

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101018\
 Data File : VW005964.D
 Acq On : 10 Oct 2018 03:06
 Operator : SY/AP
 Sample : J5326-13
 Misc : 6.28G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FL-PIT-4

Quant Time: Oct 10 05:49:04 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

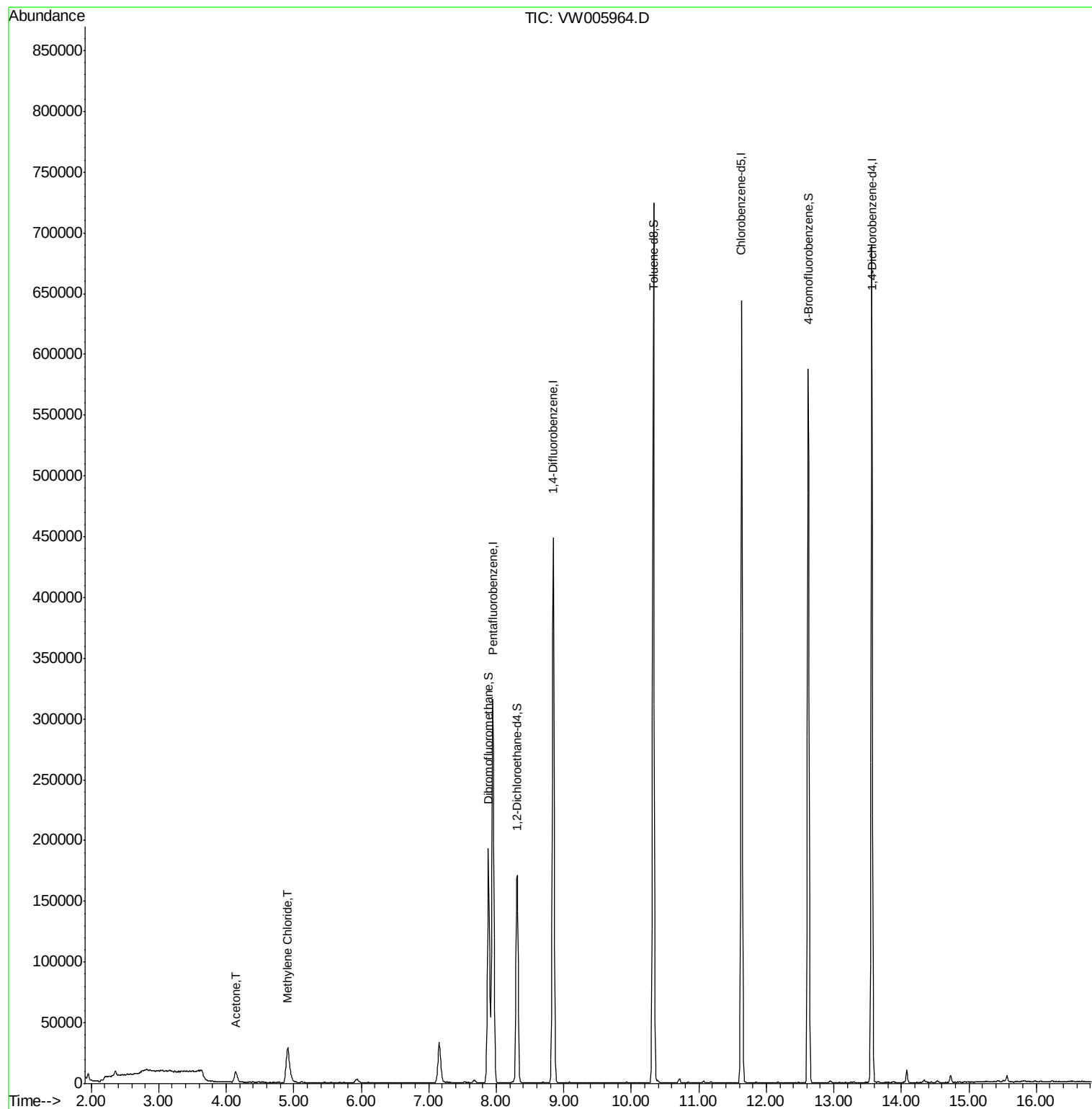
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	256746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	400549	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	366323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	187166	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	134910	54.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.26%	
35) Dibromofluoromethane	7.88	113	132773	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.84%	
50) Toluene-d8	10.33	98	492839	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.62	95	174229	46.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.08%	
Target Compounds						
16) Acetone	4.14	43	17053	34.254	ug/l	99
20) Methylene Chloride	4.92	84	26139	10.480	ug/l	93

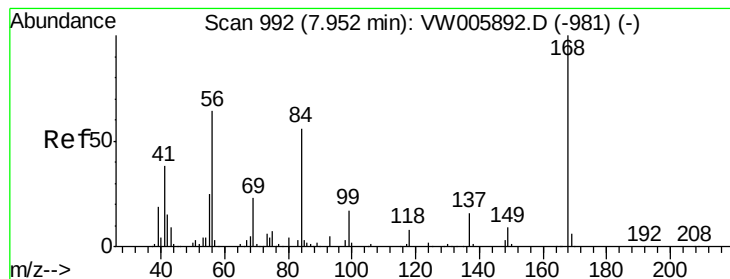
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW005964.D

Acq: 10 Oct 2018 03:06

Instrument :

MSVOA_W

ClientSampleId :

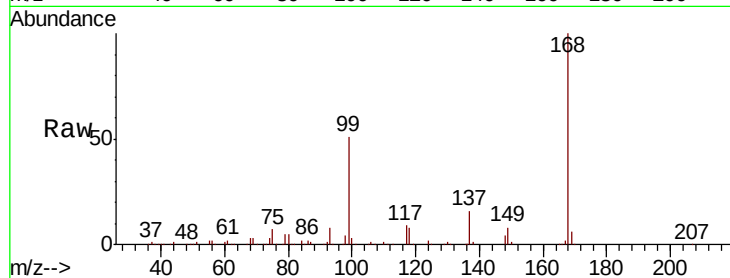
FL-PIT-4

Tot Ion:168 Resp: 256746

Ion Ratio Lower Upper

168 100

99 50.5 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

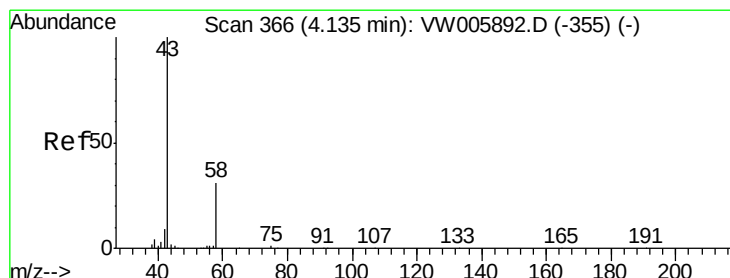
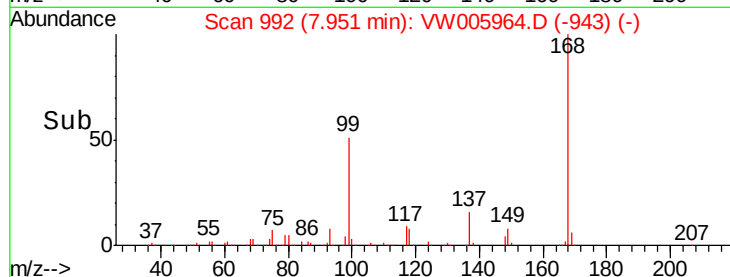
100000

50000

0

Time-->

7.90 8.00 8.10



#16

Acetone

Concen: 34.254 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW005964.D

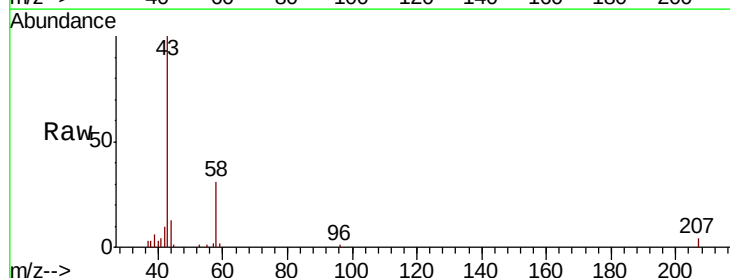
Acq: 10 Oct 2018 03:06

Tgt Ion: 43 Resp: 17053

Ion Ratio Lower Upper

43 100

58 31.2 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

6000

5000

4000

3000

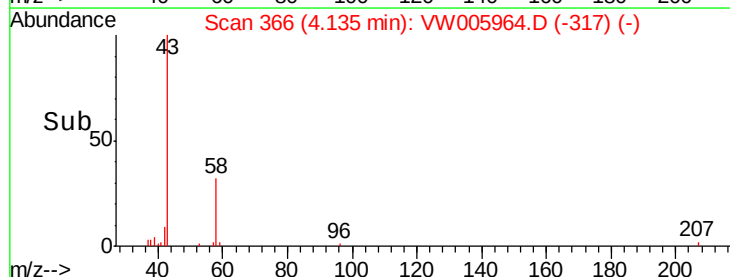
2000

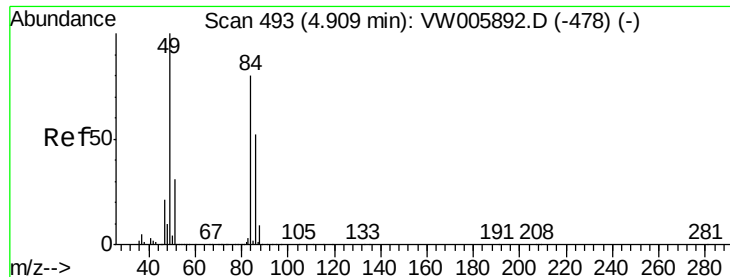
1000

0

Time-->

4.00 4.10 4.20 4.30

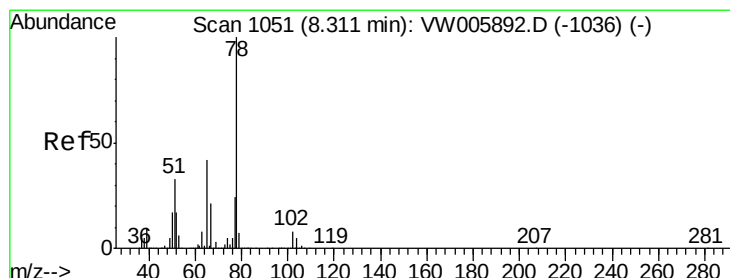
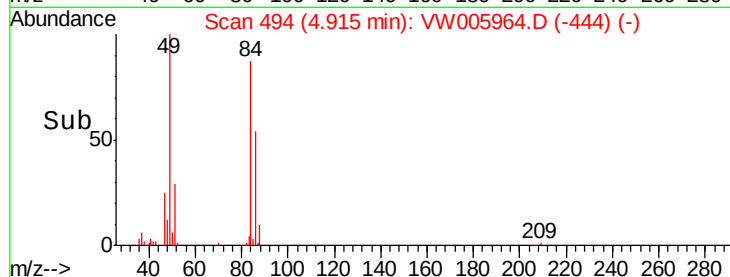
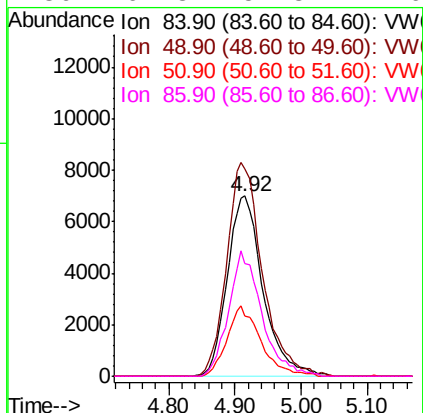
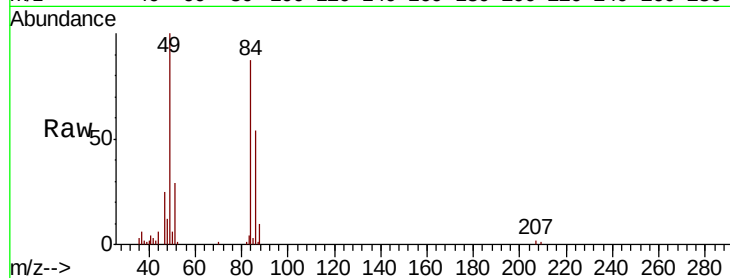




#20
Methylene Chloride
Concen: 10.480 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005964.D
Acq: 10 Oct 2018 03:06

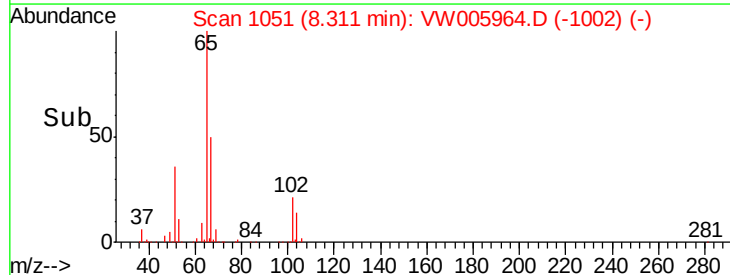
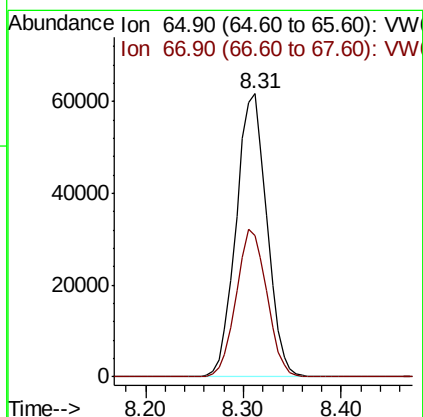
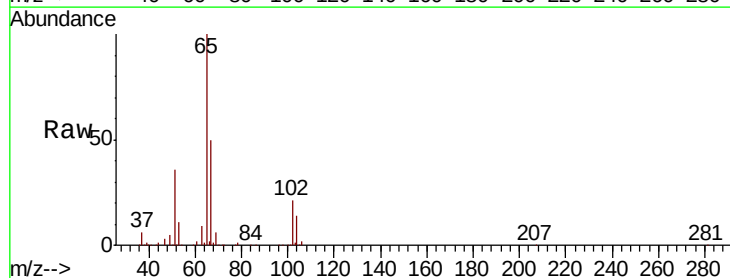
Instrument :
MSVOA_W
ClientSampled :
FL-PIT-4

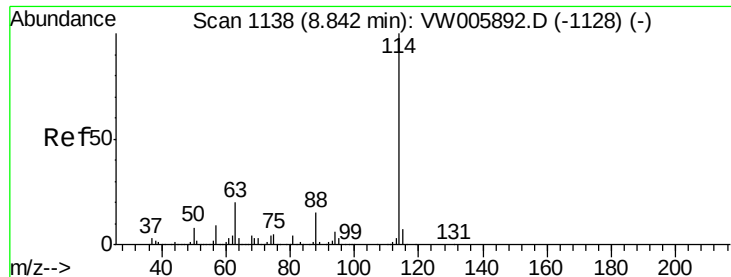
Tot Ion:	84	Resp:	26139
Ion	Ratio	Lower	Upper
84	100		
49	115.2	99.9	149.9
51	33.5	31.1	46.7
86	62.3	51.8	77.6



#33
1,2-Dichloroethane-d4
Concen: 54.128 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005964.D
Acq: 10 Oct 2018 03:06

Tgt Ion:	65	Resp:	134910
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	104.6

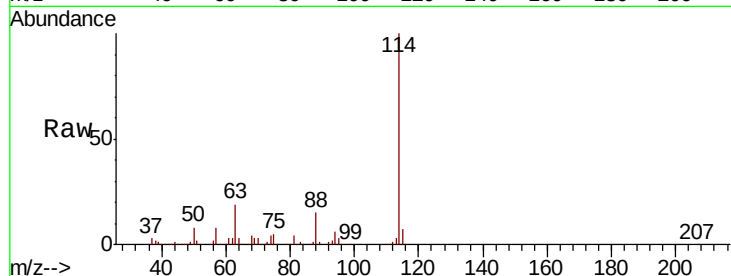




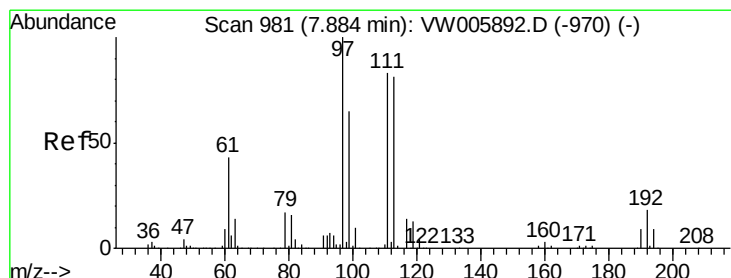
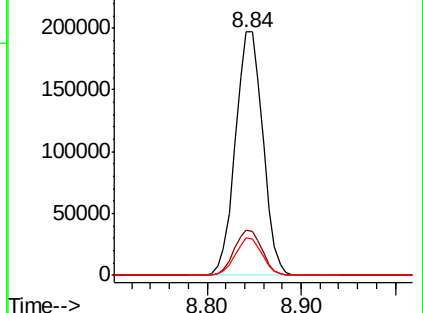
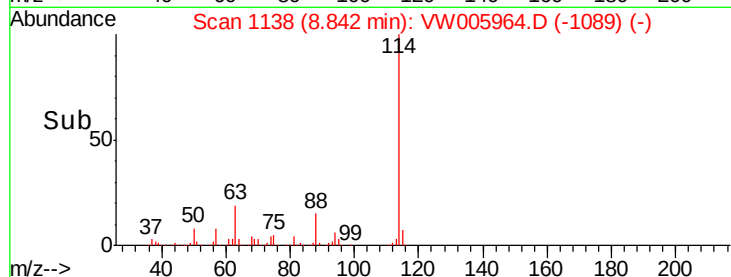
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW005964.D
 Acq: 10 Oct 2018 03:06

Instrument :
 MSVOA_W
 ClientSampled :
 FL-PIT-4

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	39.2
88	15.3	0.0	30.8

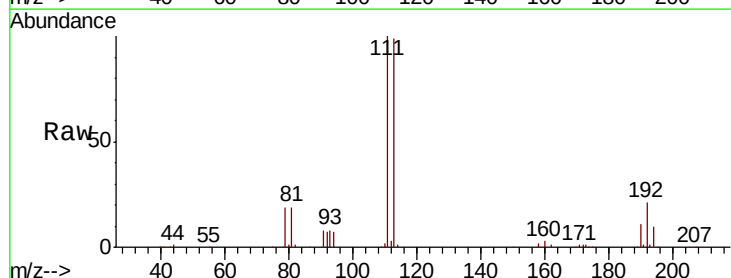


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

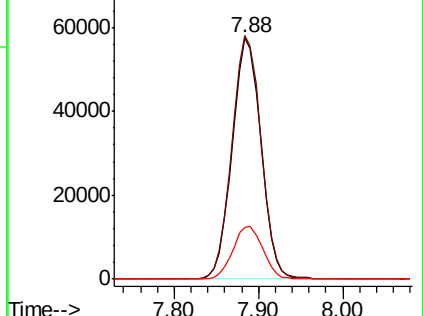
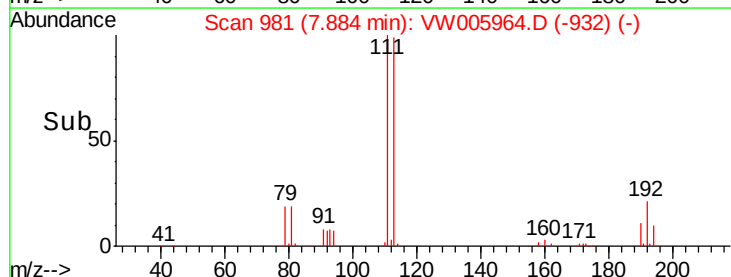


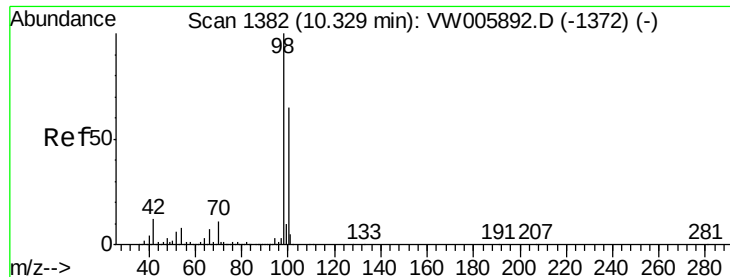
#35
 Dibromofluoromethane
 Concen: 51.919 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005964.D
 Acq: 10 Oct 2018 03:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	22.7	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: 50.090 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005964.D

Acq: 10 Oct 2018 03:06

Instrument :

MSVOA_W

ClientSampleId :

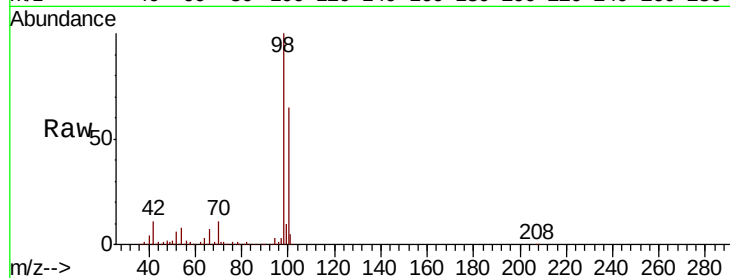
FL-PIT-4

Tot Ion: 98 Resp: 492839

Ion Ratio Lower Upper

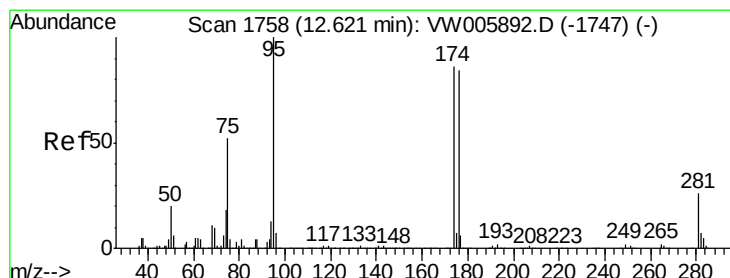
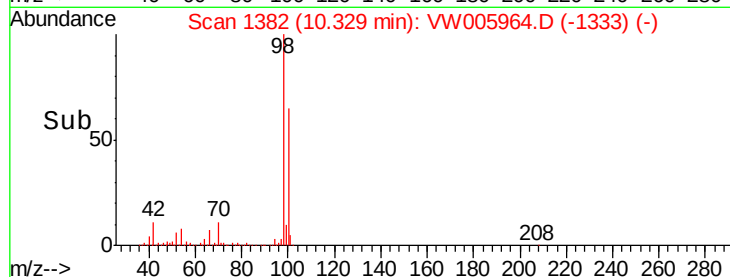
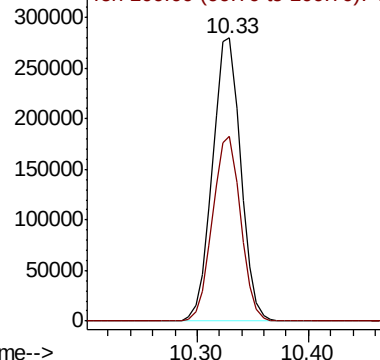
98 100

100 65.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 46.543 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW005964.D

Acq: 10 Oct 2018 03:06

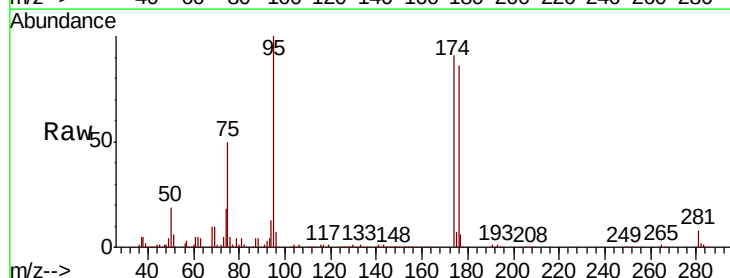
Tgt Ion: 95 Resp: 174229

Ion Ratio Lower Upper

95 100

174 93.1 0.0 176.4

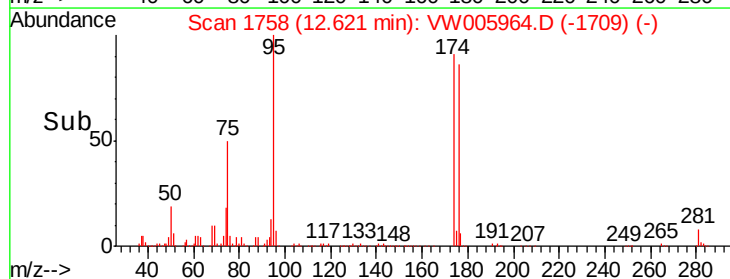
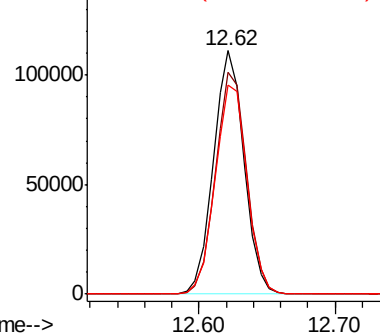
176 90.0 0.0 173.0

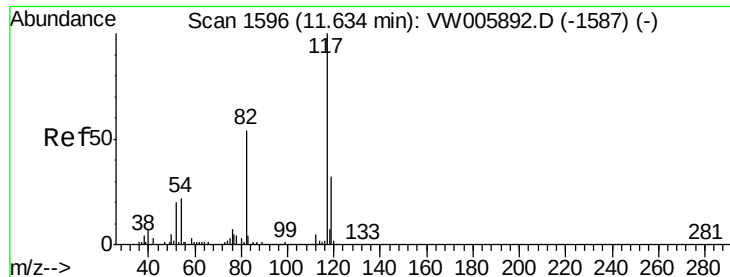


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

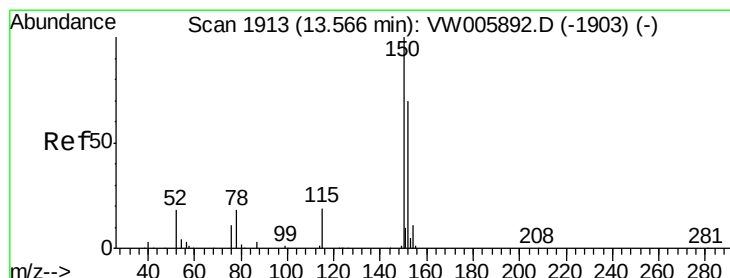
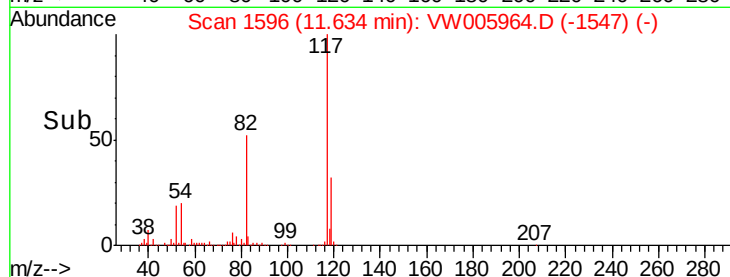
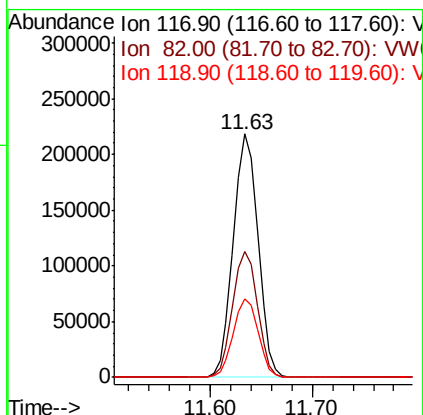
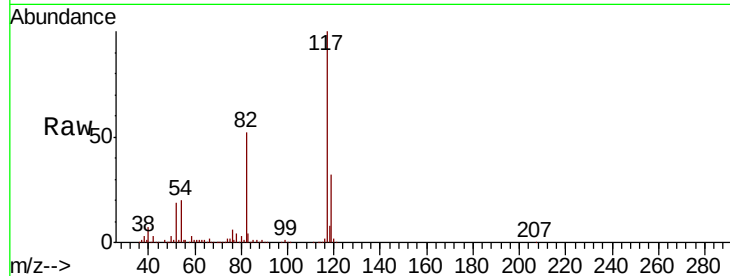




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005964.D
Acq: 10 Oct 2018 03:06

Instrument :
MSVOA_W
ClientSampled :
FL-PIT-4

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	43.5	65.3
119	32.3	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: VW005964.D
Acq: 10 Oct 2018 03:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	28.3	85.0
150	155.7	0.0	349.2

