

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041719\
 Data File : VW010027.D
 Acq On : 17 Apr 2019 20:19
 Operator : SY/VA
 Sample : K2417-02
 Misc : 4.50G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-PS-01-045

Quant Time: Apr 18 03:51:52 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

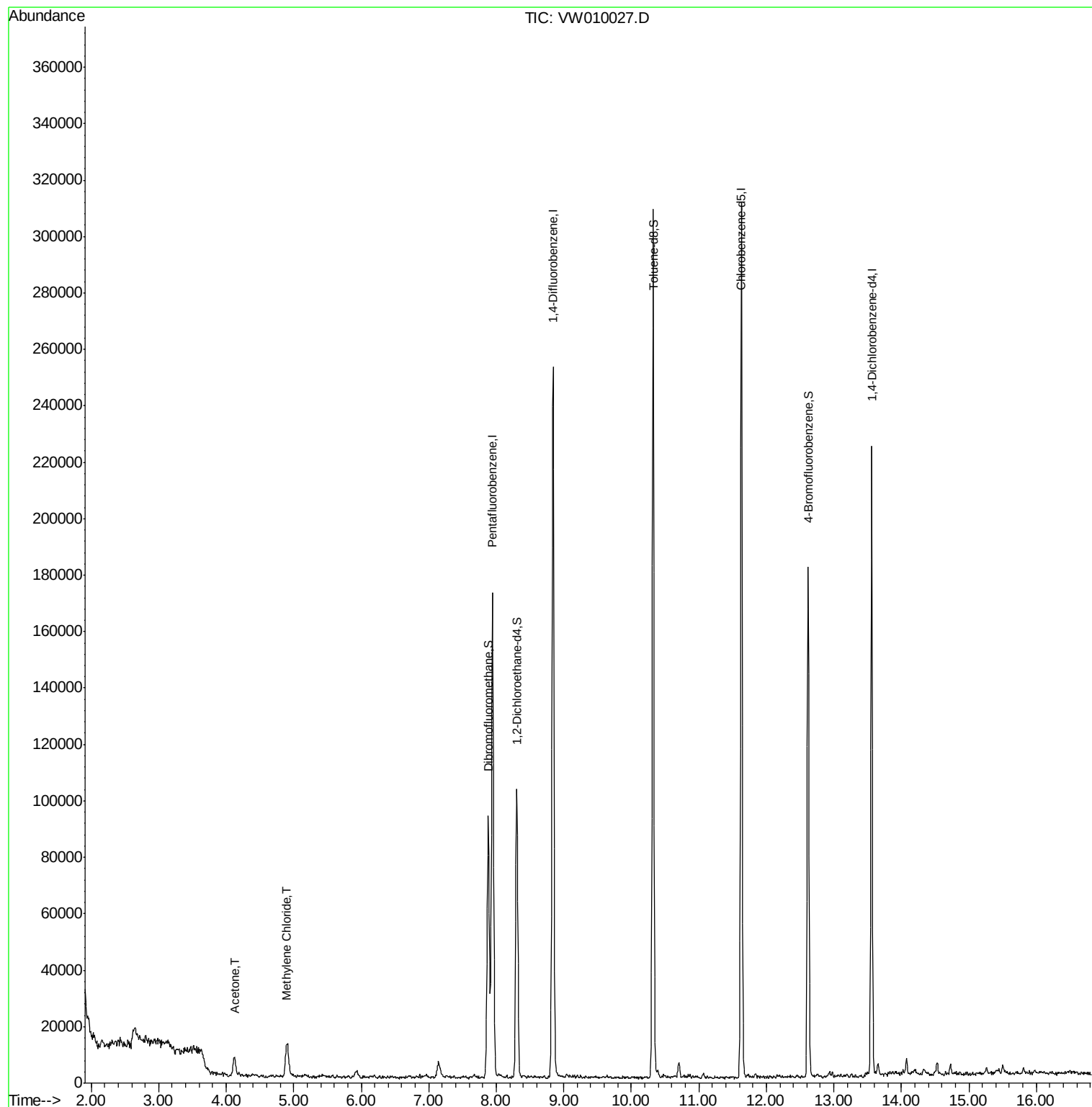
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	117553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	197596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	161837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	54348	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	81515	56.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.38%	
35) Dibromofluoromethane	7.88	113	65596	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.44%	
50) Toluene-d8	10.32	98	192562	40.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.82%	
62) 4-Bromofluorobenzene	12.62	95	55140	32.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.44%	
Target Compounds						
16) Acetone	4.13	43	12798	38.023	ug/l	93
20) Methylene Chloride	4.90	84	8177	2.127	ug/l	89

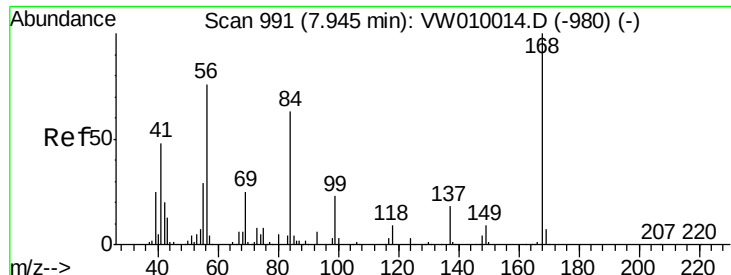
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW010027.D

Acq: 17 Apr 2019 20:19

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MSVOA_W

ClientSampleId :

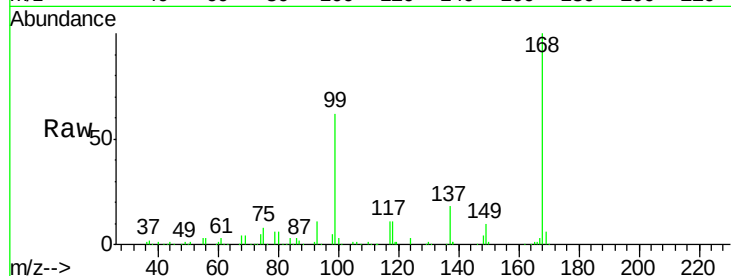
FK-PS-01-045

Tot Ion:168 Resp: 117553

Ion Ratio Lower Upper

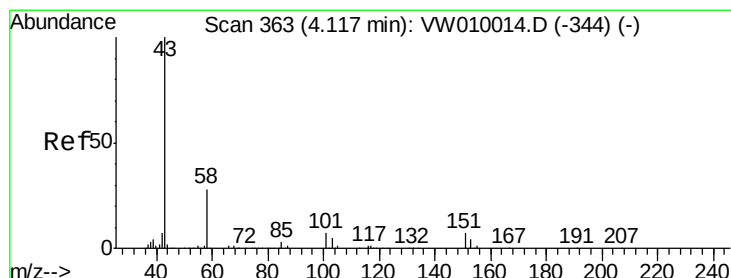
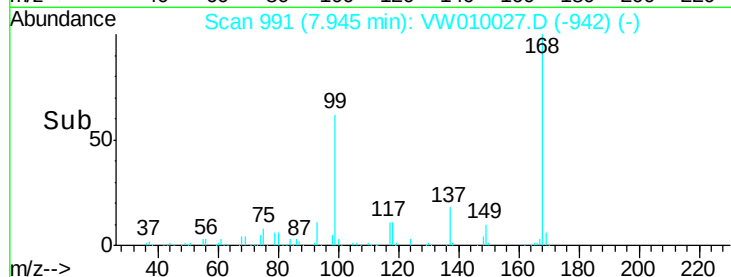
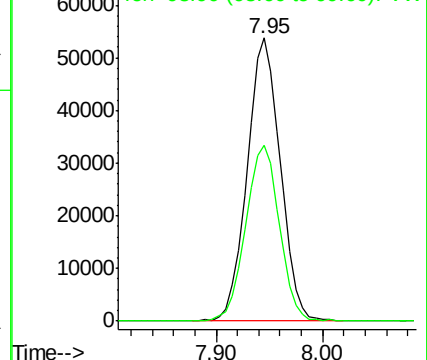
168 100

99 62.2 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 38.023 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010027.D

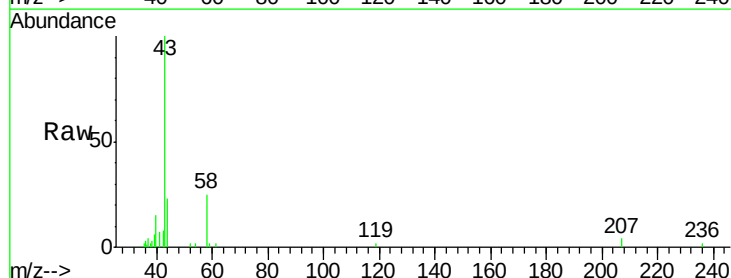
Acq: 17 Apr 2019 20:19

Tgt Ion: 43 Resp: 12798

Ion Ratio Lower Upper

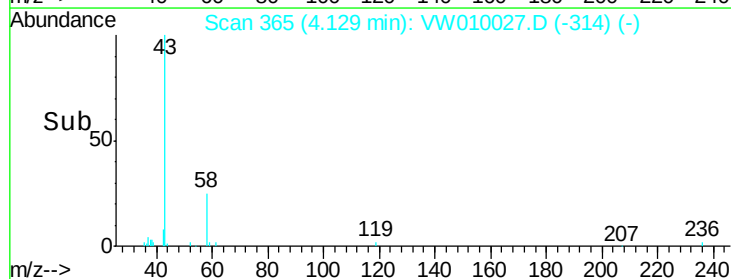
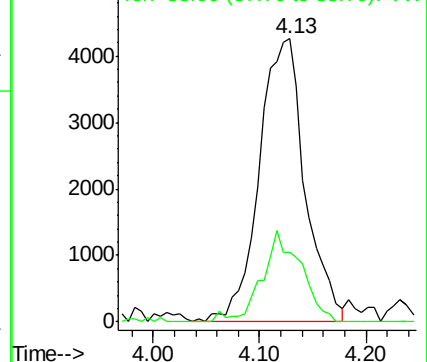
43 100

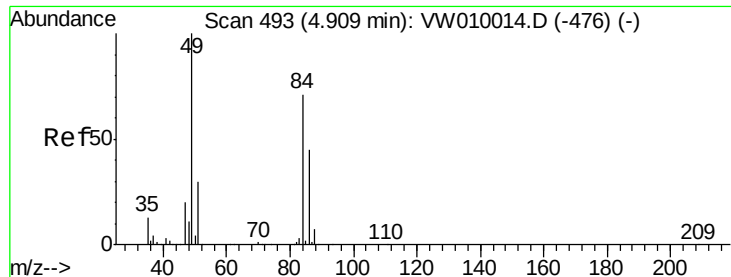
58 24.8 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 2.127 ug/l

RT: 4.90 min Scan# 491

Delta R.T. -0.01 min

Lab File: VW010027.D

Acq: 17 Apr 2019 20:19

Instrument :

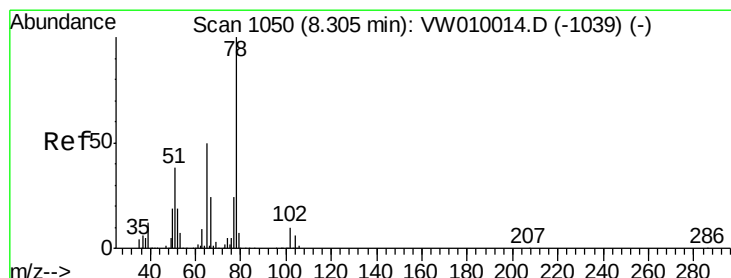
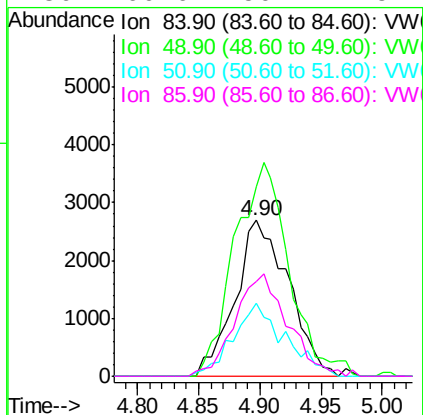
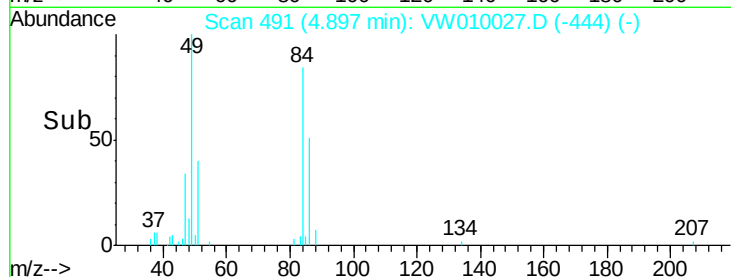
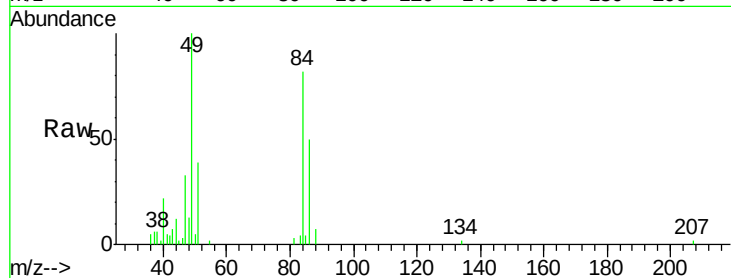
MSVOA_W

ClientSampleId :

FK-PS-01-045

Tot Ion: 84 Resp: 8177

Ion	Ratio	Lower	Upper
84	100		
49	121.3	112.3	168.5
51	47.0	33.9	50.9
86	60.6	50.2	75.4



#33

1,2-Dichloroethane-d4

Concen: 56.191 ug/l

RT: 8.30 min Scan# 1050

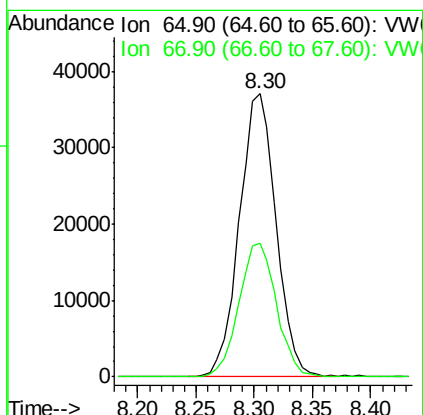
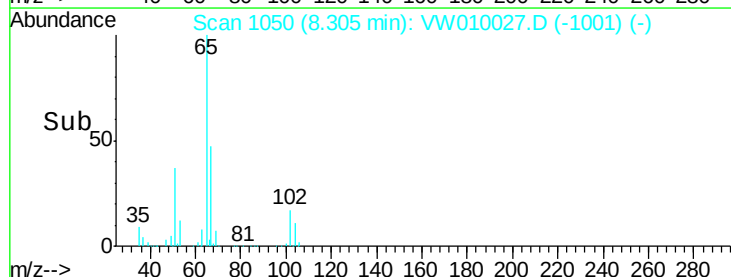
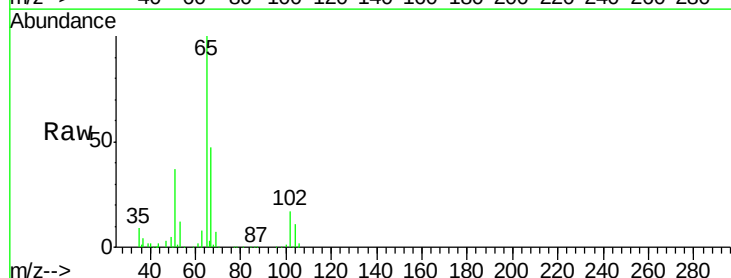
Delta R.T. -0.00 min

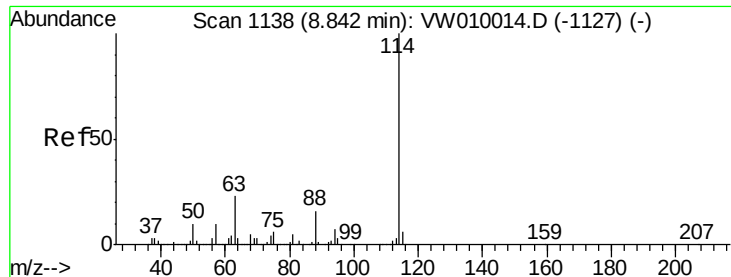
Lab File: VW010027.D

Acq: 17 Apr 2019 20:19

Tgt Ion: 65 Resp: 81515

Ion	Ratio	Lower	Upper
65	100		
67	48.2	0.0	100.8

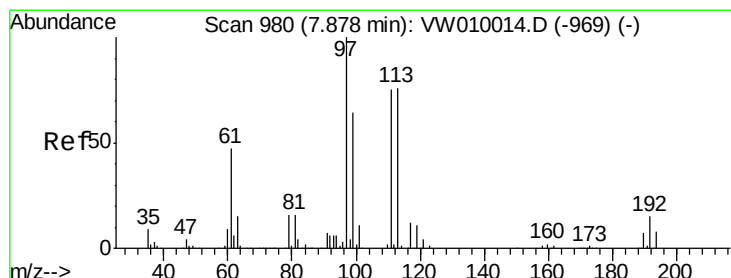
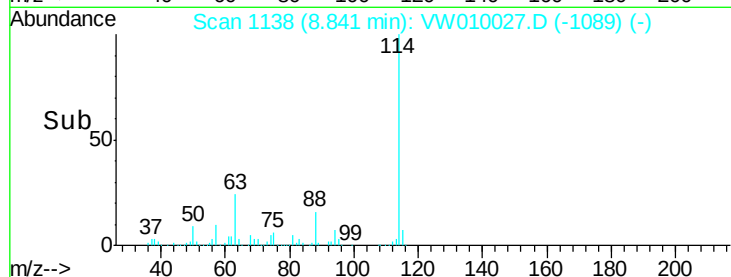
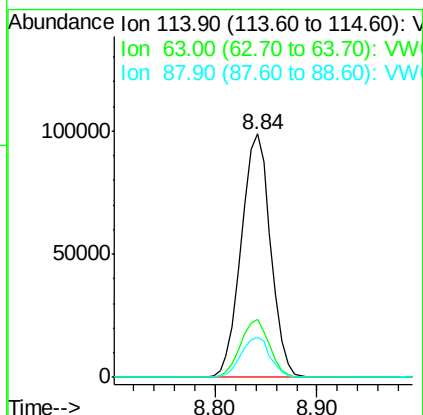
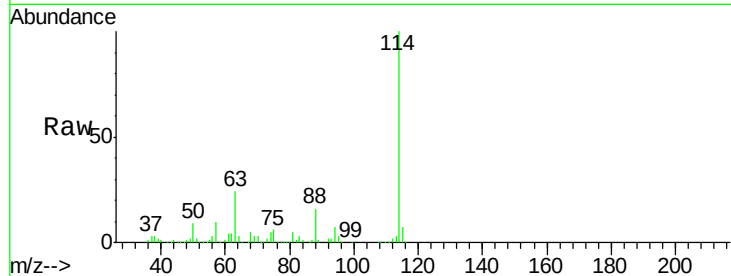




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010027.D
 Acq: 17 Apr 2019 20:19

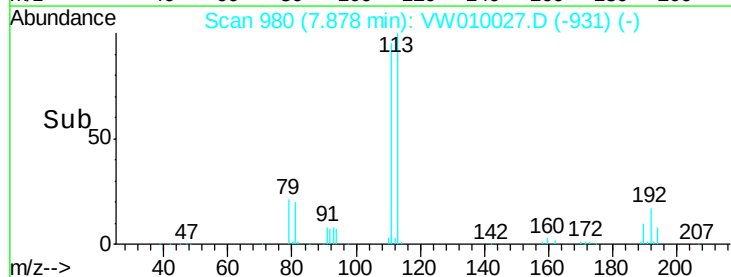
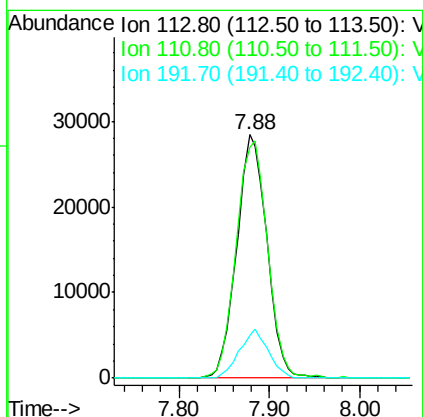
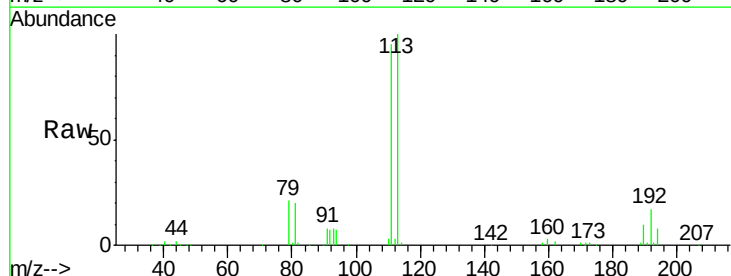
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-PS-01-045

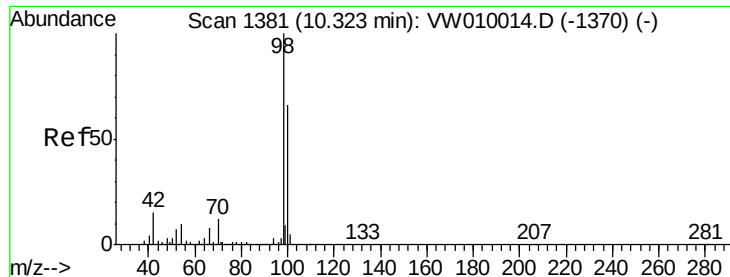
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	46.2
88	16.2	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 52.216 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW010027.D
 Acq: 17 Apr 2019 20:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.6	123.8
192	19.3	15.4	23.2





#50

Toluene-d8

Concen: 40.906 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010027.D

Acq: 17 Apr 2019 20:19

Instrument :

MSVOA_W

ClientSampleId :

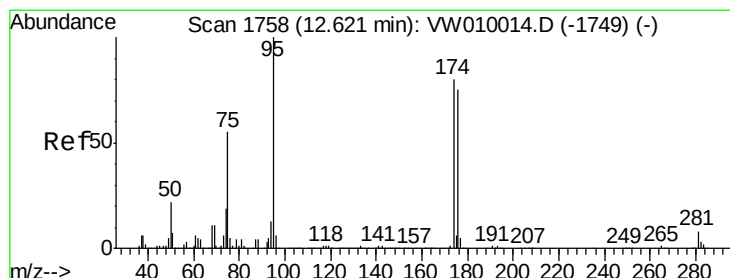
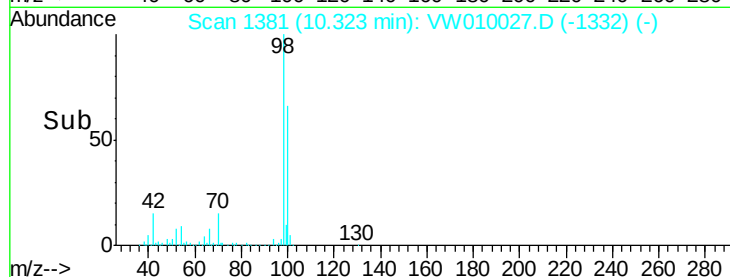
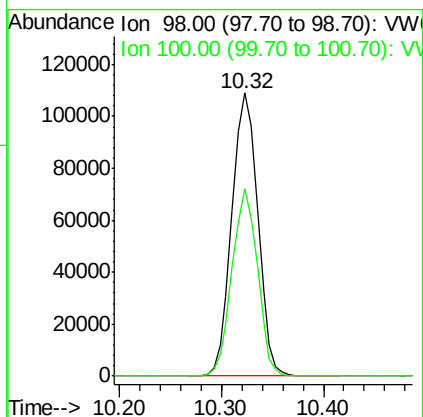
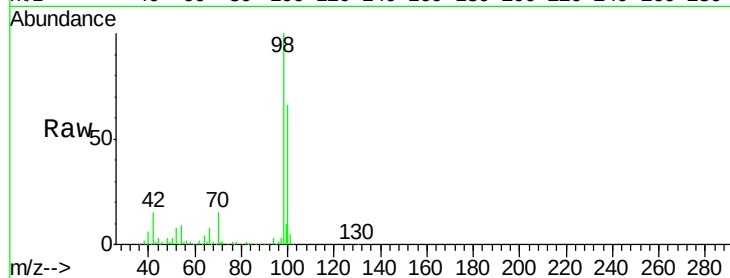
FK-PS-01-045

Tot Ion: 98 Resp: 192562

Ion Ratio Lower Upper

98 100

100 64.6 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 32.224 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010027.D

Acq: 17 Apr 2019 20:19

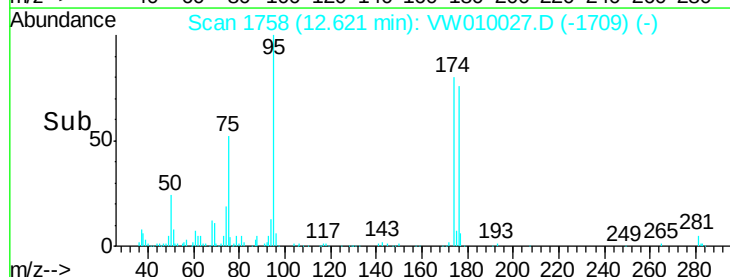
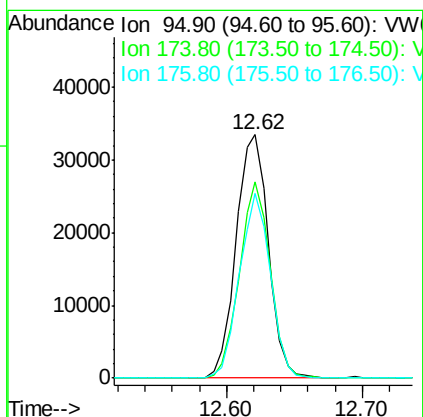
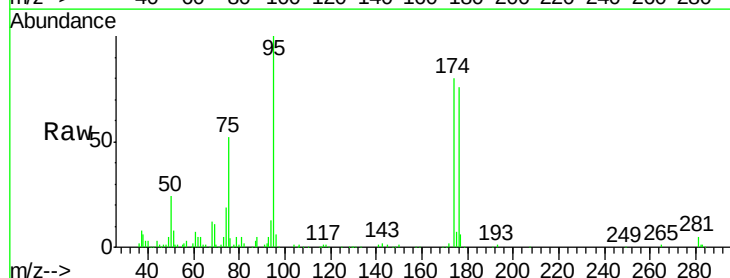
Tgt Ion: 95 Resp: 55140

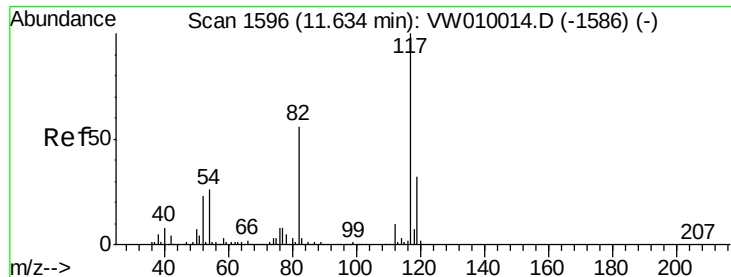
Ion Ratio Lower Upper

95 100

174 77.1 0.0 151.4

176 73.2 0.0 146.2

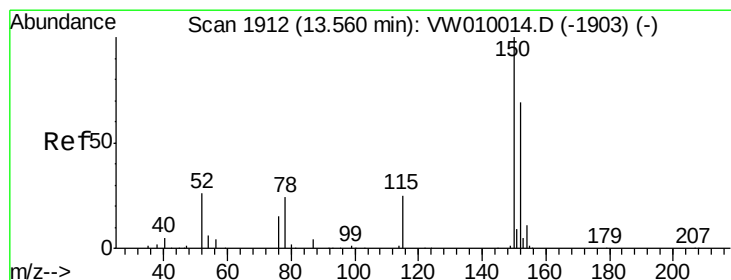
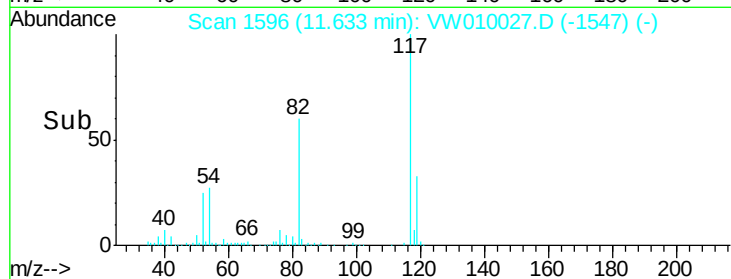
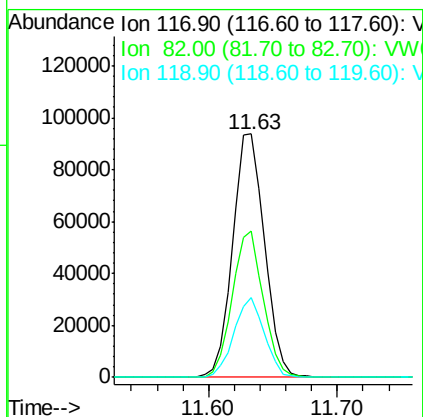
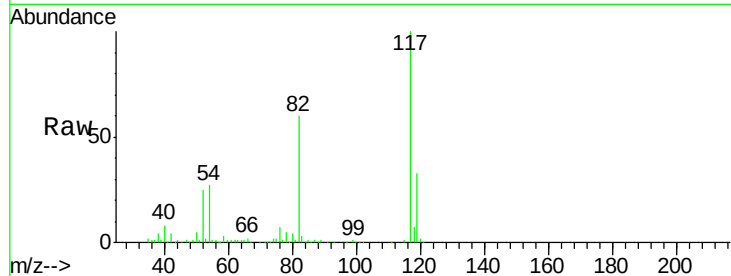




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010027.D
Acq: 17 Apr 2019 20:19

Instrument :
MSVOA_W
ClientSampleId :
FK-PS-01-045

Tot Ion:117 Resp: 161837
Ion Ratio Lower Upper
117 100
82 60.0 45.2 67.8
119 32.7 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: VW010027.D
Acq: 17 Apr 2019 20:19

Tgt Ion:152 Resp: 54348
Ion Ratio Lower Upper
152 100
115 58.6 30.4 91.2
150 153.7 0.0 347.0

