

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020119\
 Data File : VD060830.D
 Acq On : 1 Feb 2019 20:22
 Operator : VA/AP
 Sample : K1362-02RE
 Misc : 3.36g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-03-005-ABCDRE

Quant Time: Feb 02 02:16:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 29 13:53:55 2019
 Response via : Initial Calibration

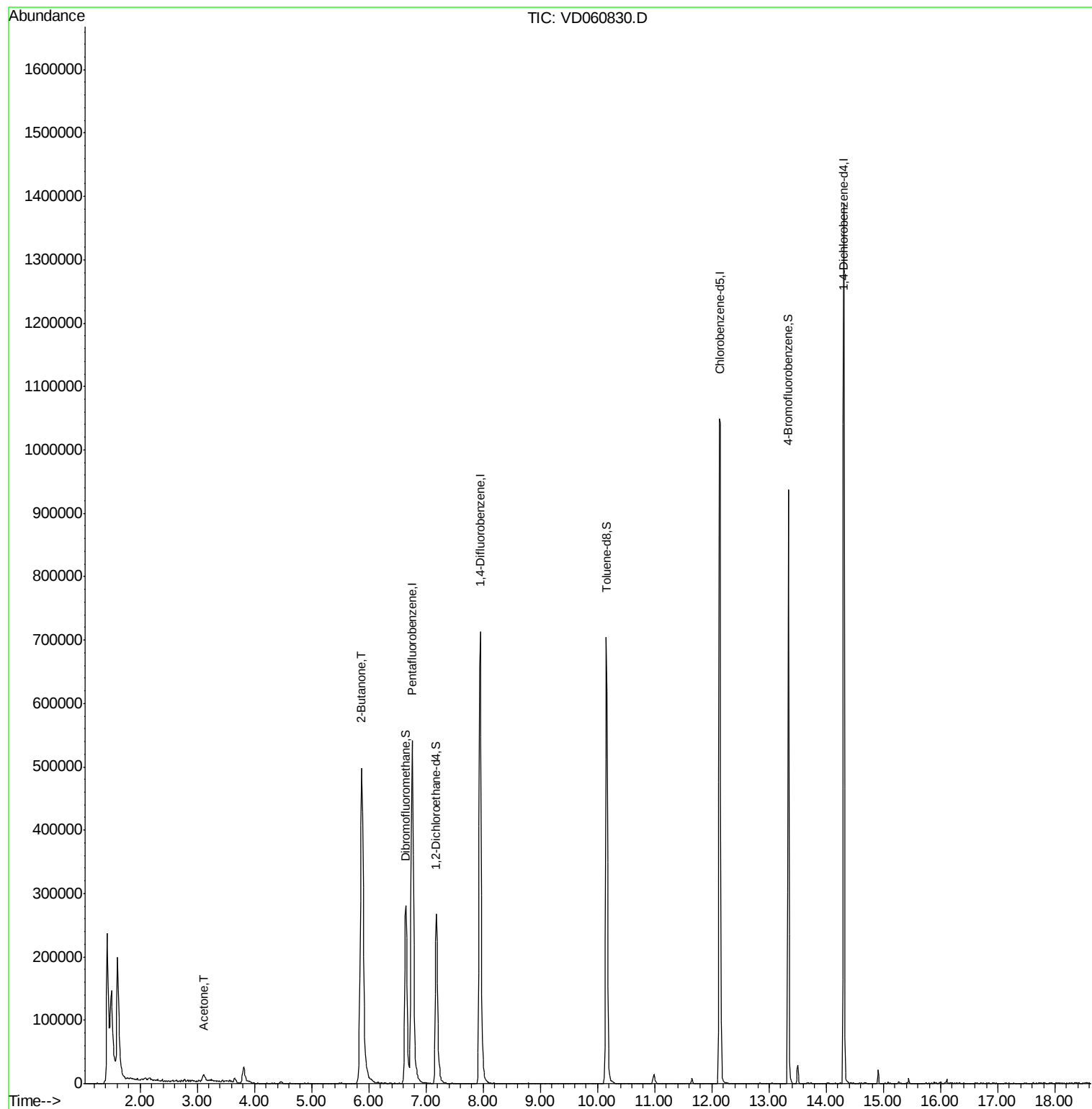
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.77	168	454124	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.95	114	651339	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.14	117	503287	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.31	152	254167	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.18	65	320500	46.03	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	92.06%	
35) Dibromofluoromethane	6.65	113	240748	38.54	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	77.08%	
50) Toluene-d8	10.15	98	528156	36.21	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	72.42%	
62) 4-Bromofluorobenzene	13.33	95	269070	36.70	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	73.40%	
Target Compounds						
16) Acetone	3.11	43	25041	24.903	ug/l	99
25) 2-Butanone	5.87	43	50035	38.875	ug/l #	73

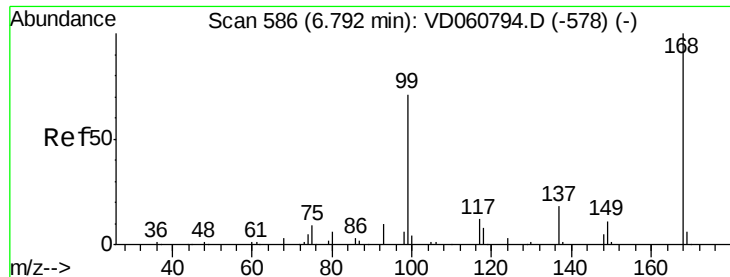
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.77 min Scan# 583

Delta R.T. -0.02 min

Lab File: VD060830.D

Acq: 1 Feb 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

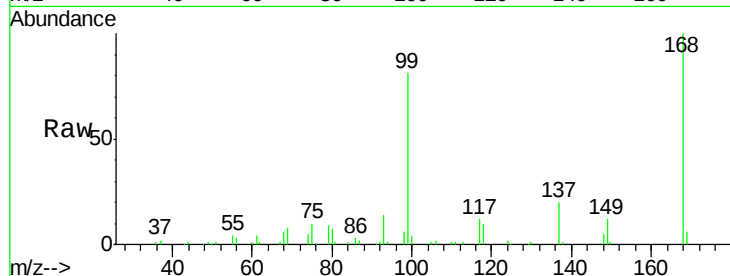
FK-BPM-03-005-ABCDRE

Tot Ion:168 Resp: 454124

Ion Ratio Lower Upper

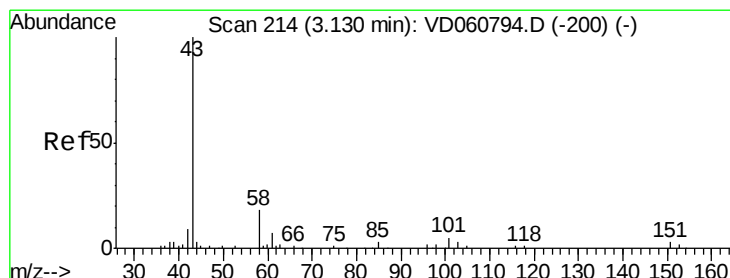
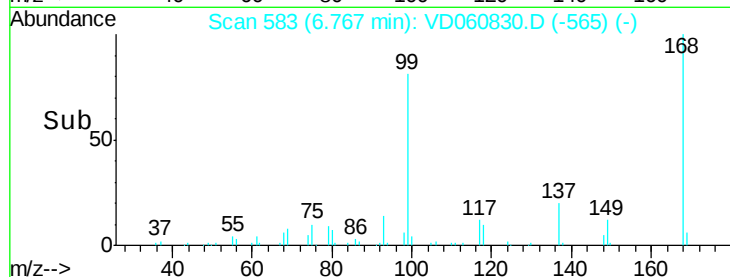
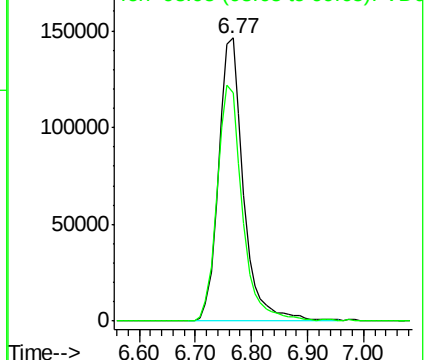
168 100

99 80.9 59.2 88.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 24.903 ug/l

RT: 3.11 min Scan# 212

Delta R.T. -0.01 min

Lab File: VD060830.D

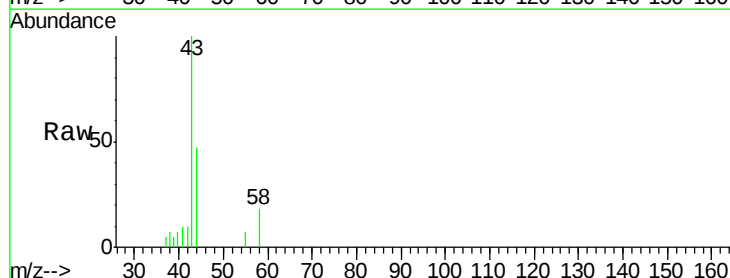
Acq: 1 Feb 2019 20:22

Tgt Ion: 43 Resp: 25041

Ion Ratio Lower Upper

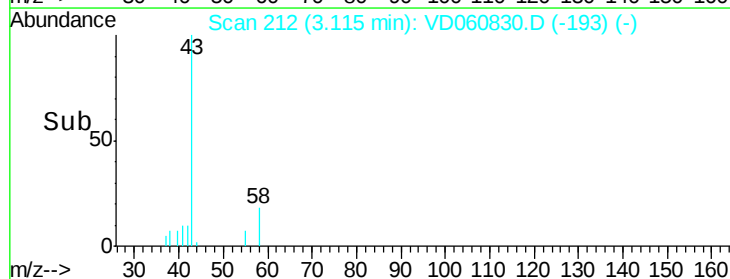
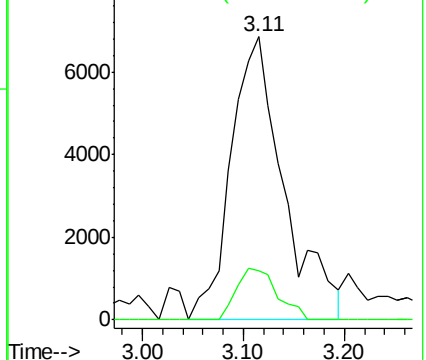
43 100

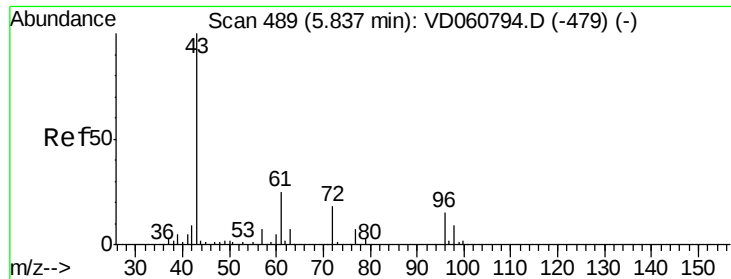
58 17.5 14.5 21.7



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

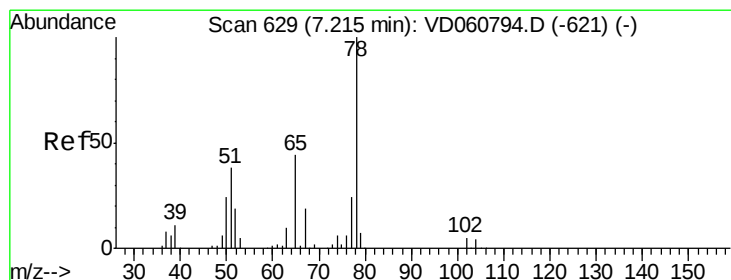
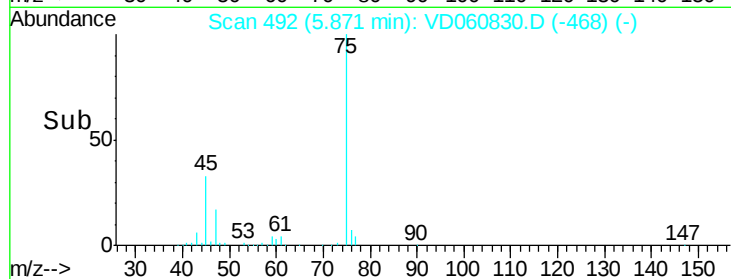
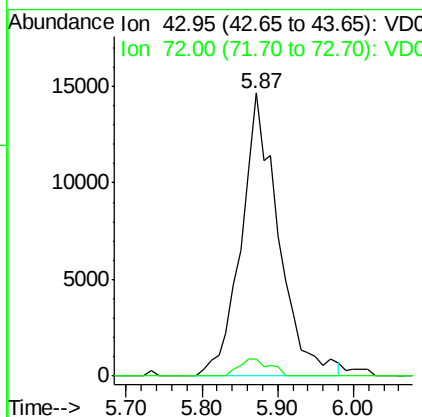
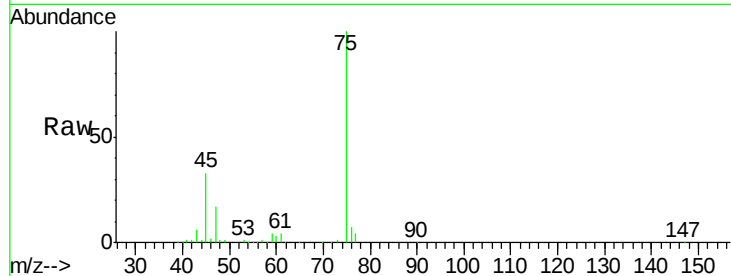




#25
2-Butanone
Concen: 38.875 ug/l
RT: 5.87 min Scan# 492
Delta R.T. 0.03 min
Lab File: VD060830.D
Acq: 1 Feb 2019 20:22

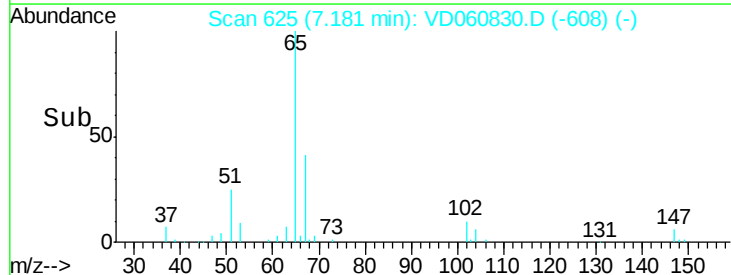
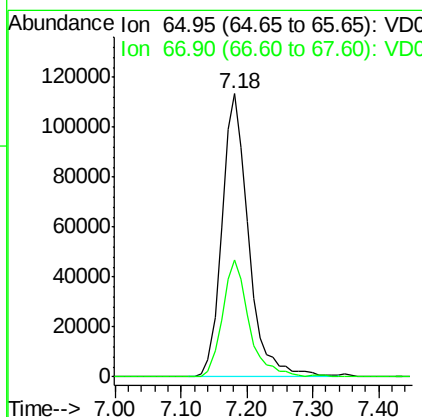
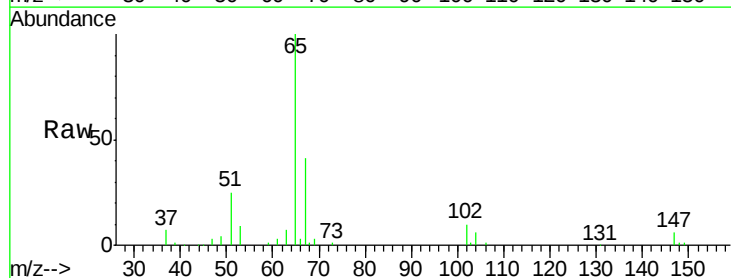
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-03-005-ABCDRE

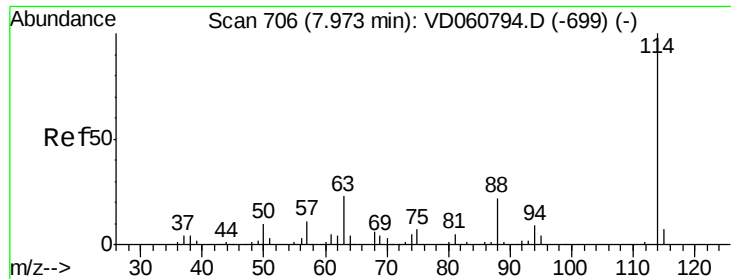
Tot Ion: 43 Resp: 50035
Ion Ratio Lower Upper
43 100
72 6.1 14.4 21.6#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.18 min Scan# 625
Delta R.T. -0.03 min
Lab File: VD060830.D
Acq: 1 Feb 2019 20:22

Tgt Ion: 65 Resp: 320500
Ion Ratio Lower Upper
65 100
67 41.5 0.0 85.8

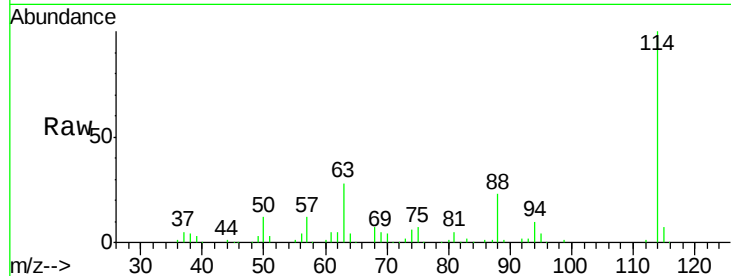




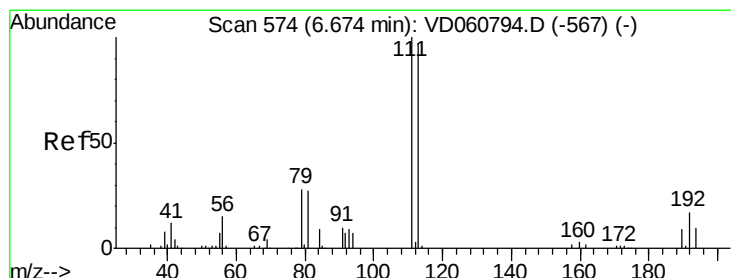
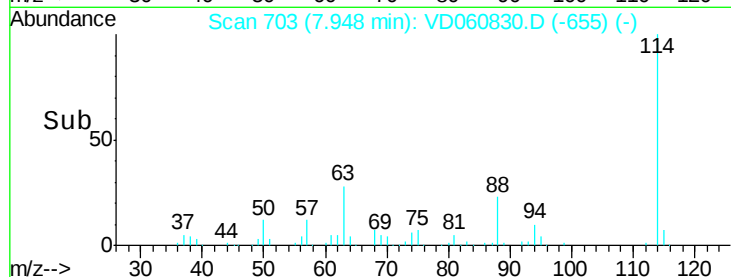
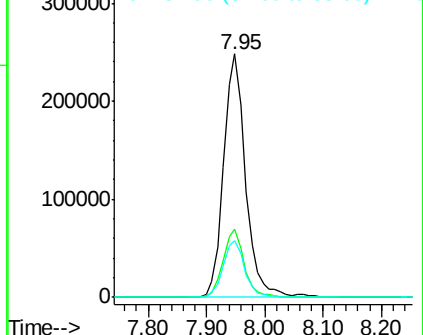
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 703
 Delta R.T. -0.02 min
 Lab File: VD060830.D
 Acq: 1 Feb 2019 20:22

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-03-005-ABCDRE

Tot Ion:114 Resp: 651339
 Ion Ratio Lower Upper
 114 100
 63 27.9 0.0 46.6
 88 23.2 0.0 44.0

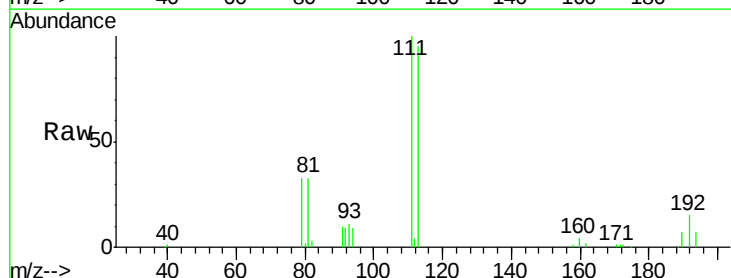


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

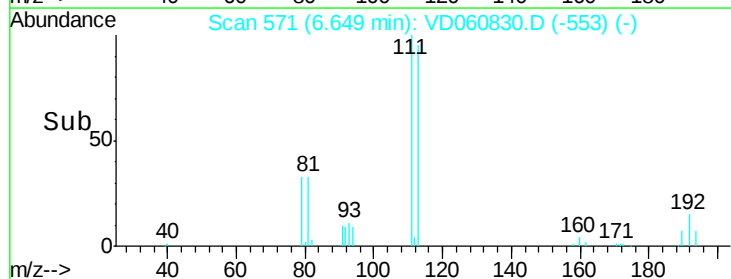
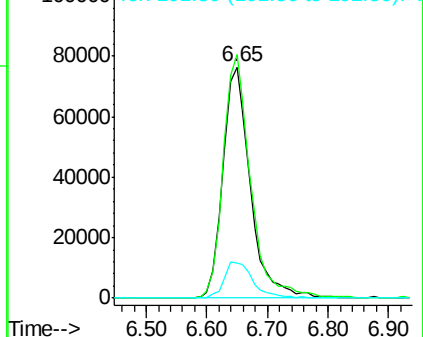


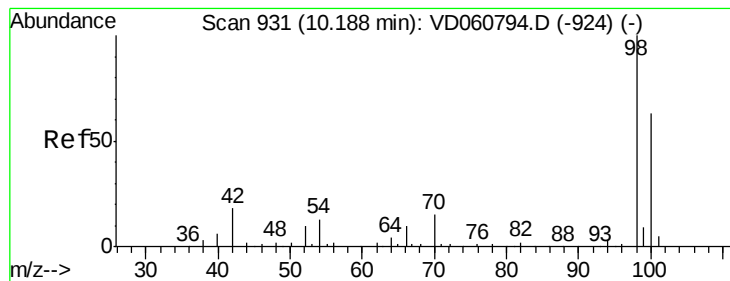
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.65 min Scan# 571
 Delta R.T. -0.02 min
 Lab File: VD060830.D
 Acq: 1 Feb 2019 20:22

Tgt Ion:113 Resp: 240748
 Ion Ratio Lower Upper
 113 100
 111 105.3 82.3 123.5
 192 15.3 14.4 21.6



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: 10.15 min Scan# 927

Delta R.T. -0.03 min

Lab File: VD060830.D

Acq: 1 Feb 2019 20:22

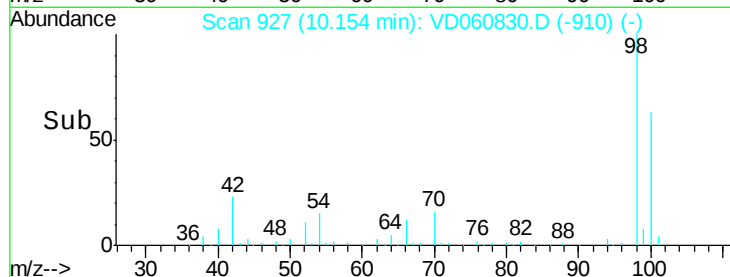
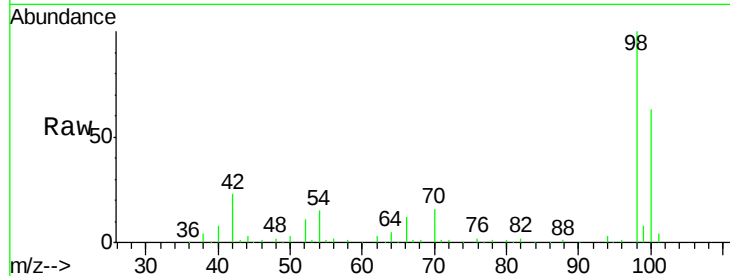
Instrument :
MSVOA_D
ClientSampleId :
FK-BPM-03-005-ABCDRE

Tot Ion: 98 Resp: 528156

Ion Ratio Lower Upper

98 100

100 63.0 51.0 76.6



Abundance Ion 98.05 (97.75 to 98.75): VD060830.D (-910) (-)

Ion 100.05 (99.75 to 100.75): VD060830.D (-910) (-)

250000

200000

150000

100000

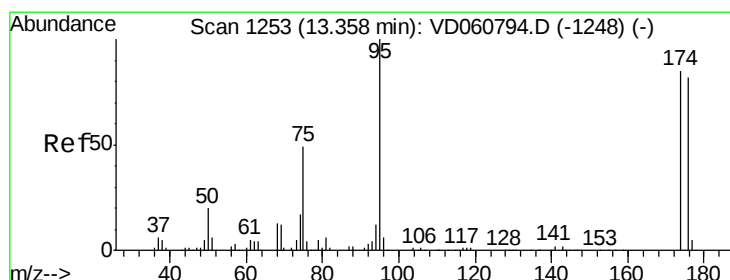
50000

0

10.15

10.20

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.33 min Scan# 1250

Delta R.T. -0.02 min

Lab File: VD060830.D

Acq: 1 Feb 2019 20:22

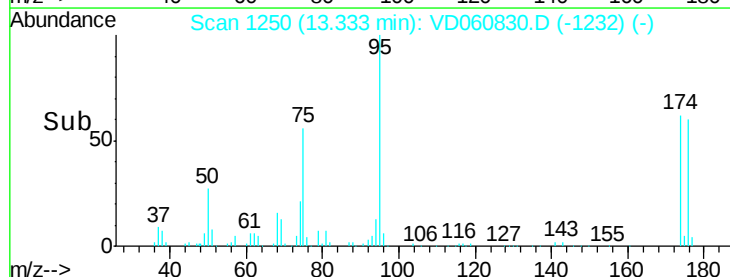
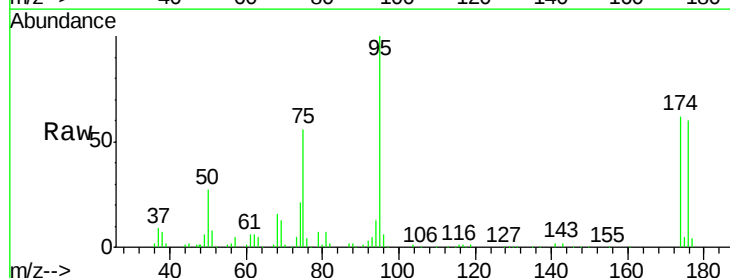
Tgt Ion: 95 Resp: 269070

Ion Ratio Lower Upper

95 100

174 62.1 0.0 169.6

176 59.7 0.0 163.8



Abundance Ion 95.00 (94.70 to 95.70): VD060830.D (-1232) (-)

Ion 173.90 (173.60 to 174.60): VD060830.D (-1232) (-)

Ion 175.90 (175.60 to 176.60): VD060830.D (-1232) (-)

250000

200000

150000

100000

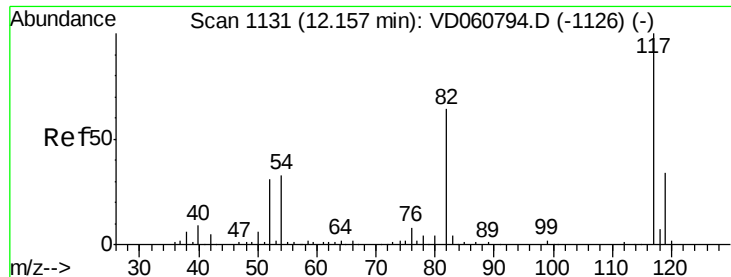
50000

0

13.33

13.40

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.14 min Scan# 1129

Delta R.T. -0.01 min

Lab File: VD060830.D

Acq: 1 Feb 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-03-005-ABCDRE

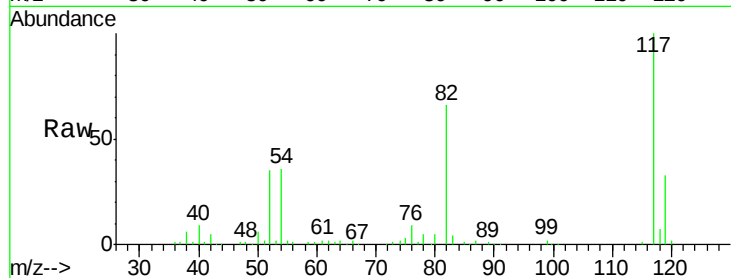
Tot Ion:117 Resp: 503287

Ion Ratio Lower Upper

117 100

82 65.9 51.5 77.3

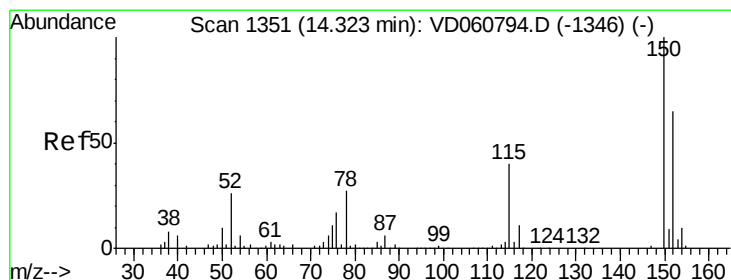
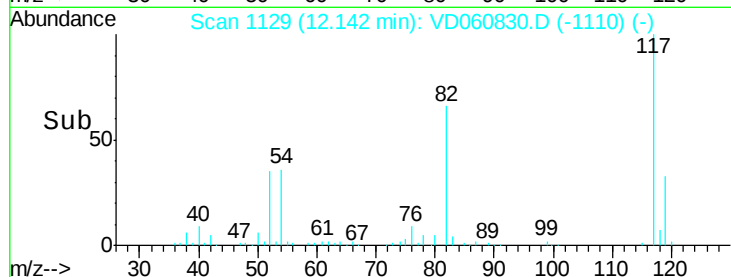
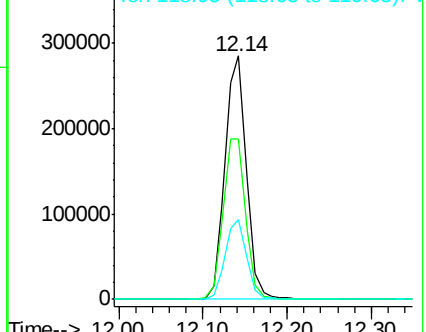
119 32.5 27.1 40.7



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: 14.31 min Scan# 1349

Delta R.T. -0.01 min

Lab File: VD060830.D

Acq: 1 Feb 2019 20:22

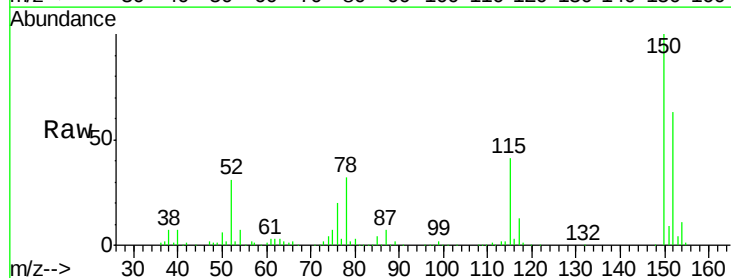
Tgt Ion:152 Resp: 254167

Ion Ratio Lower Upper

152 100

115 65.7 31.6 95.0

150 159.3 0.0 317.6



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

