

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031119\
 Data File : VW009082.D
 Acq On : 11 Mar 2019 13:18
 Operator : SY/VA
 Sample : K1809-02
 Misc : 5.5G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-01-A0-B0-A0A-A0B

Quant Time: Mar 12 08:39:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

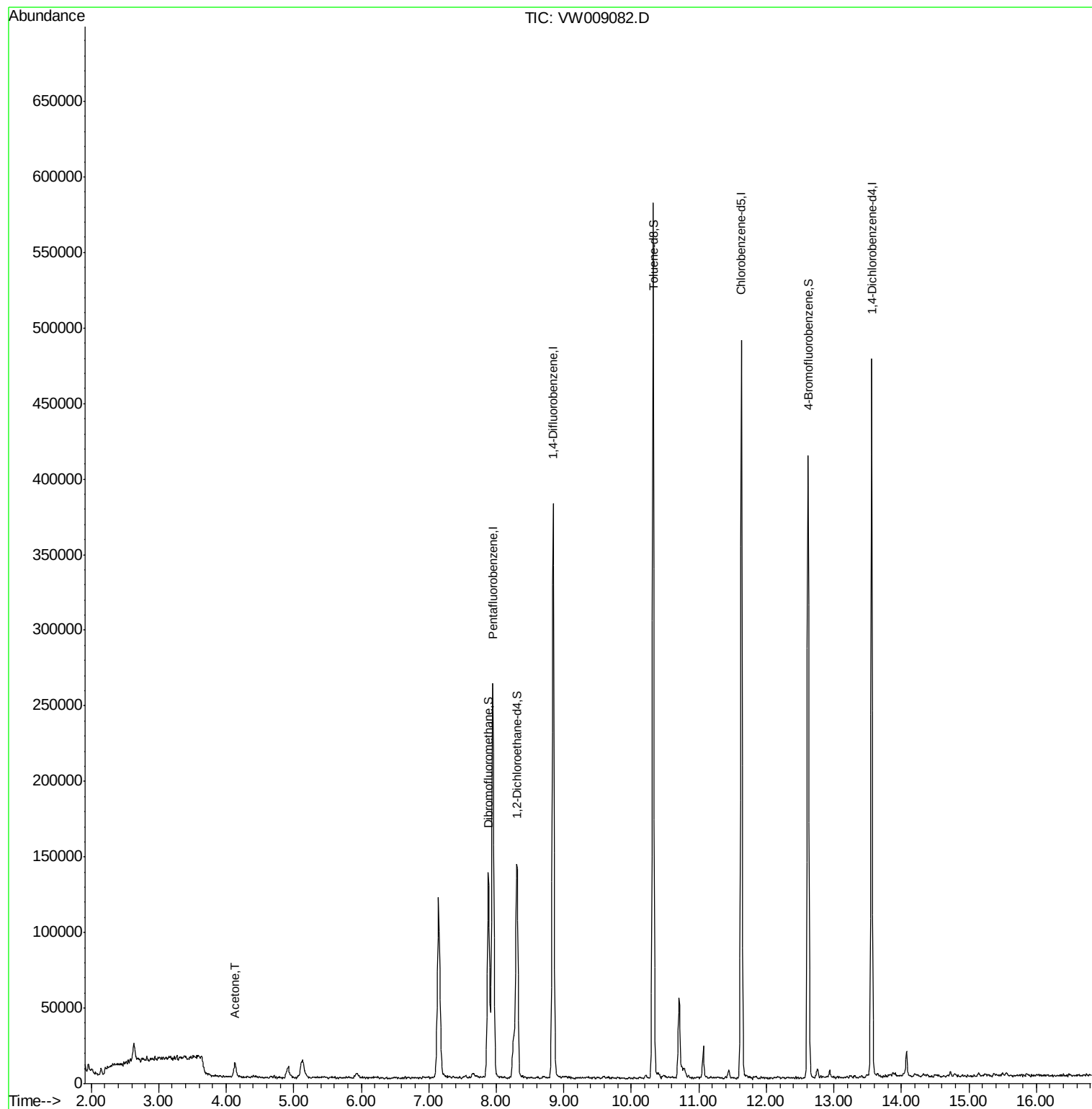
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	195877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	299801	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	264167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	117164	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	106350	53.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.94%	
35) Dibromofluoromethane	7.88	113	92692	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
50) Toluene-d8	10.32	98	360770	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
62) 4-Bromofluorobenzene	12.62	95	114789	39.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.66%	
Target Compounds						
16) Acetone	4.13	43	16093	36.188	ug/l	Qvalue 97

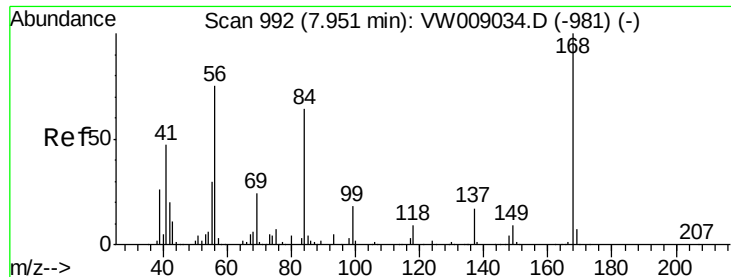
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 08 05:22:30 2019
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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: VW009082.D

Acq: 11 Mar 2019 13:18

Instrument :

MSVOA_W

ClientSampleId :

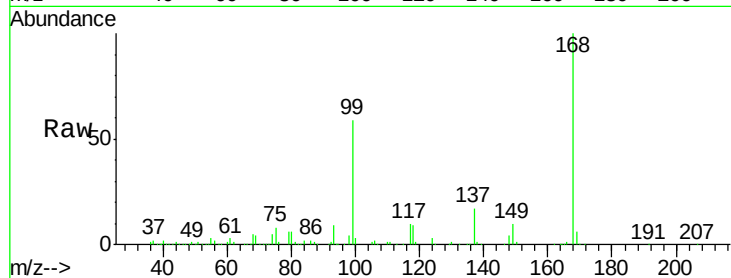
FK-BPM-01-A0-B0-A0A-A0B

Tot Ion:168 Resp: 195877

Ion Ratio Lower Upper

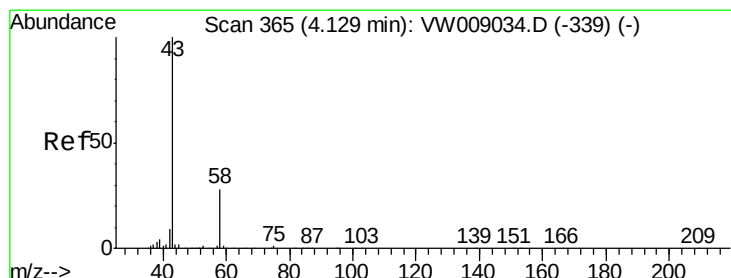
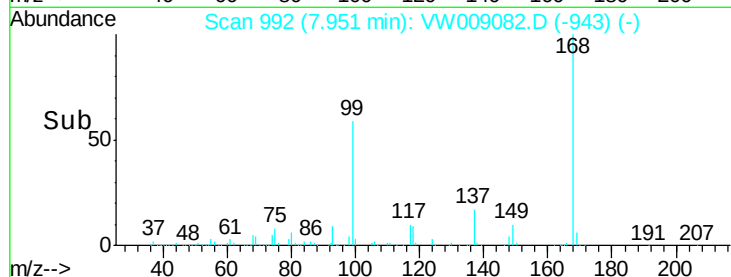
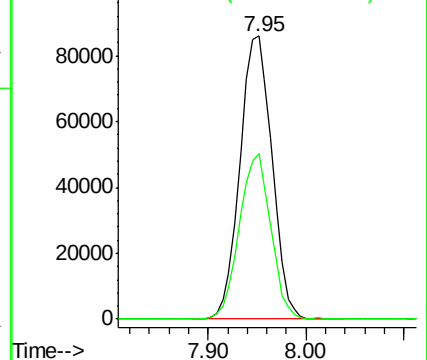
168 100

99 58.5 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 36.188 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW009082.D

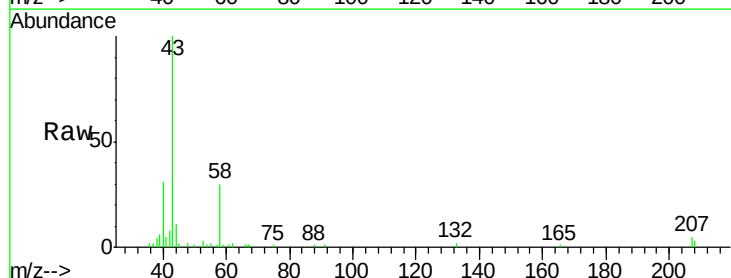
Acq: 11 Mar 2019 13:18

Tgt Ion: 43 Resp: 16093

Ion Ratio Lower Upper

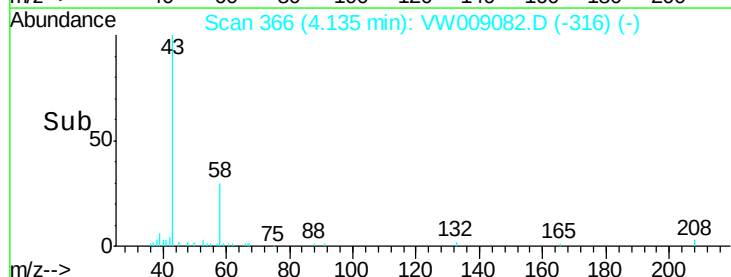
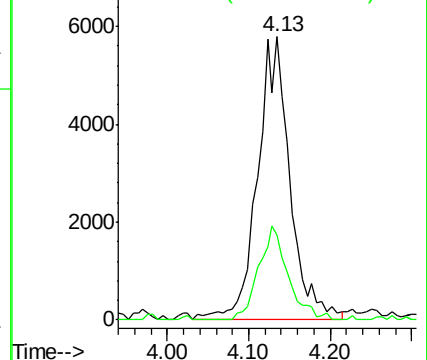
43 100

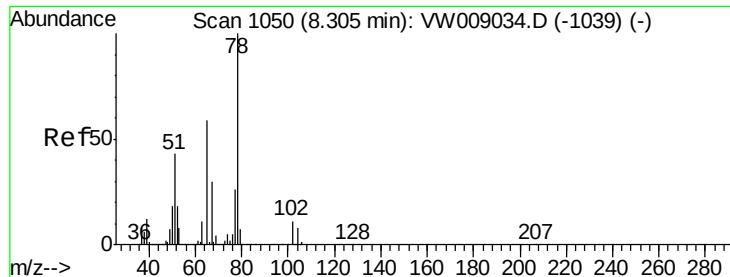
58 29.9 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#33

1,2-Dichloroethane-d4

Concen: 53.965 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW009082.D

Acq: 11 Mar 2019 13:18

Instrument :

MSVOA_W

ClientSampleId :

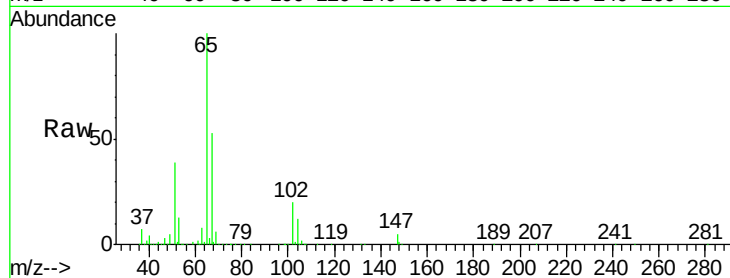
FK-BPM-01-A0-B0-A0A-A0B

Tot Ion: 65 Resp: 106350

Ion Ratio Lower Upper

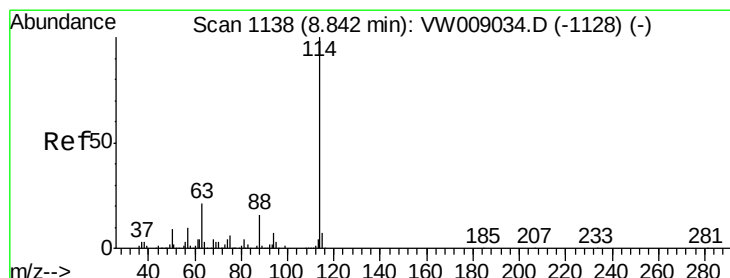
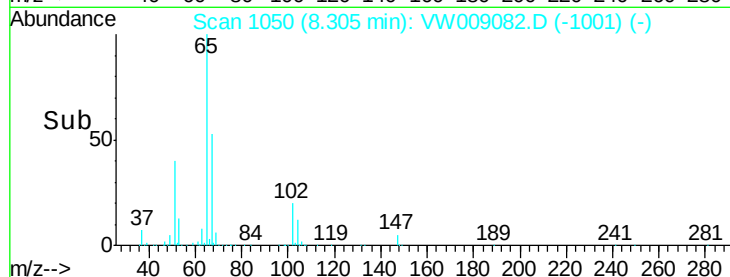
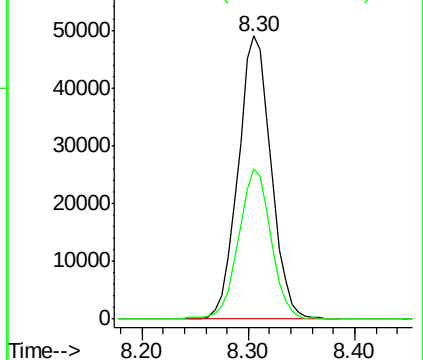
65 100

67 52.4 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW009082.D

Acq: 11 Mar 2019 13:18

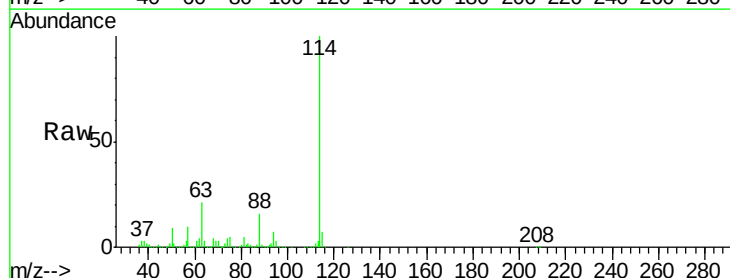
Tgt Ion: 114 Resp: 299801

Ion Ratio Lower Upper

114 100

63 21.1 0.0 41.2

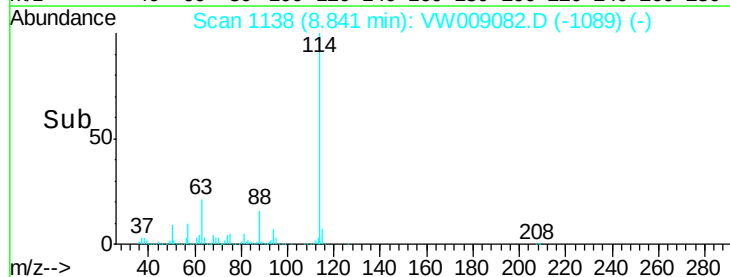
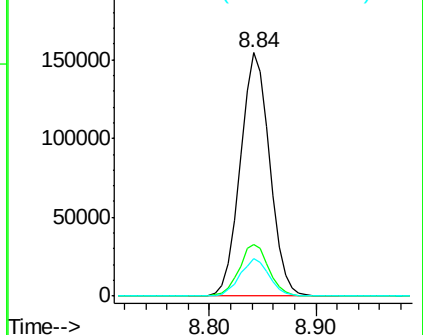
88 15.5 0.0 31.2

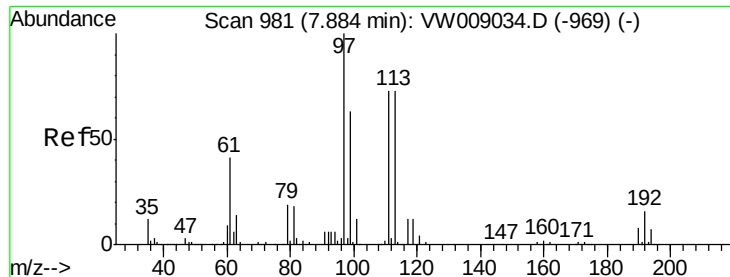


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 51.351 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW009082.D

Acq: 11 Mar 2019 13:18

Instrument :

MSVOA_W

ClientSampleId :

FK-BPM-01-A0-B0-A0A-A0B

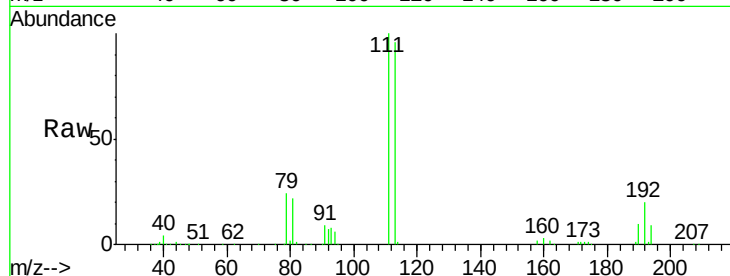
Tot Ion:113 Resp: 92692

Ion Ratio Lower Upper

113 100

111 103.5 81.0 121.4

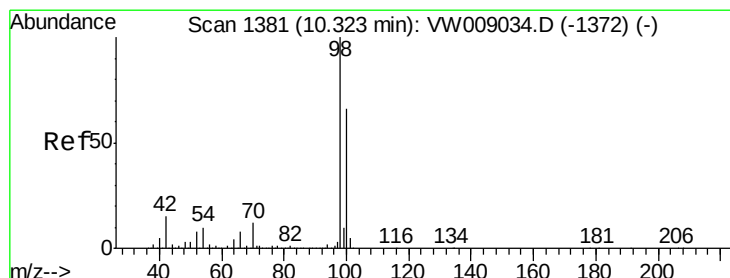
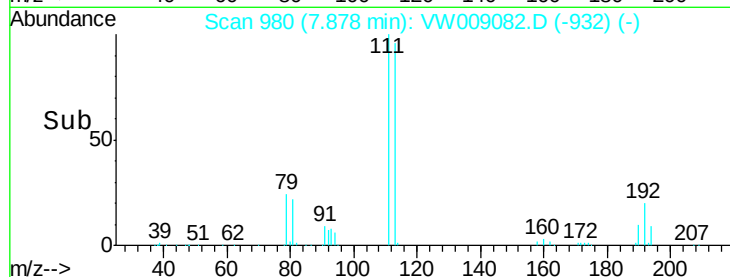
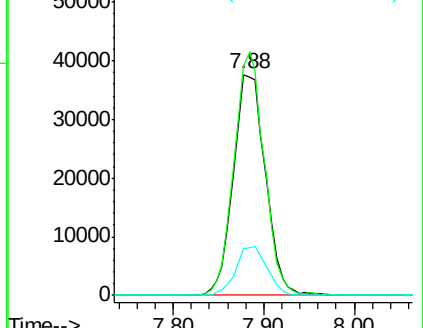
192 21.7 17.1 25.7



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: 48.663 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW009082.D

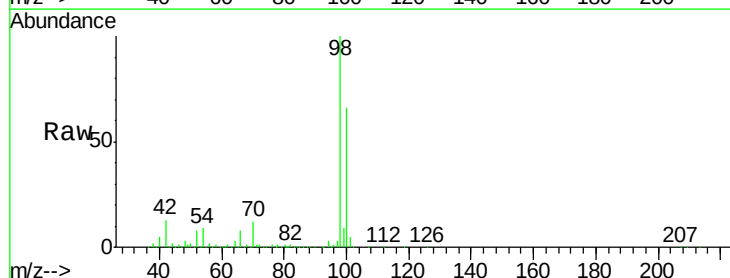
Acq: 11 Mar 2019 13:18

Tgt Ion: 98 Resp: 360770

Ion Ratio Lower Upper

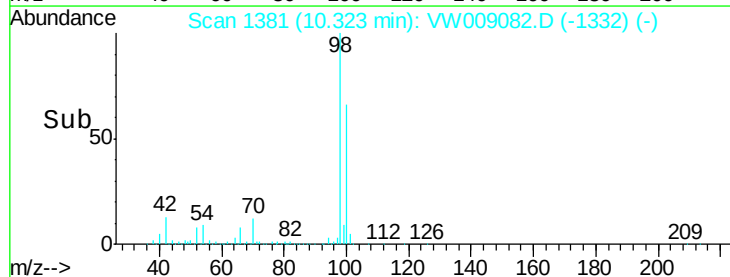
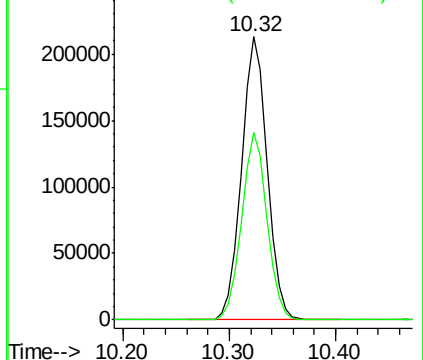
98 100

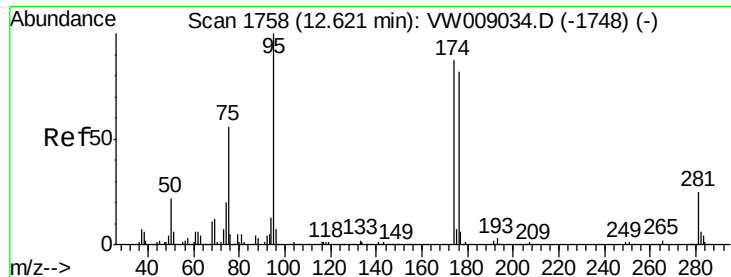
100 65.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 39.332 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW009082.D

Acq: 11 Mar 2019 13:18

Instrument :

MSVOA_W

ClientSampleId :

FK-BPM-01-A0-B0-A0A-A0B

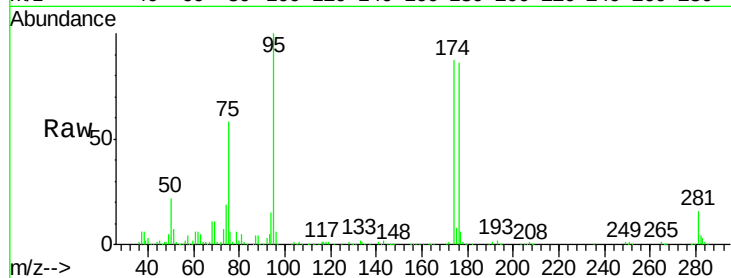
Tot Ion: 95 Resp: 114789

Ion Ratio Lower Upper

95 100

174 84.6 0.0 167.0

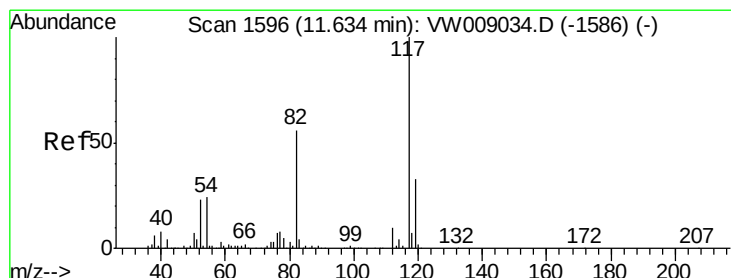
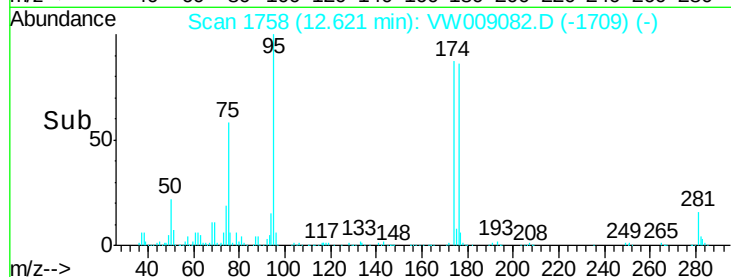
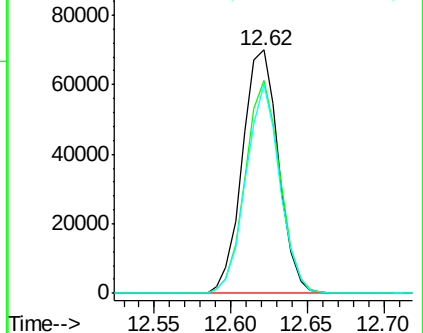
176 81.0 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW009082.D

Acq: 11 Mar 2019 13:18

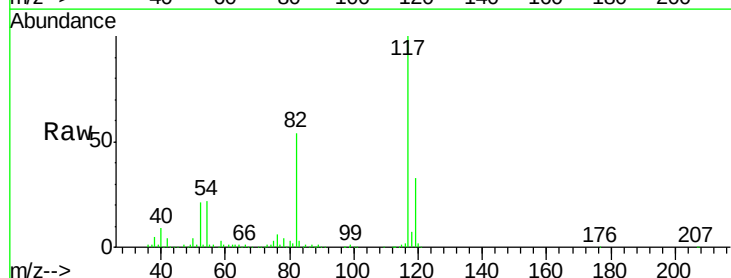
Tgt Ion: 117 Resp: 264167

Ion Ratio Lower Upper

117 100

82 53.8 45.0 67.6

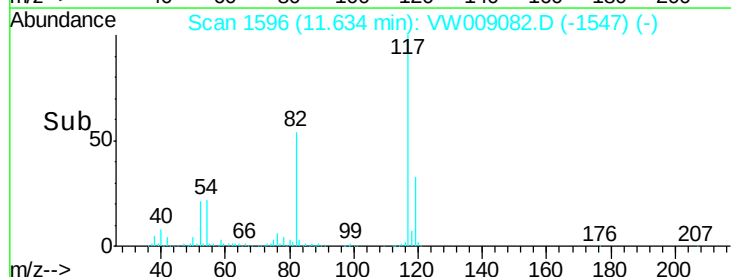
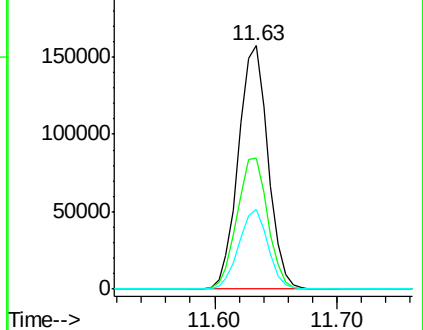
119 32.7 26.6 39.8

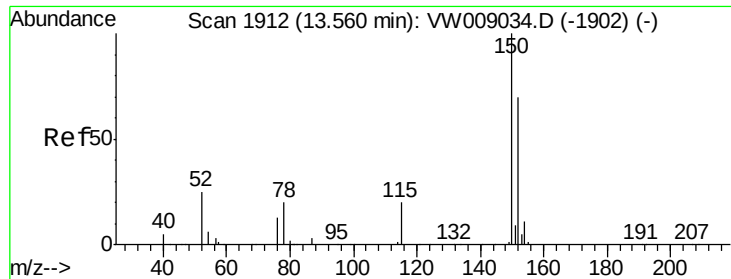


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW009082.D

Acq: 11 Mar 2019 13:18

Instrument :

MSVOA_W

ClientSampleId :

FK-BPM-01-A0-B0-A0A-A0B

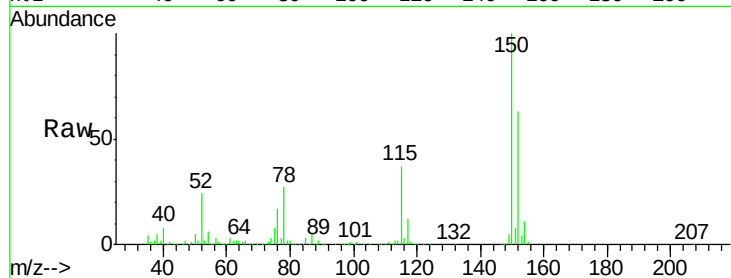
Tot Ion:152 Resp: 117164

Ion Ratio Lower Upper

152 100

115 57.6 28.9 86.7

150 154.8 0.0 349.2



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

