

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041719\
 Data File : VW010036.D
 Acq On : 18 Apr 2019 03:36
 Operator : SY/VA
 Sample : K2437-02
 Misc : 4.19G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-PS-01-046

Quant Time: Apr 18 04:44:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 02:23:40 2019
 Response via : Initial Calibration

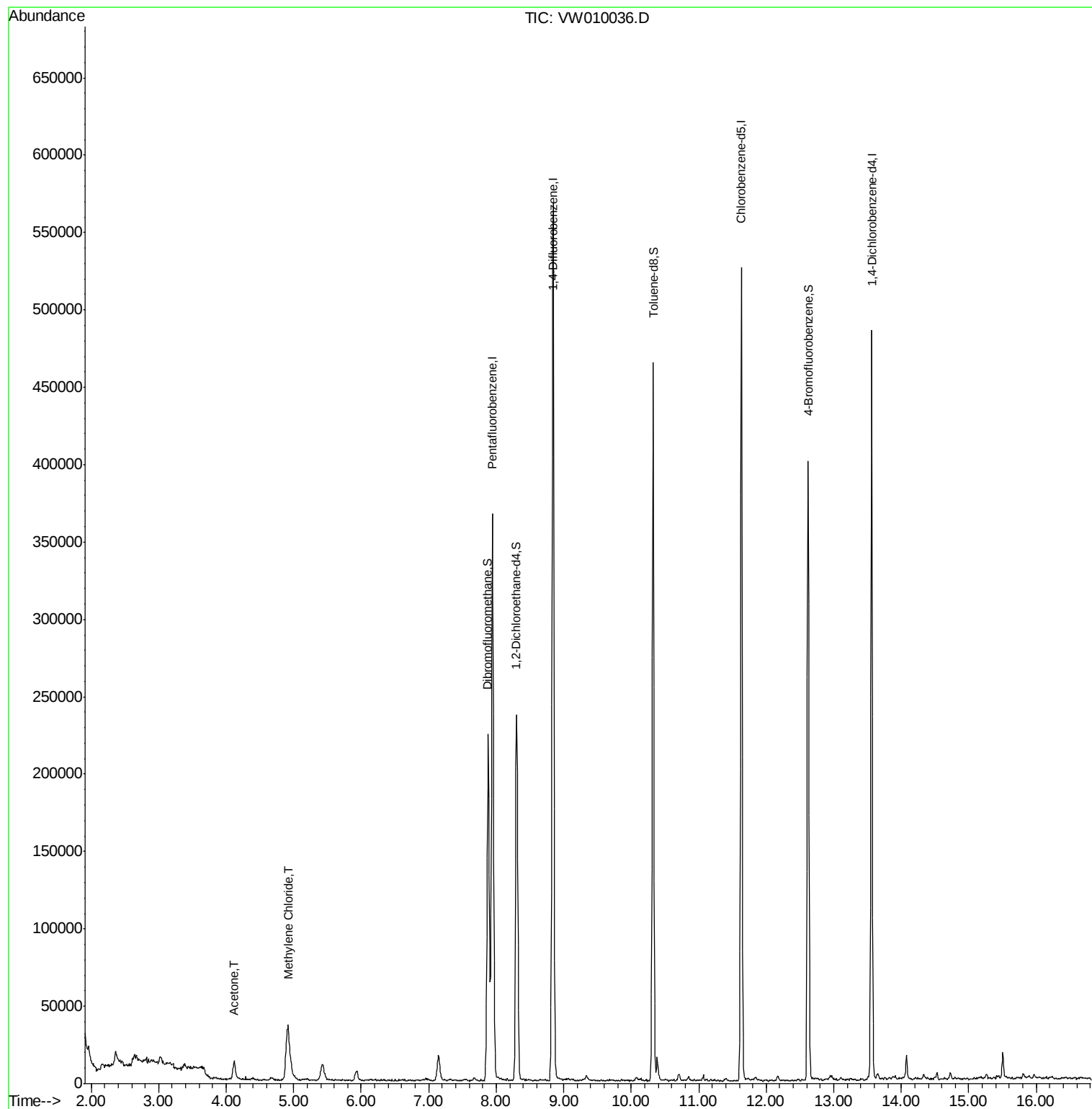
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	245833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	437646	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	272398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	114079	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	191796	63.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.44%	
35) Dibromofluoromethane	7.88	113	153736	55.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.50%	
50) Toluene-d8	10.32	98	287990	27.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.24%	
62) 4-Bromofluorobenzene	12.62	95	123719	32.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.28%	
Target Compounds						
16) Acetone	4.12	43	21389	30.387	ug/l	92
20) Methylene Chloride	4.91	84	32141	8.140	ug/l	92

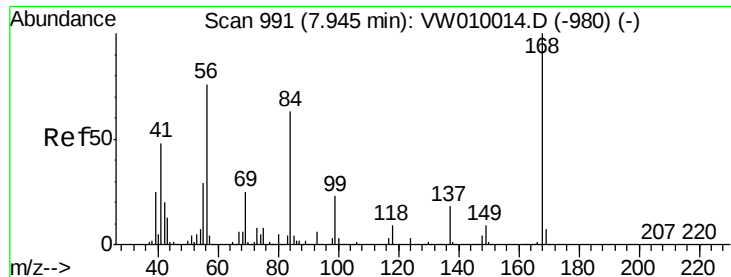
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010036.D

Acq: 18 Apr 2019 03:36

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MSVOA_W

ClientSampleId :

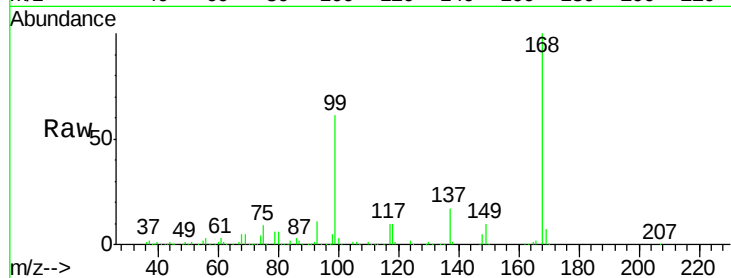
FK-PS-01-046

Tot Ion:168 Resp: 245833

Ion Ratio Lower Upper

168 100

99 61.3 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

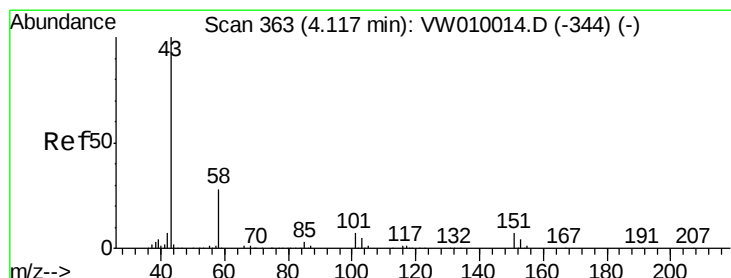
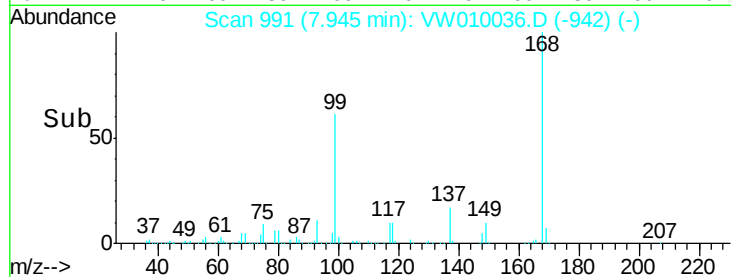
7.95

100000

50000

0

Time-->



#16

Acetone

Concen: 30.387 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW010036.D

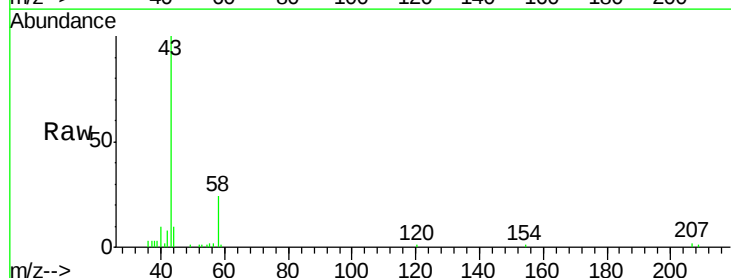
Acq: 18 Apr 2019 03:36

Tgt Ion: 43 Resp: 21389

Ion Ratio Lower Upper

43 100

58 24.3 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

10000

8000

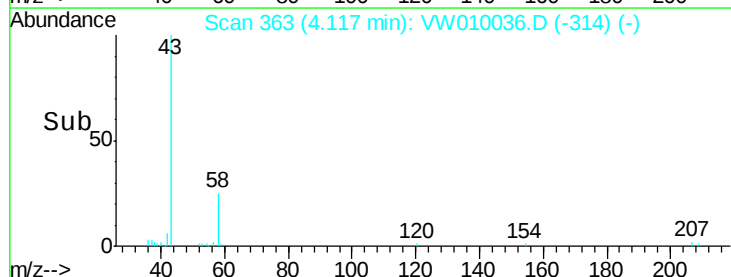
6000

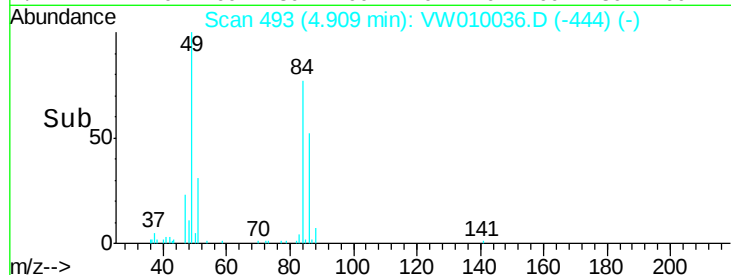
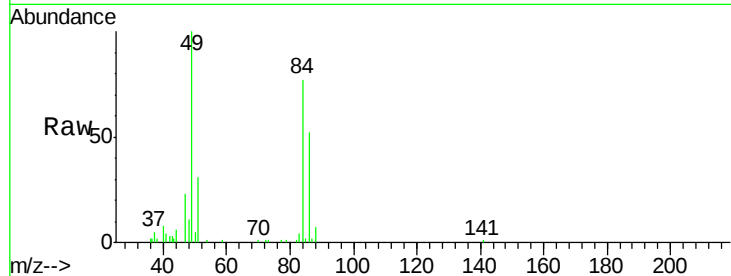
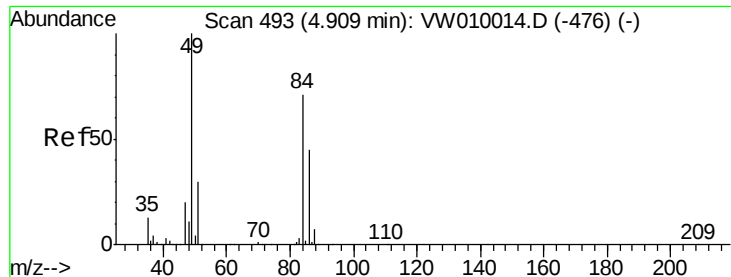
4000

2000

0

Time-->

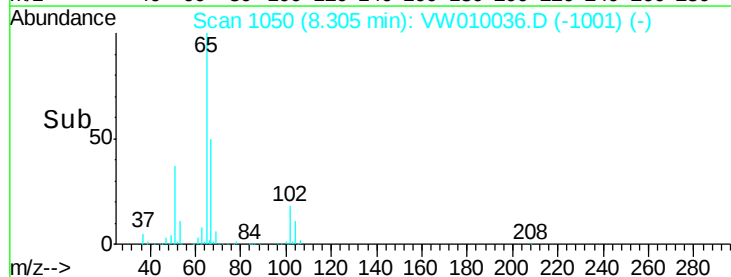
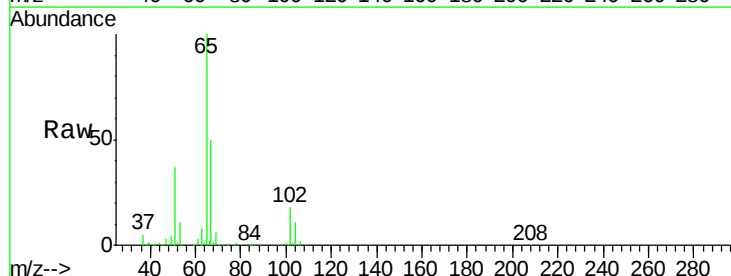
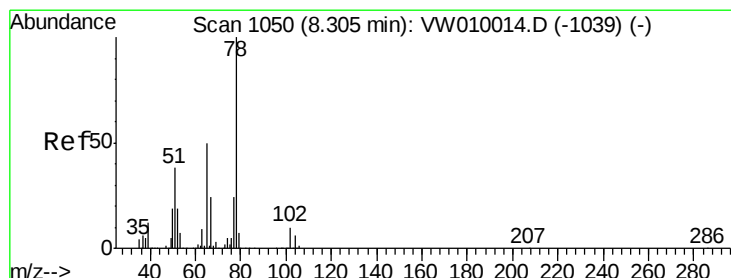
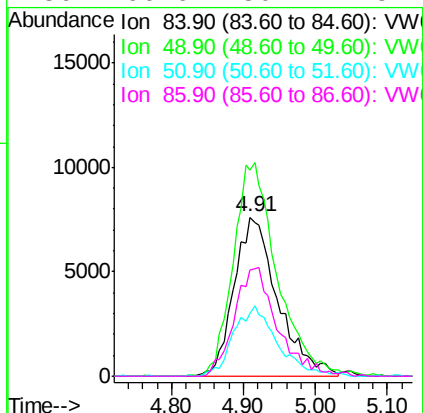




#20
Methvlene Chloride
Concen: 8.140 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW010036.D
Acq: 18 Apr 2019 03:36

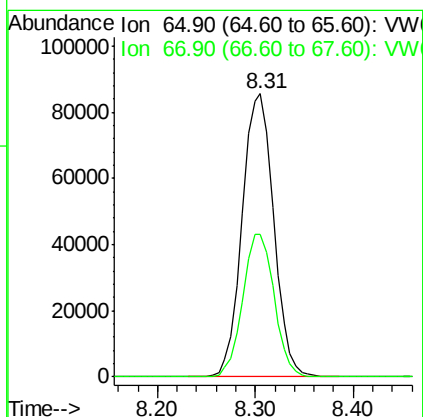
Instrument :
MSVOA_W
ClientSampleId :
FK-PS-01-046

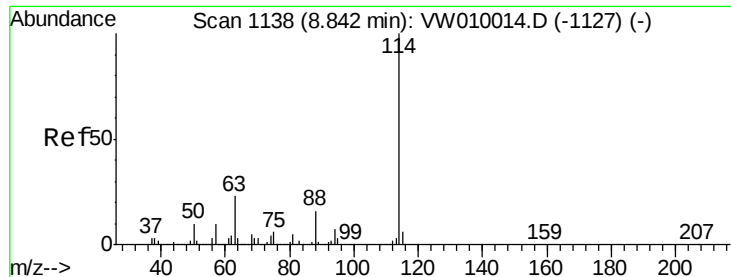
Tot Ion: 84 Resp: 32141
Ion Ratio Lower Upper
84 100
49 128.2 112.3 168.5
51 38.6 33.9 50.9
86 66.6 50.2 75.4



#33
1,2-Dichloroethane-d4
Concen: 63.222 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW010036.D
Acq: 18 Apr 2019 03:36

Tgt Ion: 65 Resp: 191796
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.8

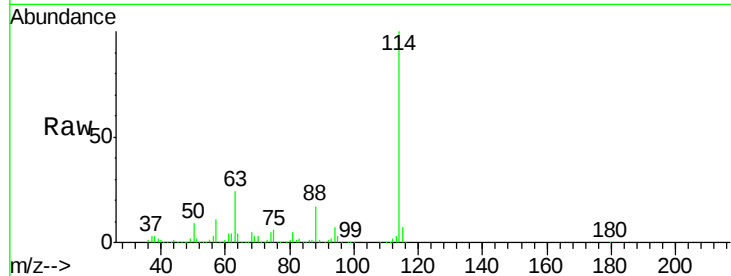




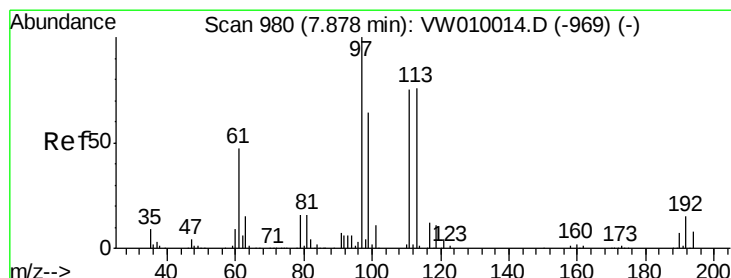
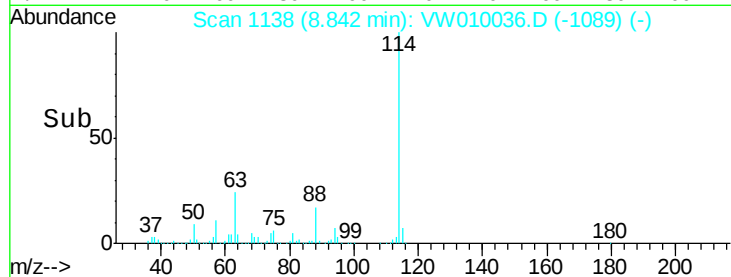
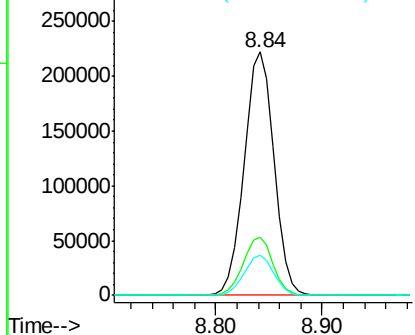
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010036.D
 Acq: 18 Apr 2019 03:36

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-PS-01-046

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	46.2
88	16.7	0.0	32.6

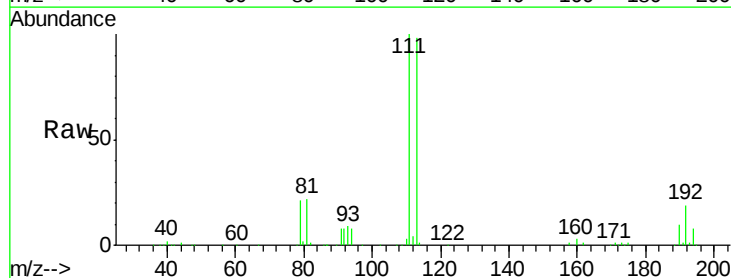


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

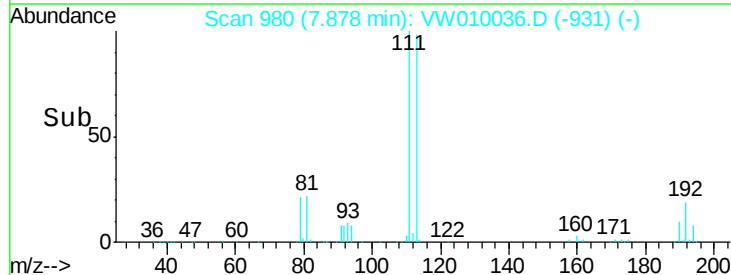
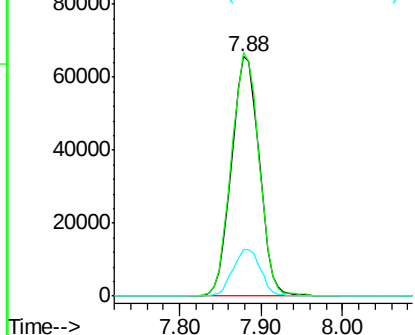


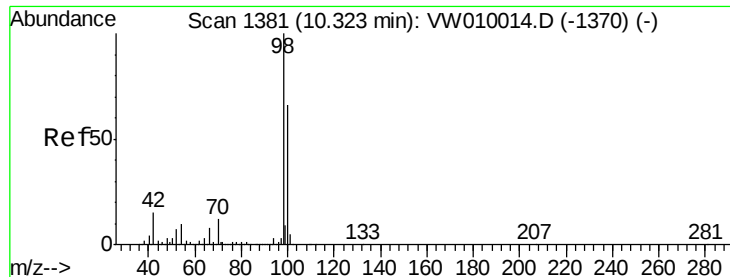
#35
 Dibromofluoromethane
 Concen: 55.253 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW010036.D
 Acq: 18 Apr 2019 03:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.6	123.8
192	19.6	15.4	23.2



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: 27.622 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010036.D

Acq: 18 Apr 2019 03:36

Instrument :

MSVOA_W

ClientSampleId :

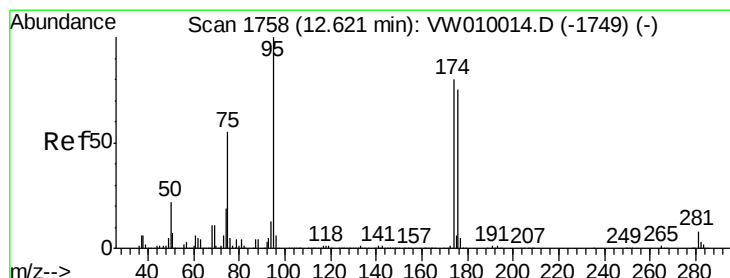
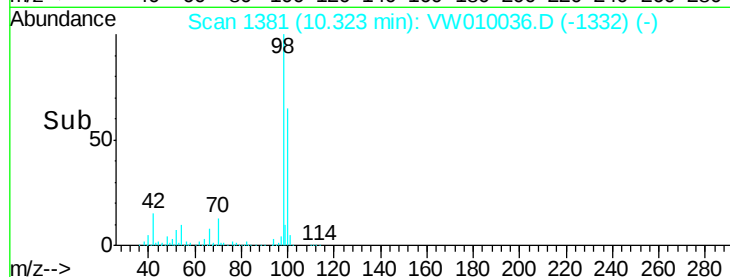
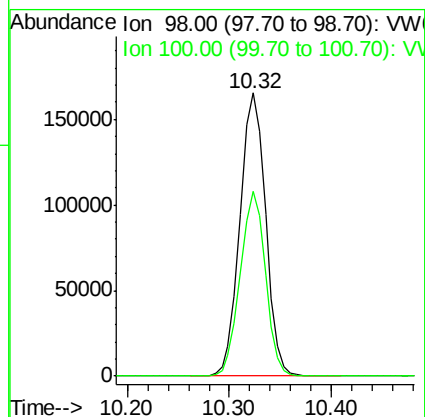
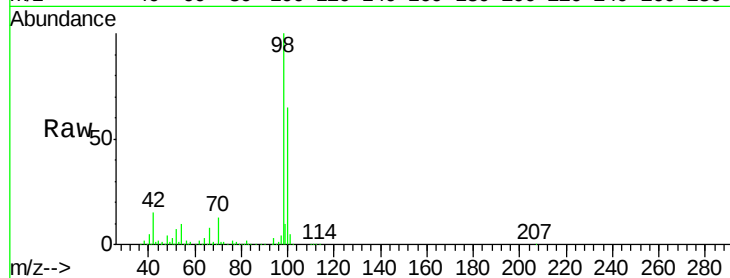
FK-PS-01-046

Tot Ion: 98 Resp: 287990

Ion Ratio Lower Upper

98 100

100 64.0 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 32.645 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010036.D

Acq: 18 Apr 2019 03:36

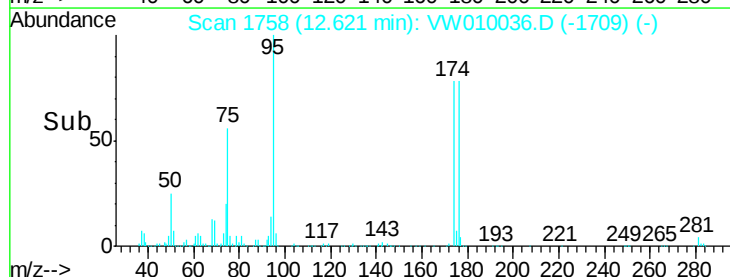
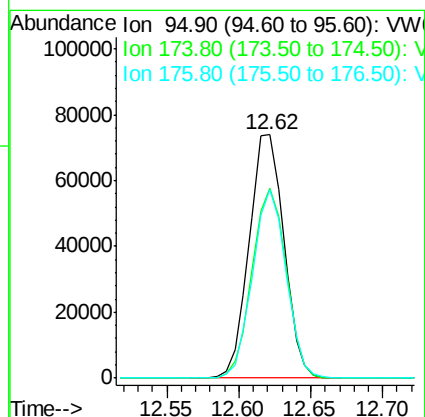
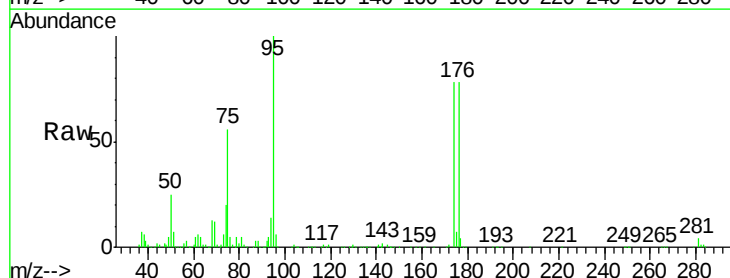
Tgt Ion: 95 Resp: 123719

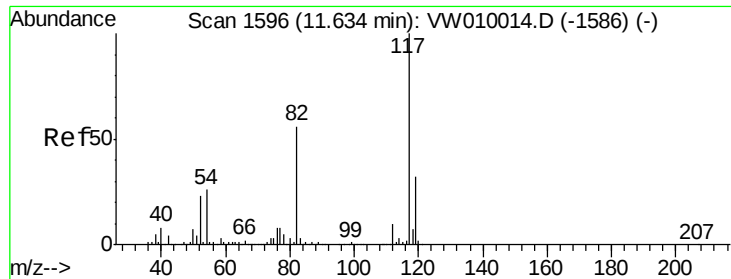
Ion Ratio Lower Upper

95 100

174 76.8 0.0 151.4

176 74.7 0.0 146.2

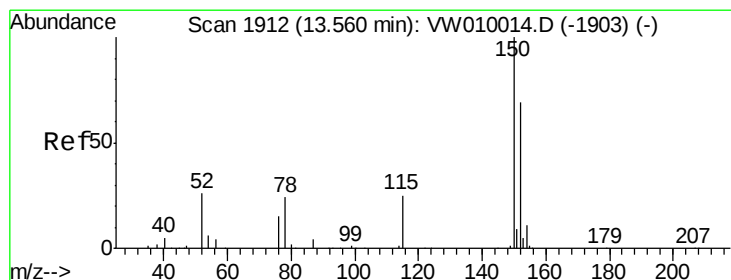
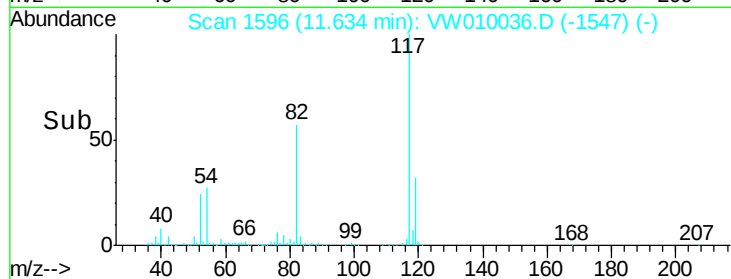
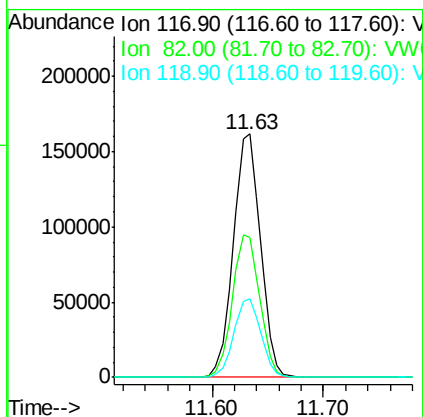
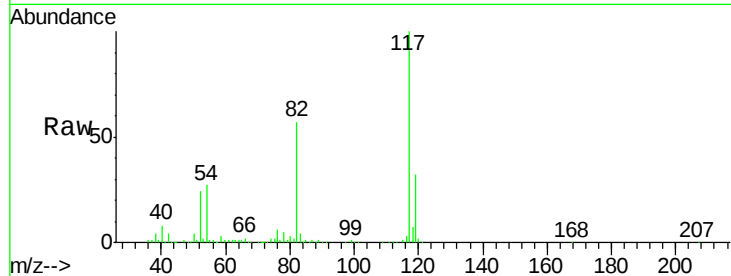




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010036.D
Acq: 18 Apr 2019 03:36

Instrument :
MSVOA_W
ClientSampleId :
FK-PS-01-046

Tot Ion:117 Resp: 272398
Ion Ratio Lower Upper
117 100
82 57.5 45.2 67.8
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010036.D
Acq: 18 Apr 2019 03:36

Tgt Ion:152 Resp: 114079
Ion Ratio Lower Upper
152 100
115 60.1 30.4 91.2
150 155.8 0.0 347.0

