

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003615.D
 Acq On : 27 Jun 2018 15:57
 Operator : SY/AP
 Sample : J3712-02RE
 Misc : 9.92G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-PS-01-031RE

Quant Time: Jun 28 05:48:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

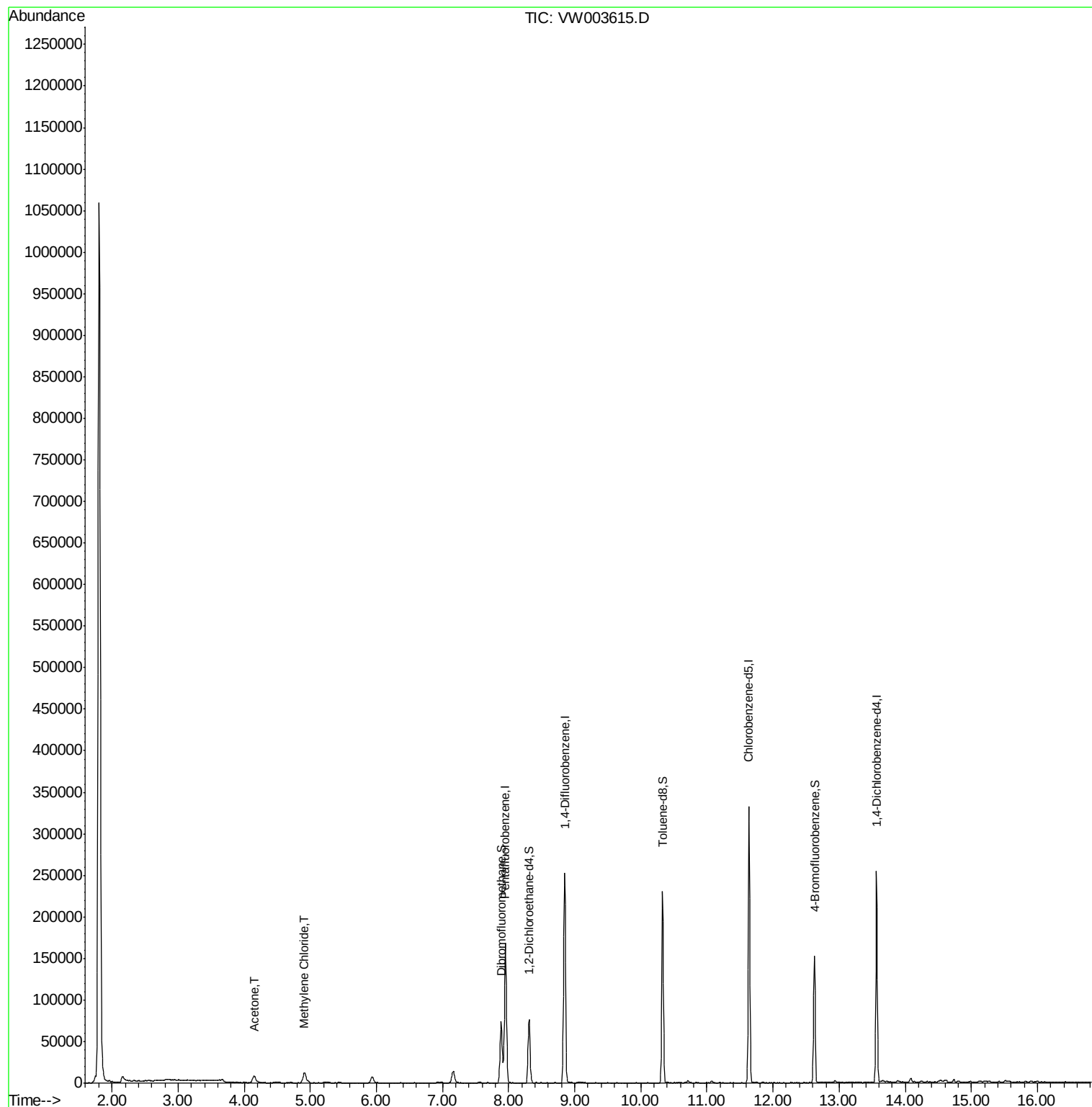
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	119692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	199713	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	172807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	62397	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	62198	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
35) Dibromofluoromethane	7.89	113	51498	41.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.00%	
50) Toluene-d8	10.33	98	147985	30.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.14%	
62) 4-Bromofluorobenzene	12.63	95	45001	25.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.68%	
Target Compounds						
16) Acetone	4.15	43	17602	64.74	ug/l	96
20) Methylene Chloride	4.91	84	8935	4.39	ug/l	91

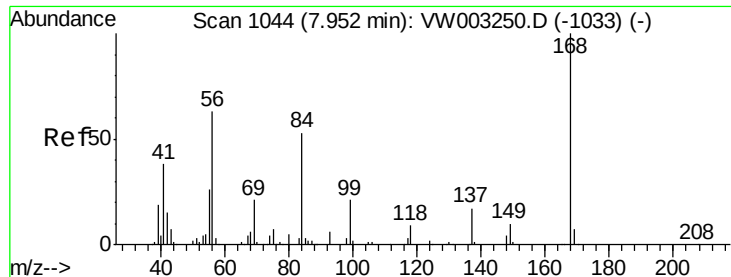
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 16 05:18:54 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003615.D

Acq: 27 Jun 2018 15:57

Instrument :

MSVOA_W

ClientSampleId :

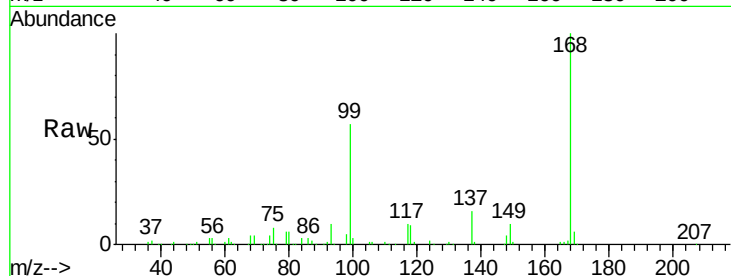
FK-PS-01-031RE

Tot Ion:168 Resp: 119692

Ion Ratio Lower Upper

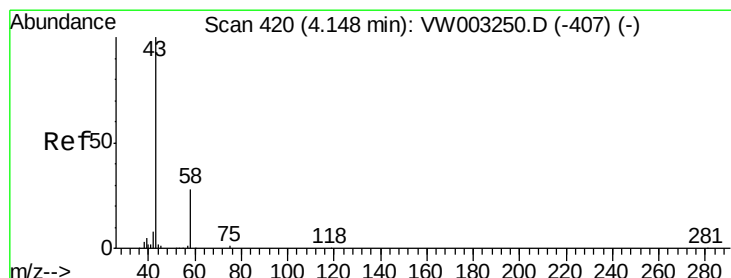
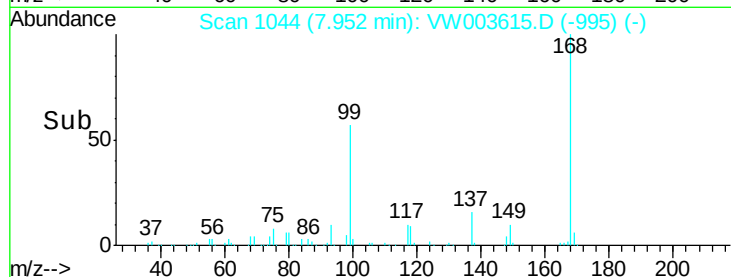
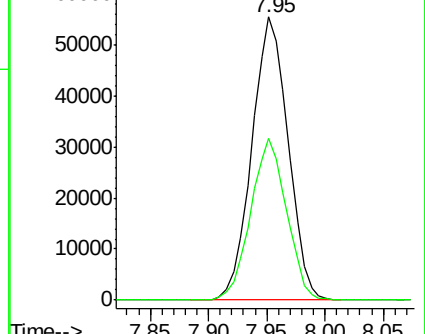
168 100

99 57.1 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 64.74 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003615.D

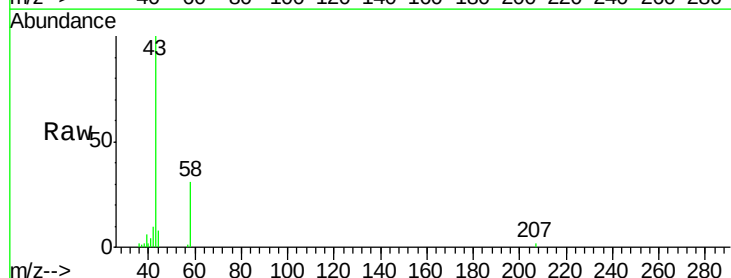
Acq: 27 Jun 2018 15:57

Tgt Ion: 43 Resp: 17602

Ion Ratio Lower Upper

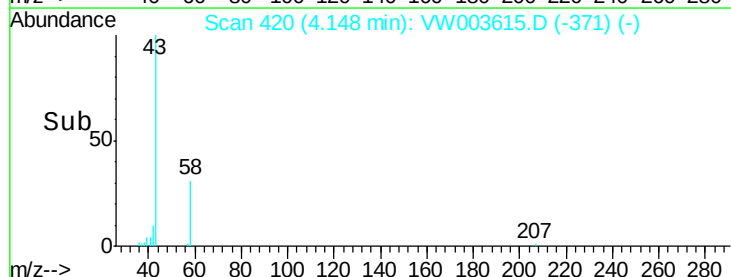
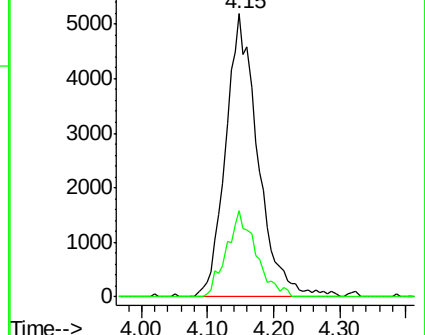
43 100

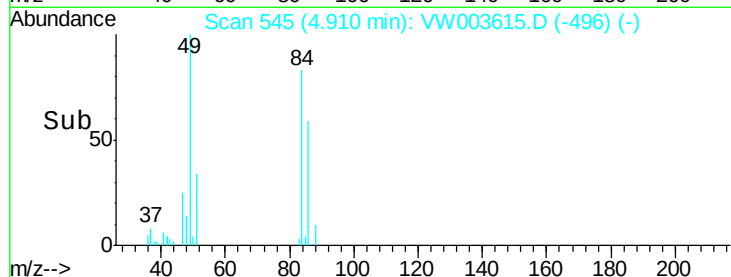
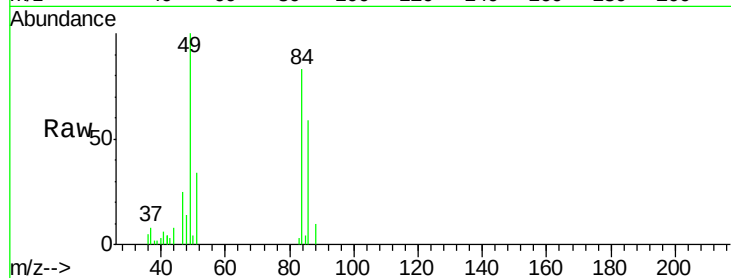
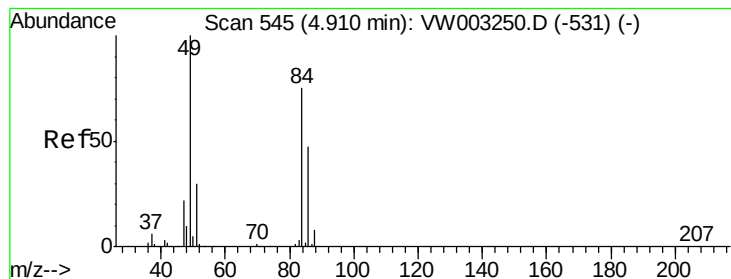
58 30.5 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 4.39 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW003615.D

Acq: 27 Jun 2018 15:57

Instrument :

MSVOA_W

ClientSampleId :

FK-PS-01-031RE

Tot Ion: 84 Resp: 8935

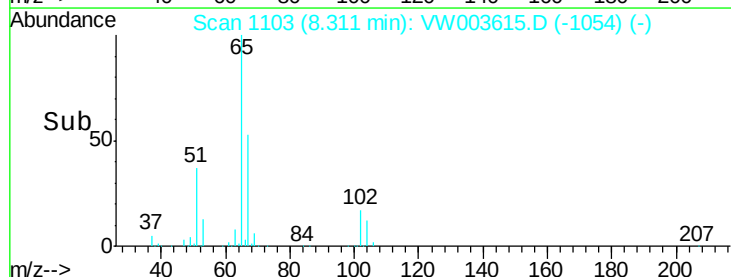
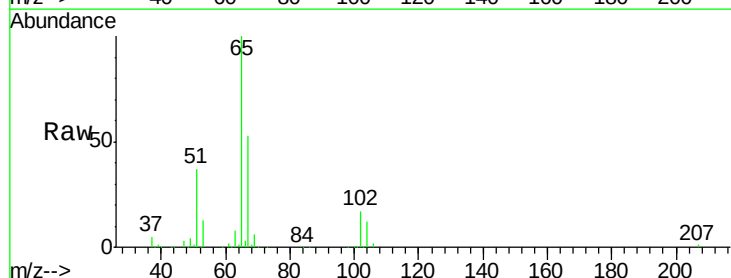
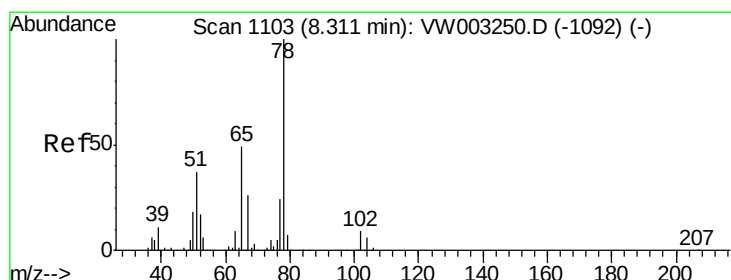
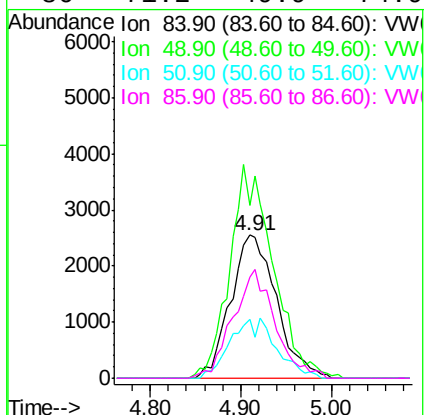
Ion Ratio Lower Upper

84 100

49 121.2 106.3 159.5

51 41.3 32.0 48.0

86 71.2 49.9 74.9



#33

1,2-Dichloroethane-d4

Concen: 47.98 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003615.D

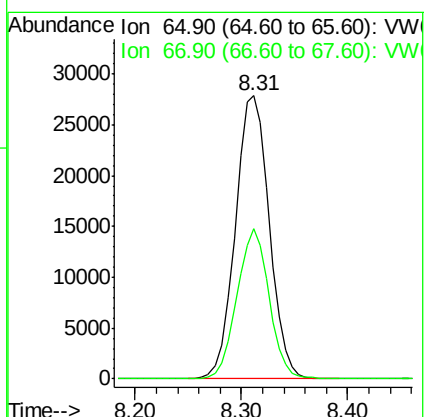
Acq: 27 Jun 2018 15:57

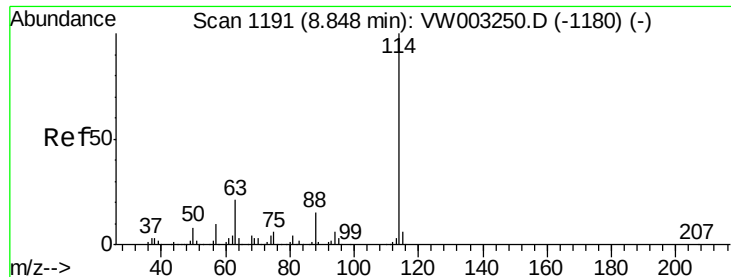
Tgt Ion: 65 Resp: 62198

Ion Ratio Lower Upper

65 100

67 50.3 0.0 104.2

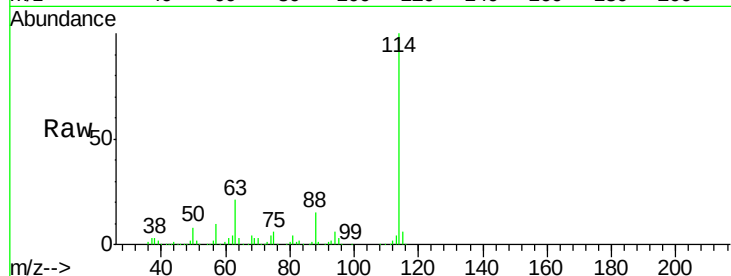




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003615.D
 Acq: 27 Jun 2018 15:57

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-PS-01-031RE

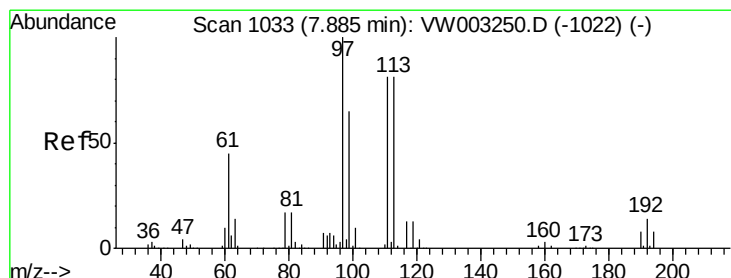
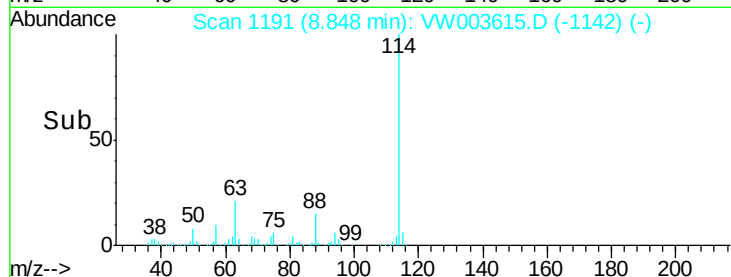
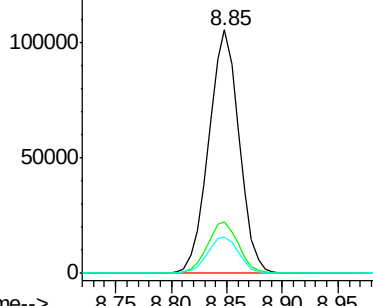
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.0
88	15.1	0.0	29.6



Abundance Ion 113.90 (113.60 to 114.60): V

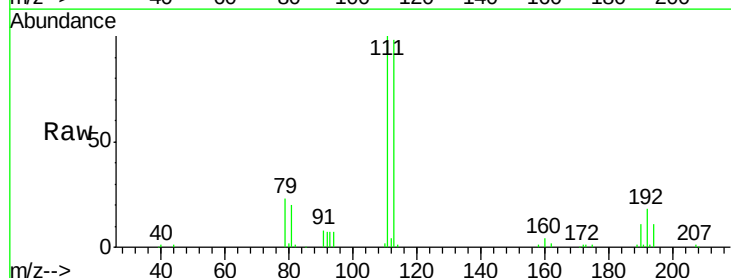
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 41.50 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003615.D
 Acq: 27 Jun 2018 15:57

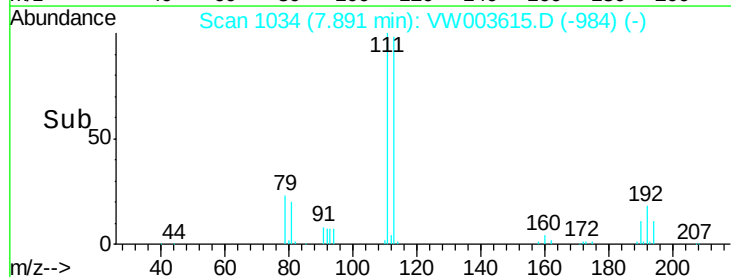
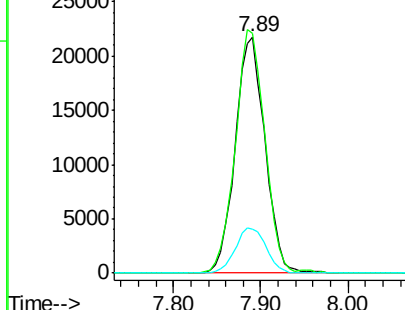
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.2
192	19.7	16.2	24.2

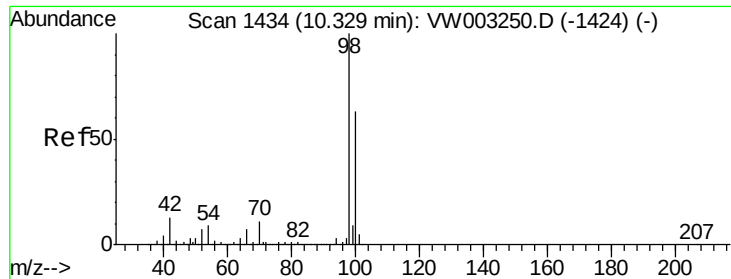


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 30.07 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003615.D

Acq: 27 Jun 2018 15:57

Instrument :

MSVOA_W

ClientSampleId :

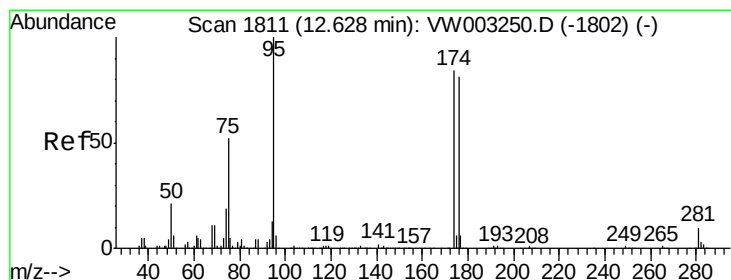
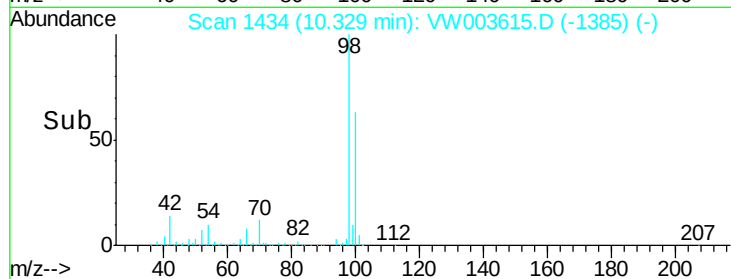
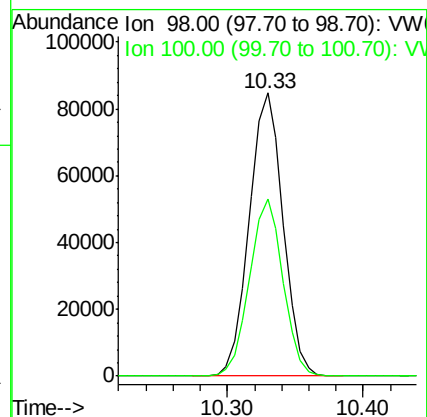
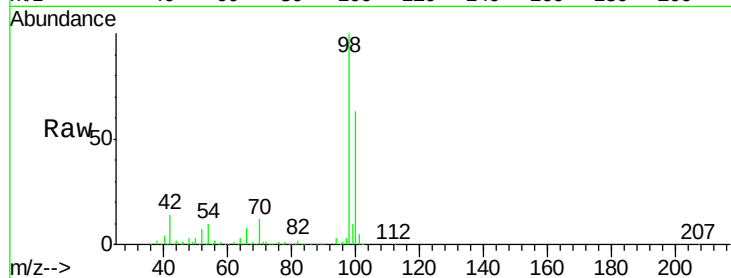
FK-PS-01-031RE

Tot Ion: 98 Resp: 147985

Ion Ratio Lower Upper

98 100

100 61.9 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 25.84 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003615.D

Acq: 27 Jun 2018 15:57

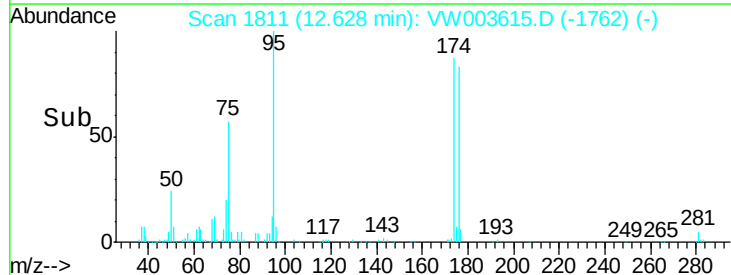
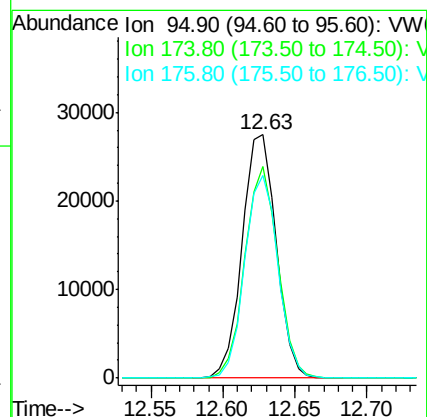
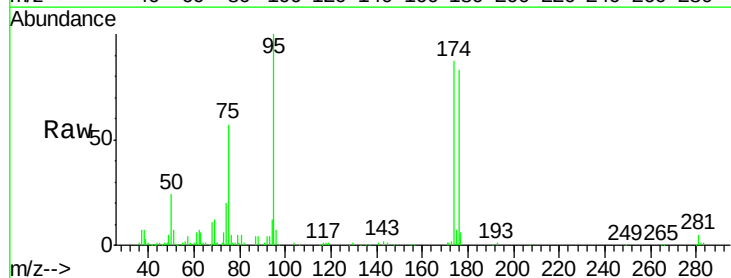
Tgt Ion: 95 Resp: 45001

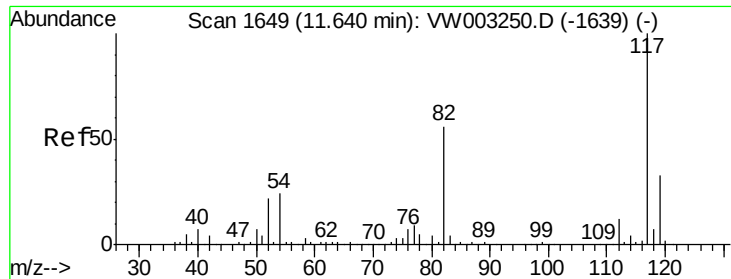
Ion Ratio Lower Upper

95 100

174 84.3 0.0 166.4

176 81.4 0.0 162.0

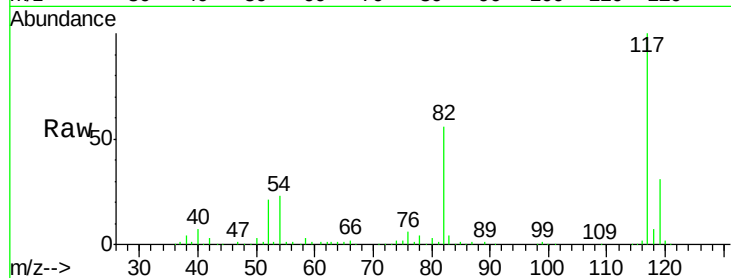




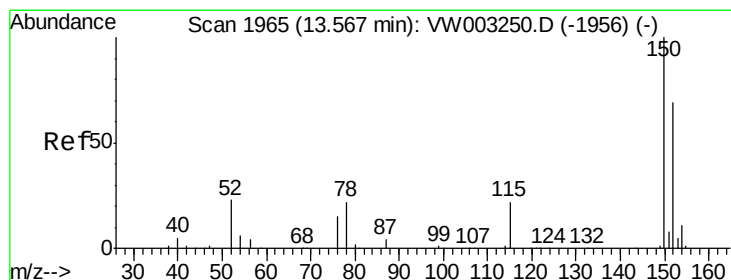
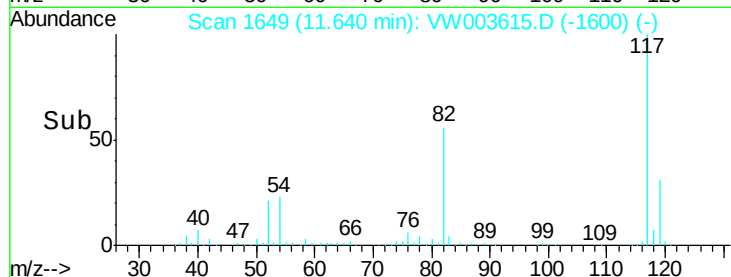
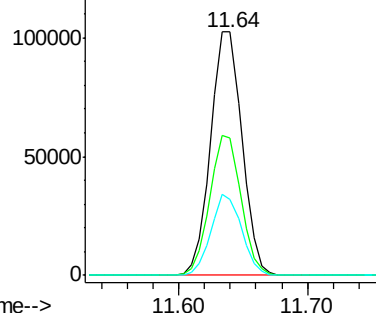
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003615.D
Acq: 27 Jun 2018 15:57

Instrument :
MSVOA_W
ClientSampleId :
FK-PS-01-031RE

Tot Ion:117 Resp: 172807
Ion Ratio Lower Upper
117 100
82 56.2 44.6 67.0
119 31.3 26.7 40.1

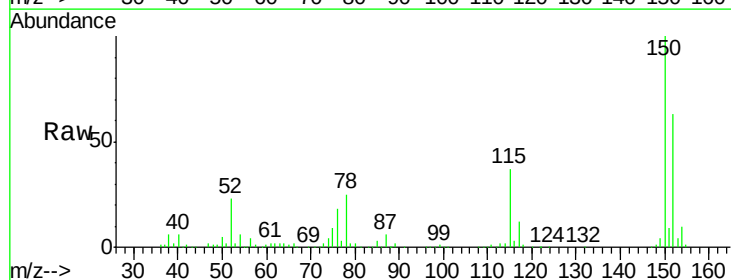


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003615.D
Acq: 27 Jun 2018 15:57

Tgt Ion:152 Resp: 62397
Ion Ratio Lower Upper
152 100
115 58.7 29.3 88.0
150 156.8 0.0 349.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

