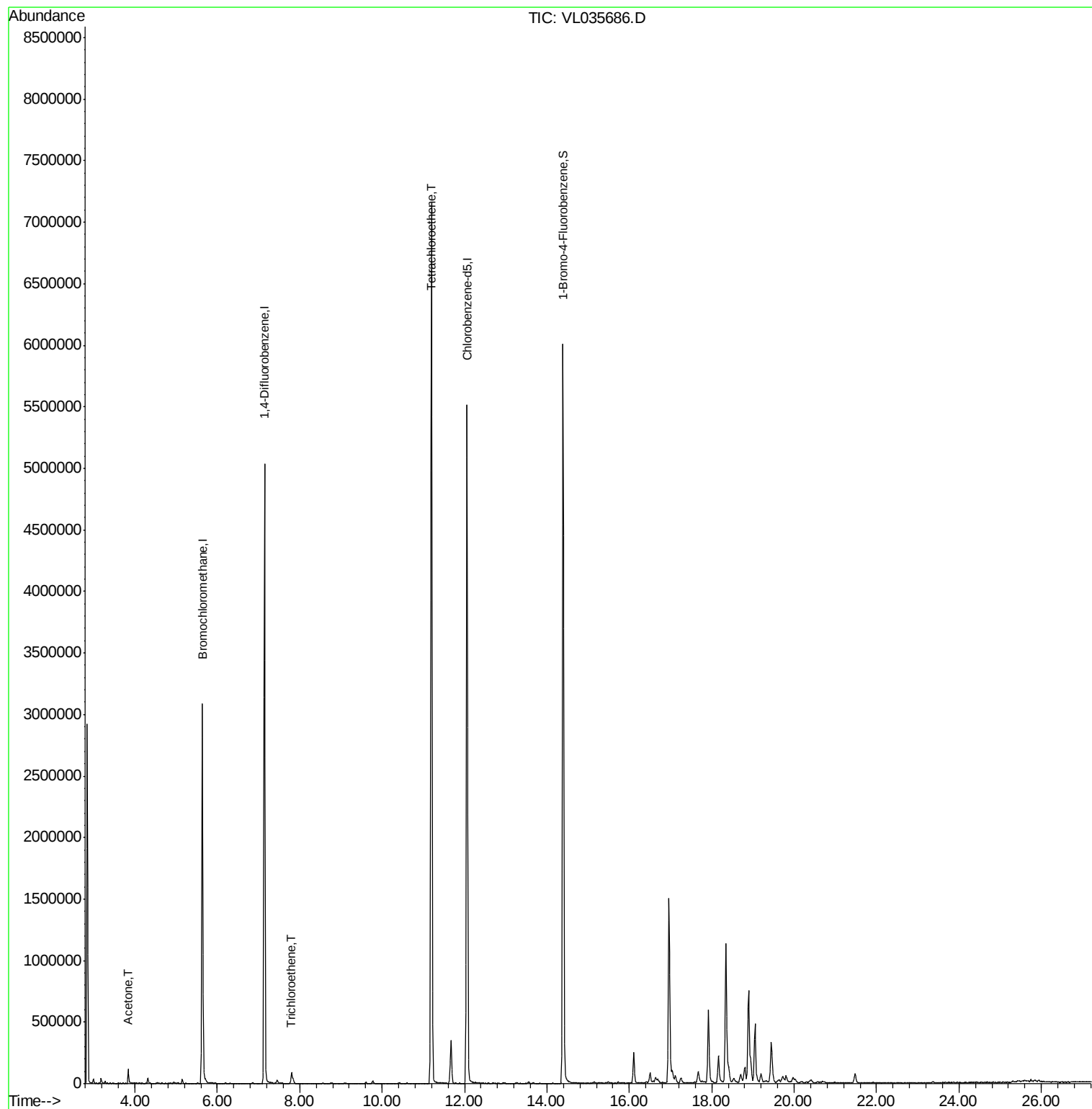
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.83	43	104296	0.915	ppbv	92
38) Trichloroethene	7.80	130	31235	0.211	ppbv	97
52) Tetrachloroethene	11.20	164	1949315	13.086	ppbv	95

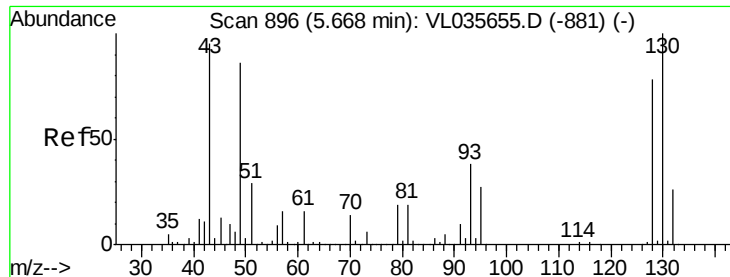
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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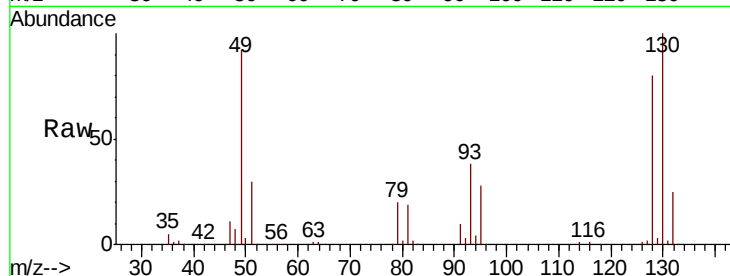




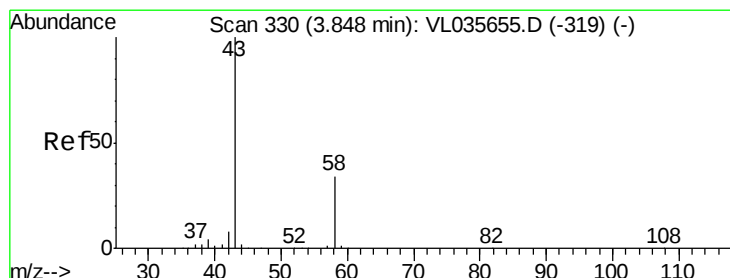
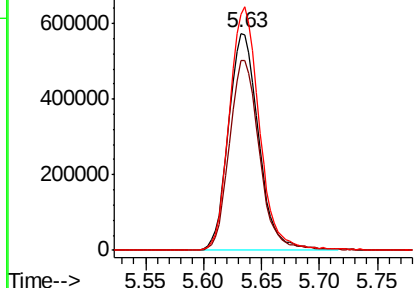
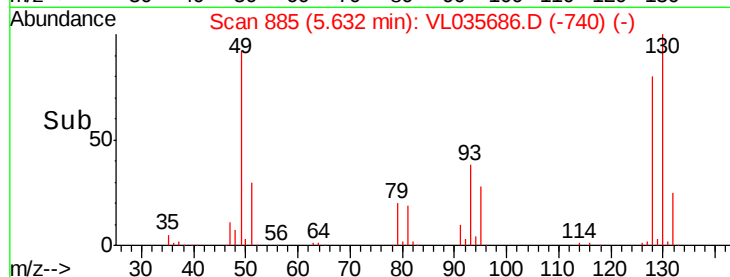
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.63 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: VL035686.D
 Acq: 21 Sep 2020 15:12

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-13DL2DUP

Tot Ion: 49 Resp: 1033098
 Ion Ratio Lower Upper
 49 100
 128 87.4 50.0 150.1
 130 111.7 64.4 193.2

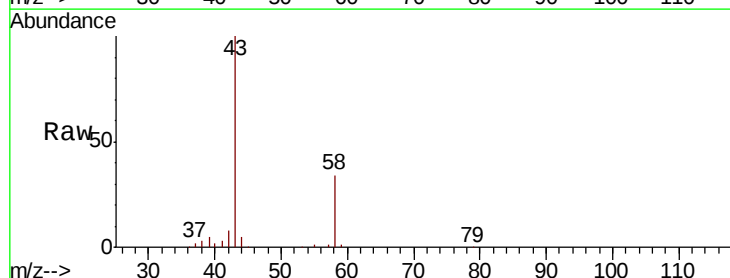


Abundance Ion 49.10 (48.80 to 49.80): VL0
 Ion 128.00 (127.70 to 128.70): V
 Ion 130.00 (129.70 to 130.70): V

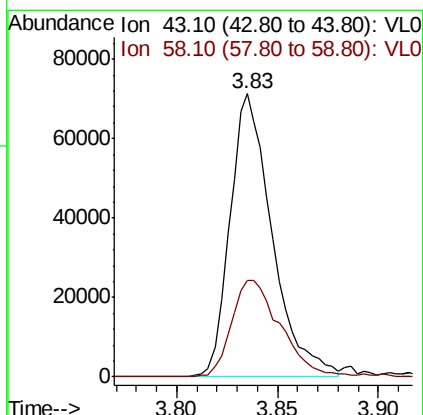
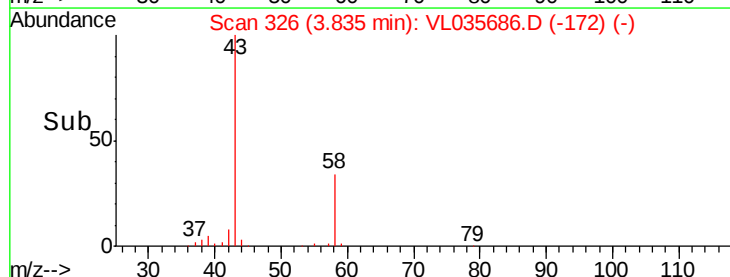


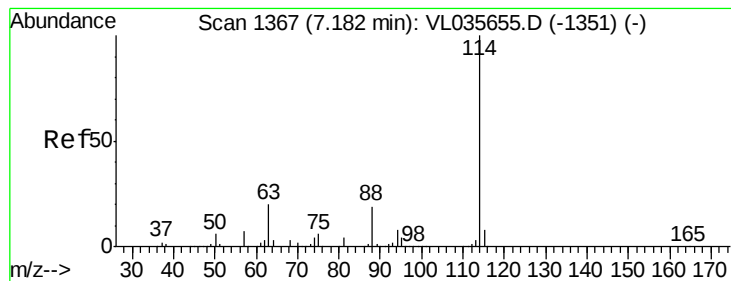
#15
 Acetone
 Concen: 0.915 ppbv
 RT: 3.83 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VL035686.D
 Acq: 21 Sep 2020 15:12

Tgt Ion: 43 Resp: 104296
 Ion Ratio Lower Upper
 43 100
 58 40.2 28.4 42.6



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





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.14 min Scan# 1355

Delta R.T. -0.03 min

Lab File: VL035686.D

Acq: 21 Sep 2020 15:12

Instrument :

MSVOA_L

ClientSampleId :

SV-13DL2DUP

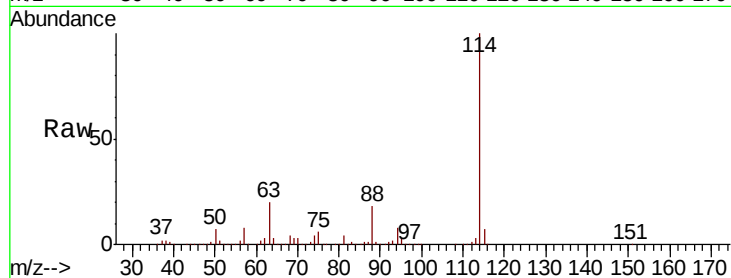
Tot Ion:114 Resp: 3939168

Ion Ratio Lower Upper

114 100

63 19.4 14.7 22.1

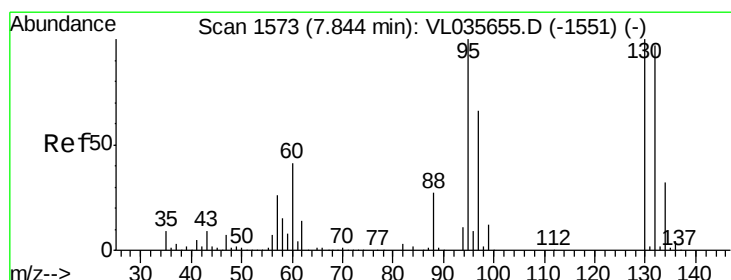
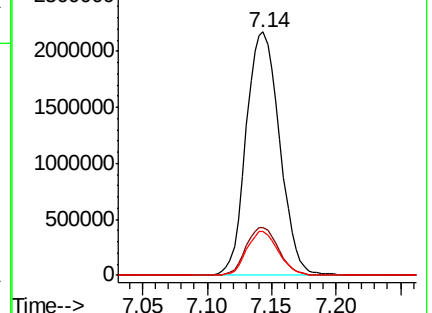
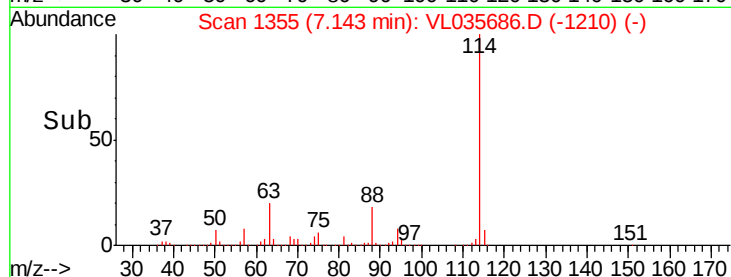
88 17.2 13.4 20.2



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



#38

Trichloroethene

Concen: 0.211 ppbv

RT: 7.80 min Scan# 1560

Delta R.T. -0.04 min

Lab File: VL035686.D

Acq: 21 Sep 2020 15:12

Tgt Ion:130 Resp: 31235

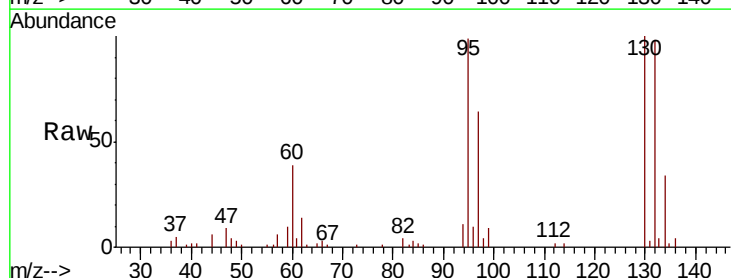
Ion Ratio Lower Upper

130 100

95 99.3 74.6 112.0

132 98.3 77.6 116.4

97 63.8 50.6 76.0

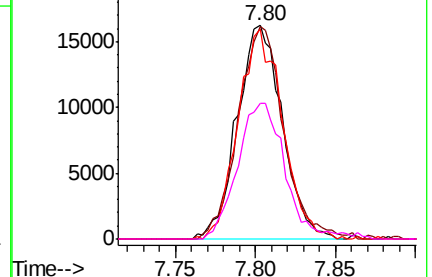
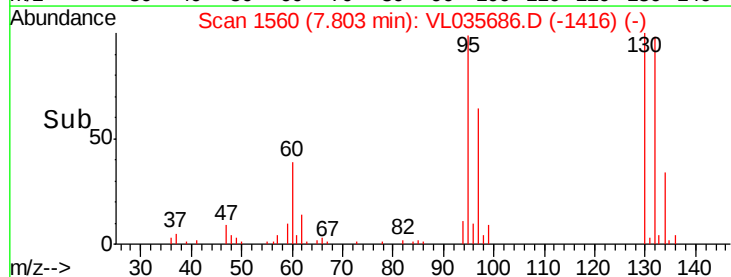


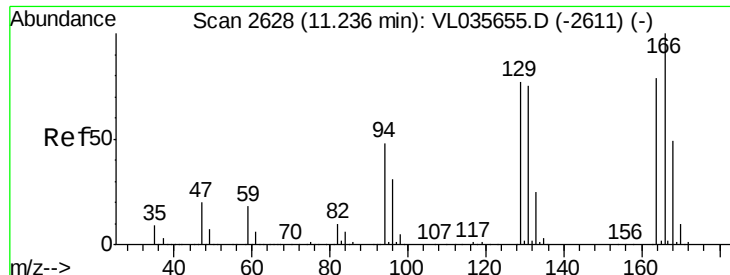
Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0





#52

Tetrachloroethene

Concen: 13.086 ppbv

RT: 11.20 min Scan# 2616

Delta R.T. -0.03 min

Lab File: VL035686.D

Acq: 21 Sep 2020 15:12

Instrument :

MSVOA_L

ClientSampleId :

SV-13DL2DUP

Tot Ion:164 Resp: 1949315

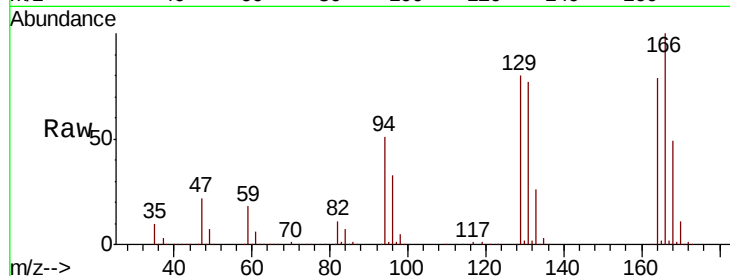
Ion Ratio Lower Upper

164 100

166 126.6 100.9 151.3

129 101.5 75.3 112.9

131 98.0 73.0 109.4

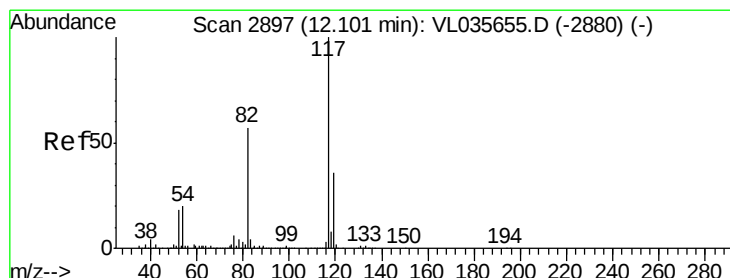
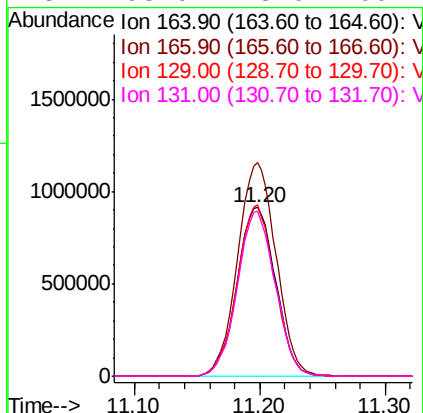
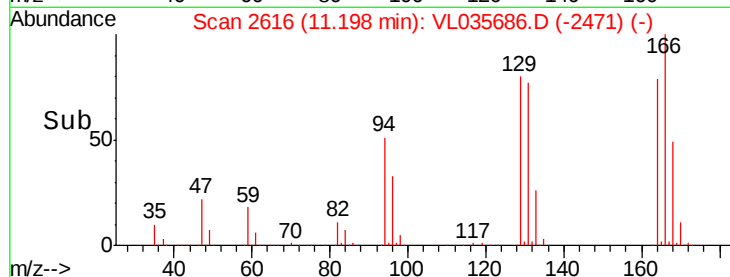


Abundance Ion 163.90 (163.60 to 164.60): V

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# 2884

Delta R.T. -0.04 min

Lab File: VL035686.D

Acq: 21 Sep 2020 15:12

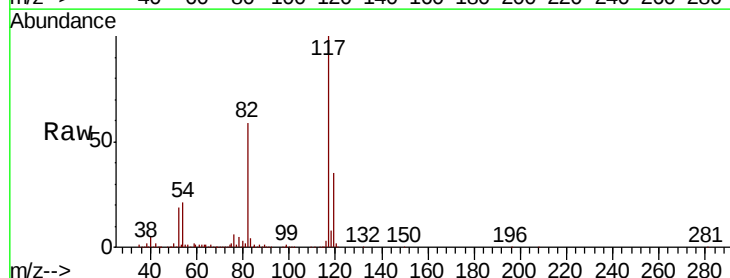
Tgt Ion:117 Resp: 3966220

Ion Ratio Lower Upper

117 100

82 57.6 41.6 62.4

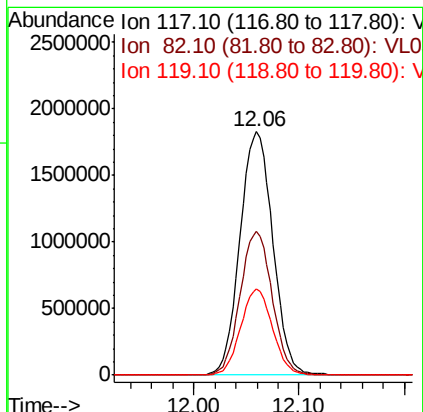
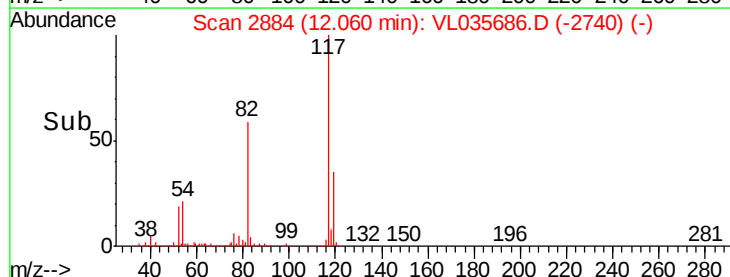
119 34.4 29.3 43.9

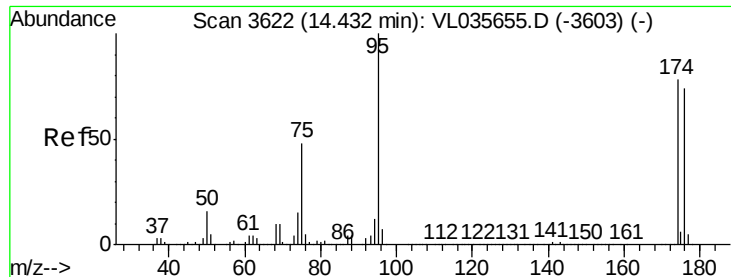


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.278 ppbv

RT: 14.39 min Scan# 3609

Delta R.T. -0.04 min

Lab File: VL035686.D

Acq: 21 Sep 2020 15:12

Instrument :

MSVOA_L

ClientSampleId :

SV-13DL2DUP

Tot Ion: 95 Resp: 2894916

Ion Ratio Lower Upper

95 100

174 77.9 69.6 104.4

175 5.7 5.1 7.7

