

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030819\
 Data File : VD060991.D
 Acq On : 8 Mar 2019 18:43
 Operator : VA/AP
 Sample : K1809-02
 Misc : 5.23g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Mar 09 00:44:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

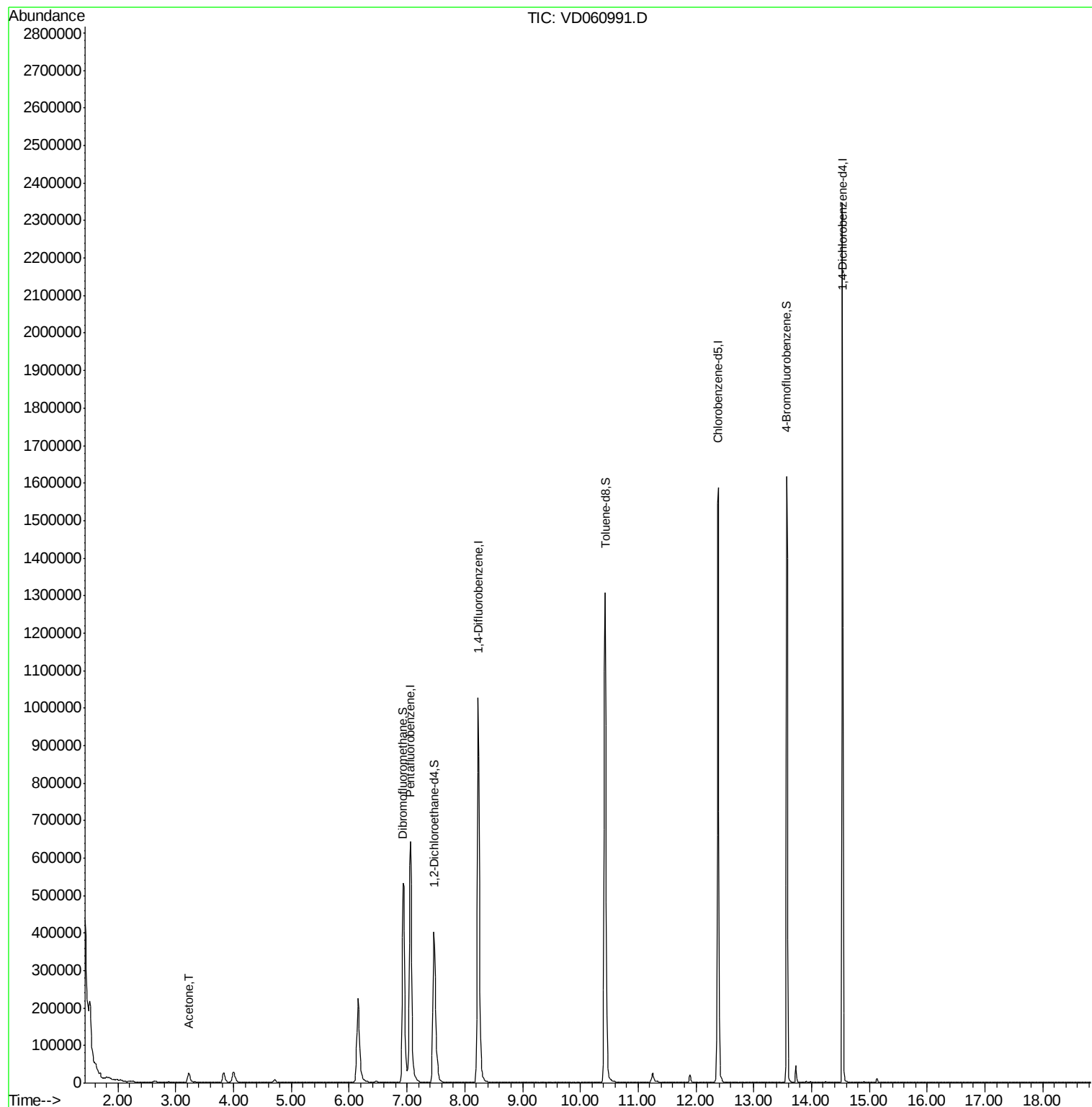
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	659822	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1273060	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.39	117	1085736	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	508411	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	374483	68.18	ug/l	0.02
Spiked Amount 50.000			Recovery	=	136.36%	
35) Dibromofluoromethane	6.93	113	532197	56.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.66%	
50) Toluene-d8	10.43	98	1172003	49.40	ug/l	0.03
Spiked Amount 50.000			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	13.57	95	539568	58.61	ug/l	0.02
Spiked Amount 50.000			Recovery	=	117.22%	
Target Compounds						
16) Acetone	3.22	43	53902	34.320	ug/l	Qvalue 92

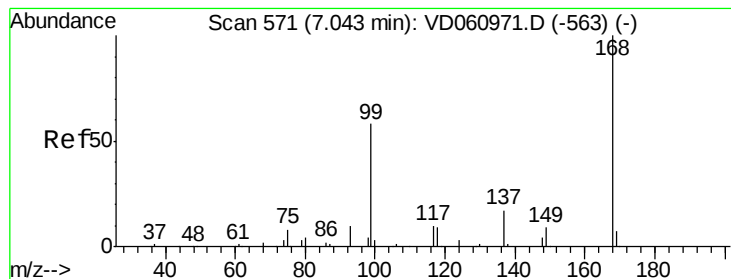
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.02 min

Lab File: VD060991.D

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ClientSampleId :

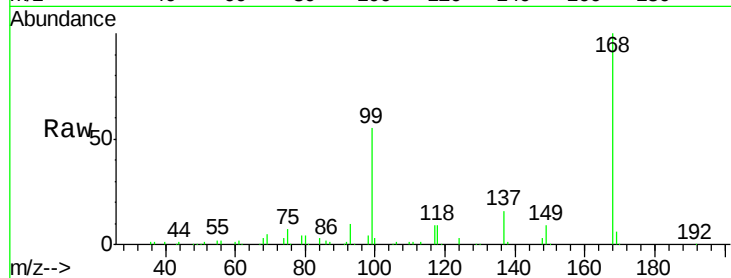
FK-BPM-01-A0-B0-A0A-A0B

Tot Ion:168 Resp: 659822

Ion Ratio Lower Upper

168 100

99 55.3 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

250000

200000

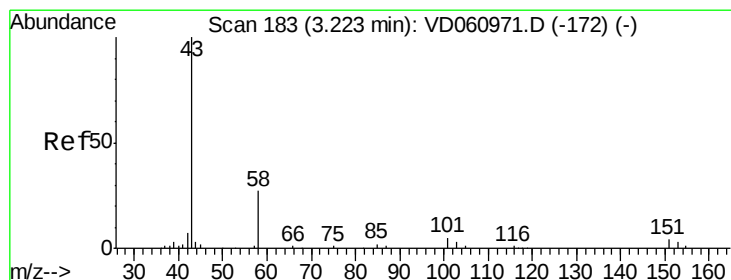
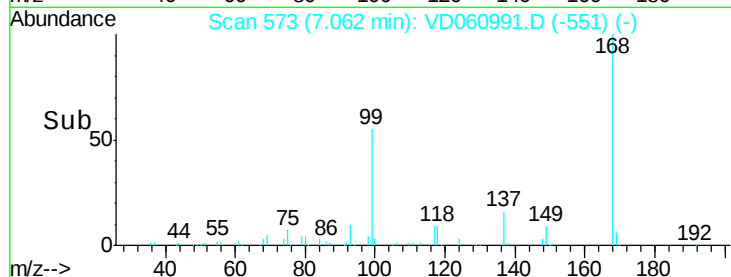
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 34.320 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD060991.D

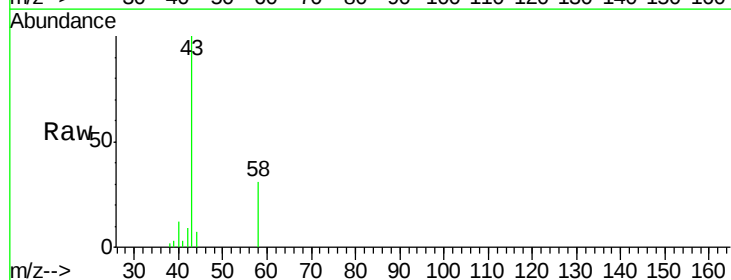
Acq: 8 Mar 2019 18:43

Tgt Ion: 43 Resp: 53902

Ion Ratio Lower Upper

43 100

58 31.2 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

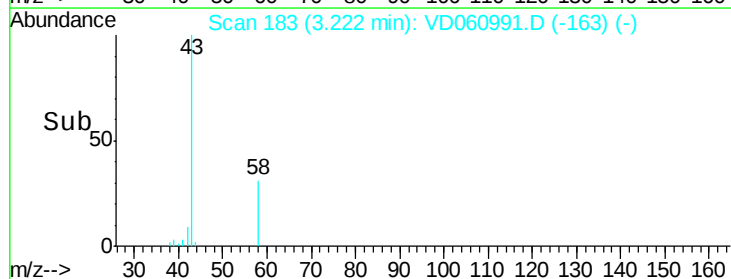
15000

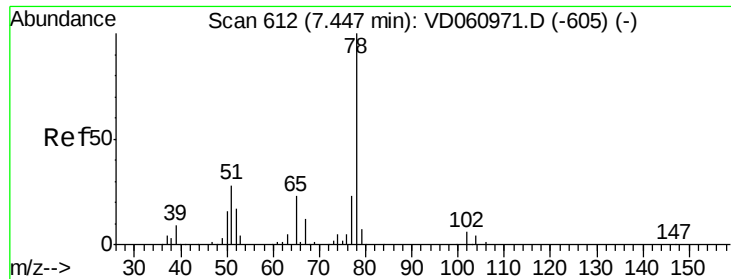
10000

5000

0

Time--> 3.10 3.20 3.30 3.40

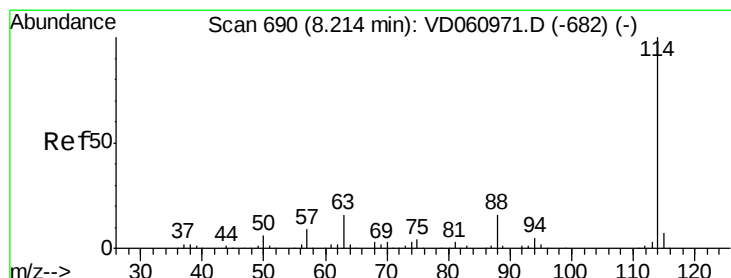
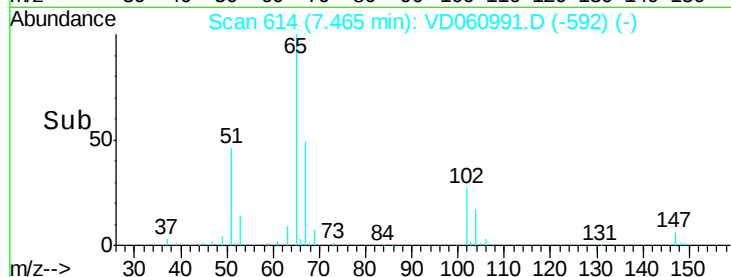
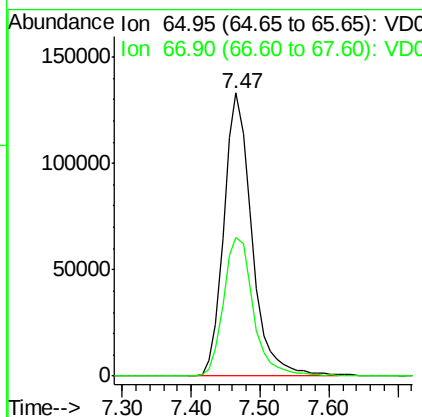
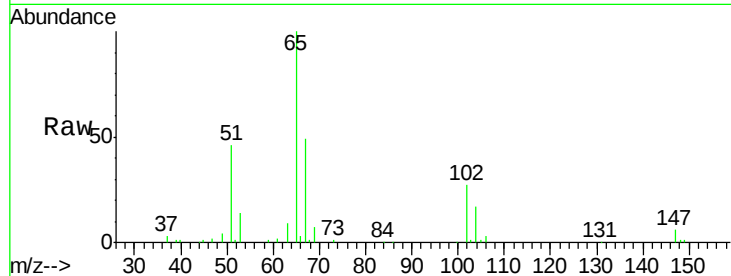




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.02 min
 Lab File: VD060991.D
 Acq: 8 Mar 2019 18:43

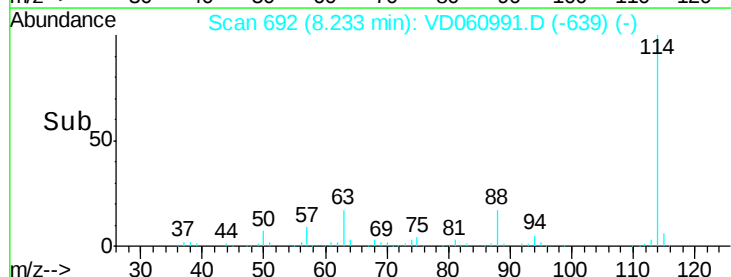
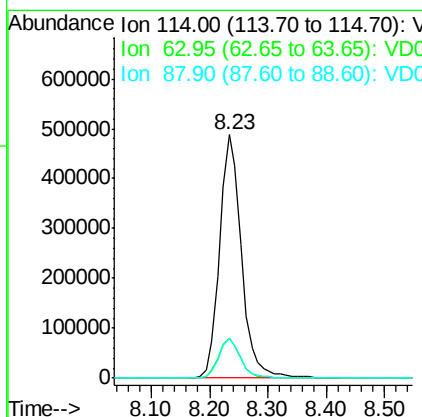
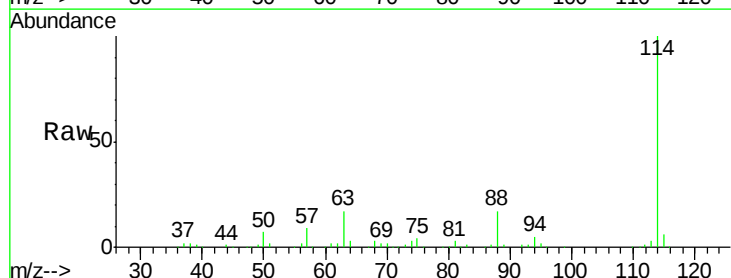
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-01-A0-B0-A0A-A0B

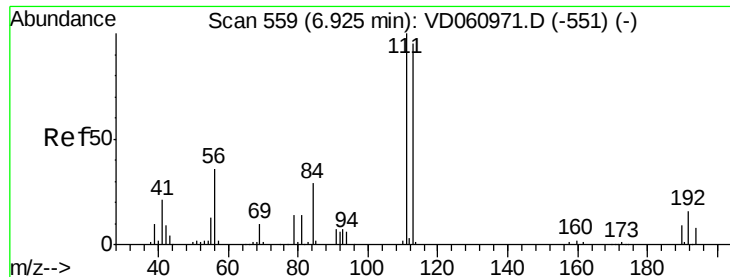
Tot Ion: 65 Resp: 374483
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.02 min
 Lab File: VD060991.D
 Acq: 8 Mar 2019 18:43

Tgt Ion: 114 Resp: 1273060
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 31.4
 88 16.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.93 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD060991.D

Acq: 8 Mar 2019 18:43

Instrument :

MSVOA_D

ClientSampleId :

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

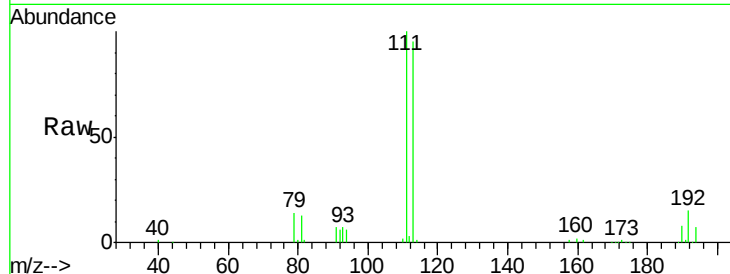
Tot Ion:113 Resp: 532197

Ion Ratio Lower Upper

113 100

111 105.3 84.2 126.4

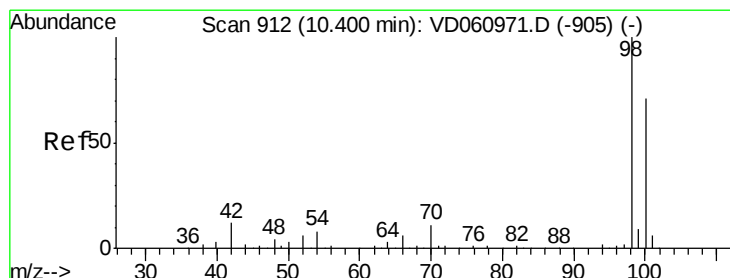
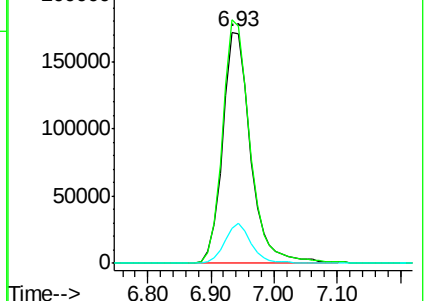
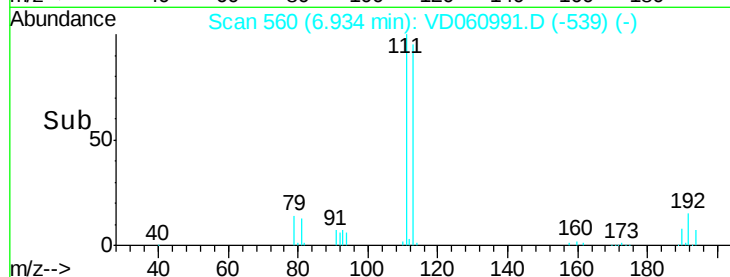
192 15.4 13.1 19.7



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD060991.D

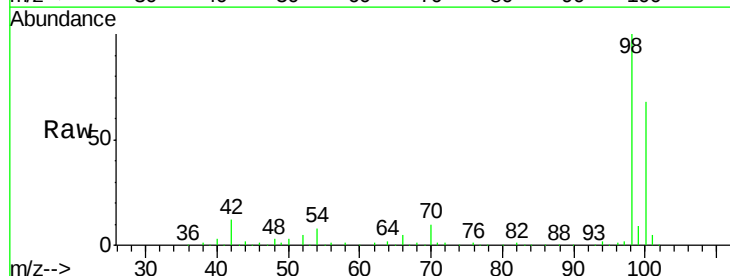
Acq: 8 Mar 2019 18:43

Tgt Ion: 98 Resp: 1172003

Ion Ratio Lower Upper

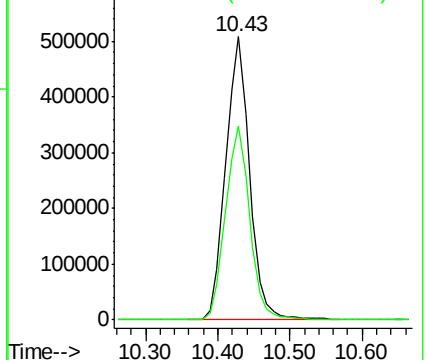
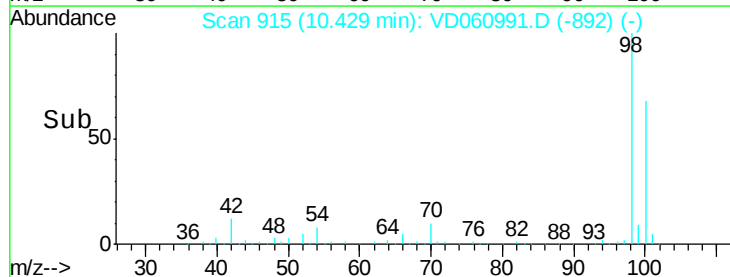
98 100

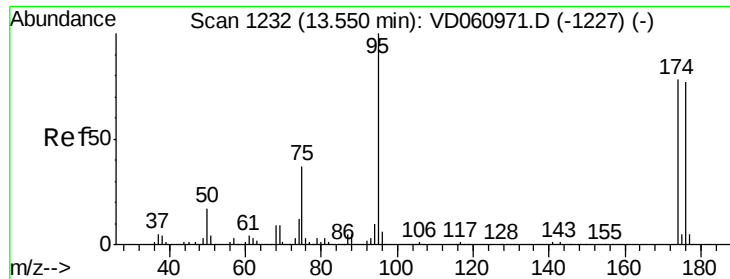
100 68.4 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

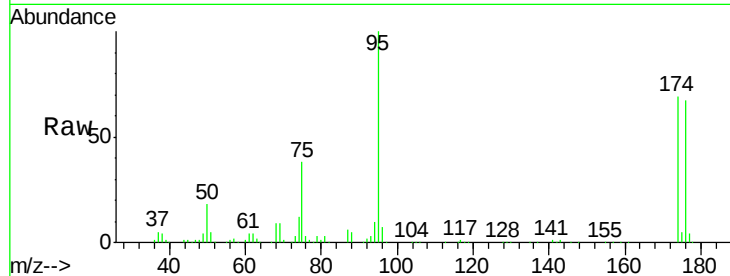




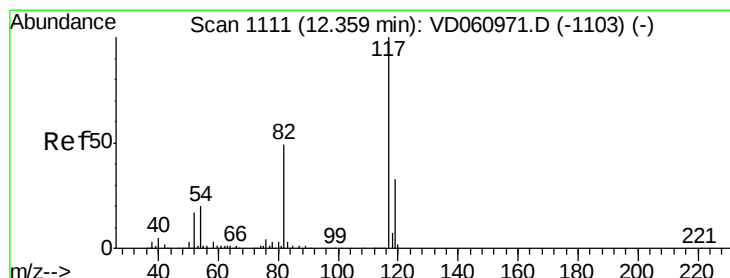
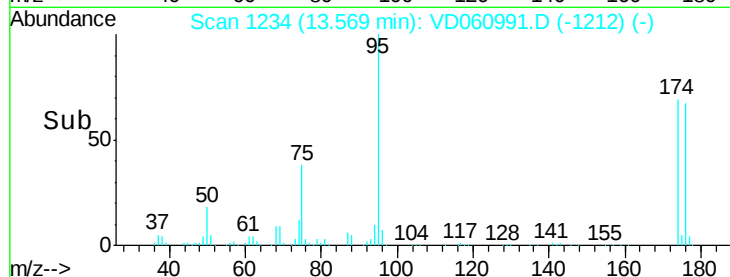
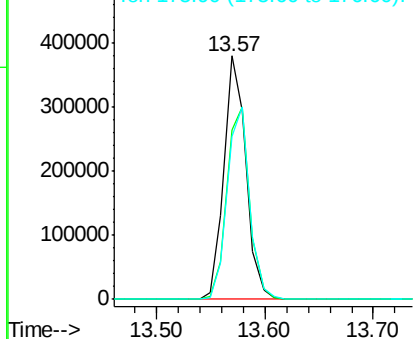
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.02 min
Lab File: VD060991.D
Acq: 8 Mar 2019 18:43

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

Tot Ion: 95 Resp: 539568
Ion Ratio Lower Upper
95 100
174 69.3 0.0 155.6
176 67.0 0.0 153.8

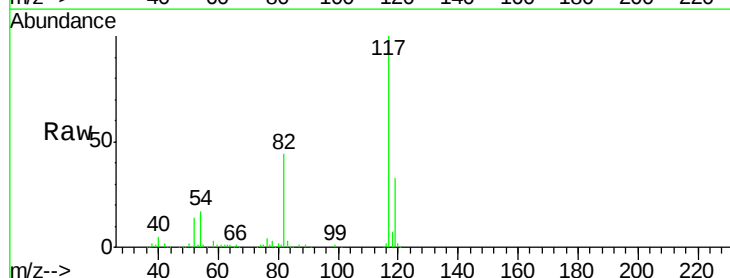


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

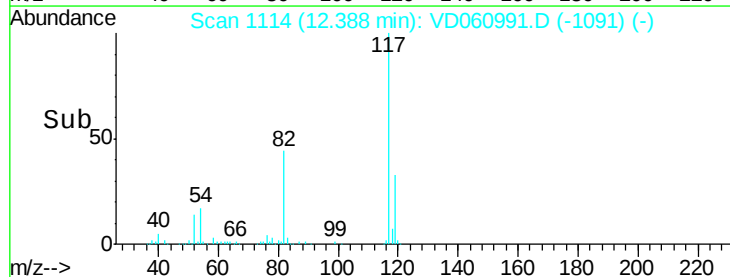
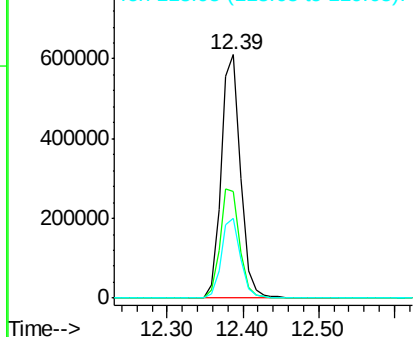


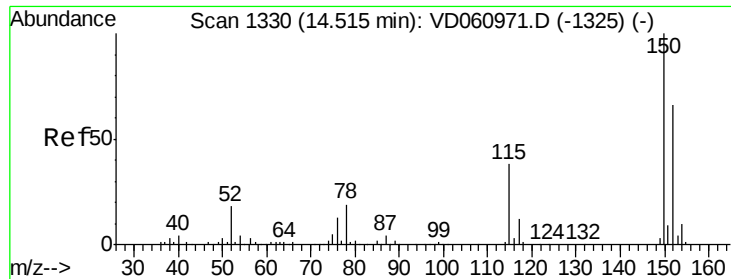
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. 0.03 min
Lab File: VD060991.D
Acq: 8 Mar 2019 18:43

Tgt Ion: 117 Resp: 1085736
Ion Ratio Lower Upper
117 100
82 44.0 38.9 58.3
119 32.8 26.6 39.8



Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1332

Delta R.T. 0.02 min

Lab File: VD060991.D

Acq: 8 Mar 2019 18:43

Instrument :

MSVOA_D

ClientSampleId :

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

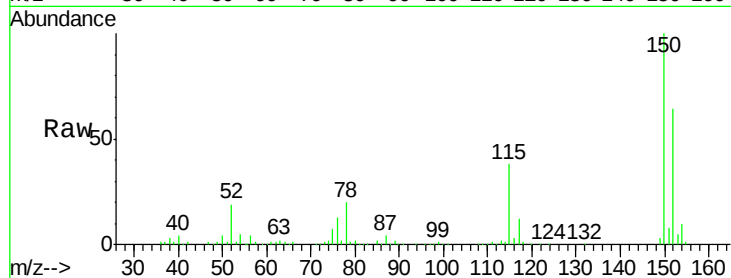
Tot Ion:152 Resp: 508411

Ion Ratio Lower Upper

152 100

115 60.3 28.6 85.9

150 156.9 0.0 310.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

