

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091720\
 Data File : VL035670.D
 Acq On : 17 Sep 2020 23:53
 Operator : SY/AP
 Sample : L3983-05DL2 600X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-11ADL2

Quant Time: Sep 18 05:10:26 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	5.67	49	1091315	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4197158	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4162050	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	3030762	10.25	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.50%

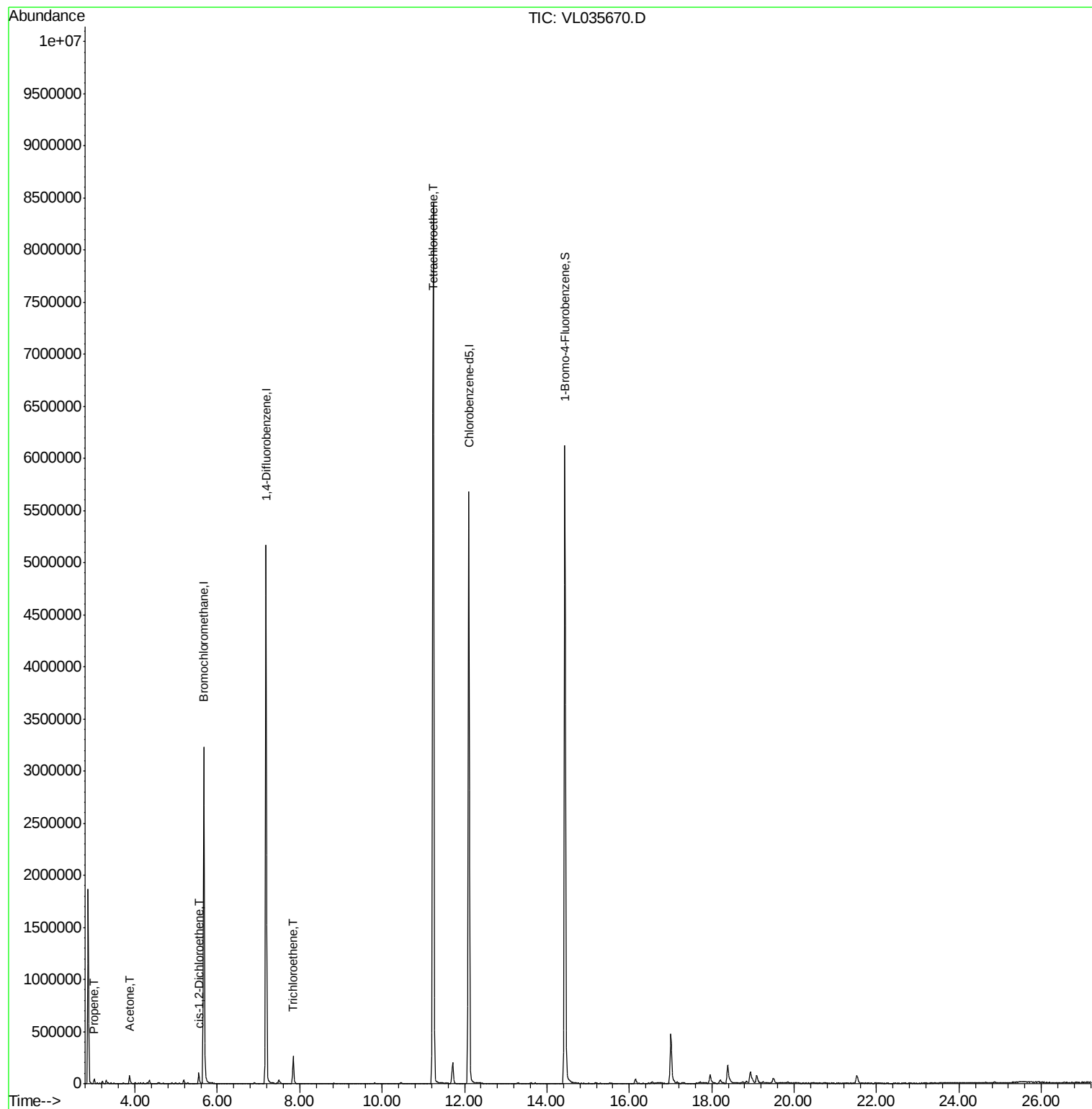
Target Compounds					Ovalue
9) Propene	3.00	41	17782	0.382	ppbv 97
15) Acetone	3.87	43	65433	0.544	ppbv # 82
31) cis-1,2-Dichloroethene	5.55	61	49477	0.400	ppbv 84
38) Trichloroethene	7.84	130	93667	0.594	ppbv 95
52) Tetrachloroethene	11.24	164	2404191	15.147	ppbv 97

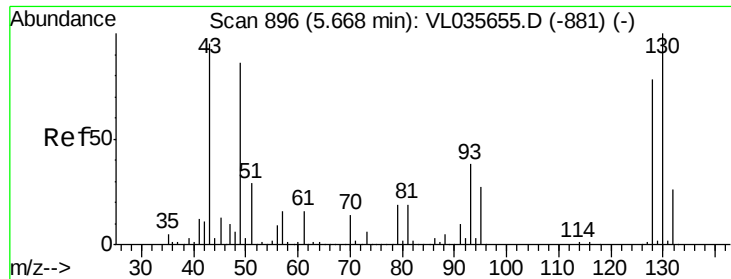
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. 0.01 min

Lab File: VL035670.D

Acq: 17 Sep 2020 23:53

Instrument :

MSVOA_L

ClientSampleId :

SV-11ADL2

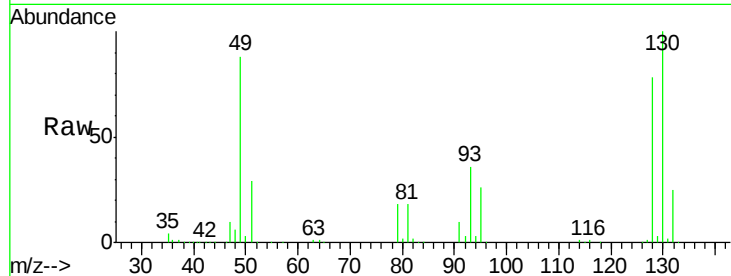
Tot Ion: 49 Resp: 1091315

Ion Ratio Lower Upper

49 100

128 89.4 50.0 150.1

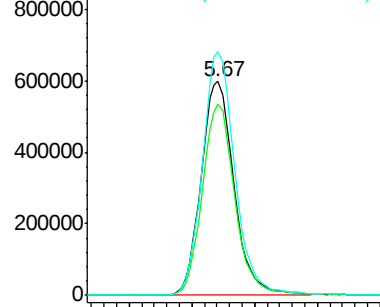
130 113.6 64.4 193.2



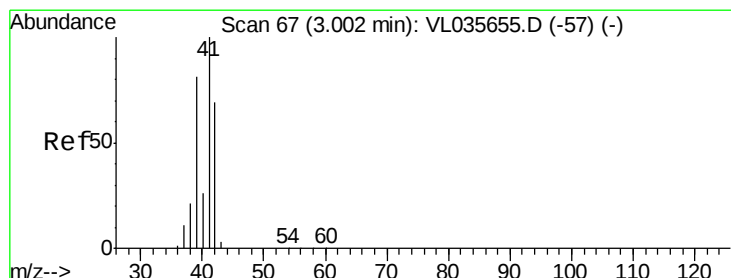
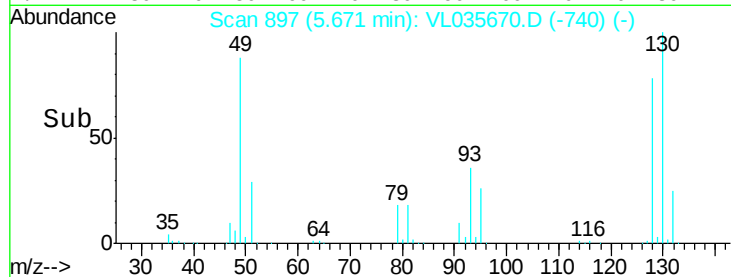
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



Time-->



#9

Propene

Concen: 0.382 ppbv

RT: 3.00 min Scan# 67

Delta R.T. 0.01 min

Lab File: VL035670.D

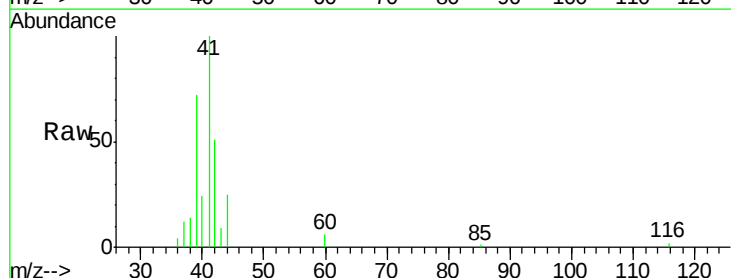
Acq: 17 Sep 2020 23:53

Tgt Ion: 41 Resp: 17782

Ion Ratio Lower Upper

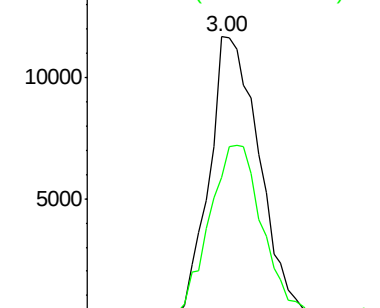
41 100

42 68.2 56.3 84.5

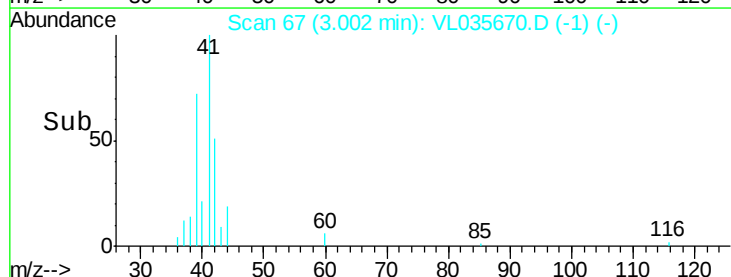


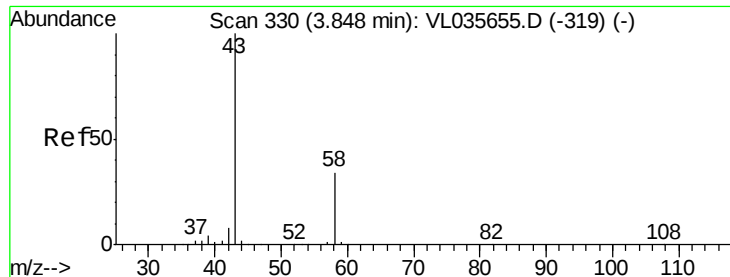
Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



Time-->





#15

Acetone

Concen: 0.544 ppbv

RT: 3.87 min Scan# 337

Delta R.T. 0.03 min

Lab File: VL035670.D

Acq: 17 Sep 2020 23:53

Instrument :

MSVOA_L

ClientSampleId :

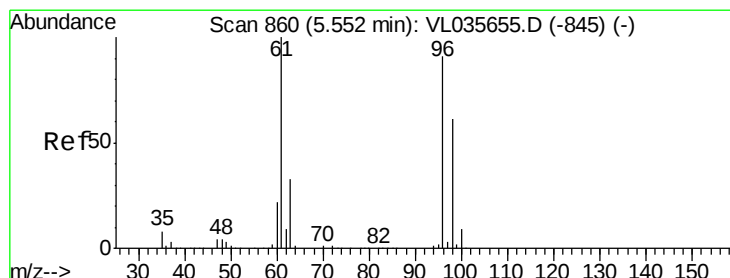
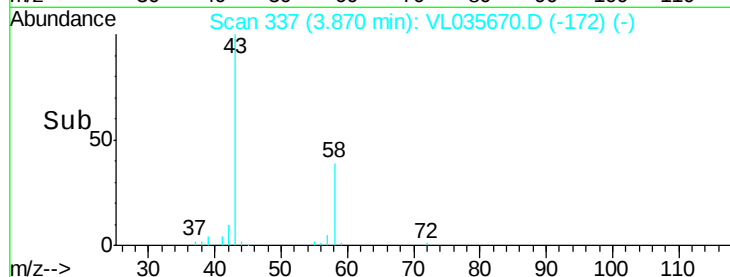
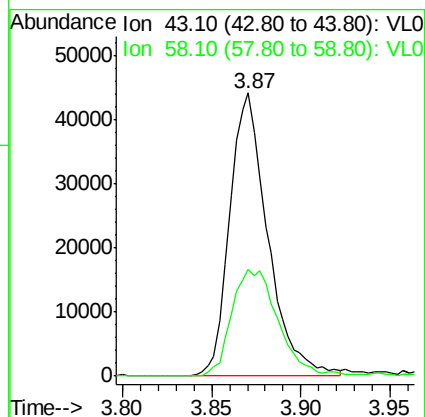
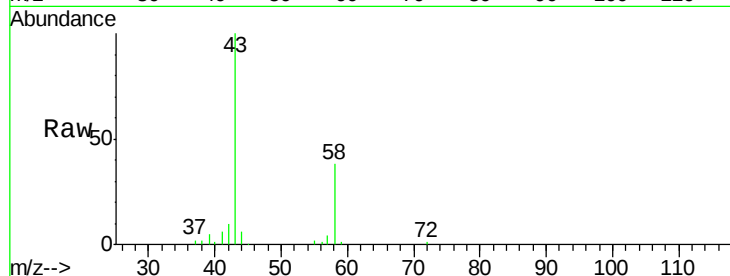
SV-11ADL2

Tot Ion: 43 Resp: 65433

Ion Ratio Lower Upper

43 100

58 46.0 28.4 42.6#



#31

cis-1,2-Dichloroethene

Concen: 0.400 ppbv

RT: 5.55 min Scan# 859

Delta R.T. 0.00 min

Lab File: VL035670.D

Acq: 17 Sep 2020 23:53

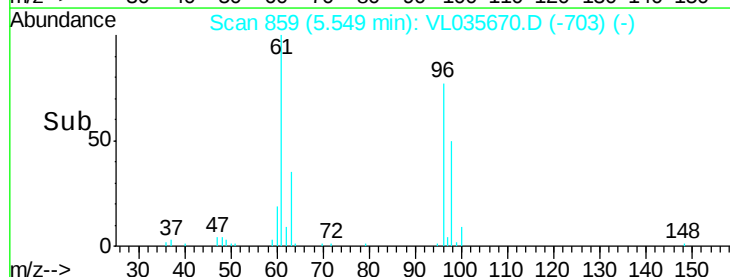
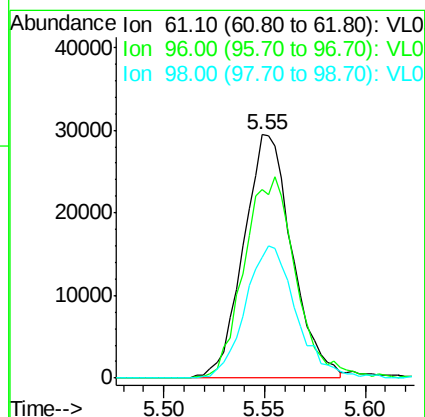
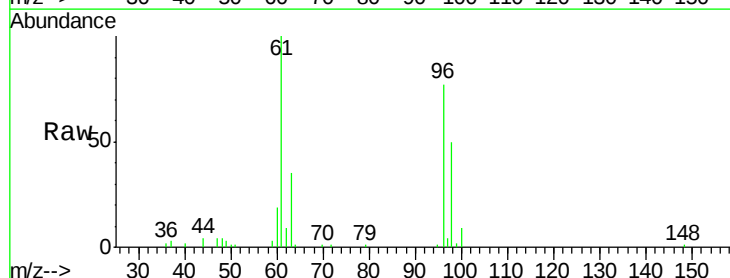
Tgt Ion: 61 Resp: 49477

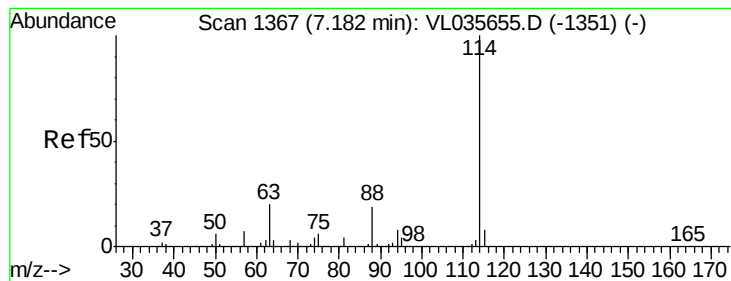
Ion Ratio Lower Upper

61 100

96 77.2 74.4 111.6

98 49.8 49.2 73.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. 0.01 min

Lab File: VL035670.D

Acq: 17 Sep 2020 23:53

Instrument :

MSVOA_L

ClientSampleId :

SV-11ADL2

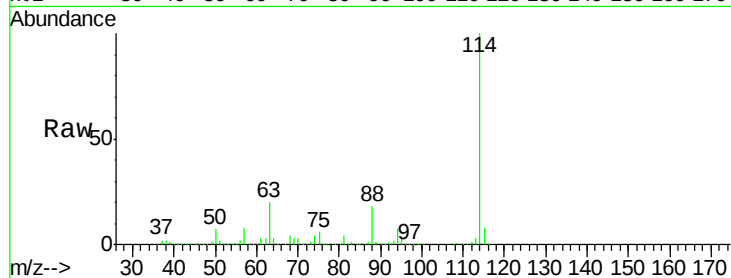
Tot Ion:114 Resp: 4197158

Ion Ratio Lower Upper

114 100

63 19.1 14.7 22.1

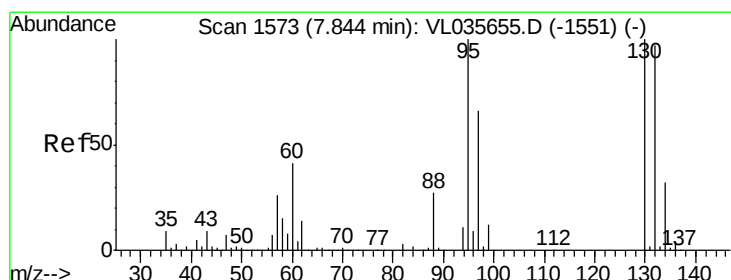
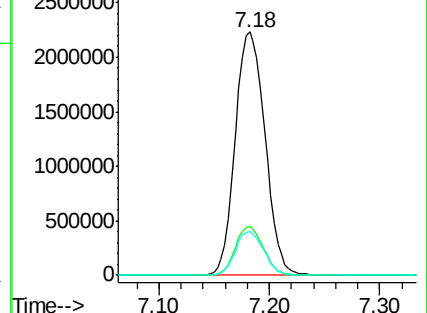
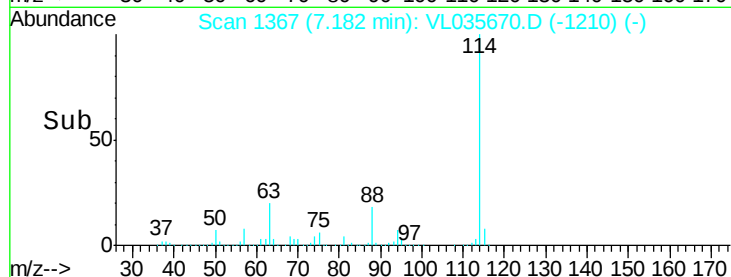
88 17.2 13.4 20.2



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: 0.594 ppbv

RT: 7.84 min Scan# 1573

Delta R.T. 0.01 min

Lab File: VL035670.D

Acq: 17 Sep 2020 23:53

Tgt Ion:130 Resp: 93667

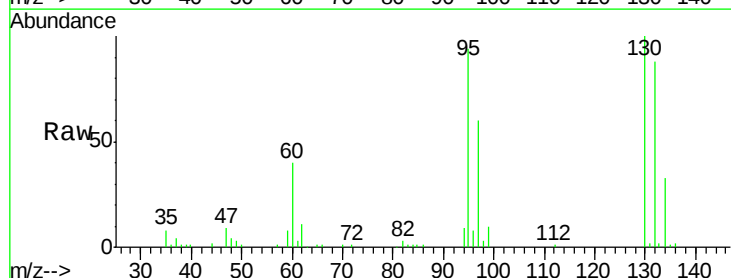
Ion Ratio Lower Upper

130 100

95 93.8 74.6 112.0

132 88.4 77.6 116.4

97 60.1 50.6 76.0

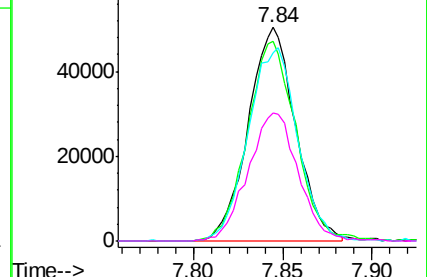
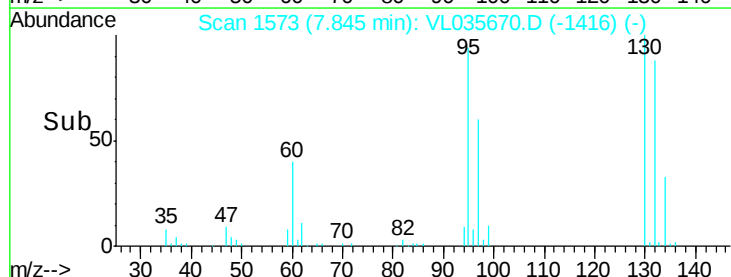


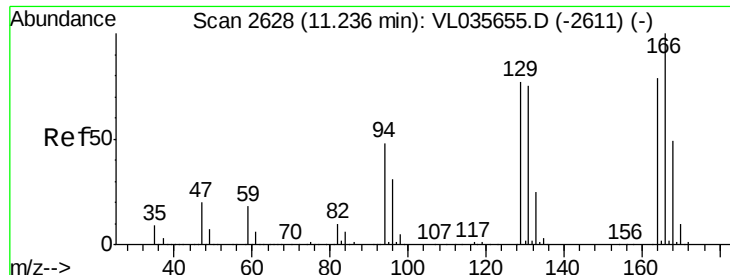
Abundance Ion 130.00 (129.70 to 130.70): V

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: 15.147 ppbv

RT: 11.24 min Scan# 2630

Delta R.T. 0.01 min

Lab File: VL035670.D

Acq: 17 Sep 2020 23:53

Instrument :

MSVOA_L

ClientSampleId :

SV-11ADL2

Tot Ion:164 Resp: 2404191

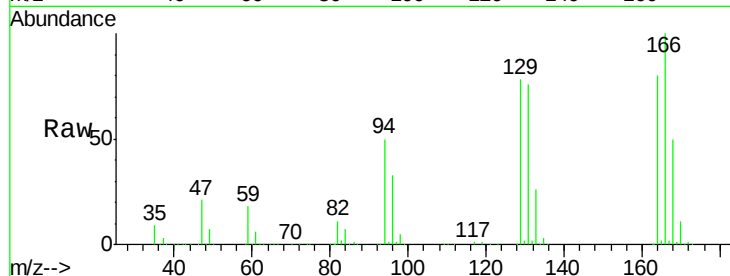
Ion Ratio Lower Upper

164 100

166 124.9 100.9 151.3

129 98.0 75.3 112.9

131 95.3 73.0 109.4

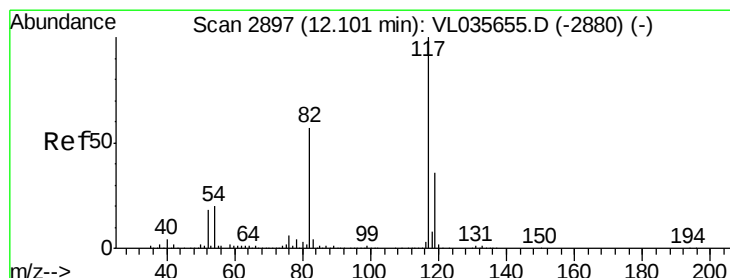
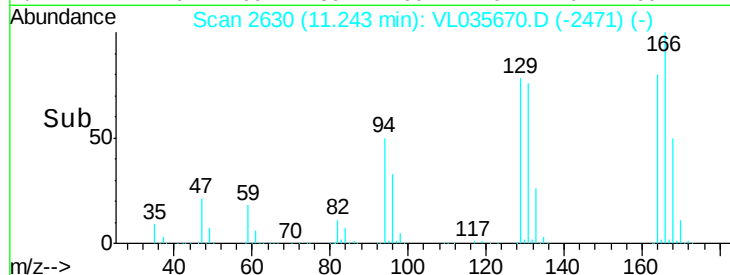
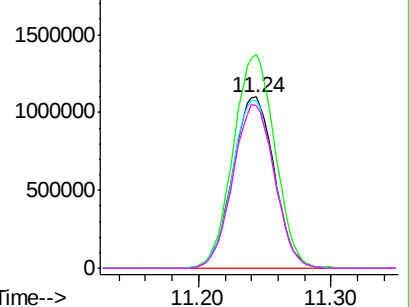


Abundance Ion 163.90 (163.60 to 164.60): V

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: 12.10 min Scan# 2898

Delta R.T. 0.01 min

Lab File: VL035670.D

Acq: 17 Sep 2020 23:53

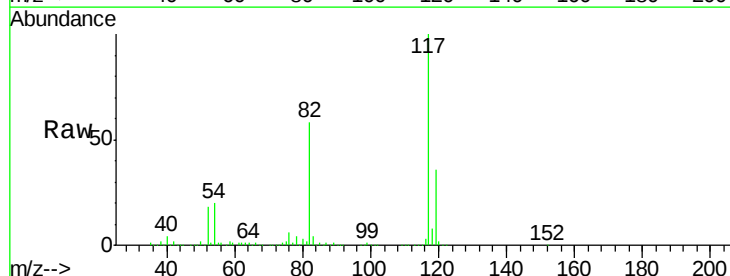
Tgt Ion:117 Resp: 4162050

Ion Ratio Lower Upper

117 100

82 57.0 41.6 62.4

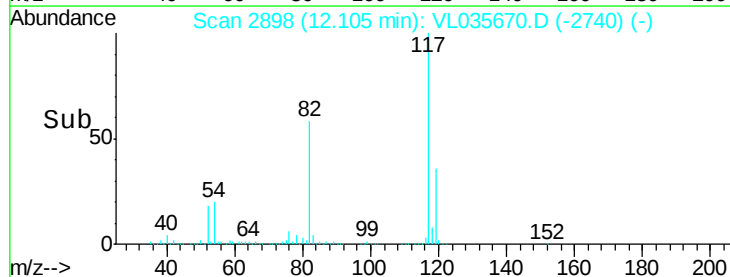
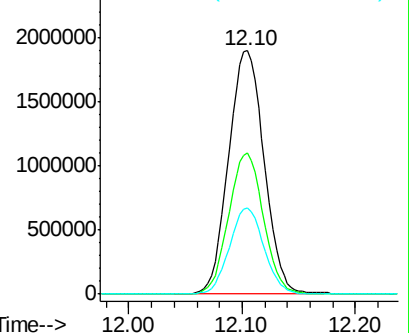
119 34.5 29.3 43.9

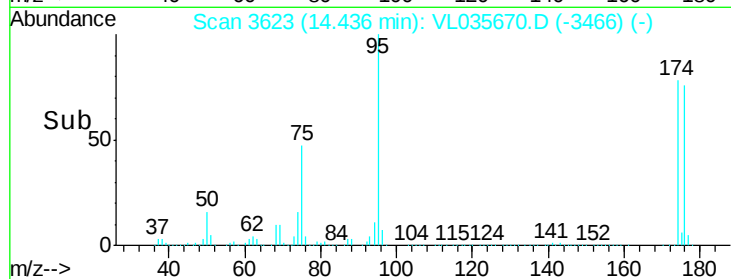
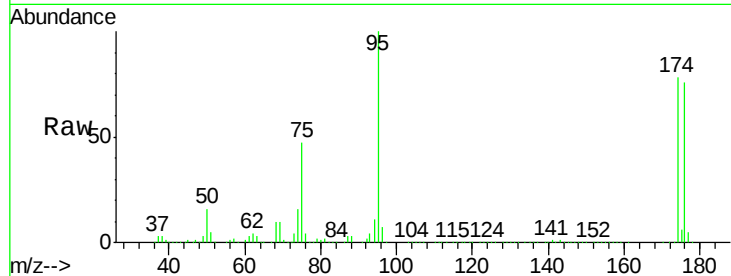
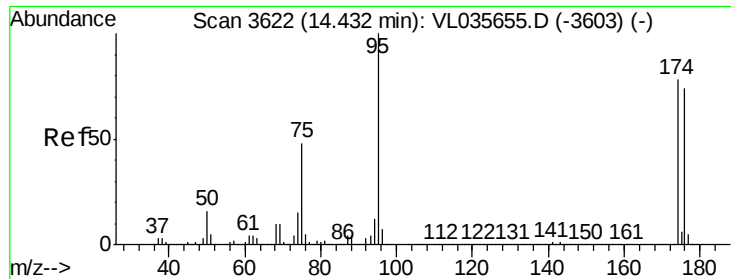


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.254 ppbv

RT: 14.44 min Scan# 3623

Delta R.T. 0.01 min

Lab File: VL035670.D

Acq: 17 Sep 2020 23:53

Instrument :

MSVOA_L

ClientSampleId :

SV-11ADL2

Tot Ion: 95 Resp: 3030762

Ion Ratio Lower Upper

95 100

174 79.4 69.6 104.4

175 5.7 5.1 7.7

