

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092518\
 Data File : VW005621.D
 Acq On : 25 Sep 2018 19:36
 Operator : VA/AP
 Sample : J5066-11
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-H3

Quant Time: Sep 26 05:10:27 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

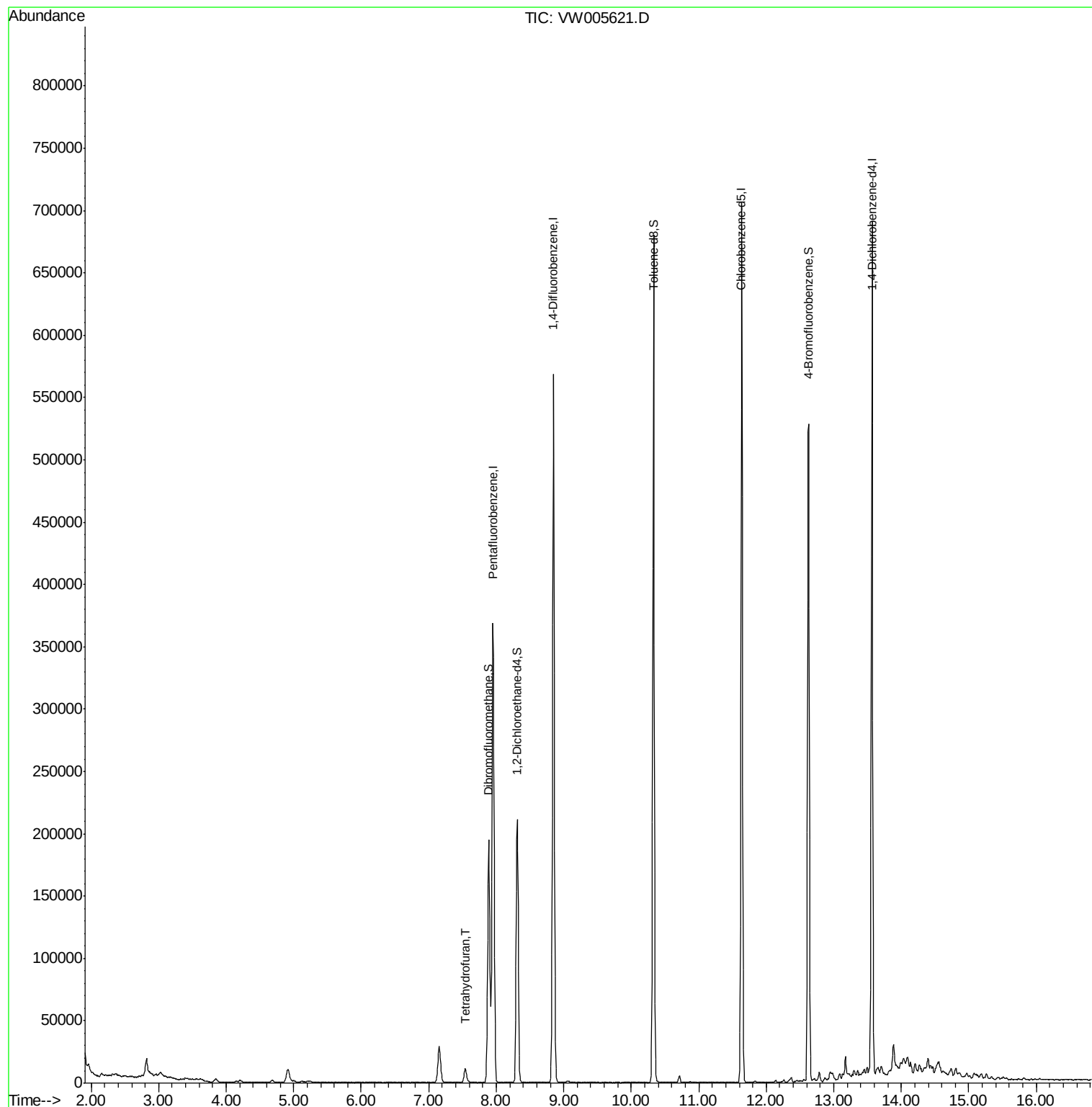
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	272546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	449227	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	385358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	175781	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	171963	53.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.12%	
35) Dibromofluoromethane	7.89	113	140551	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
50) Toluene-d8	10.33	98	437124	38.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.00%	
62) 4-Bromofluorobenzene	12.62	95	176642	41.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.00%	
Target Compounds						
29) Tetrahydrofuran	7.54	42	8956	18.383	ug/l	Qvalue 98

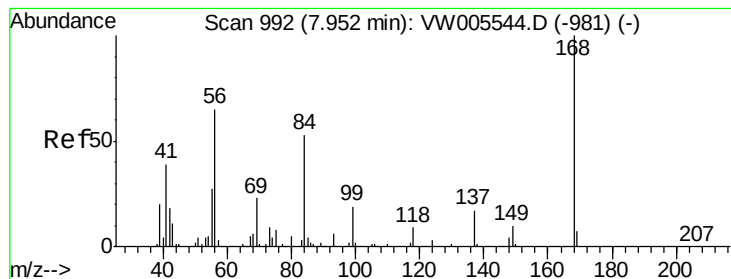
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005621.D

Acq: 25 Sep 2018 19:36

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MSVOA_W

ClientSampleId :

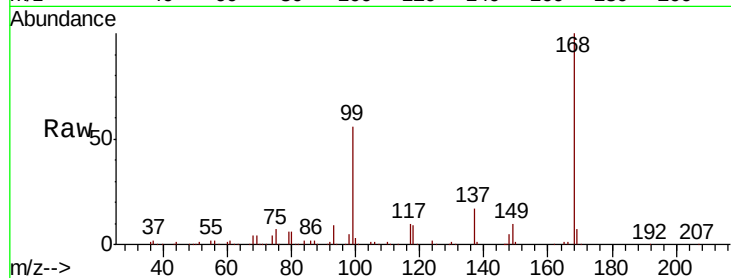
EP1-Q1-H3

Tot Ion:168 Resp: 272546

Ion Ratio Lower Upper

168 100

99 56.0 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

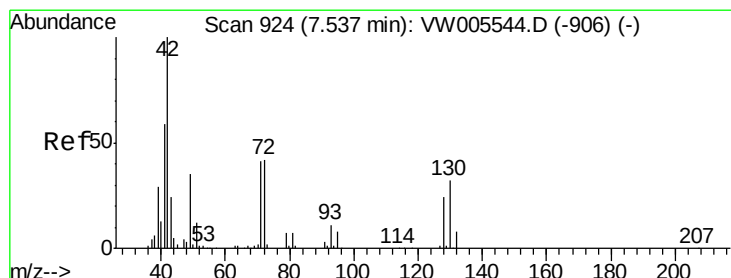
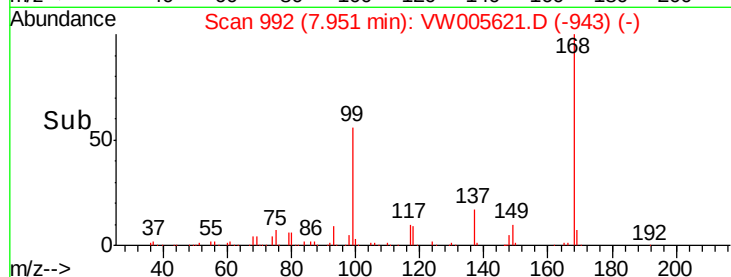
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#29

Tetrahydrofuran

Concen: 18.383 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.00 min

Lab File: VW005621.D

Acq: 25 Sep 2018 19:36

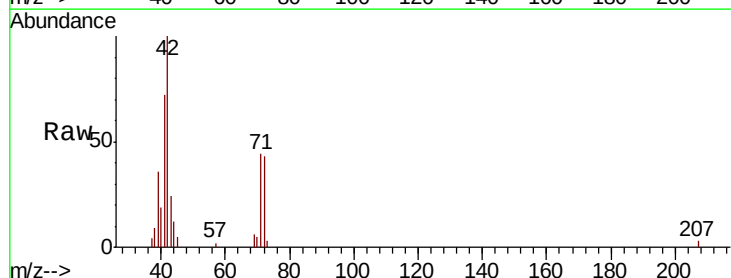
Tgt Ion: 42 Resp: 8956

Ion Ratio Lower Upper

42 100

72 40.0 33.6 50.4

71 39.6 31.8 47.6



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

4000

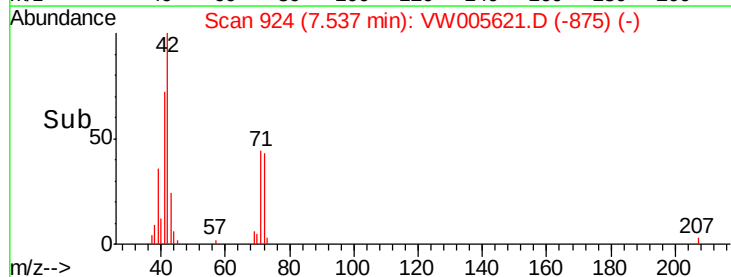
3000

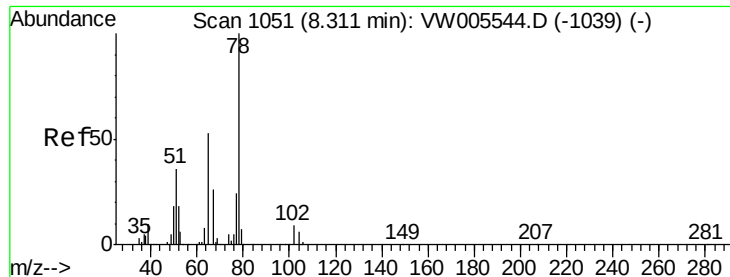
2000

1000

0

Time--> 7.50 7.54 7.58

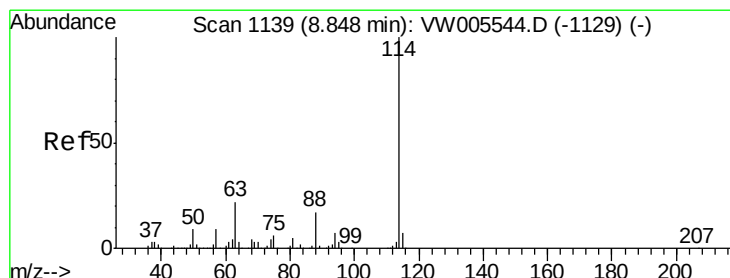
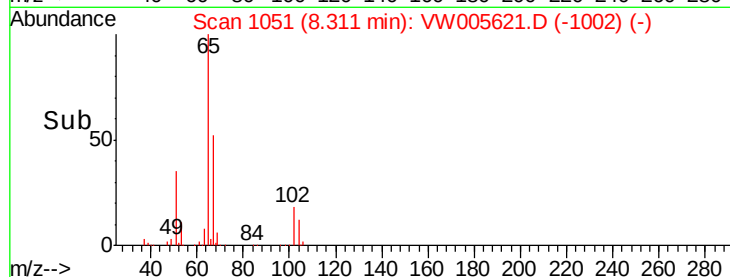
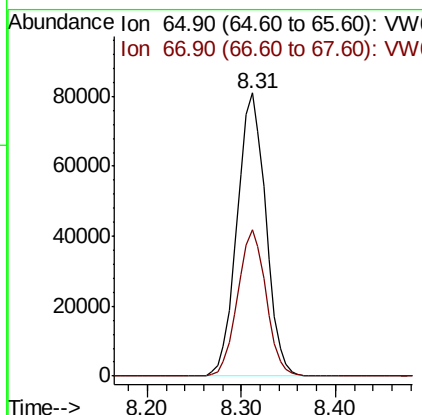
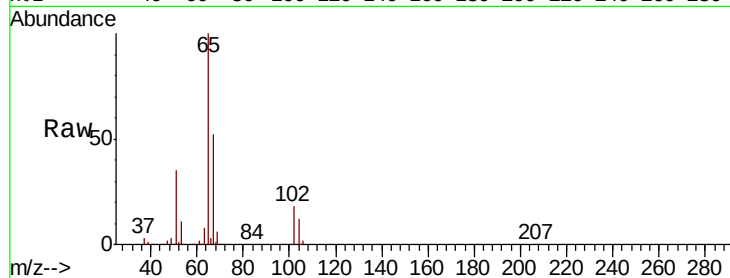




#33
 1,2-Dichloroethane-d4
 Concen: 53.558 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005621.D
 Acq: 25 Sep 2018 19:36

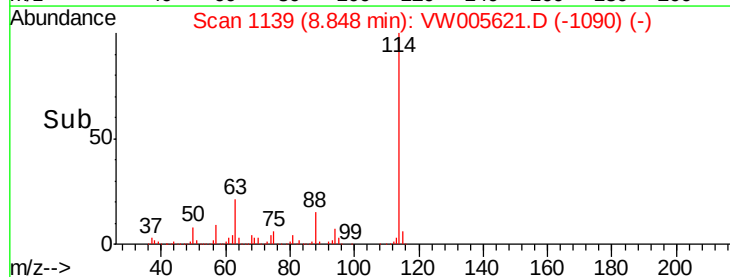
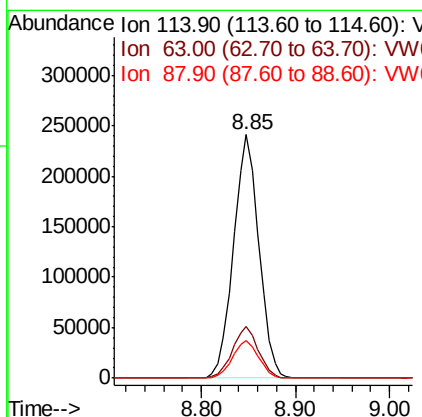
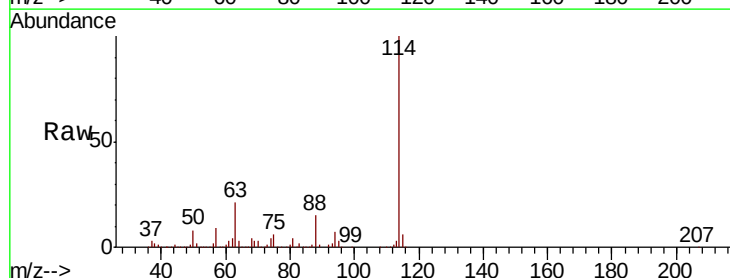
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-H3

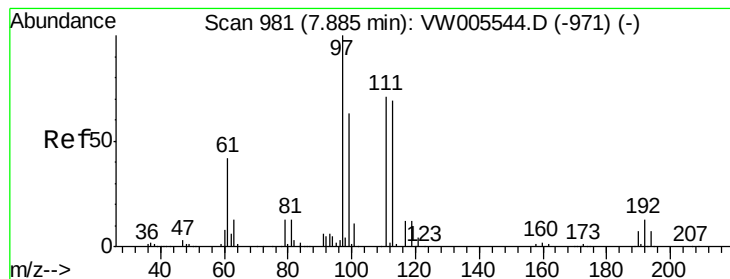
Tot Ion: 65 Resp: 171963
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005621.D
 Acq: 25 Sep 2018 19:36

Tgt Ion: 114 Resp: 449227
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.0
 88 15.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.752 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005621.D

Acq: 25 Sep 2018 19:36

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-H3

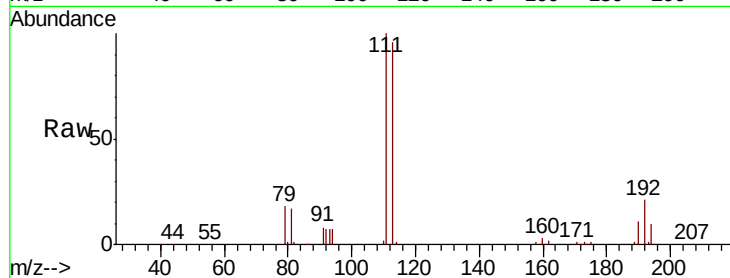
Tot Ion:113 Resp: 140551

Ion Ratio Lower Upper

113 100

111 101.5 82.6 123.8

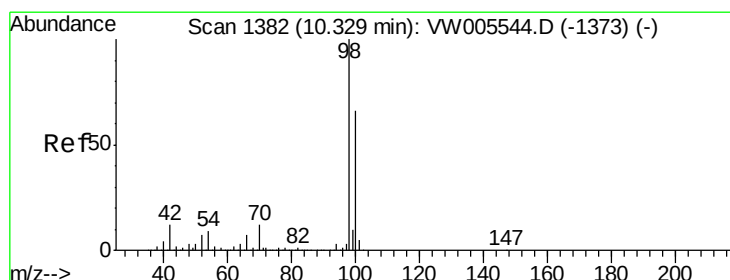
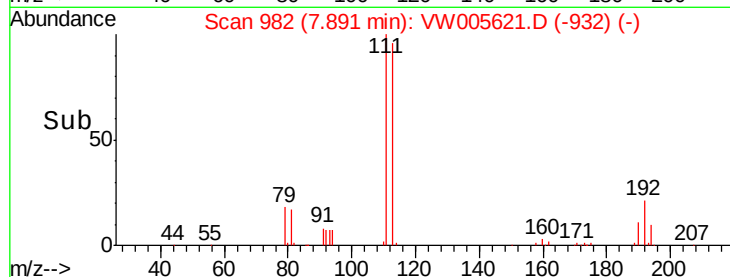
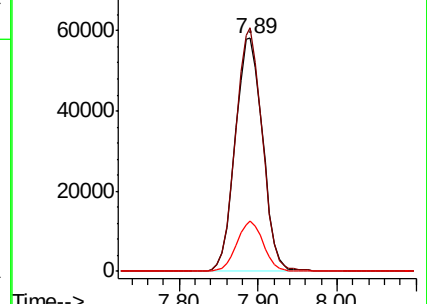
192 20.8 17.0 25.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 38.001 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005621.D

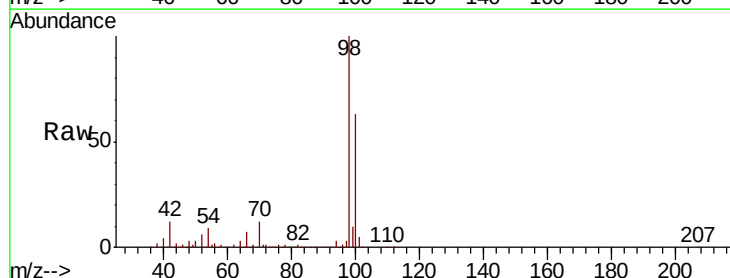
Acq: 25 Sep 2018 19:36

Tgt Ion: 98 Resp: 437124

Ion Ratio Lower Upper

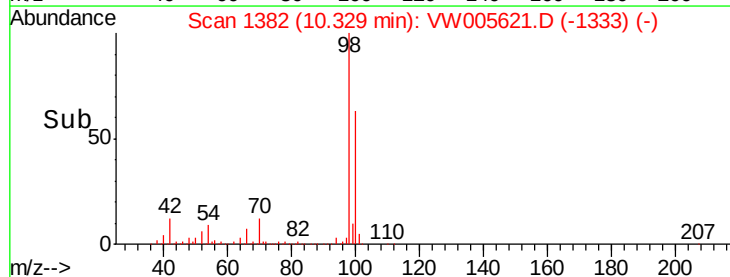
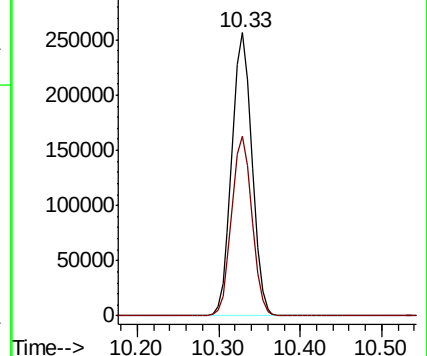
98 100

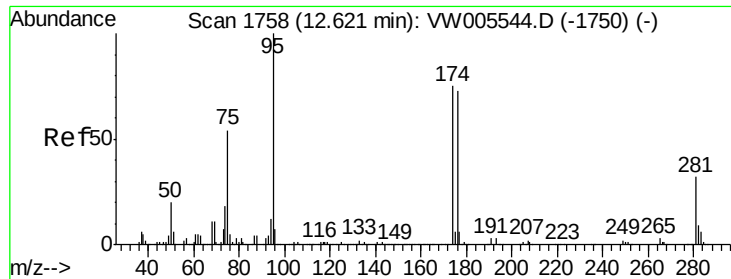
100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

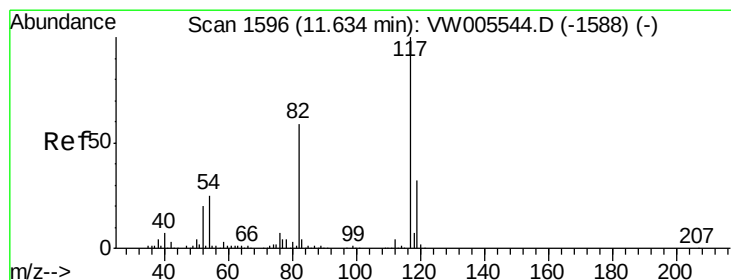
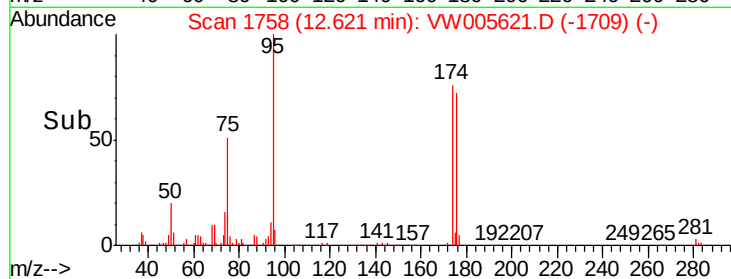
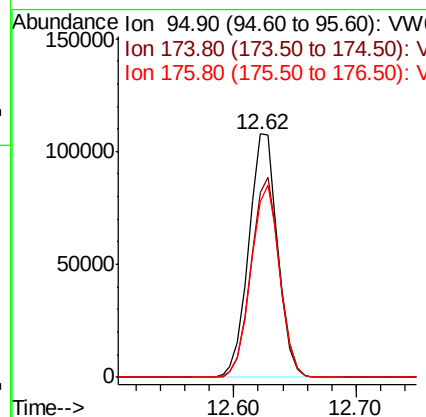
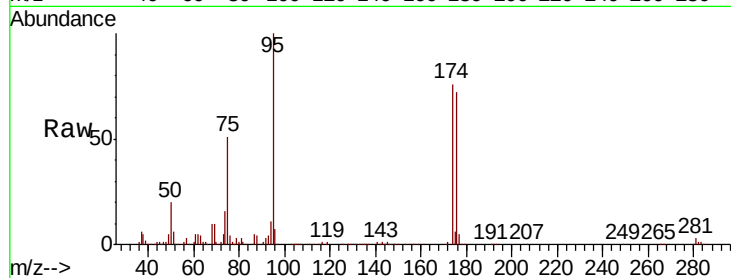




#62
4-Bromofluorobenzene
Concen: 41.501 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005621.D
Acq: 25 Sep 2018 19:36

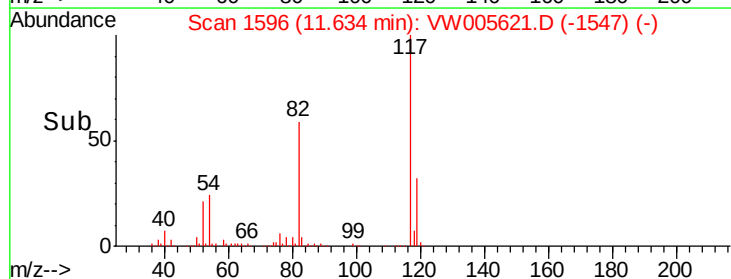
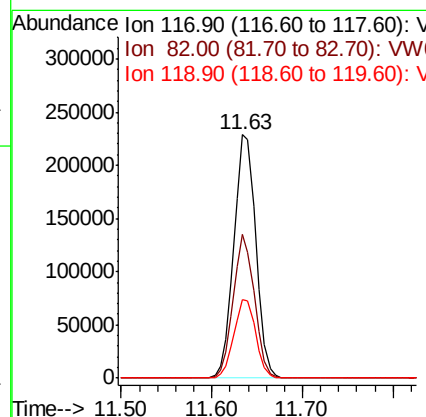
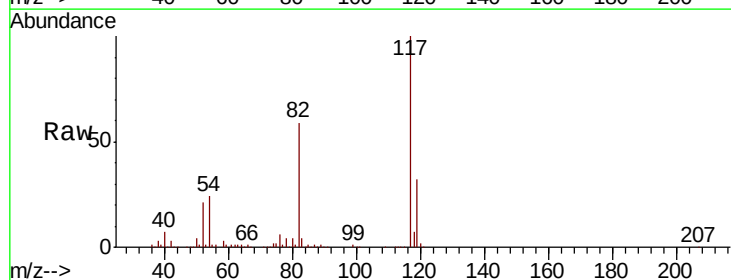
Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-H3

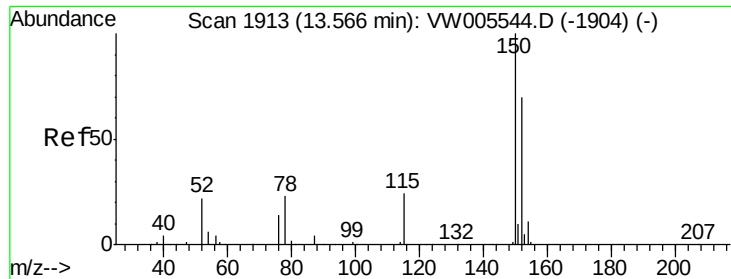
Tot Ion	Ratio	Lower	Upper
95	100		
174	81.3	0.0	163.8
176	78.5	0.0	158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005621.D
Acq: 25 Sep 2018 19:36

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.8	46.9	70.3
119	32.3	25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005621.D

Acq: 25 Sep 2018 19:36

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-H3

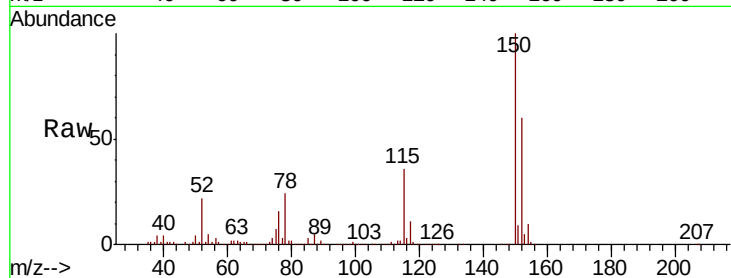
Tot Ion:152 Resp: 175781

Ion Ratio Lower Upper

152 100

115 59.5 30.0 90.0

150 158.4 0.0 348.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

