

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101018\
 Data File : VW005961.D
 Acq On : 10 Oct 2018 01:49
 Operator : SY/AP
 Sample : J5326-01
 Misc : 9.25G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FL-PIT-1

Quant Time: Oct 10 03:02:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

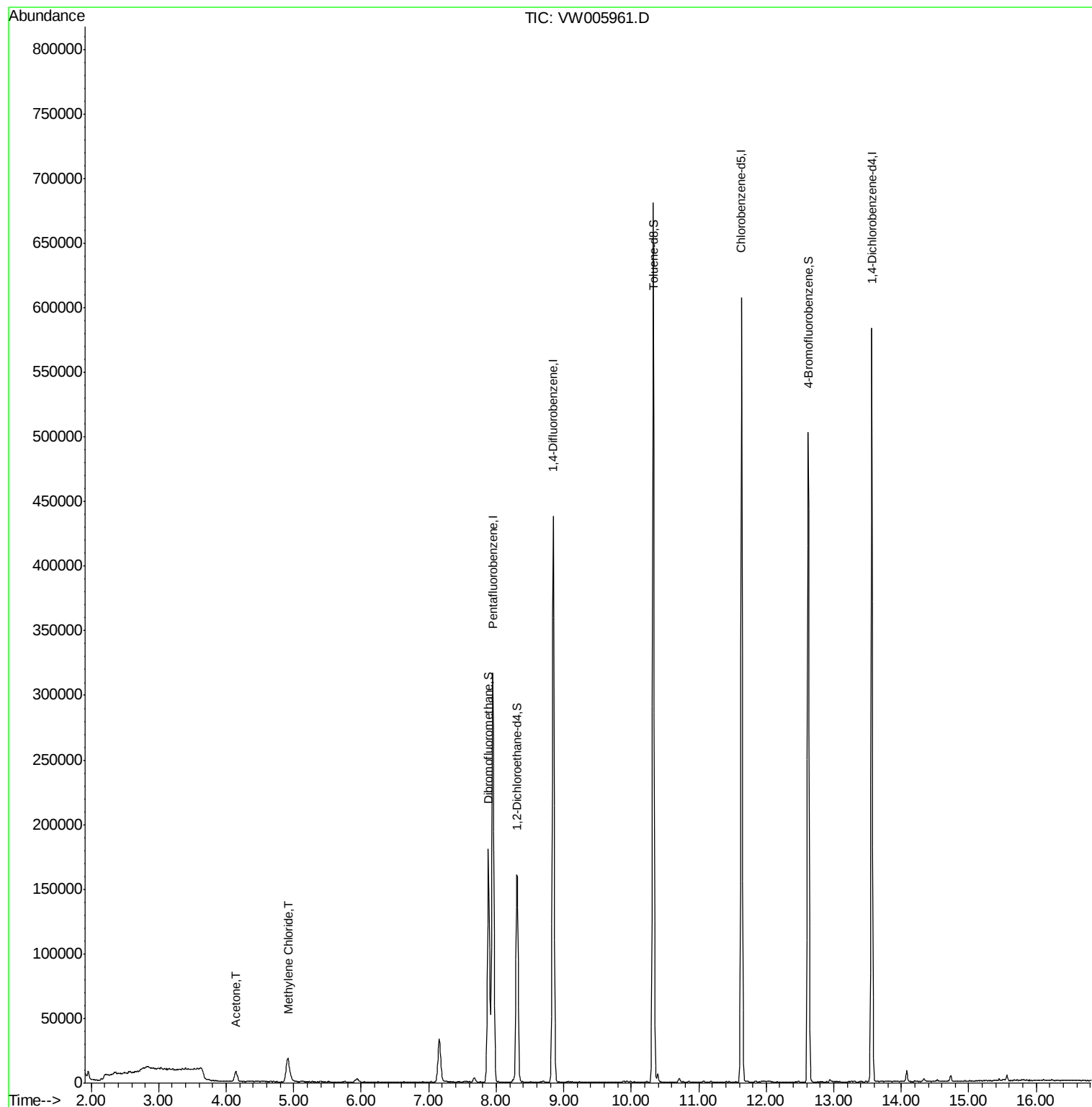
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	254361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	390021	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	341859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	155379	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	127710	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
35) Dibromofluoromethane	7.88	113	125281	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
50) Toluene-d8	10.33	98	465501	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	12.62	95	151030	41.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.86%	
Target Compounds						
16) Acetone	4.15	43	14706	29.816	ug/l	99
20) Methylene Chloride	4.92	84	17213	6.966	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. 0.00 min

Lab File: VW005961.D

Acq: 10 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

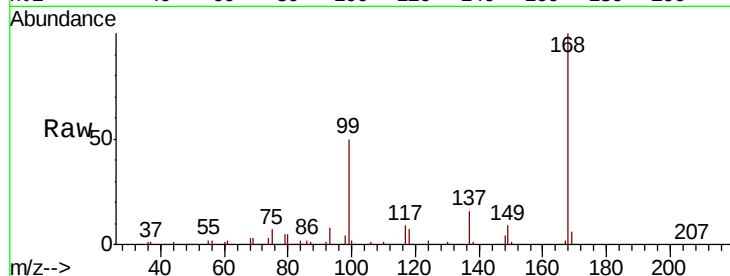
FL-PIT-1

Tot Ion:168 Resp: 254361

Ion Ratio Lower Upper

168 100

99 49.6 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

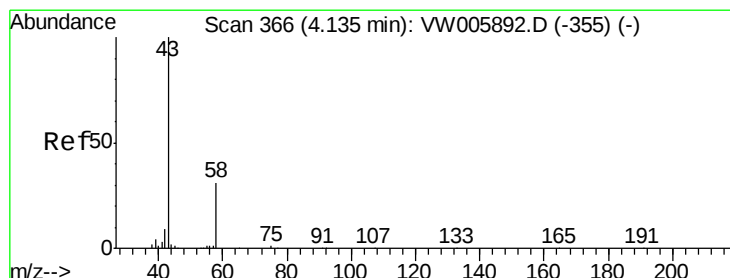
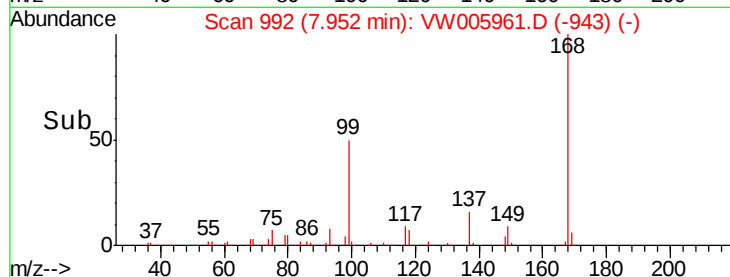
7.95

100000

50000

0

Time-->



#16

Acetone

Concen: 29.816 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW005961.D

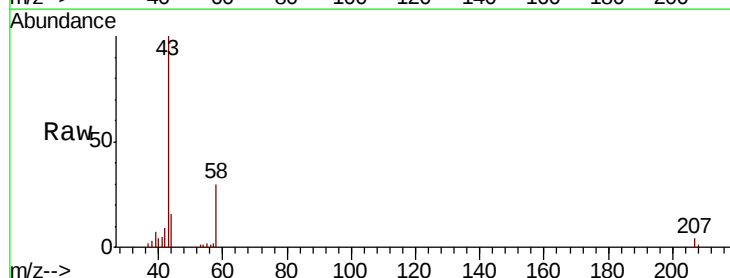
Acq: 10 Oct 2018 01:49

Tgt Ion: 43 Resp: 14706

Ion Ratio Lower Upper

43 100

58 30.1 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

5000

4000

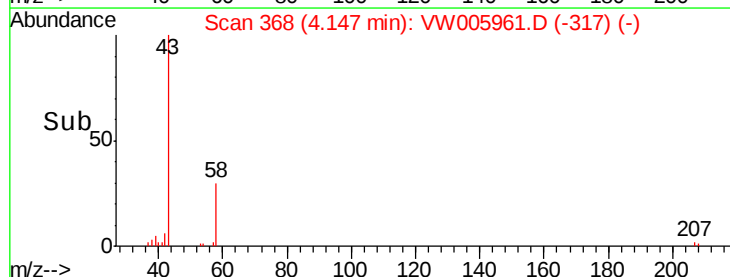
3000

2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 6.966 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW005961.D

Acq: 10 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampled :

FL-PIT-1

Tot Ion: 84 Resp: 17213

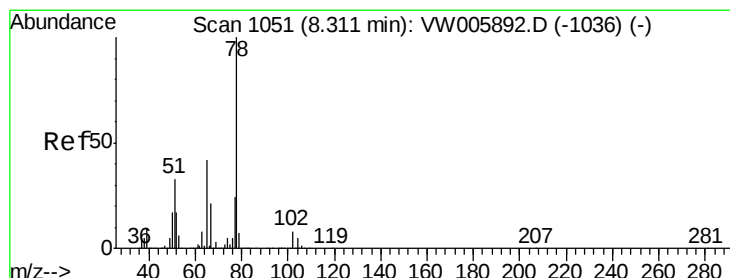
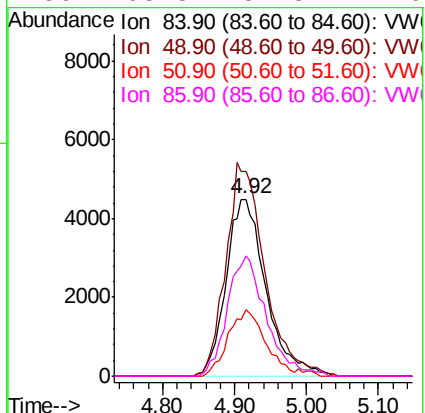
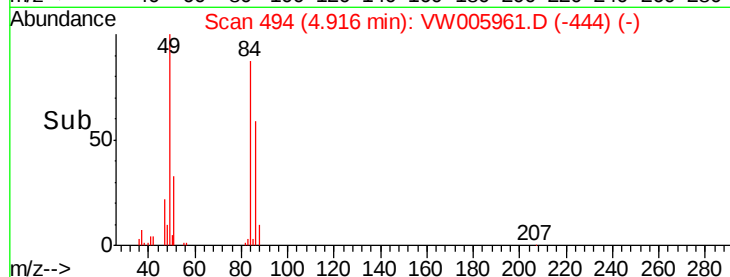
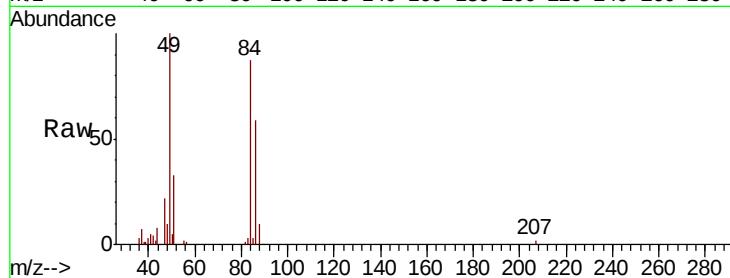
Ion Ratio Lower Upper

84 100

49 115.5 99.9 149.9

51 37.9 31.1 46.7

86 68.3 51.8 77.6



#33

1,2-Dichloroethane-d4

Concen: 51.720 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW005961.D

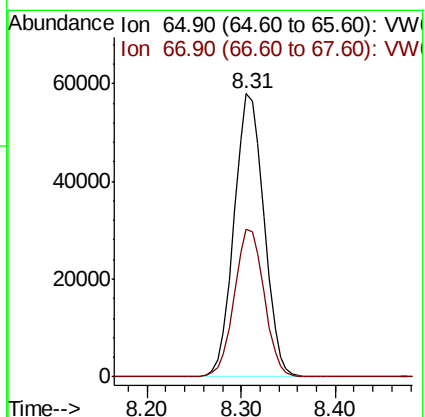
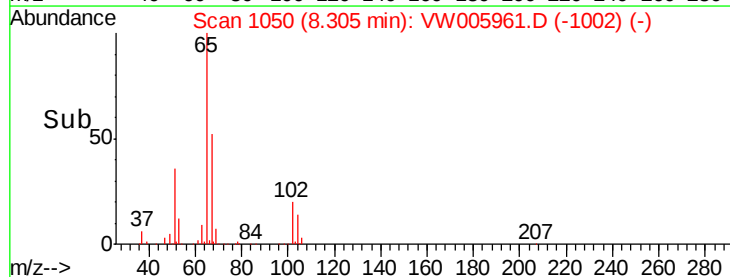
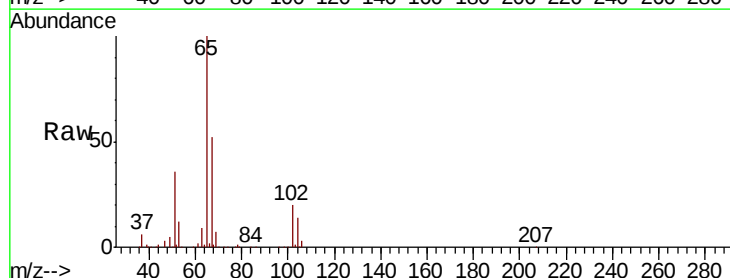
Acq: 10 Oct 2018 01:49

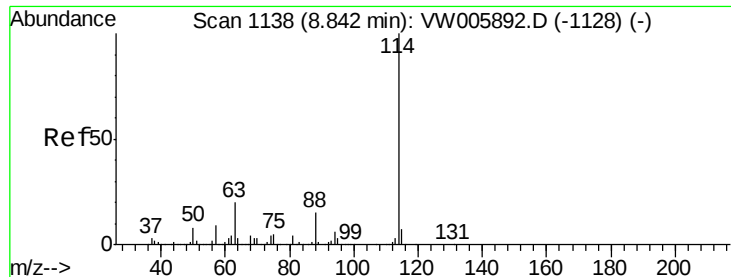
Tgt Ion: 65 Resp: 127710

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW005961.D

Acq: 10 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampled :

FL-PIT-1

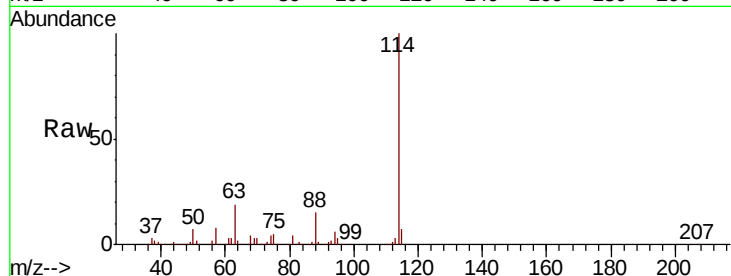
Tot Ion:114 Resp: 390021

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.2

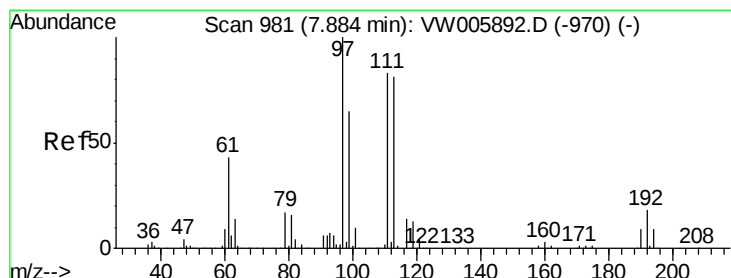
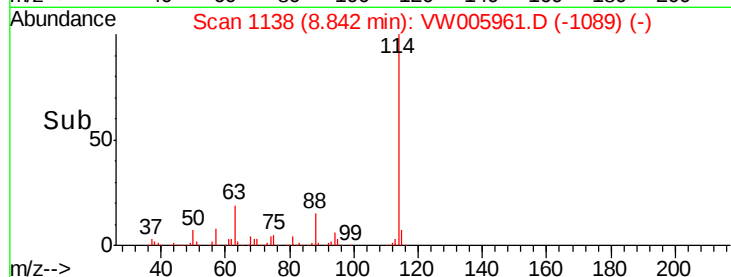
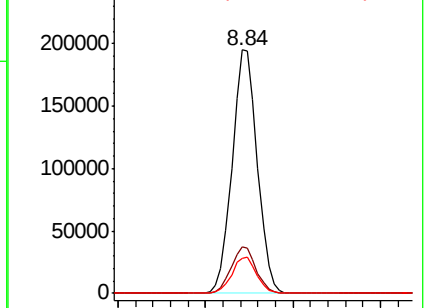
88 14.6 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 50.311 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW005961.D

Acq: 10 Oct 2018 01:49

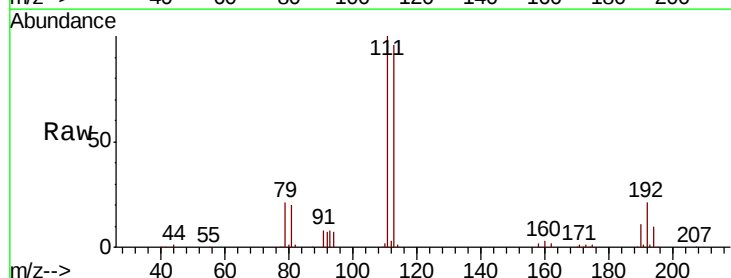
Tgt Ion:113 Resp: 125281

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

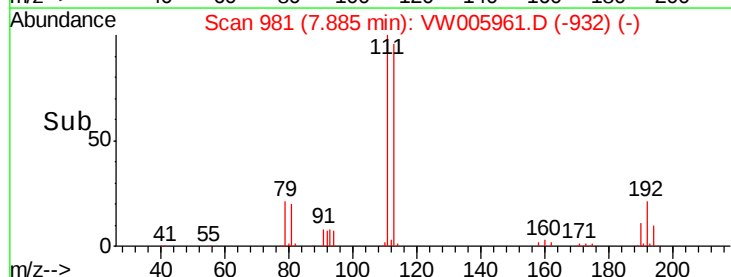
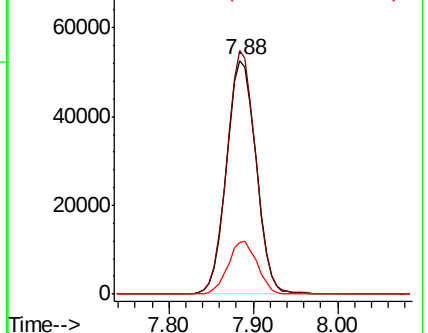
192 22.2 18.3 27.5

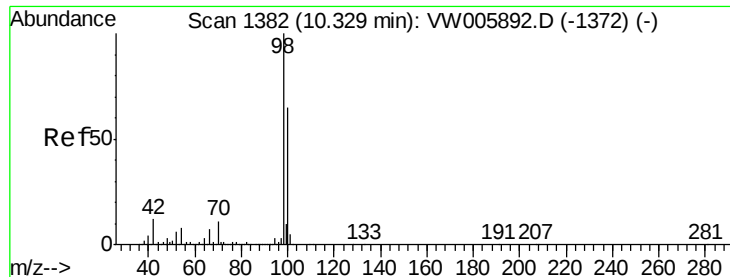


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.588 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005961.D

Acq: 10 Oct 2018 01:49

Instrument :

MSVOA_W

ClientSampleId :

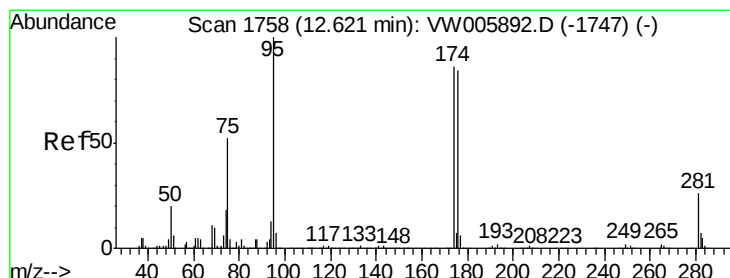
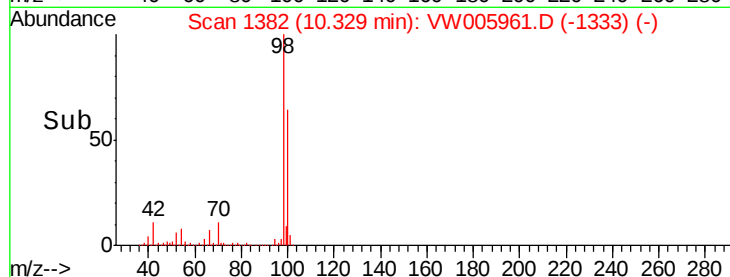
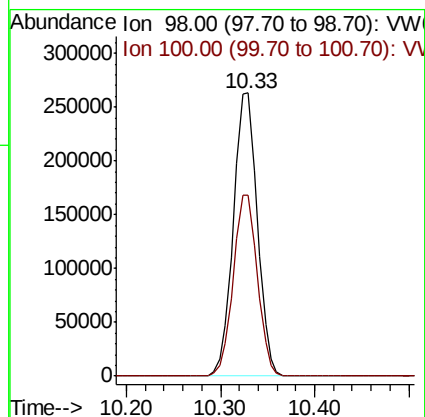
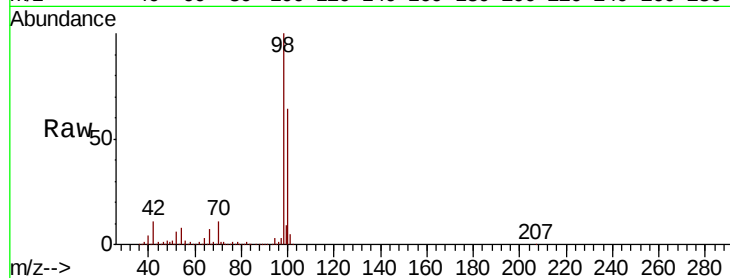
FL-PIT-1

Tot Ion: 98 Resp: 465501

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 41.434 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW005961.D

Acq: 10 Oct 2018 01:49

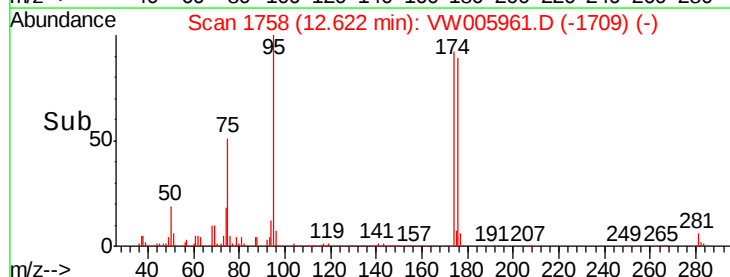
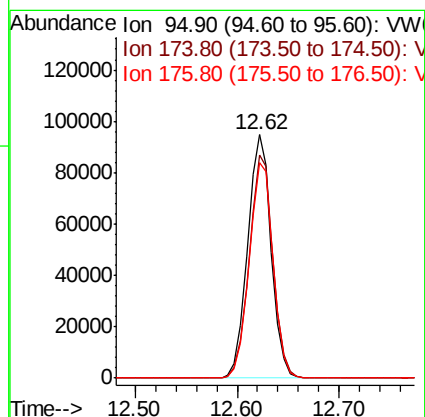
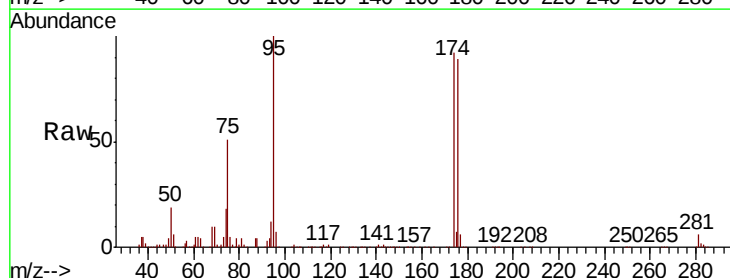
Tgt Ion: 95 Resp: 151030

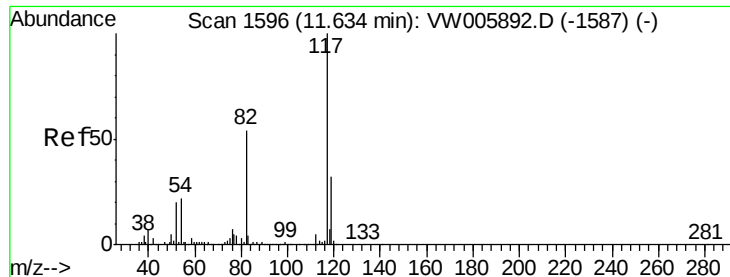
Ion Ratio Lower Upper

95 100

174 92.8 0.0 176.4

176 90.2 0.0 173.0

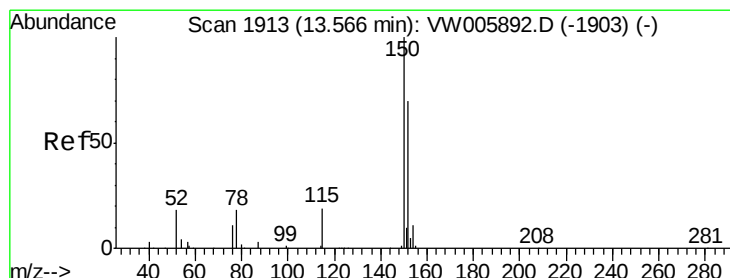
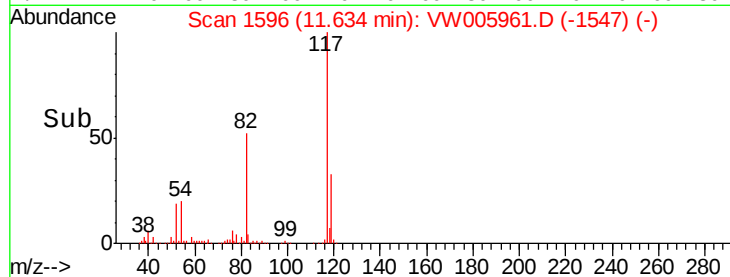
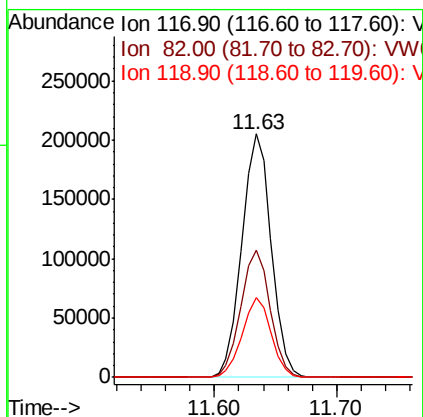
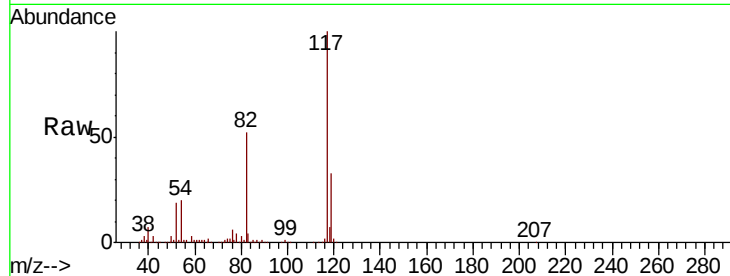




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005961.D
Acq: 10 Oct 2018 01:49

Instrument :
MSVOA_W
ClientSampled :
FL-PIT-1

Tot Ion:117 Resp: 341859
Ion Ratio Lower Upper
117 100
82 52.0 43.5 65.3
119 32.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW005961.D
Acq: 10 Oct 2018 01:49

Tgt Ion:152 Resp: 155379
Ion Ratio Lower Upper
152 100
115 55.9 28.3 85.0
150 158.4 0.0 349.2

