

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020119\
 Data File : VD060829.D
 Acq On : 1 Feb 2019 19:54
 Operator : VA/AP
 Sample : K1361-02RE
 Misc : 3.54g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-03-006-ABCDRE

Quant Time: Feb 02 02:12:34 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

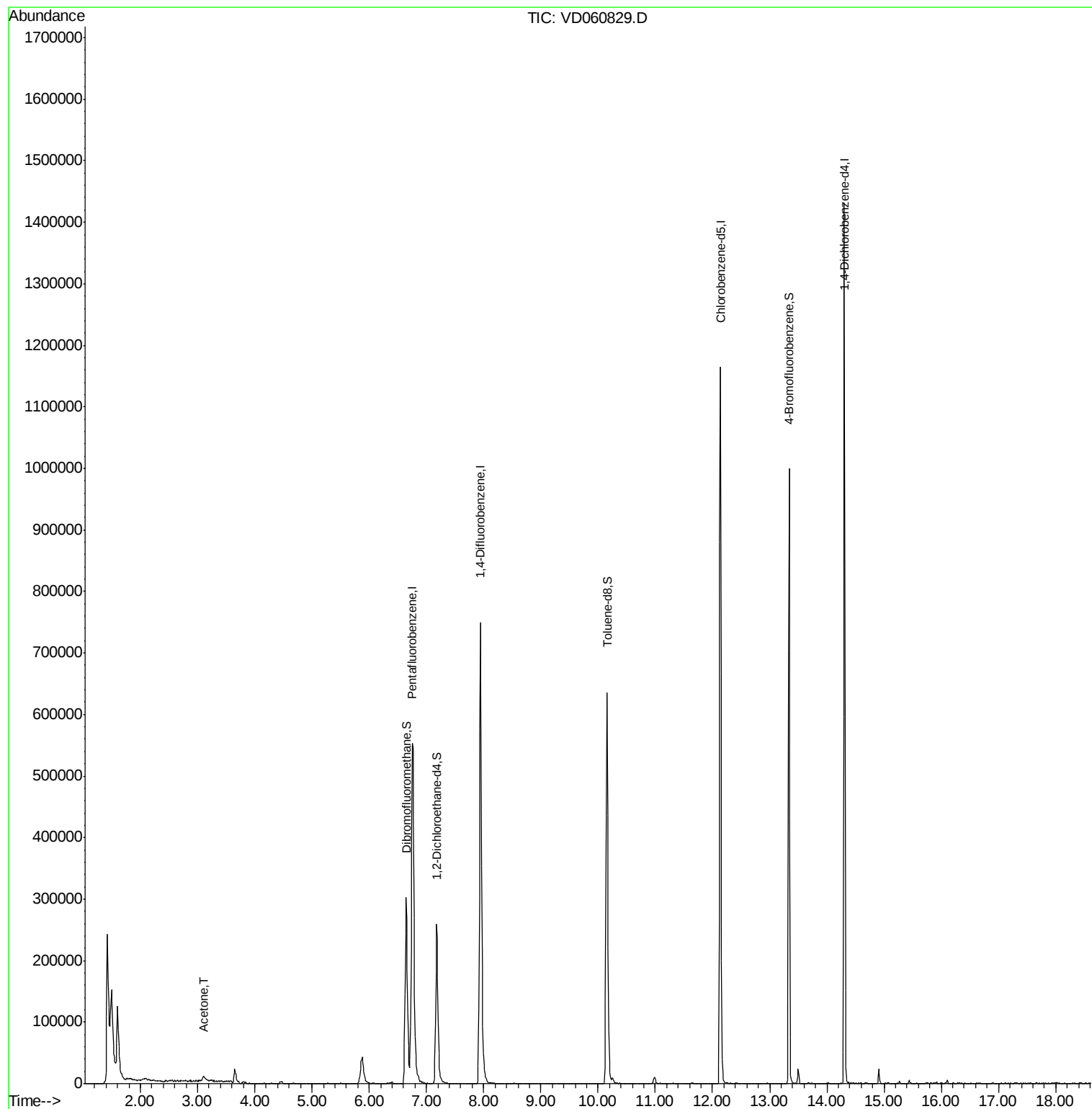
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.76	168	466431	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.94	114	654941	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.14	117	518643	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.30	152	253997	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.18	65	323642	45.26	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	90.52%	
35) Dibromofluoromethane	6.65	113	257250	40.96	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	81.92%	
50) Toluene-d8	10.16	98	504920	34.42	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	68.84%	
62) 4-Bromofluorobenzene	13.34	95	274436	37.23	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	74.46%	
Target Compounds						
16) Acetone	3.11	43	20581	19.927	ug/l	Qvalue 99

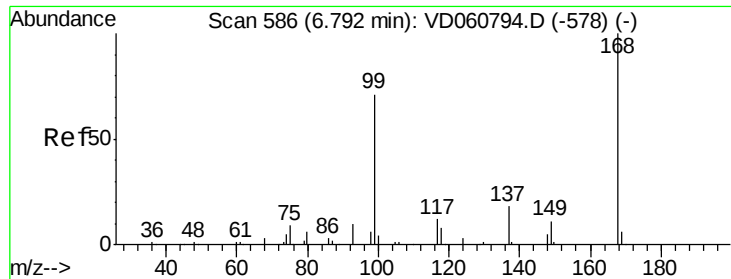
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.76 min Scan# 583

Delta R.T. -0.03 min

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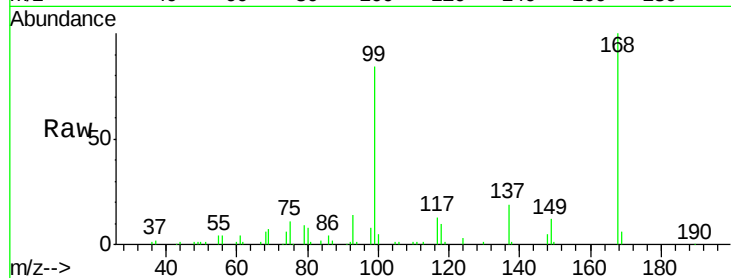
FK-BPM-03-006-ABCDRE

Tot Ion:168 Resp: 466431

Ion Ratio Lower Upper

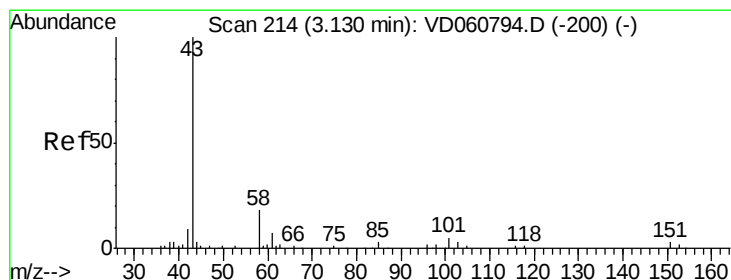
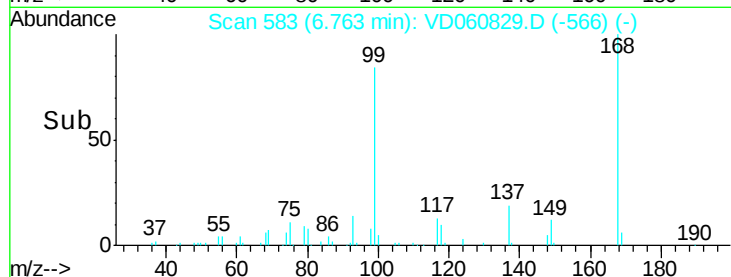
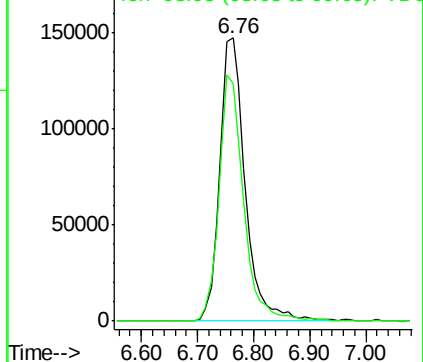
168 100

99 83.8 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: 19.927 ug/l

RT: 3.11 min Scan# 212

Delta R.T. -0.02 min

Lab File: VD060829.D

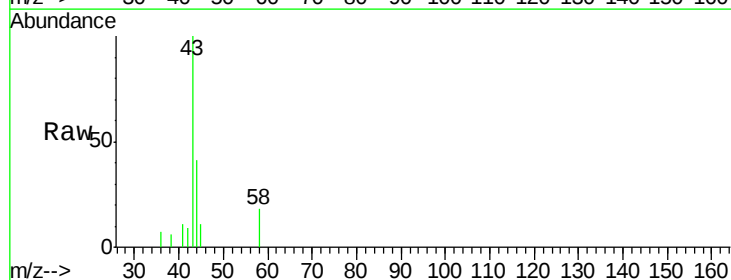
Acq: 1 Feb 2019 19:54

Tgt Ion: 43 Resp: 20581

Ion Ratio Lower Upper

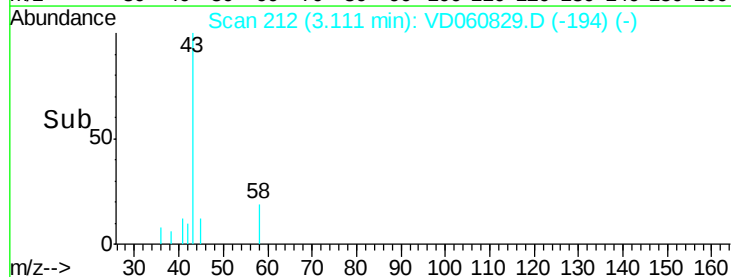
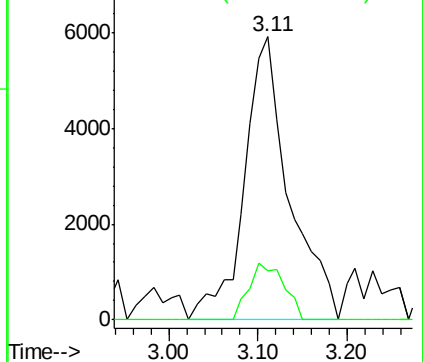
43 100

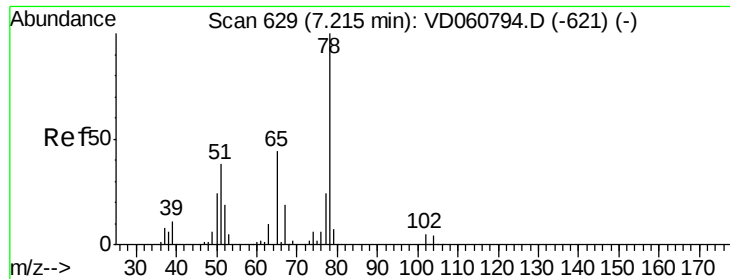
58 17.5 14.5 21.7



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

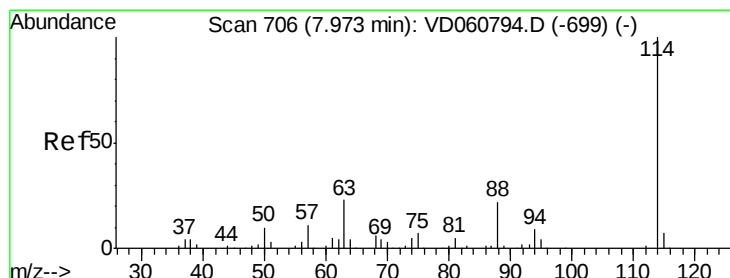
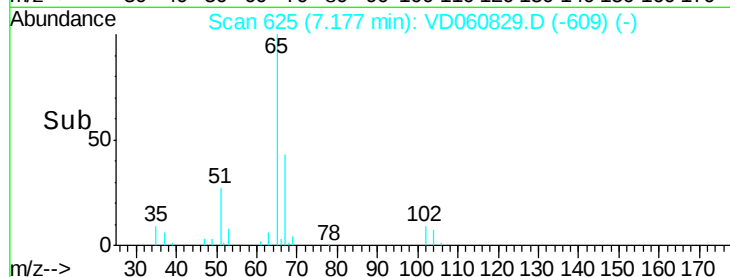
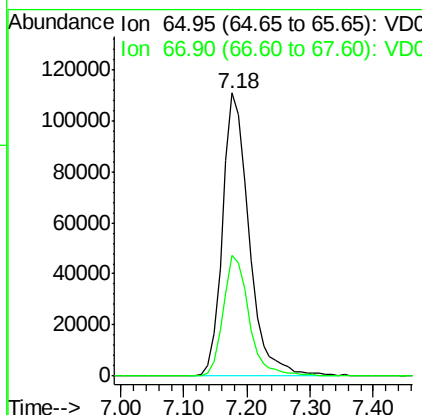
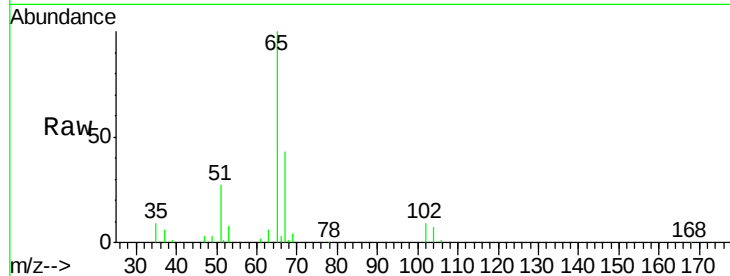




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.18 min Scan# 625
 Delta R.T. -0.04 min
 Lab File: VD060829.D
 Acq: 1 Feb 2019 19:54

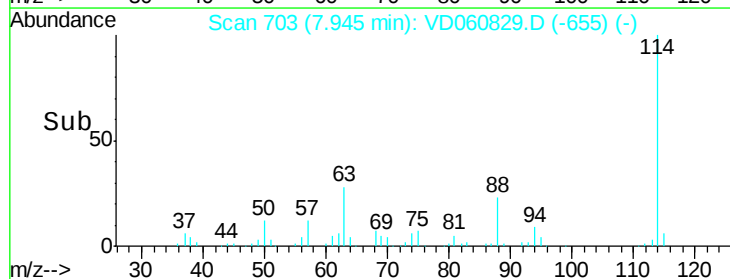
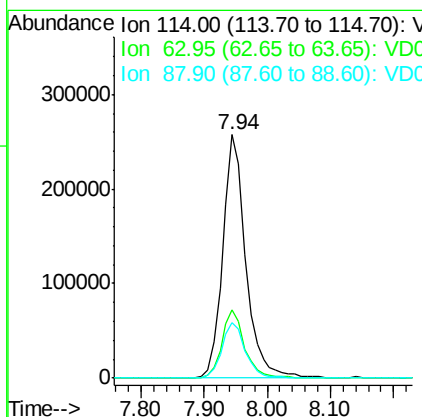
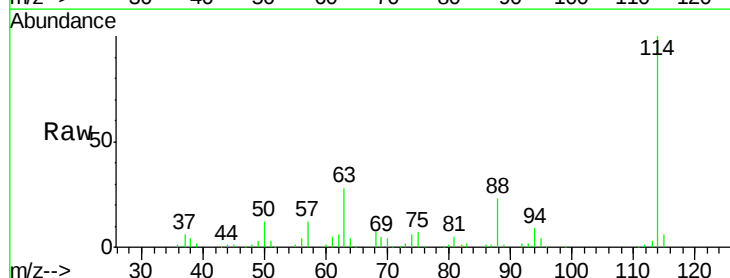
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-BPM-03-006-ABCDRE

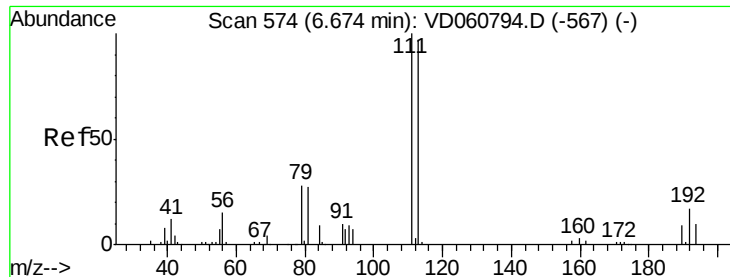
Tot Ion: 65 Resp: 323642
 Ion Ratio Lower Upper
 65 100
 67 42.6 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.94 min Scan# 703
 Delta R.T. -0.03 min
 Lab File: VD060829.D
 Acq: 1 Feb 2019 19:54

Tgt Ion: 114 Resp: 654941
 Ion Ratio Lower Upper
 114 100
 63 28.1 0.0 46.6
 88 22.7 0.0 44.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.65 min Scan# 571

Delta R.T. -0.03 min

Lab File: VD060829.D

Acq: 1 Feb 2019 19:54

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-03-006-ABCDRE

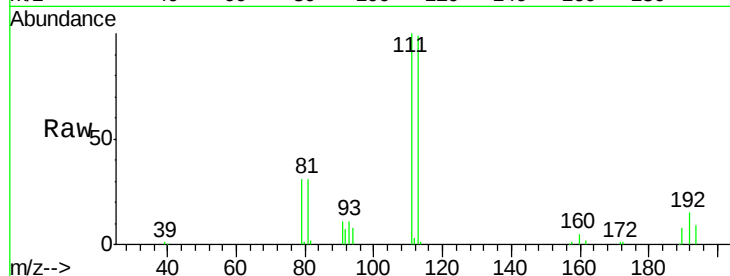
Tot Ion:113 Resp: 257250

Ion Ratio Lower Upper

113 100

111 100.5 82.3 123.5

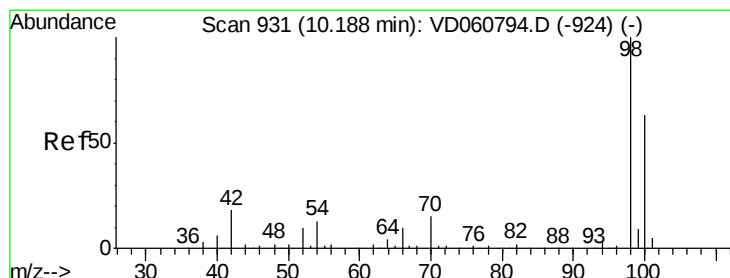
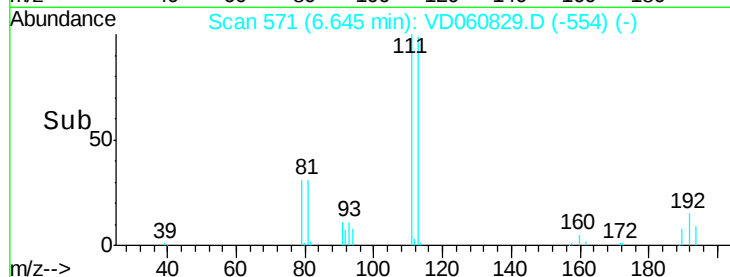
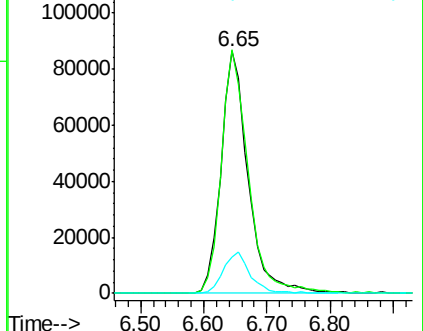
192 15.2 14.4 21.6



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: 10.16 min Scan# 928

Delta R.T. -0.03 min

Lab File: VD060829.D

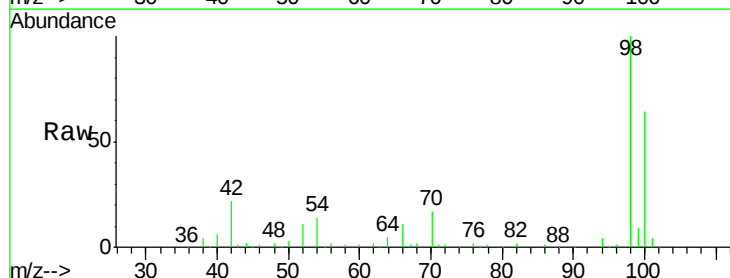
Acq: 1 Feb 2019 19:54

Tgt Ion: 98 Resp: 504920

Ion Ratio Lower Upper

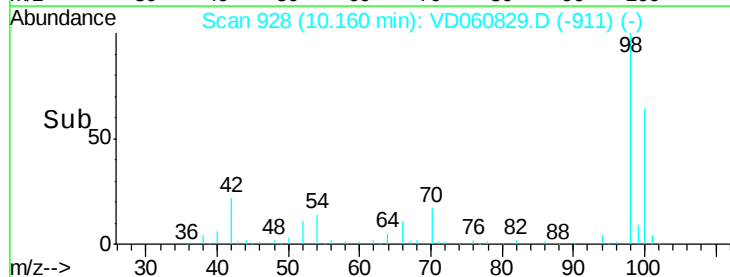
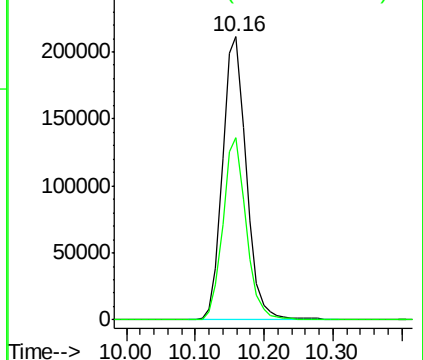
98 100

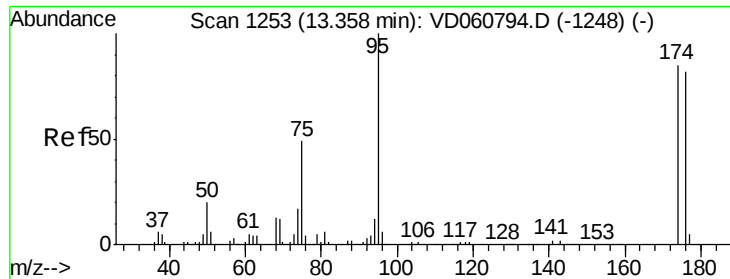
100 64.2 51.0 76.6



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: 13.34 min Scan# 1251

Delta R.T. -0.02 min

Lab File: VD060829.D

Acq: 1 Feb 2019 19:54

Instrument :

MSVOA_D

ClientSampleId :

FK-BPM-03-006-ABCDRE

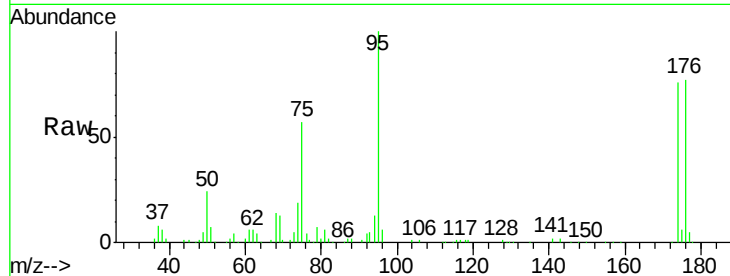
Tot Ion: 95 Resp: 274436

Ion Ratio Lower Upper

95 100

174 75.6 0.0 169.6

176 76.8 0.0 163.8



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

250000

200000

150000

100000

50000

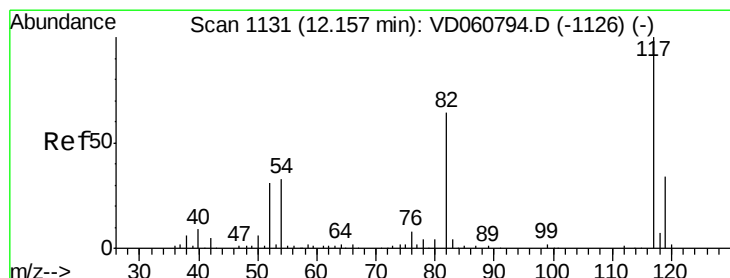
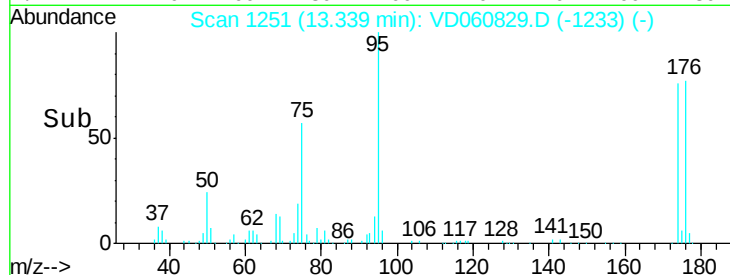
0

13.34

13.30

13.40

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.14 min Scan# 1129

Delta R.T. -0.02 min

Lab File: VD060829.D

Acq: 1 Feb 2019 19:54

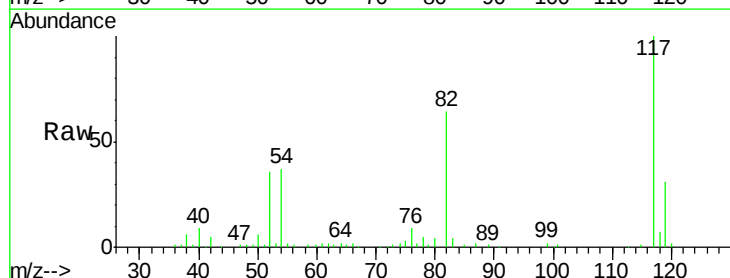
Tgt Ion: 117 Resp: 518643

Ion Ratio Lower Upper

117 100

82 63.7 51.5 77.3

119 31.4 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

400000

300000

200000

100000

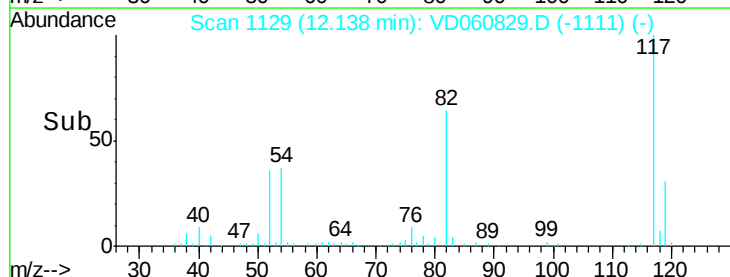
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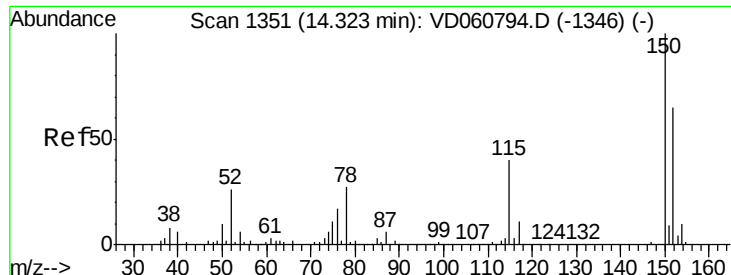
12.14

12.10

12.20

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.30 min Scan# 1349

Delta R.T. -0.02 min

Lab File: VD060829.D

Acq: 1 Feb 2019 19:54

Instrument :

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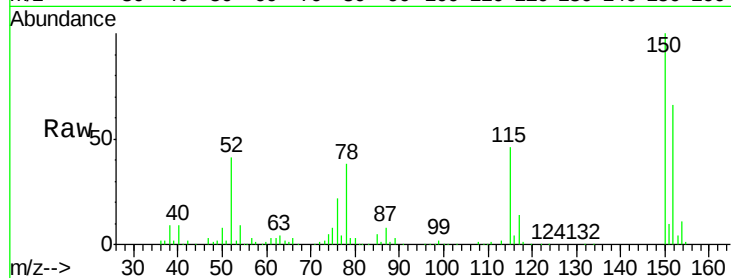
Tot Ion:152 Resp: 253997

Ion Ratio Lower Upper

152 100

115 69.0 31.6 95.0

150 150.4 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

