

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031119\
 Data File : VW009081.D
 Acq On : 11 Mar 2019 12:51
 Operator : SY/VA
 Sample : K1808-02
 Misc : 4.80G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-01-AA0-BB0-AA0A-BB0A

Quant Time: Mar 12 08:38:27 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

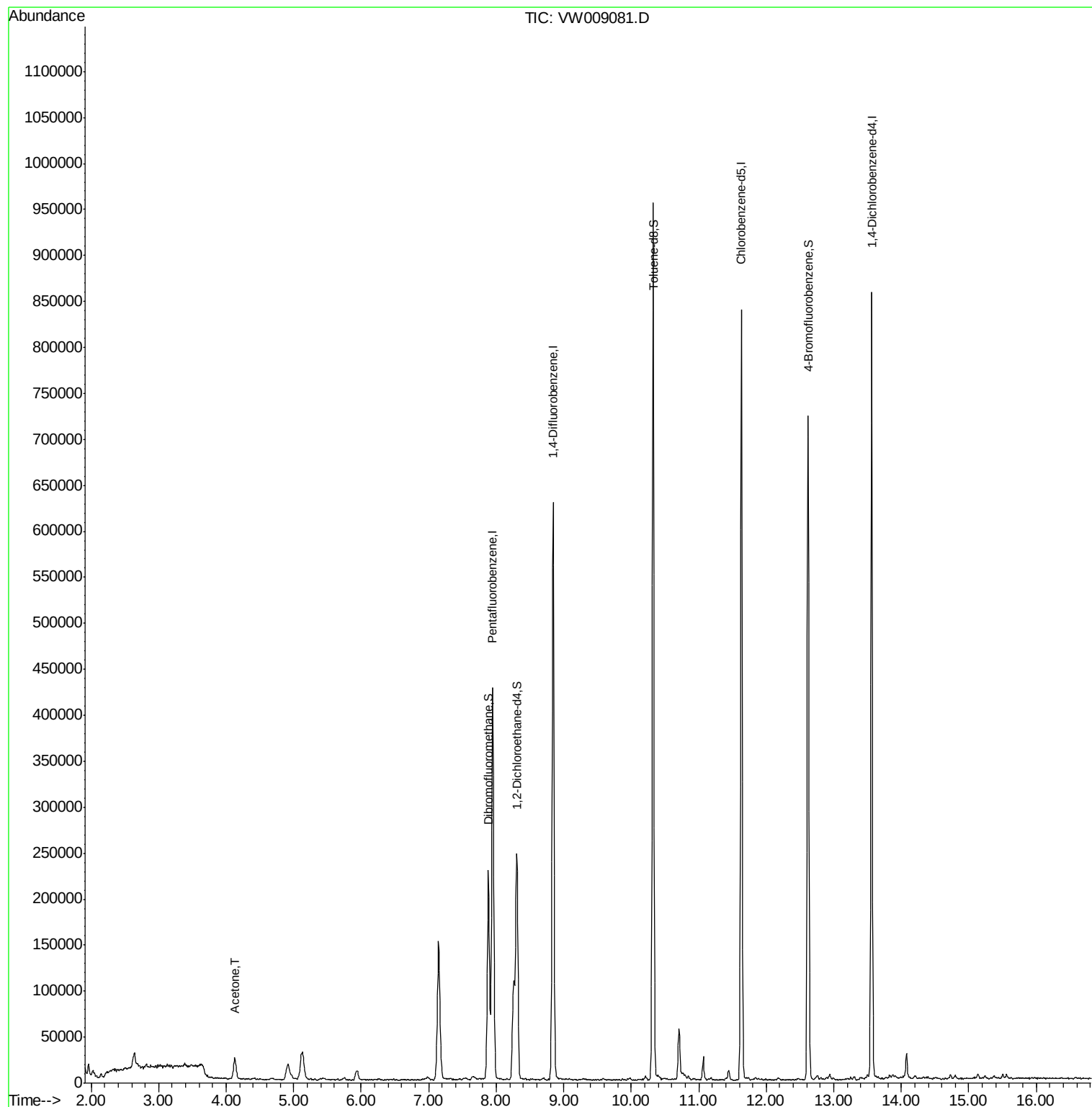
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	317484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	500130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	445498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	206572	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	185528	58.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.16%	
35) Dibromofluoromethane	7.88	113	149468	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
50) Toluene-d8	10.32	98	599363	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
62) 4-Bromofluorobenzene	12.62	95	201350	41.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.72%	
Target Compounds						
16) Acetone	4.13	43	41744	57.914	ug/l	Qvalue 98

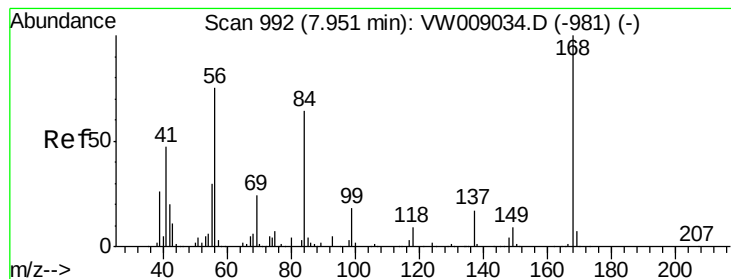
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW009081.D

Acq: 11 Mar 2019 12:51

Instrument :

MSVOA_W

ClientSampleId :

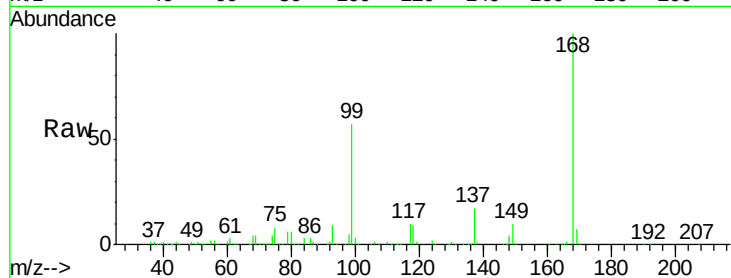
FK-BPM-01-AA0-BB0-AA0A-BB0A

Tot Ion:168 Resp: 317484

Ion Ratio Lower Upper

168 100

99 57.4 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

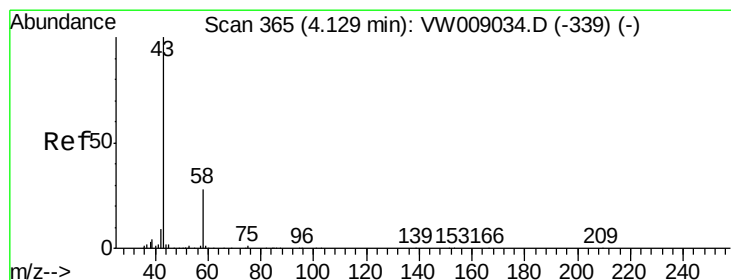
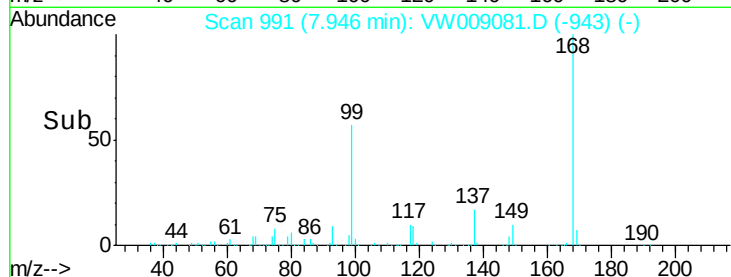
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 57.914 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW009081.D

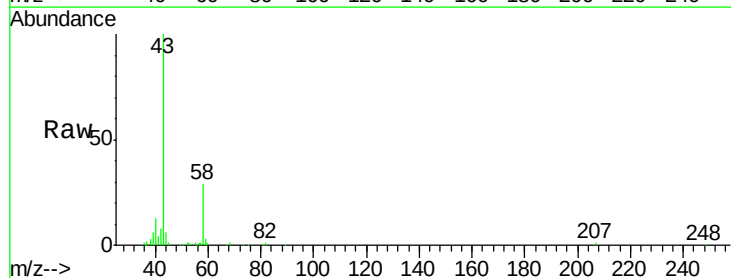
Acq: 11 Mar 2019 12:51

Tgt Ion: 43 Resp: 41744

Ion Ratio Lower Upper

43 100

58 28.9 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

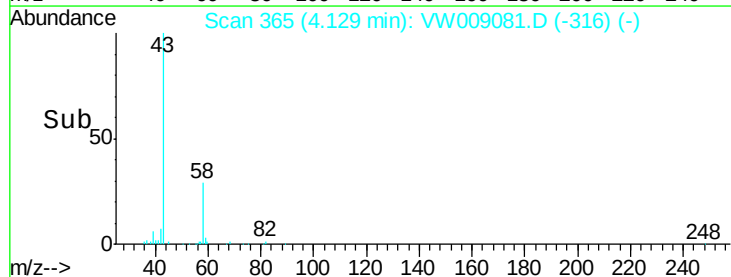
15000

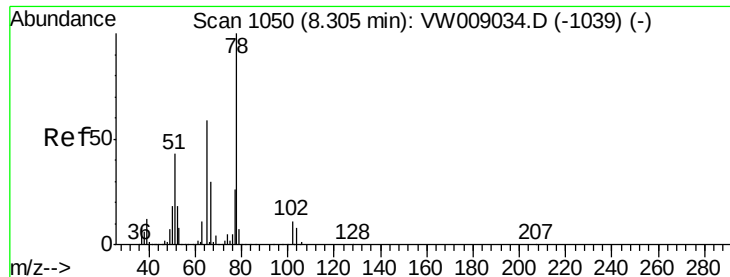
10000

5000

0

Time--> 4.00 4.10 4.20

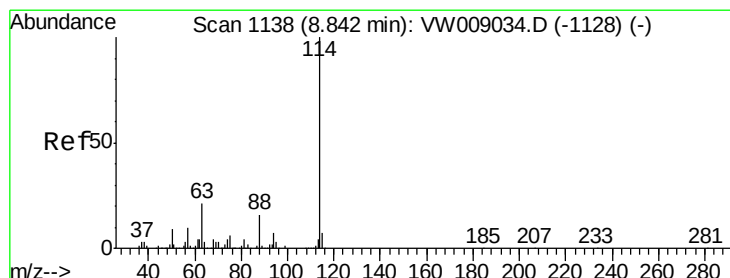
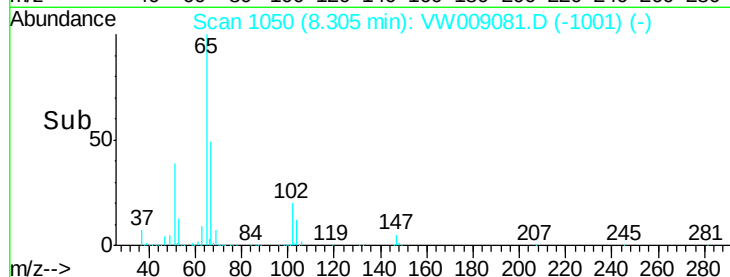
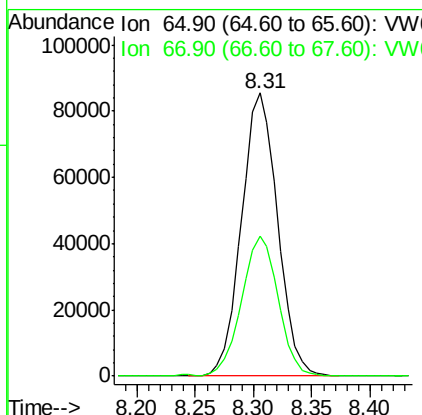
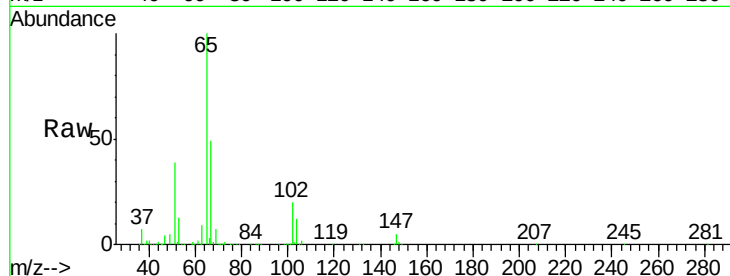




#33
 1,2-Dichloroethane-d4
 Concen: 58.083 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW009081.D
 Acq: 11 Mar 2019 12:51

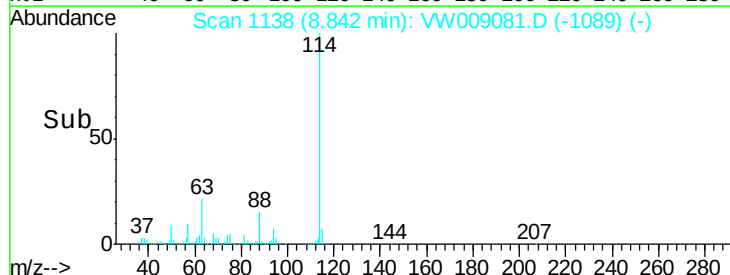
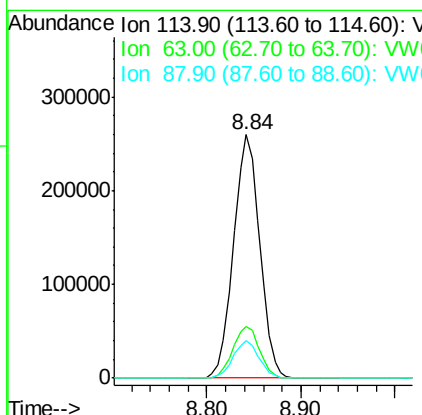
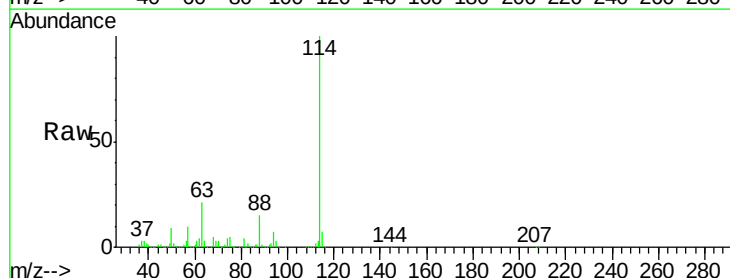
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-01-AA0-BB0-AA0A-BB0A

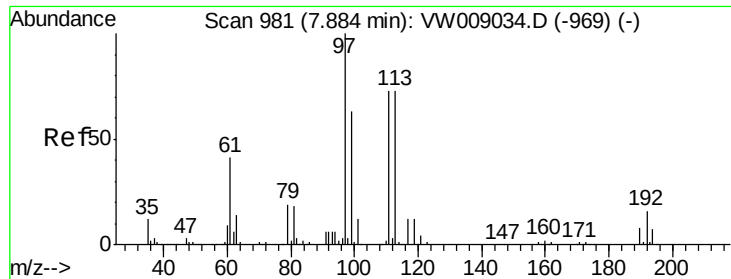
Tot Ion: 65 Resp: 185528
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009081.D
 Acq: 11 Mar 2019 12:51

Tgt Ion: 114 Resp: 500130
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.2
 88 15.3 0.0 31.2

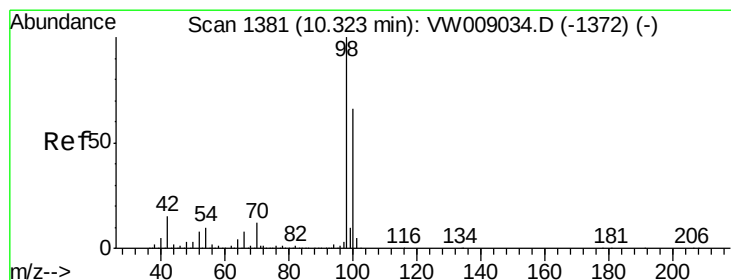
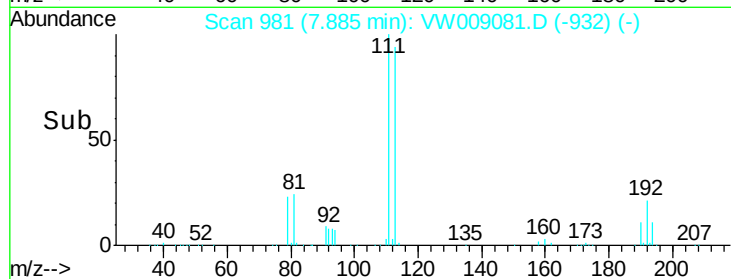
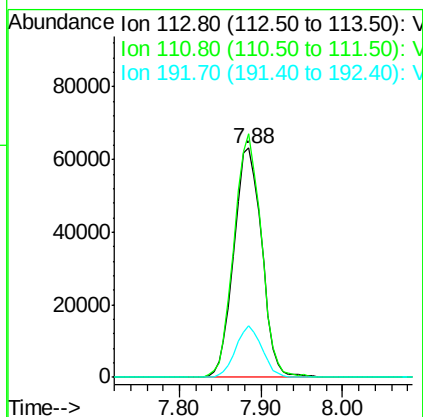
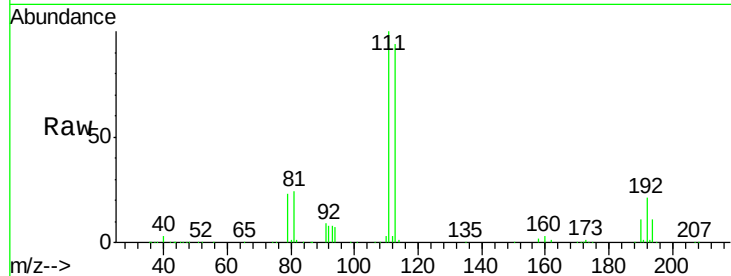




#35
 Dibromofluoromethane
 Concen: 49.637 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW009081.D
 Acq: 11 Mar 2019 12:51

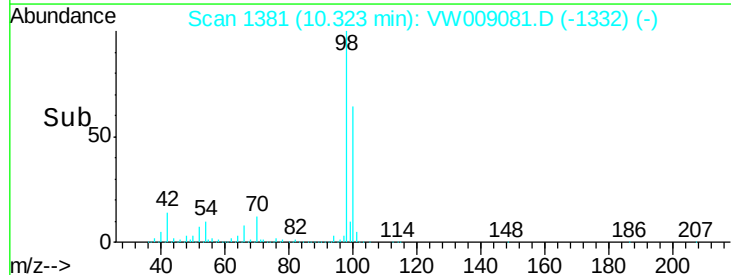
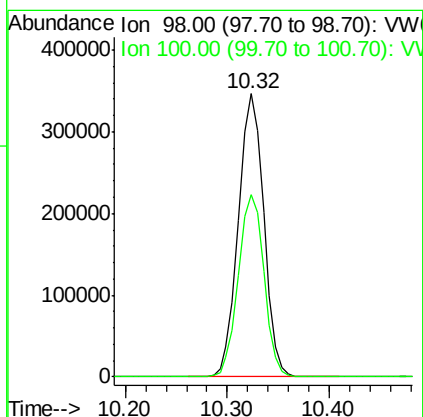
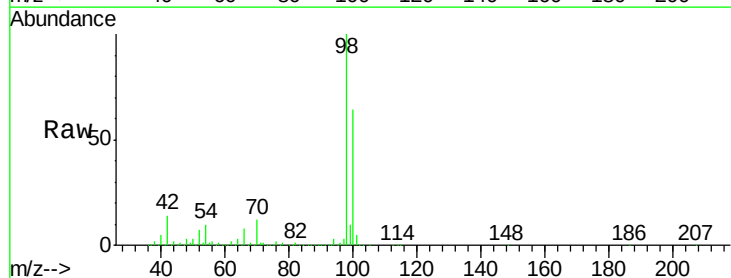
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-BPM-01-AA0-BB0-AA0A-BB0A

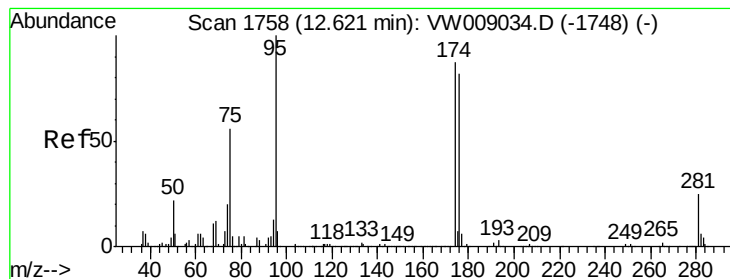
Tot Ion:113 Resp: 149468
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.0 121.4
 192 21.2 17.1 25.7



#50
 Toluene-d8
 Concen: 48.462 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW009081.D
 Acq: 11 Mar 2019 12:51

Tgt Ion: 98 Resp: 599363
 Ion Ratio Lower Upper
 98 100
 100 64.9 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 41.357 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009081.D

Acq: 11 Mar 2019 12:51

Instrument :

MSVOA_W

ClientSampleId :

FK-BPM-01-AA0-BB0-AA0A-BB0A

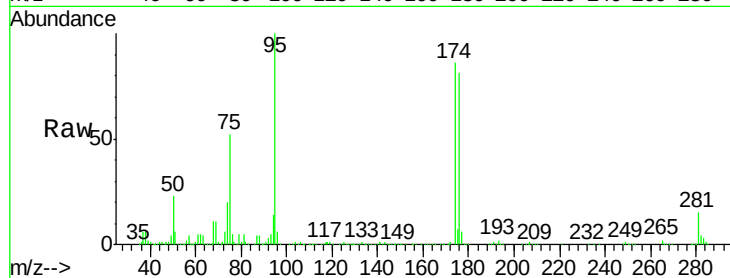
Tot Ion: 95 Resp: 201350

Ion Ratio Lower Upper

95 100

174 86.0 0.0 167.0

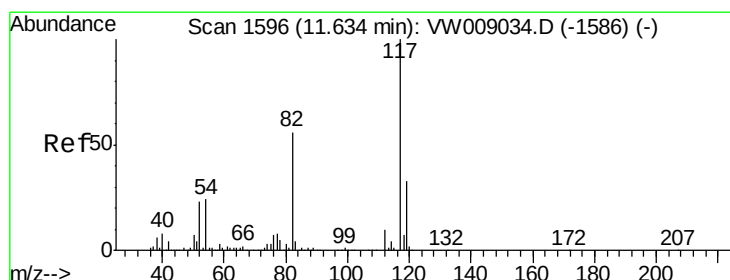
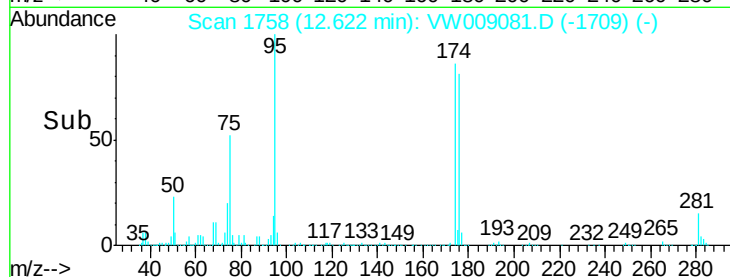
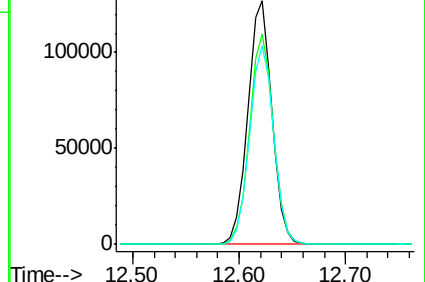
176 81.9 0.0 159.4



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: VW009081.D

Acq: 11 Mar 2019 12:51

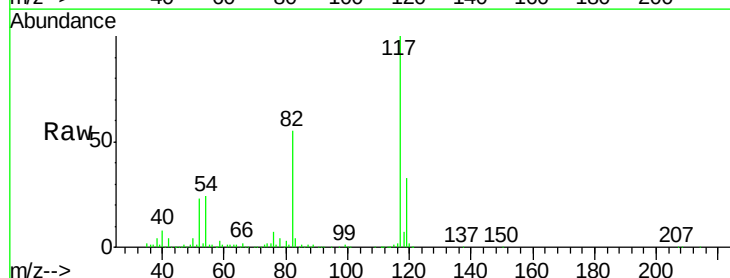
Tgt Ion: 117 Resp: 445498

Ion Ratio Lower Upper

117 100

82 54.6 45.0 67.6

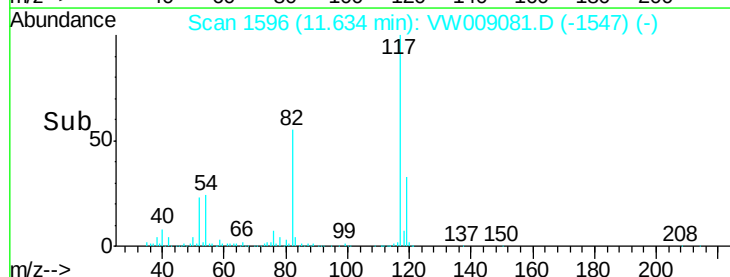
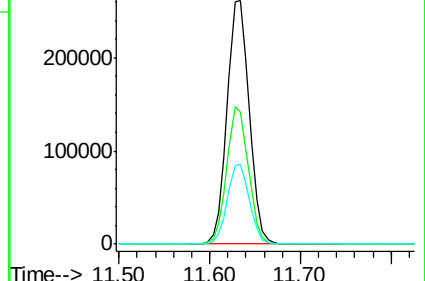
119 32.7 26.6 39.8

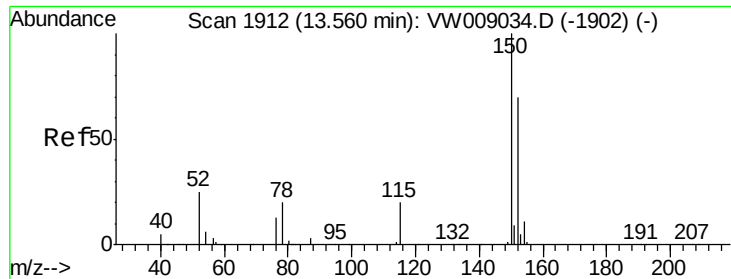


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW009081.D

Acq: 11 Mar 2019 12:51

Instrument :

MSVOA_W

ClientSampleId :

FK-BPM-01-AA0-BB0-AA0A-BB0A

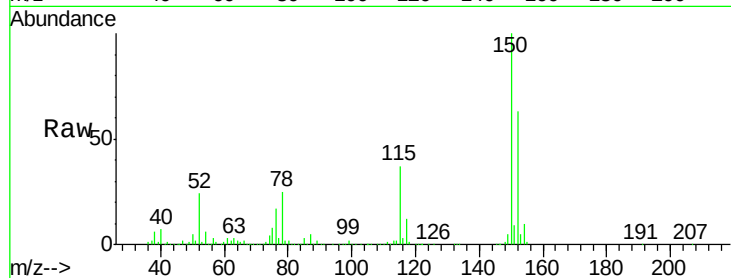
Tot Ion:152 Resp: 206572

Ion Ratio Lower Upper

152 100

115 58.0 28.9 86.7

150 157.8 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

