

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW062019\
 Data File : VW010888.D
 Acq On : 20 Jun 2019 13:21
 Operator : SY/VA
 Sample : K3435-02
 Misc : 5.5G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-SF-02-004-A

Quant Time: Jun 21 08:07:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

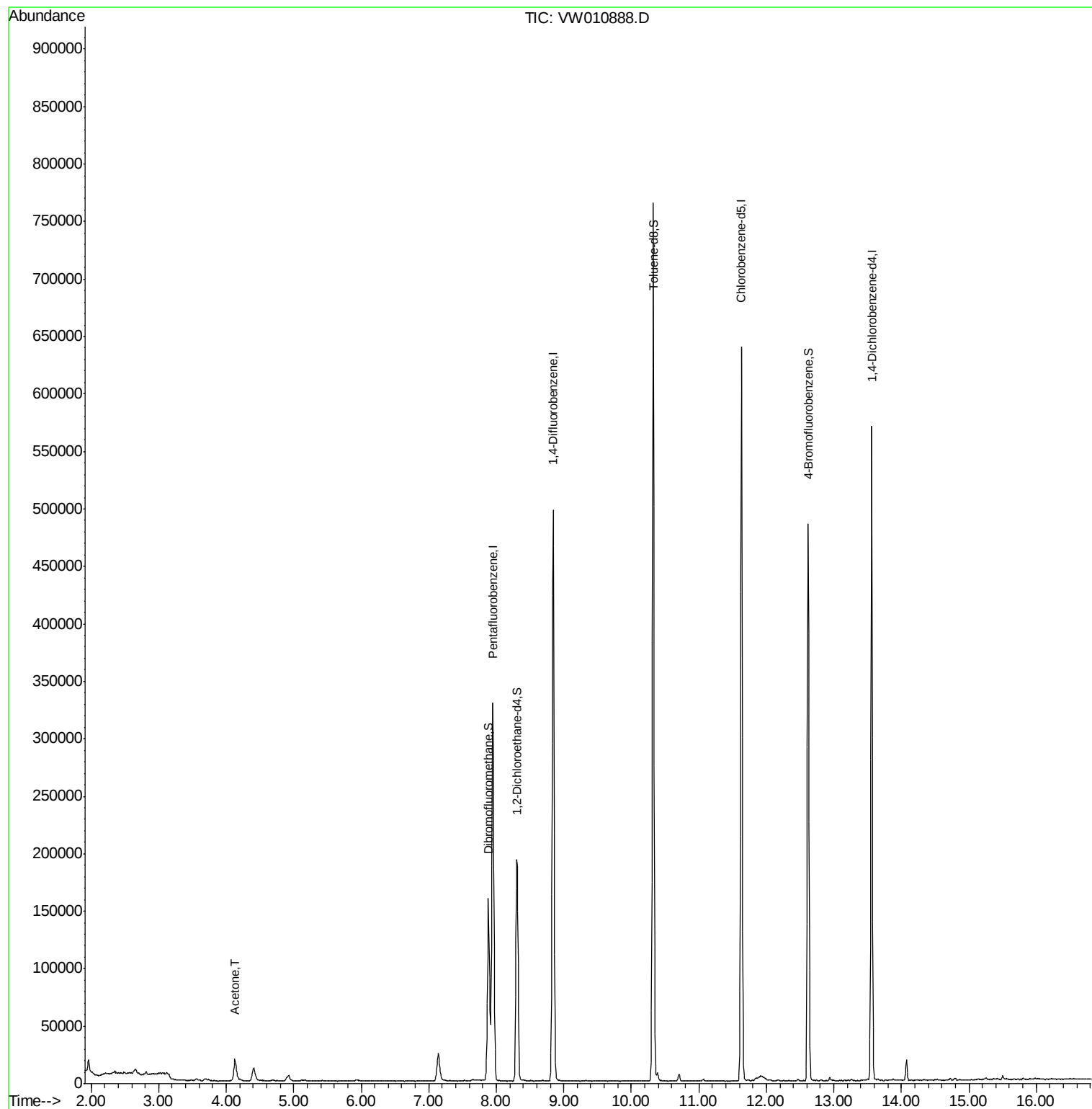
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	236188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	387379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	327171	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134773	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	155663	55.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.84%	
35) Dibromofluoromethane	7.88	113	109579	52.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.24%	
50) Toluene-d8	10.32	98	475522	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.62	95	157271	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
Target Compounds						
16) Acetone	4.13	43	34145	45.775	ug/l	Qvalue 100

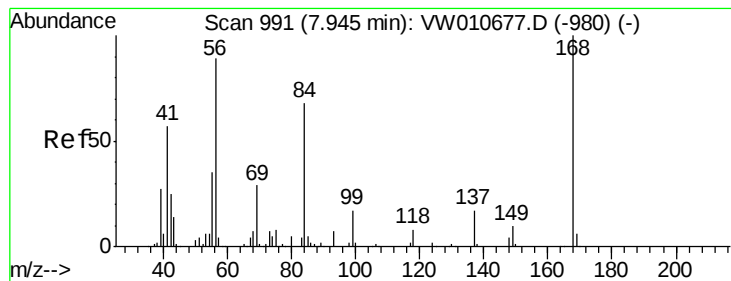
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

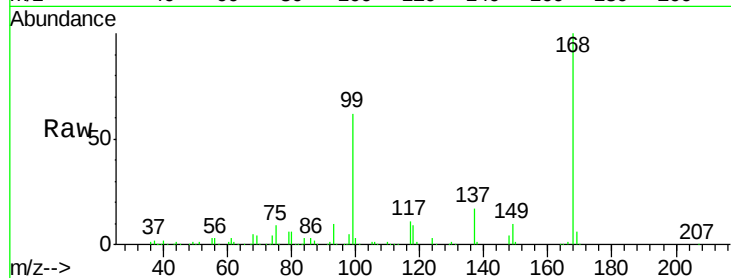
FK-SF-02-004-A

Tot Ion:168 Resp: 236188

Ion Ratio Lower Upper

168 100

99 62.0 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

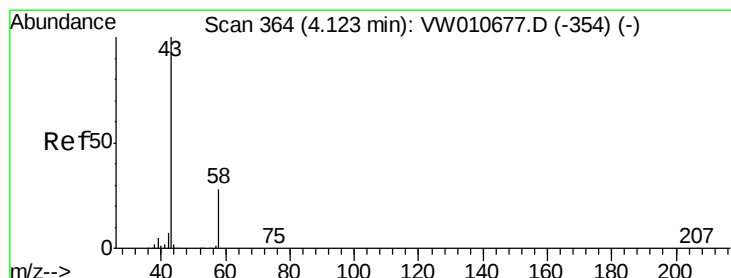
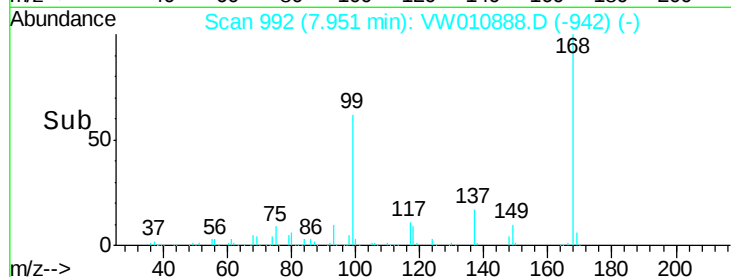
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 45.775 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010888.D

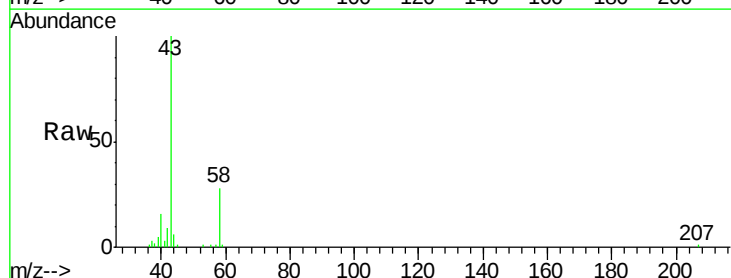
Acq: 20 Jun 2019 13:21

Tgt Ion: 43 Resp: 34145

Ion Ratio Lower Upper

43 100

58 27.7 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

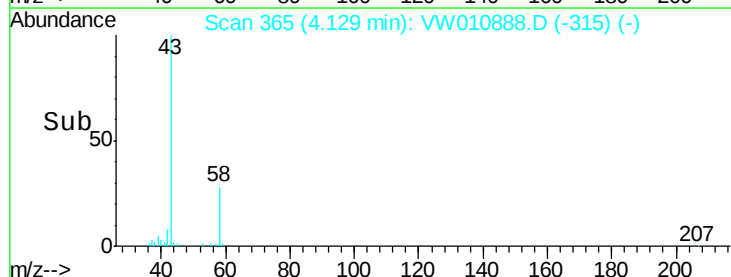
4.13

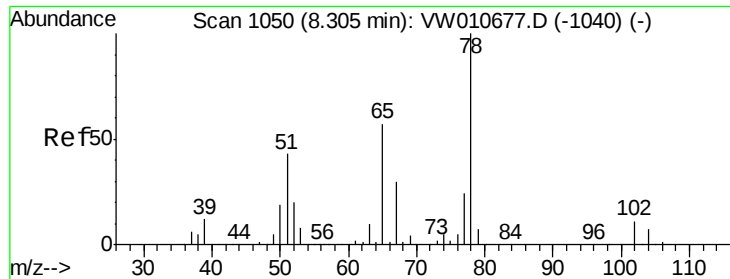
10000

5000

0

Time--> 4.00 4.10 4.20





#33

1,2-Dichloroethane-d4

Concen: 55.916 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010888.D

Acq: 20 Jun 2019 13:21

Instrument :

MSVOA_W

ClientSampleId :

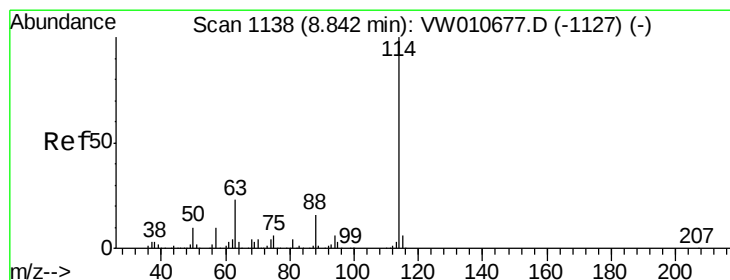
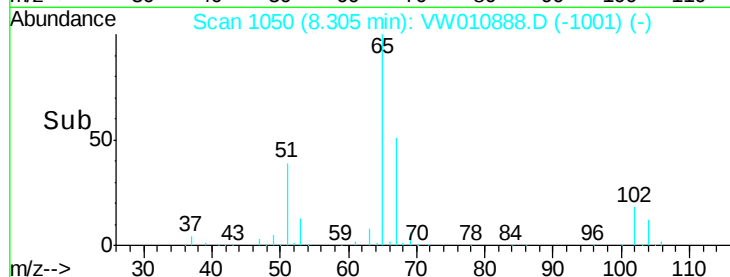
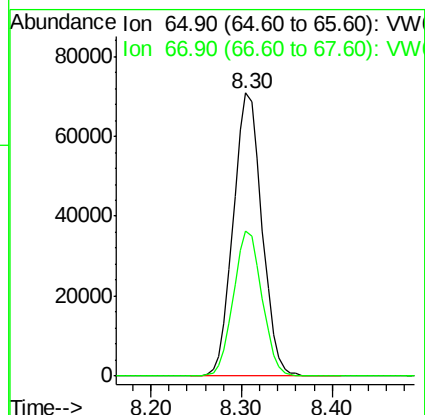
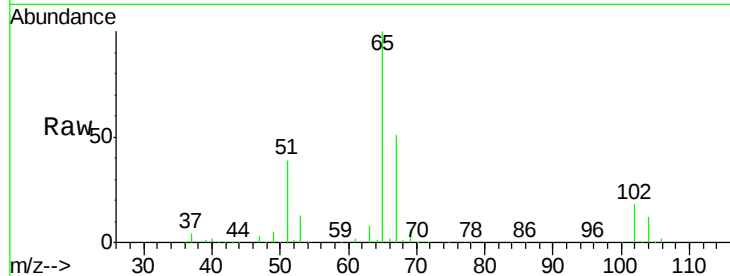
FK-SF-02-004-A

Tot Ion: 65 Resp: 155663

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010888.D

Acq: 20 Jun 2019 13:21

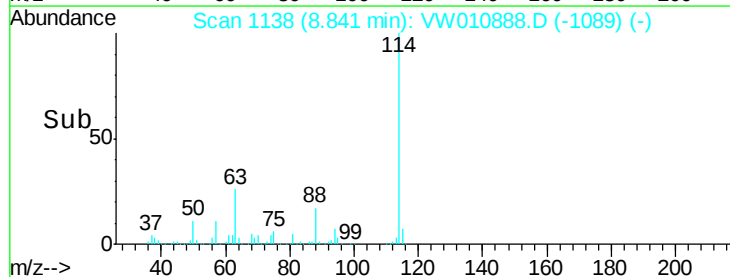
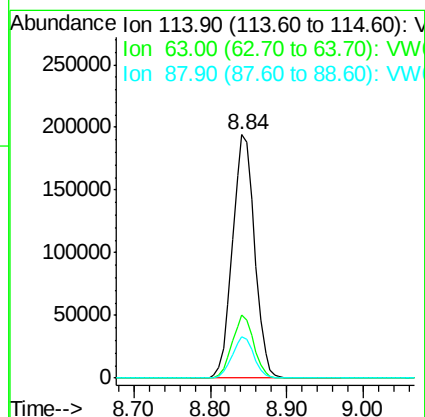
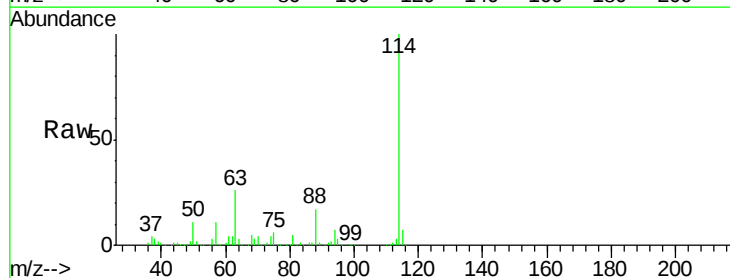
Tgt Ion: 114 Resp: 387379

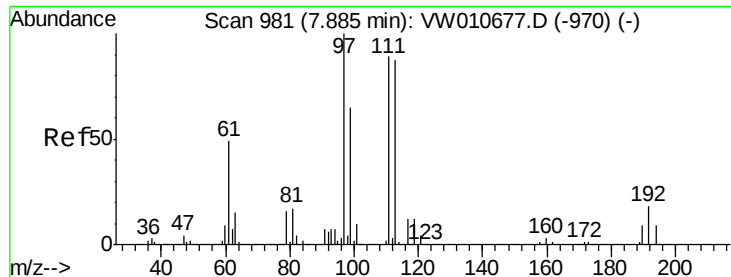
Ion Ratio Lower Upper

114 100

63 25.9 0.0 46.4

88 16.9 0.0 32.2





#35

Dibromofluoromethane

Concen: 52.116 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010888.D

Acq: 20 Jun 2019 13:21

Instrument :

MSVOA_W

ClientSampleId :

FK-SF-02-004-A

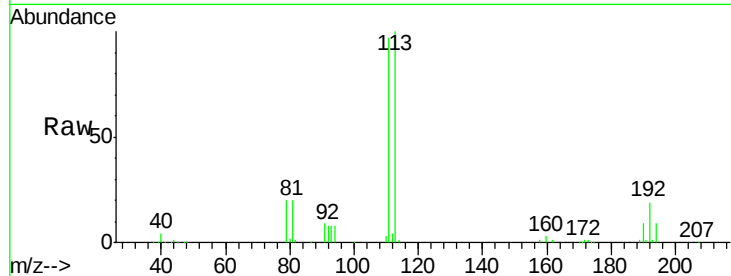
Tot Ion:113 Resp: 109579

Ion Ratio Lower Upper

113 100

111 101.4 82.6 123.8

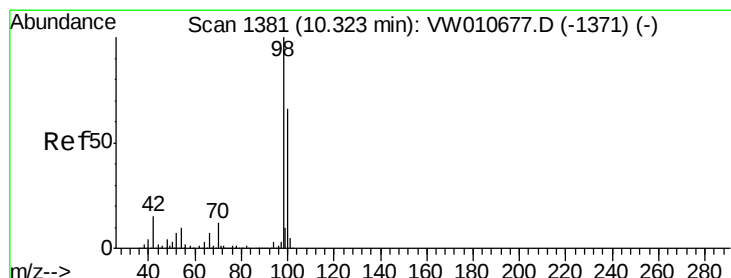
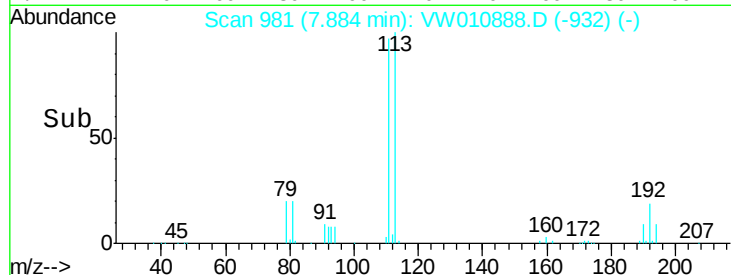
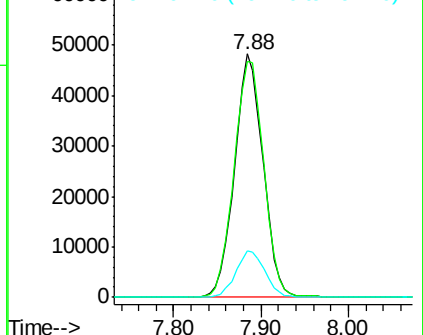
192 19.5 16.4 24.6



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: 51.574 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010888.D

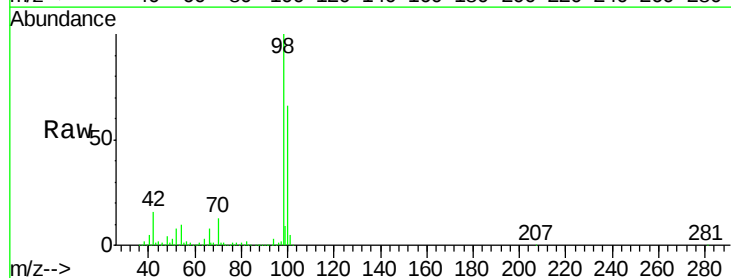
Acq: 20 Jun 2019 13:21

Tgt Ion: 98 Resp: 475522

Ion Ratio Lower Upper

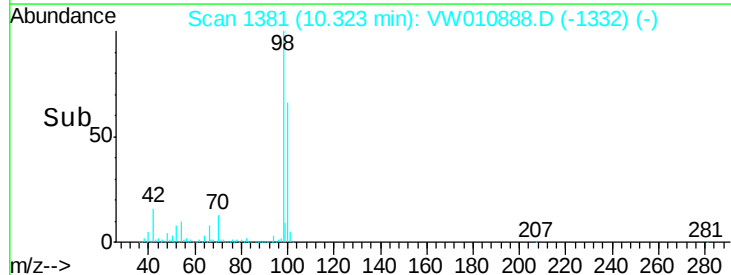
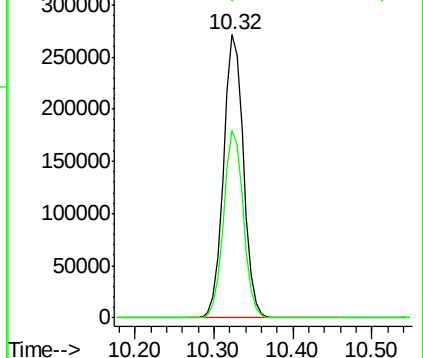
98 100

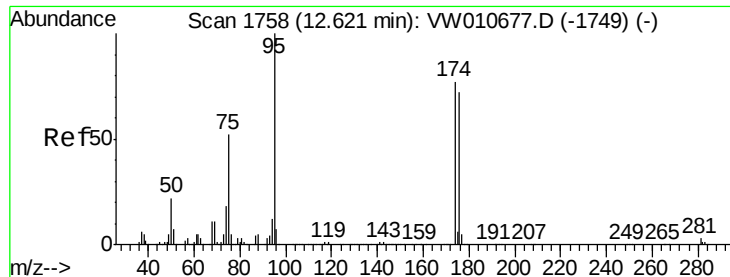
100 65.6 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 46.875 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010888.D

Acq: 20 Jun 2019 13:21

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FK-SF-02-004-A

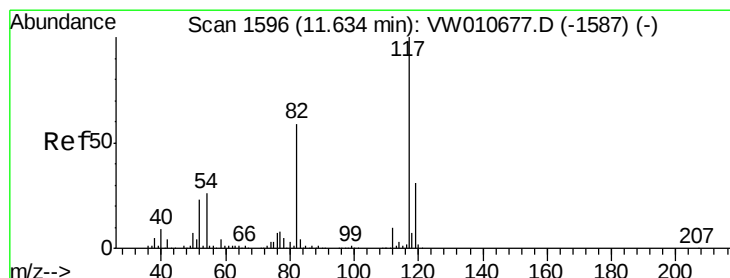
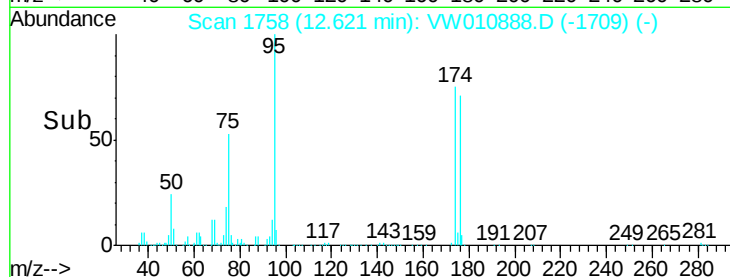
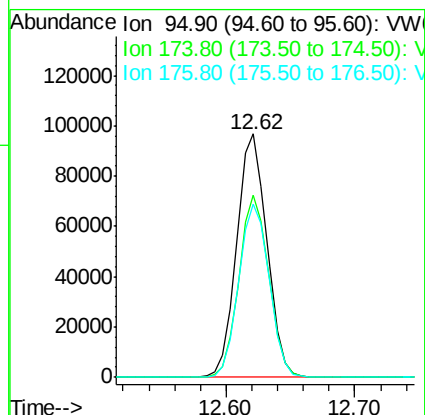
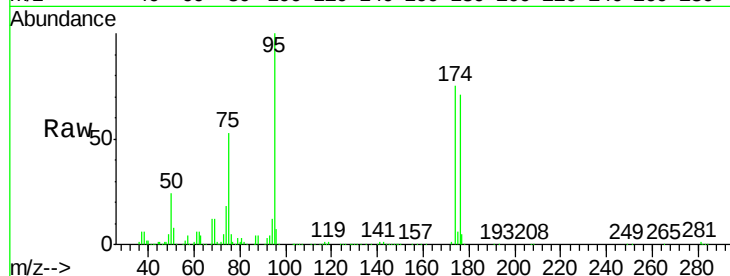
Tot Ion: 95 Resp: 157271

Ion Ratio Lower Upper

95 100

174 73.9 0.0 150.4

176 71.5 0.0 144.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW010888.D

Acq: 20 Jun 2019 13:21

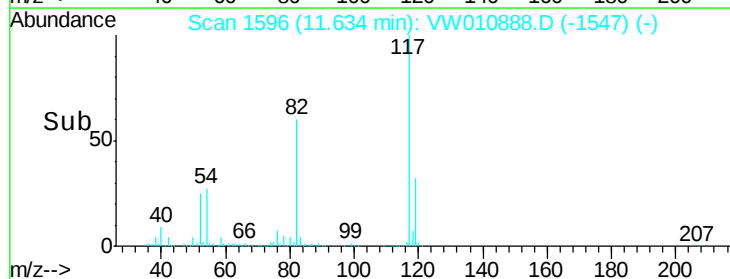
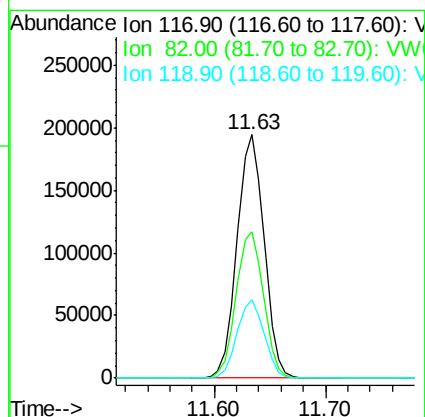
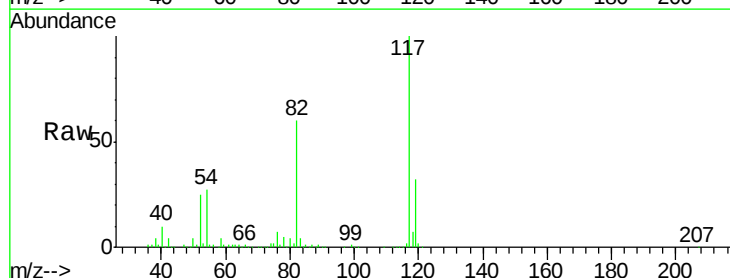
Tgt Ion: 117 Resp: 327171

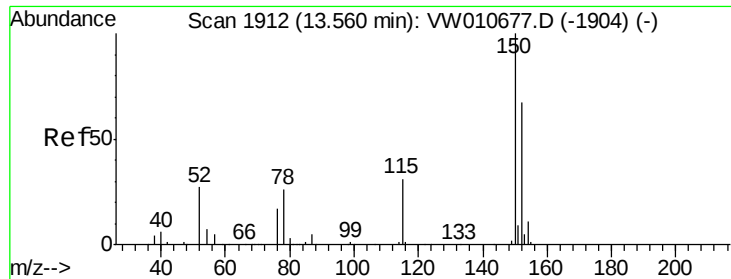
Ion Ratio Lower Upper

117 100

82 60.0 47.0 70.4

119 32.3 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010888.D

Acq: 20 Jun 2019 13:21

Instrument :

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ClientSampleId :

FK-SF-02-004-A

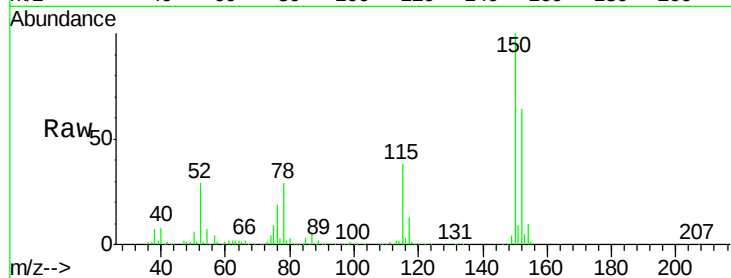
Tot Ion:152 Resp: 134773

Ion Ratio Lower Upper

152 100

115 59.8 29.8 89.3

150 156.3 0.0 345.0



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

