

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011519\
 Data File : VW008288.D
 Acq On : 15 Jan 2019 18:15
 Operator : SY/VA
 Sample : K1147-10
 Misc : 4.22G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4

Quant Time: Jan 16 01:54:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

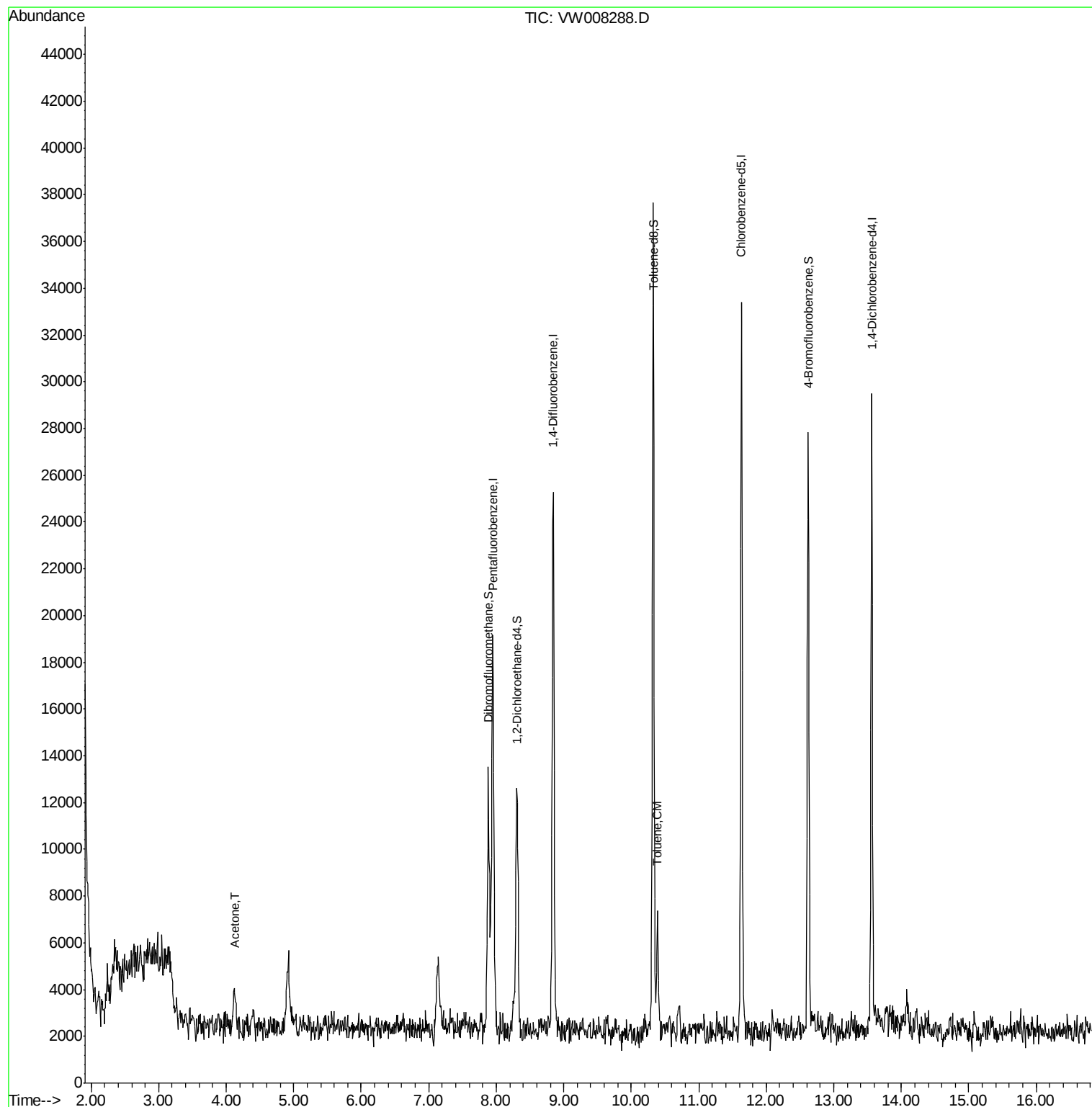
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	12458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	19512	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	17675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	6903	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	7924	56.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.18%	
35) Dibromofluoromethane	7.88	113	7004	61.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.10%	
50) Toluene-d8	10.32	98	24614	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.62	95	7487	43.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.46%	
Target Compounds						
16) Acetone	4.13	43	3094	111.191	ug/l	97
52) Toluene	10.38	92	2014	5.785	ug/l	94

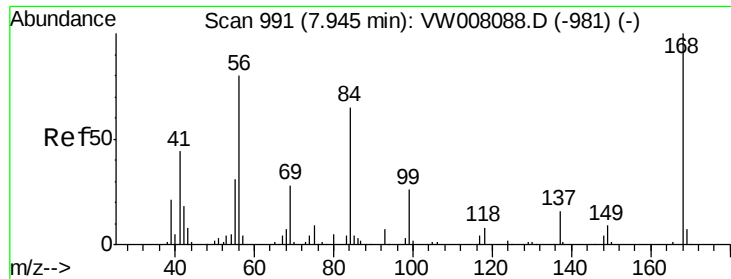
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008288.D

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Instrument :

MSVOA_W

ClientSampleId :

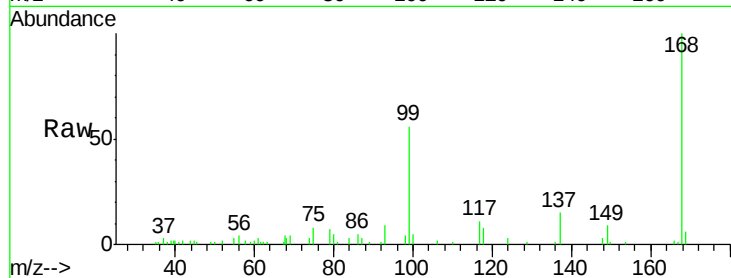
TP-4

Tot Ion:168 Resp: 12458

Ion Ratio Lower Upper

168 100

99 56.1 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

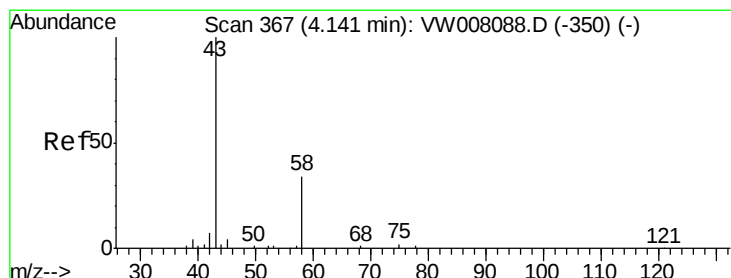
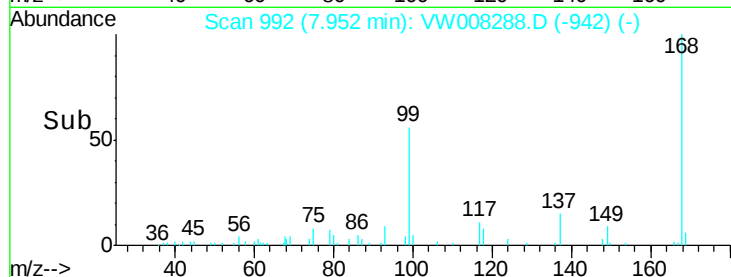
6000

4000

2000

0

Time-->



#16

Acetone

Concen: 111.191 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW008288.D

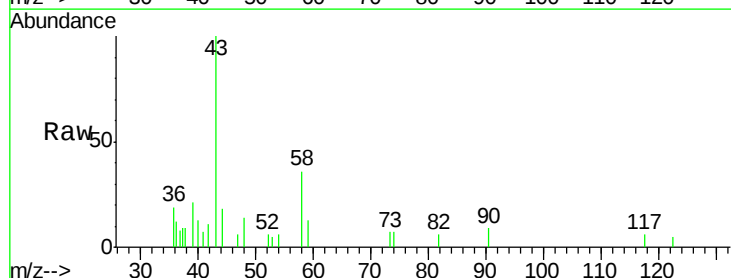
Acq: 15 Jan 2019 18:15

Tgt Ion: 43 Resp: 3094

Ion Ratio Lower Upper

43 100

58 36.0 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

1200

1000

800

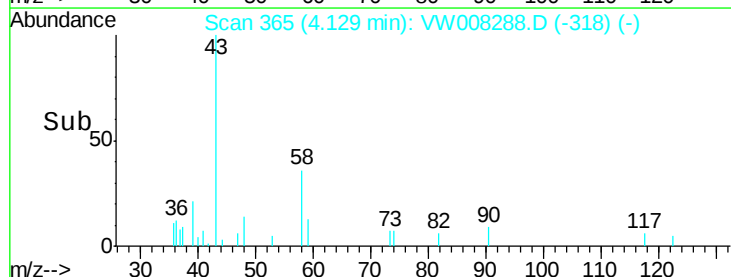
600

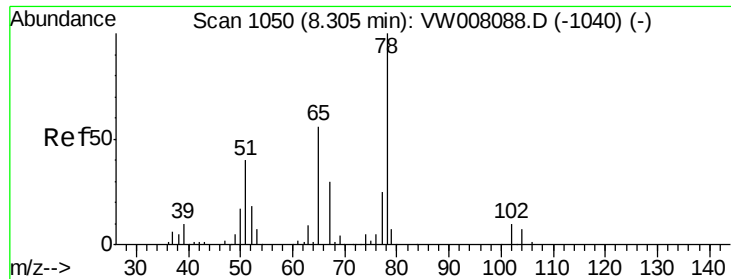
400

200

0

Time-->

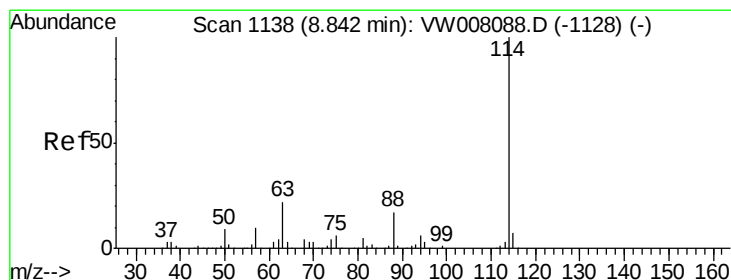
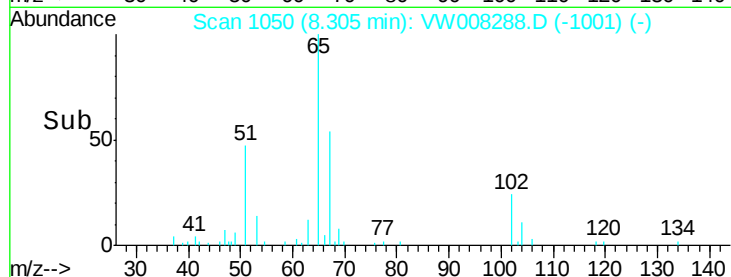
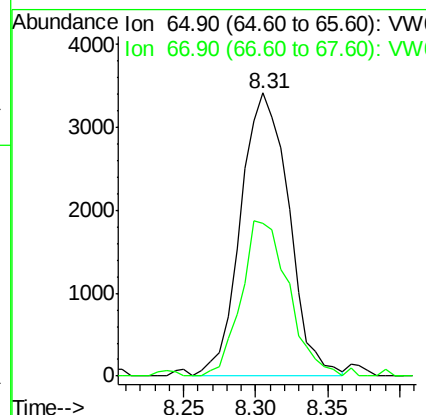
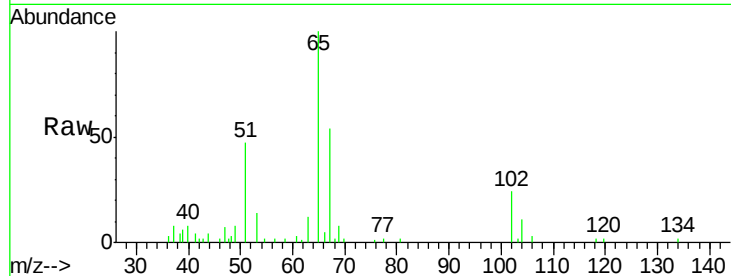




#33
 1,2-Dichloroethane-d4
 Concen: 56.593 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008288.D
 Acq: 15 Jan 2019 18:15

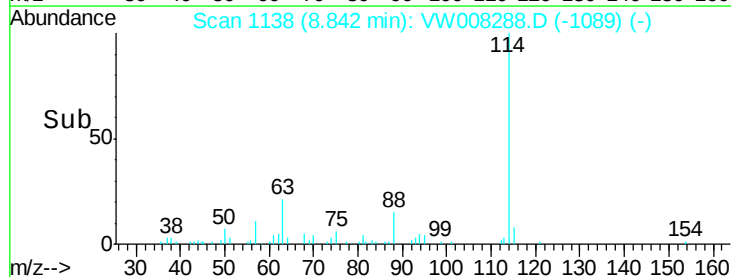
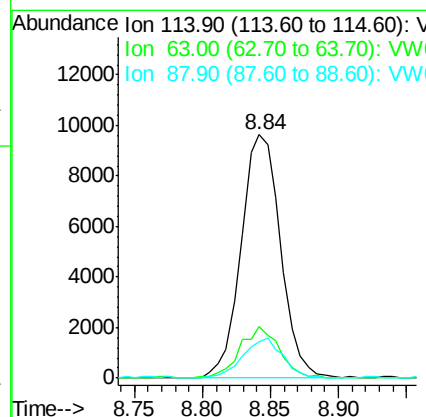
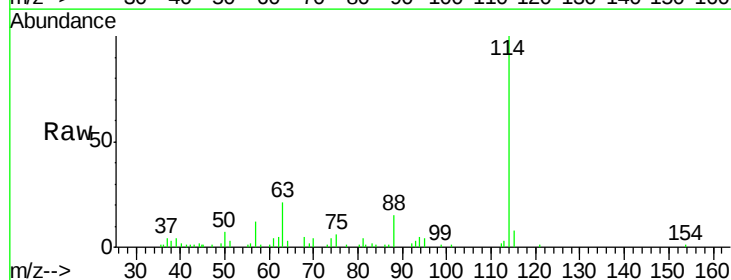
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4

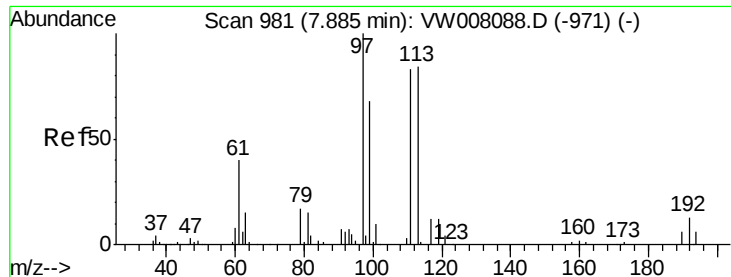
Tot Ion: 65 Resp: 7924
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008288.D
 Acq: 15 Jan 2019 18:15

Tgt Ion: 114 Resp: 19512
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.4
 88 14.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 61.546 ug/l

RT: 7.88 min Scan# 981

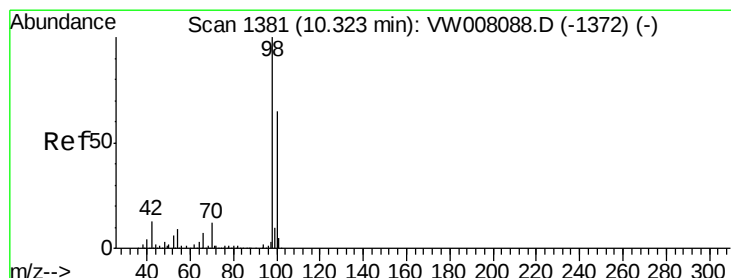
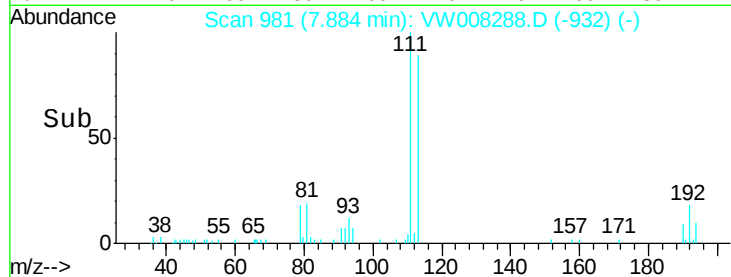
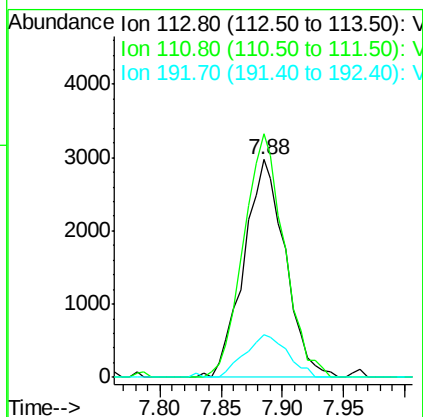
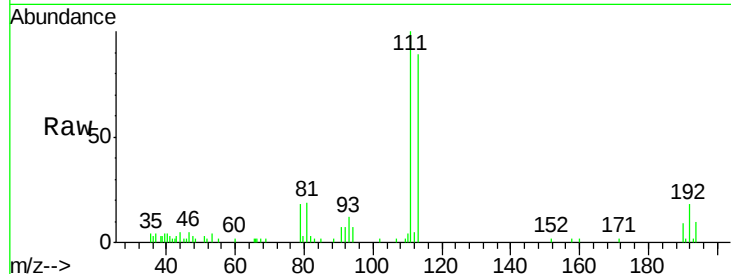
Delta R.T. -0.00 min

Lab File: VW008288.D

Acq: 15 Jan 2019 18:15

Instrument :
MSVOA_W
ClientSampled :
TP-4

Tot Ion:113 Resp: 7004
Ion Ratio Lower Upper
113 100
111 109.9 81.8 122.8
192 20.0 12.8 19.2#



#50

Toluene-d8

Concen: 51.542 ug/l

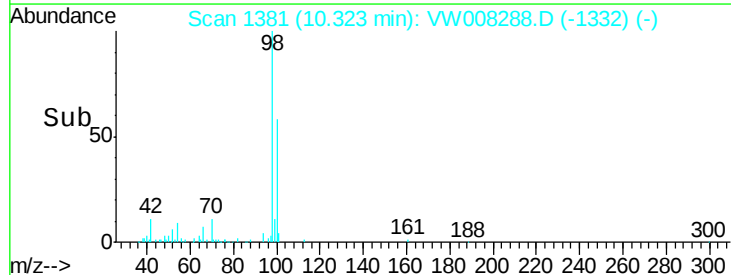
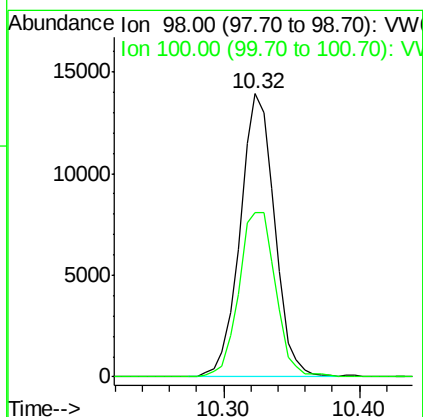
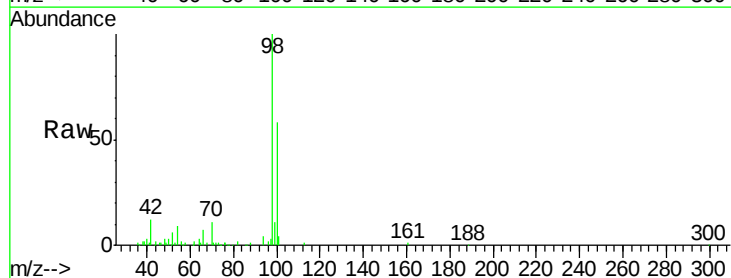
RT: 10.32 min Scan# 1381

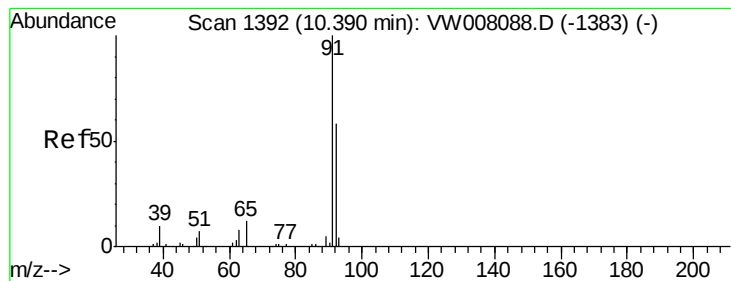
Delta R.T. -0.00 min

Lab File: VW008288.D

Acq: 15 Jan 2019 18:15

Tgt Ion: 98 Resp: 24614
Ion Ratio Lower Upper
98 100
100 62.1 51.7 77.5





#52

Toluene

Concen: 5.785 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008288.D

Acq: 15 Jan 2019 18:15

Instrument :

MSVOA_W

ClientSampled :

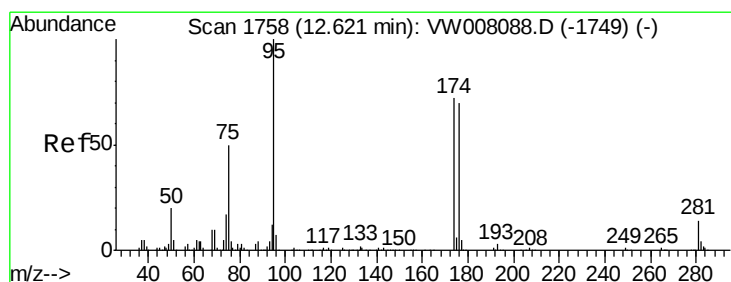
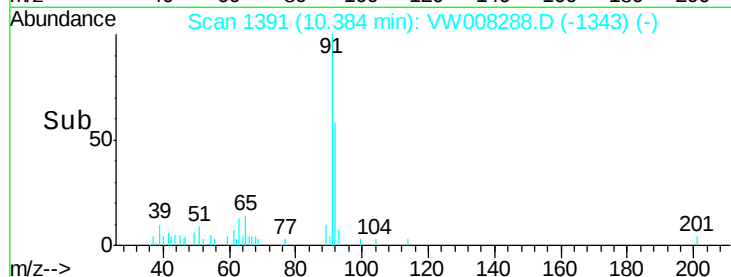
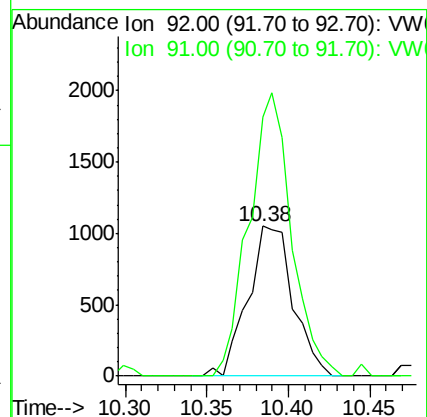
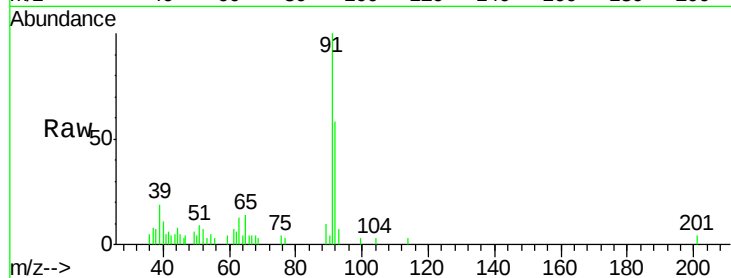
TP-4

Tot Ion: 92 Resp: 2014

Ion Ratio Lower Upper

92 100

91 179.3 137.0 205.4



#62

4-Bromofluorobenzene

Concen: 43.732 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008288.D

Acq: 15 Jan 2019 18:15

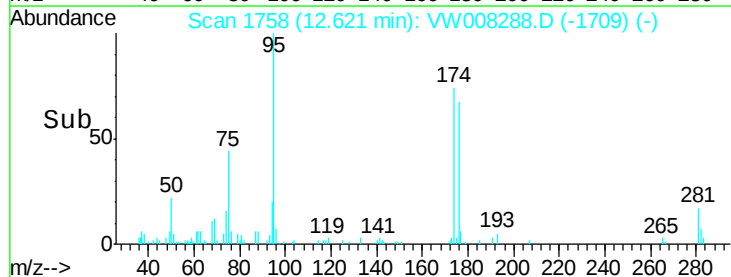
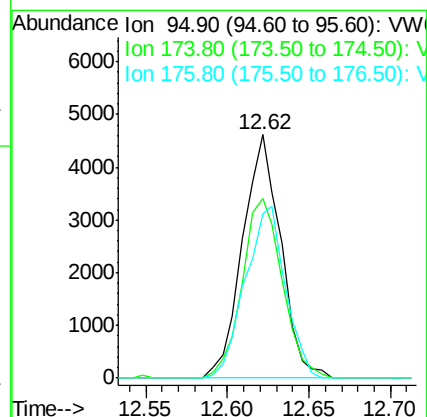
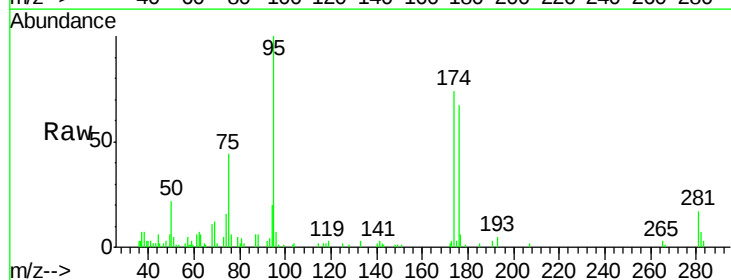
Tgt Ion: 95 Resp: 7487

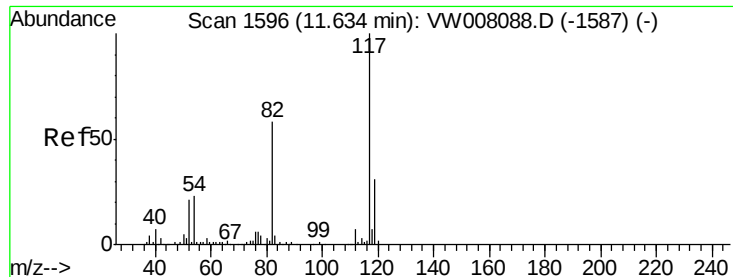
Ion Ratio Lower Upper

95 100

174 77.9 0.0 143.0

176 74.6 0.0 140.2

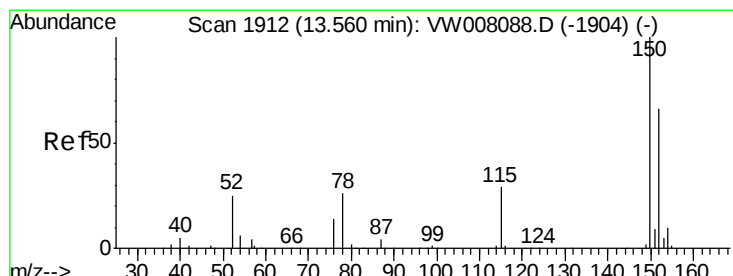
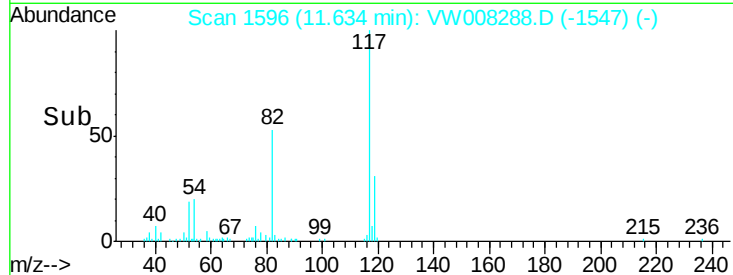
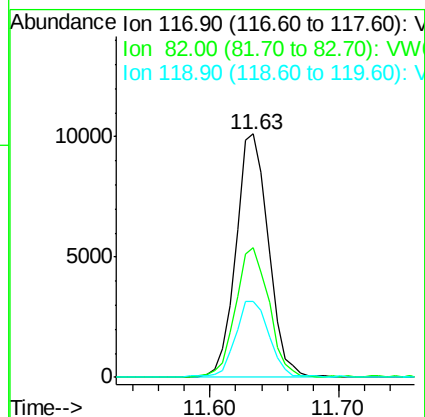
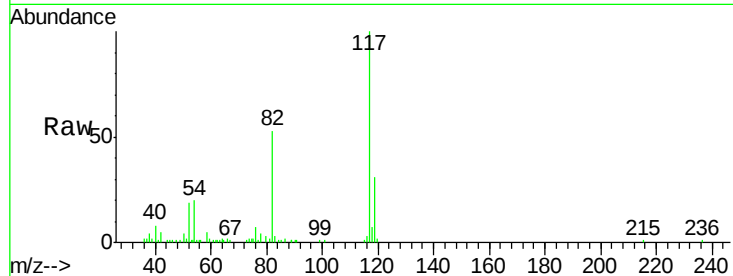




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008288.D
Acq: 15 Jan 2019 18:15

Instrument :
MSVOA_W
ClientSampleId :
TP-4

Tot Ion:117 Resp: 17675
Ion Ratio Lower Upper
117 100
82 53.1 46.4 69.6
119 30.7 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008288.D
Acq: 15 Jan 2019 18:15

Tgt Ion:152 Resp: 6903
Ion Ratio Lower Upper
152 100
115 61.1 30.8 92.4
150 159.0 0.0 350.2

