

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092618\
 Data File : VW005659.D
 Acq On : 26 Sep 2018 18:07
 Operator : VA/AP
 Sample : J5066-04
 Misc : 5.60G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3

Quant Time: Sep 27 07:03:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

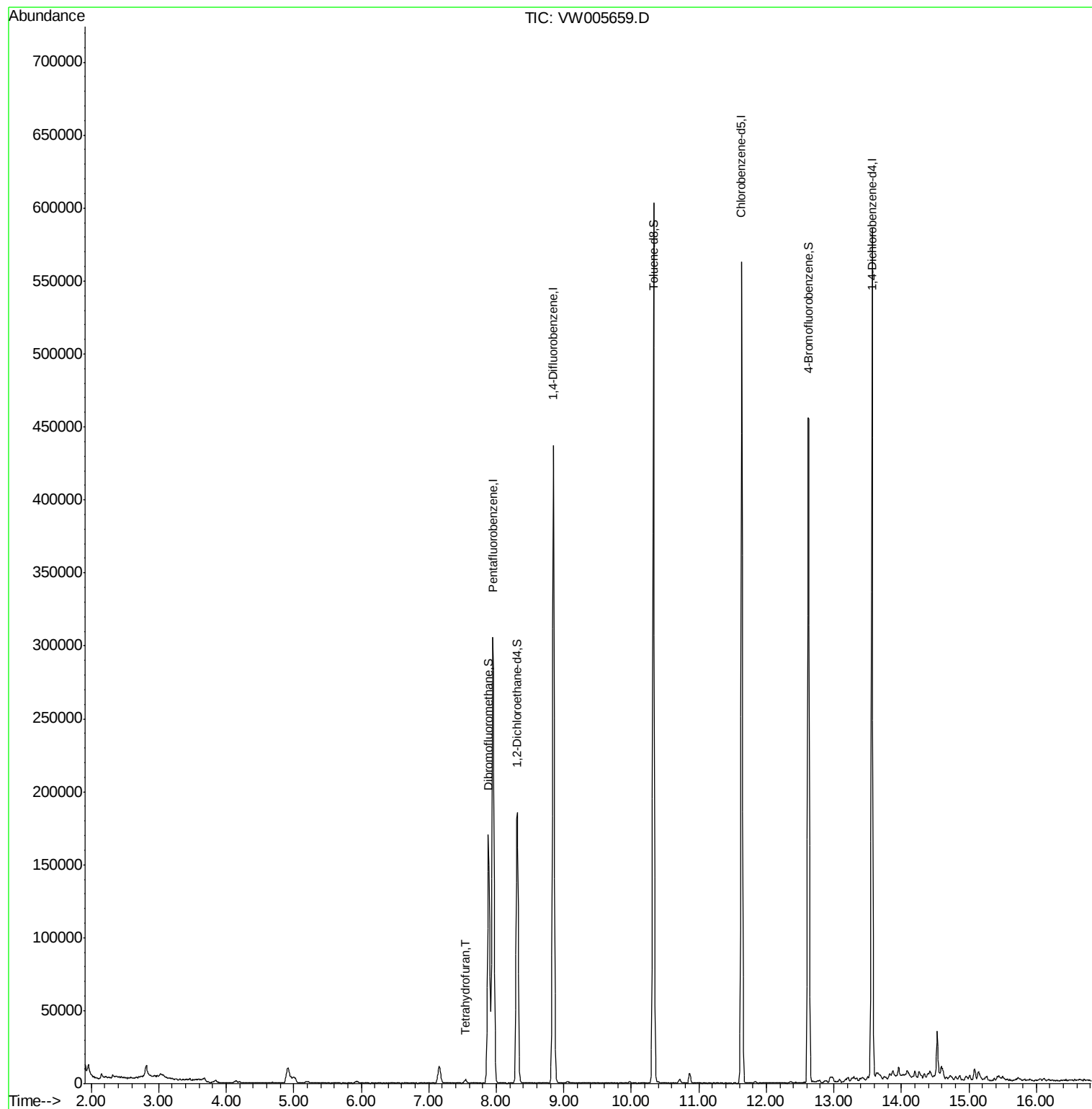
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	223427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	354840	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	308339	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	148534	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	156071	59.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.58%	
35) Dibromofluoromethane	7.89	113	121089	54.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.52%	
50) Toluene-d8	10.33	98	395595	43.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.08%	
62) 4-Bromofluorobenzene	12.62	95	147325	43.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.64%	
Target Compounds						
29) Tetrahydrofuran	7.54	42	1531	3.833	ug/l	Qvalue 98

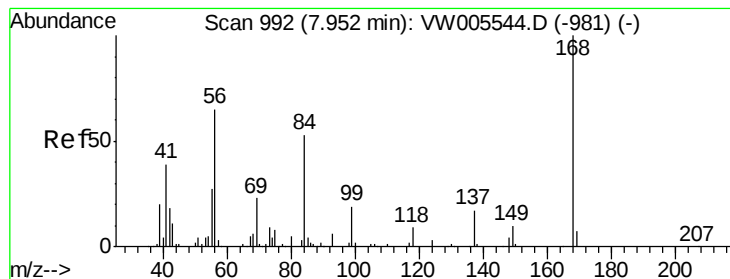
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092618\
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Quant Time: Sep 27 07:03:21 2018
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Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW005659.D

Acq: 26 Sep 2018 18:07

Instrument :

MSVOA_W

ClientSampled :

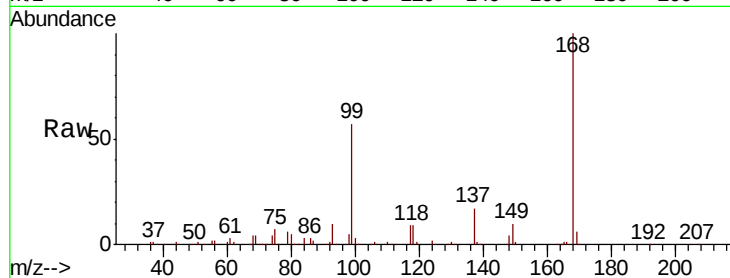
EP1-Q1-G3

Tot Ion:168 Resp: 223427

Ion Ratio Lower Upper

168 100

99 57.4 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

100000

80000

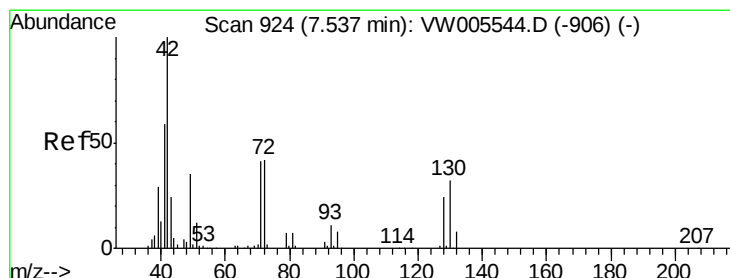
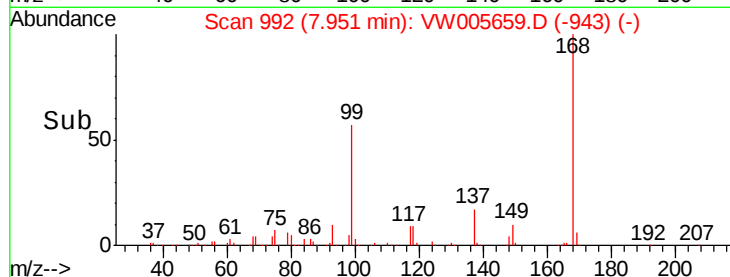
60000

40000

20000

0

Time-->



#29

Tetrahydrofuran

Concen: 3.833 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW005659.D

Acq: 26 Sep 2018 18:07

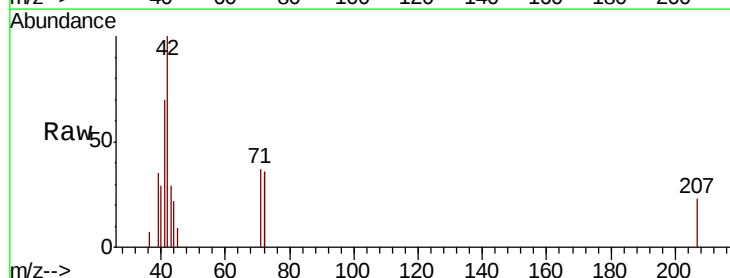
Tgt Ion: 42 Resp: 1531

Ion Ratio Lower Upper

42 100

72 44.2 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

7.54

800

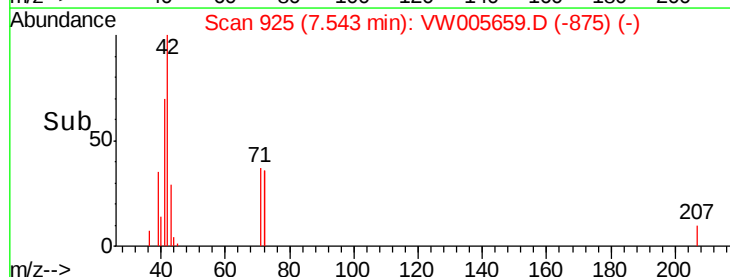
600

400

200

0

Time-->

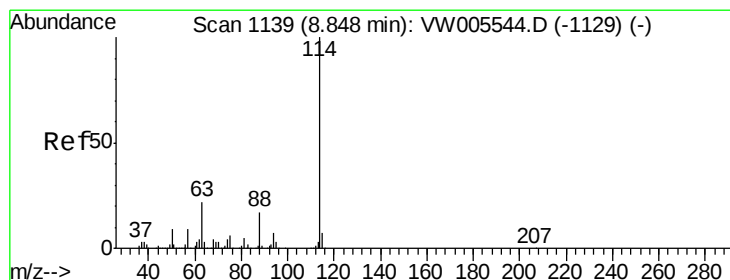
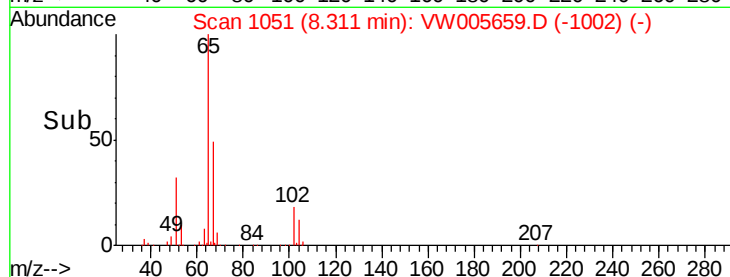
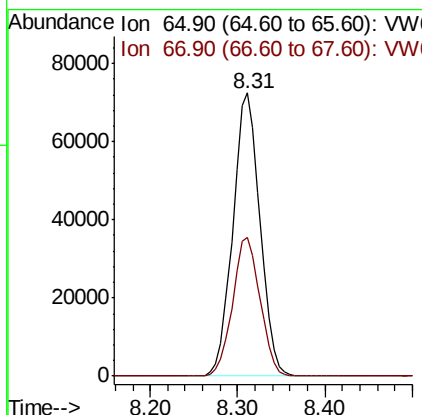
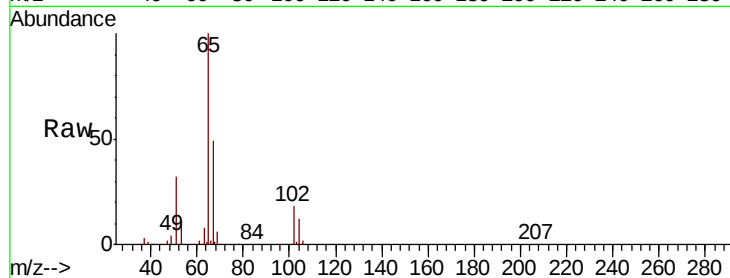




#33
 1,2-Dichloroethane-d4
 Concen: 59.295 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005659.D
 Acq: 26 Sep 2018 18:07

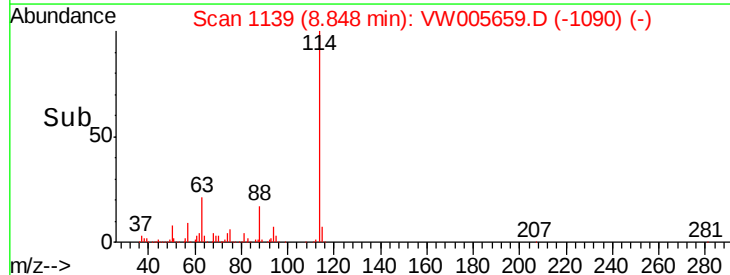
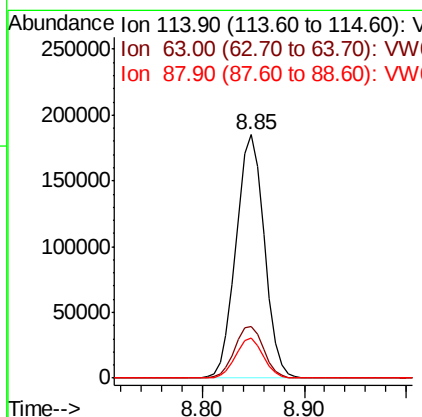
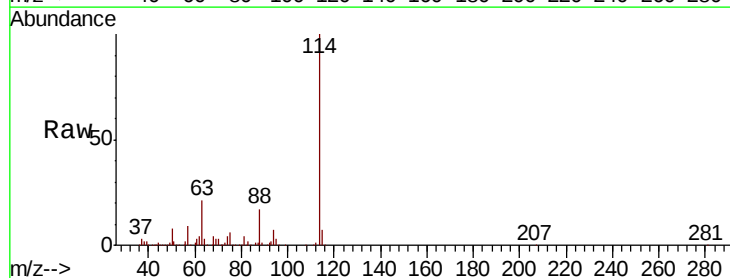
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-Q1-G3

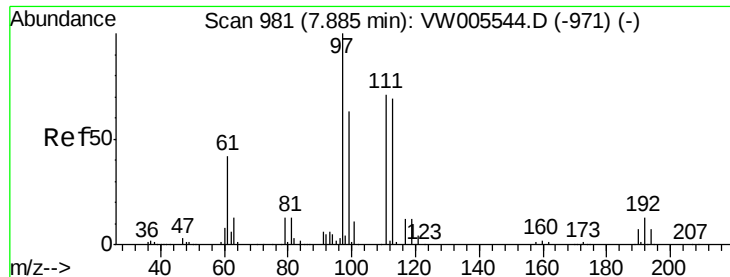
Tot Ion: 65 Resp: 156071
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005659.D
 Acq: 26 Sep 2018 18:07

Tgt Ion: 114 Resp: 354840
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.0
 88 16.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 54.265 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW005659.D

Acq: 26 Sep 2018 18:07

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3

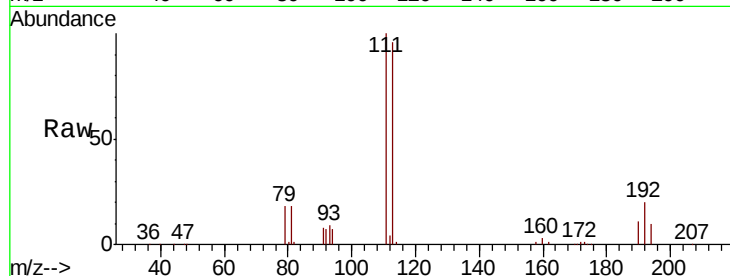
Tot Ion:113 Resp: 121089

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

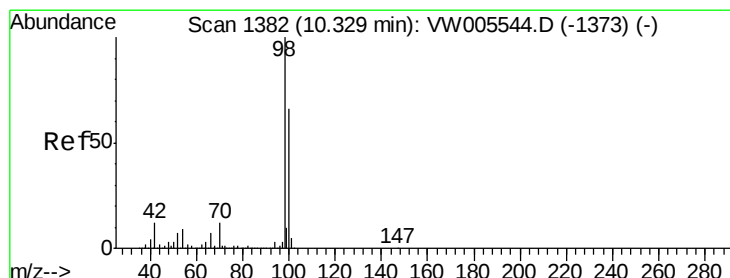
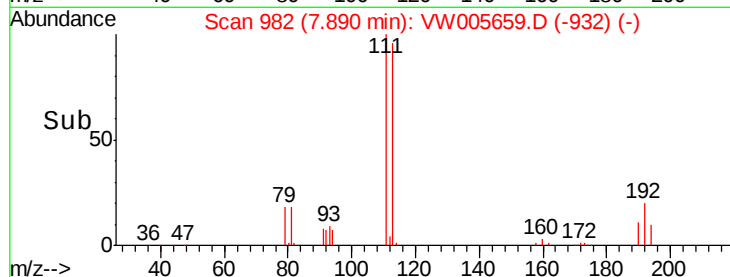
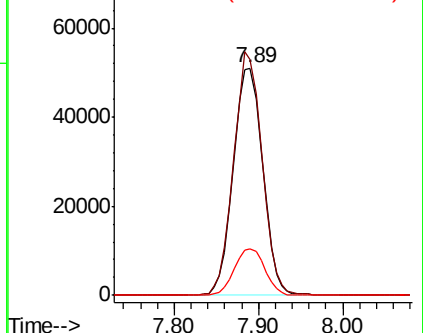
192 21.2 17.0 25.4



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: 43.539 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005659.D

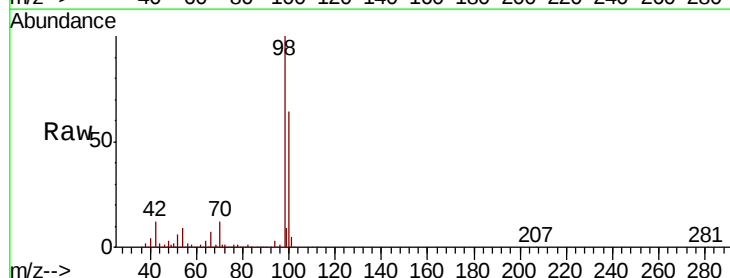
Acq: 26 Sep 2018 18:07

Tgt Ion: 98 Resp: 395595

Ion Ratio Lower Upper

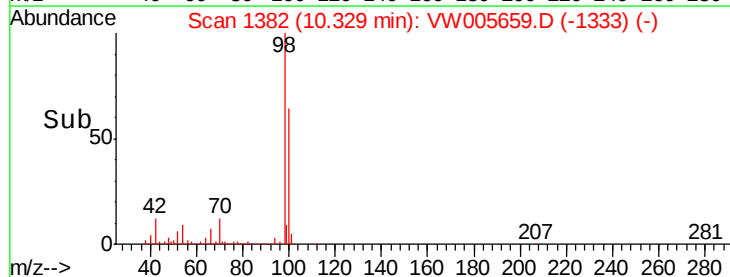
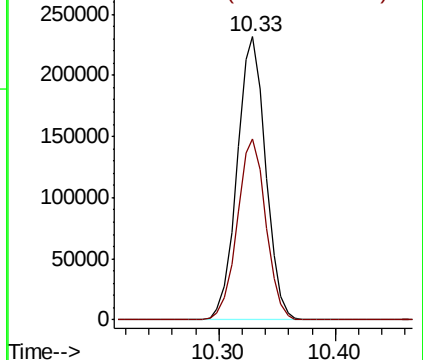
98 100

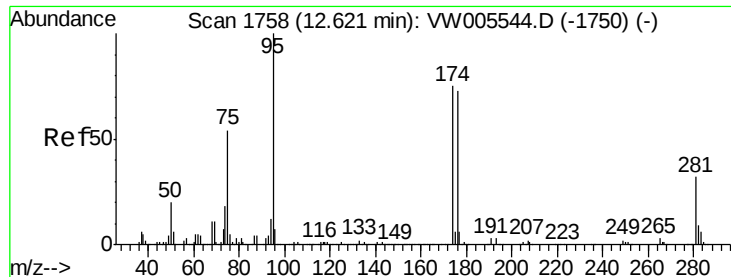
100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

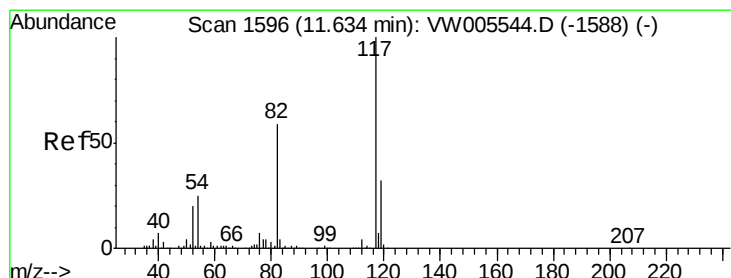
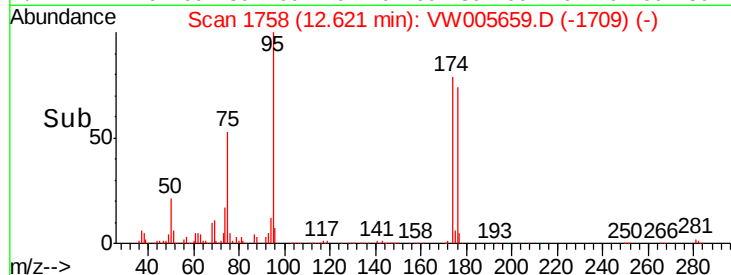
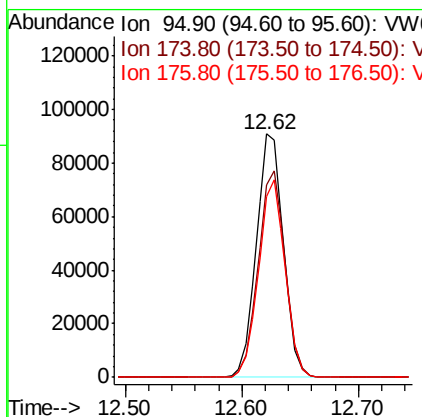
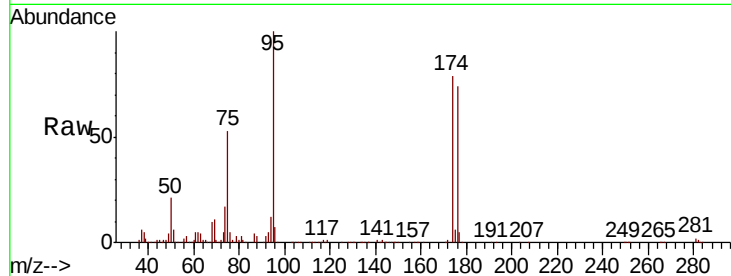




#62
4-Bromofluorobenzene
Concen: 43.820 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005659.D
Acq: 26 Sep 2018 18:07

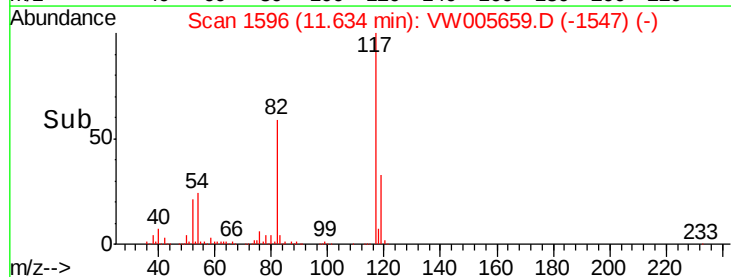
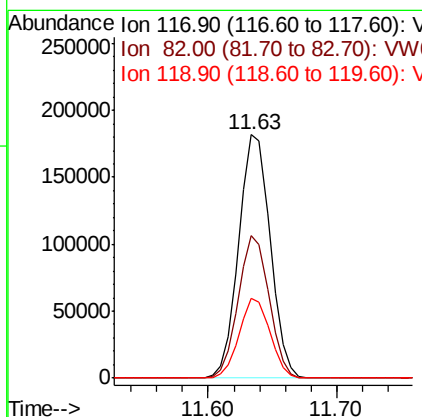
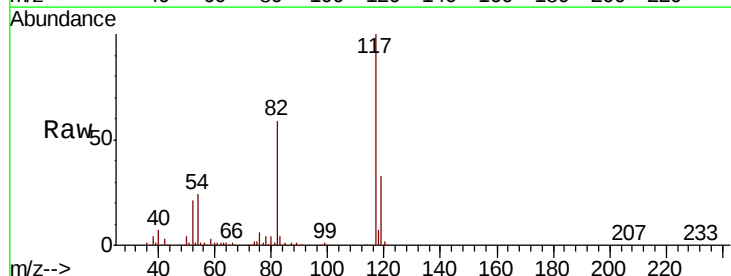
Instrument :
MSVOA_W
ClientSampleId :
EP1-Q1-G3

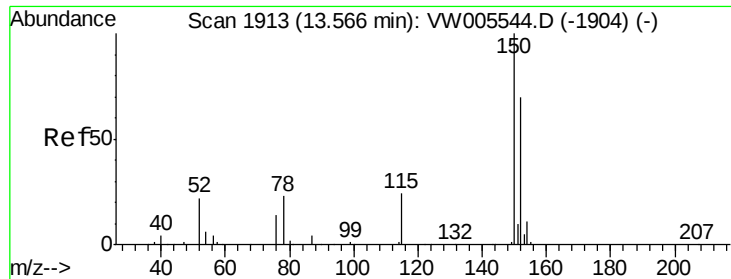
Tot Ion: 95 Resp: 147325
Ion Ratio Lower Upper
95 100
174 84.6 0.0 163.8
176 79.7 0.0 158.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005659.D
Acq: 26 Sep 2018 18:07

Tgt Ion: 117 Resp: 308339
Ion Ratio Lower Upper
117 100
82 58.8 46.9 70.3
119 32.7 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: VW005659.D

Acq: 26 Sep 2018 18:07

Instrument :

MSVOA_W

ClientSampleId :

EP1-Q1-G3

Tot Ion:152 Resp: 148534

Ion Ratio Lower Upper

152 100

115 58.8 30.0 90.0

150 155.0 0.0 348.6

