

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062018\
 Data File : VD058234.D
 Acq On : 21 Jun 2018 4:34
 Operator : VA/AP
 Sample : J3606-02
 Misc : 10.09g/5ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-030

Quant Time: Jun 21 05:46:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

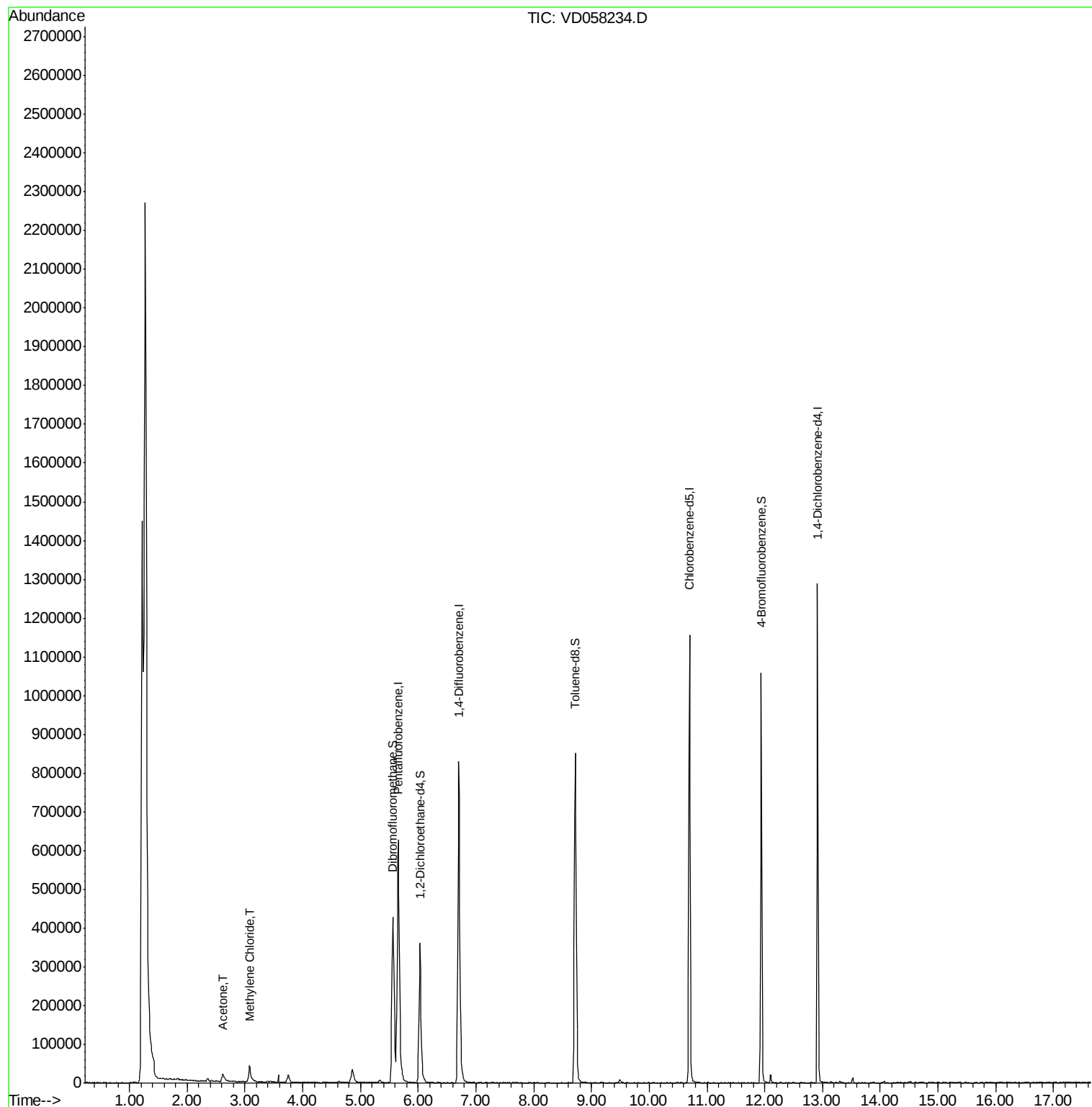
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	639429	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.70	114	834538	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.70	117	607655	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.91	152	255839	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	341322	52.85	ug/l	0.02
Spiked Amount 50.000			Recovery	=	105.70%	
35) Dibromofluoromethane	5.56	113	347664	51.18	ug/l	0.01
Spiked Amount 50.000			Recovery	=	102.36%	
50) Toluene-d8	8.72	98	677280	41.22	ug/l	0.01
Spiked Amount 50.000			Recovery	=	82.44%	
62) 4-Bromofluorobenzene	11.94	95	268683	40.03	ug/l	0.01
Spiked Amount 50.000			Recovery	=	80.06%	
Target Compounds						
16) Acetone	2.62	43	43288	49.01	ug/l #	87
20) Methylene Chloride	3.08	84	19128	3.90	ug/l #	87

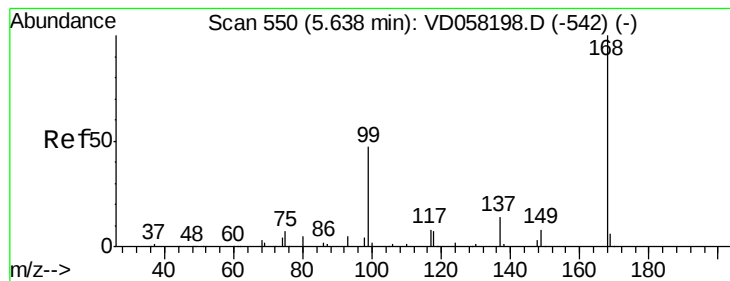
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 552

Delta R.T. 0.02 min

Lab File: VD058234.D

Acq: 21 Jun 2018 4:34

Instrument :

MSVOA_D

ClientSampleId :

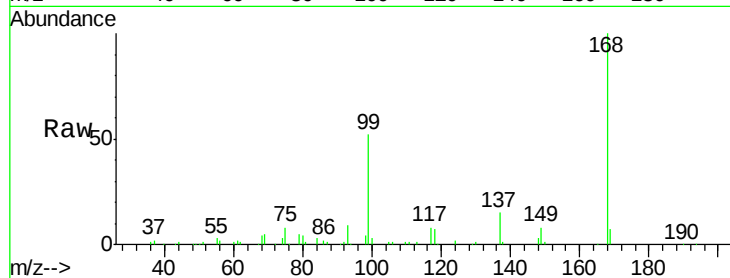
FK-PS-01-030

Tot Ion:168 Resp: 639429

Ion Ratio Lower Upper

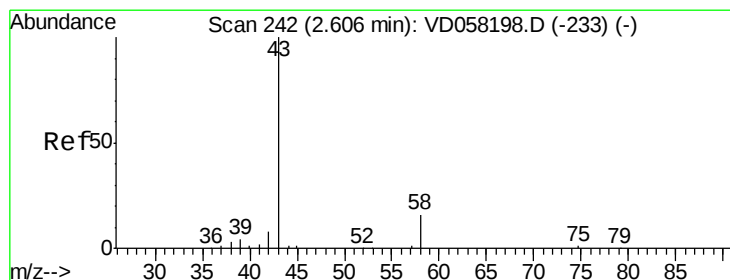
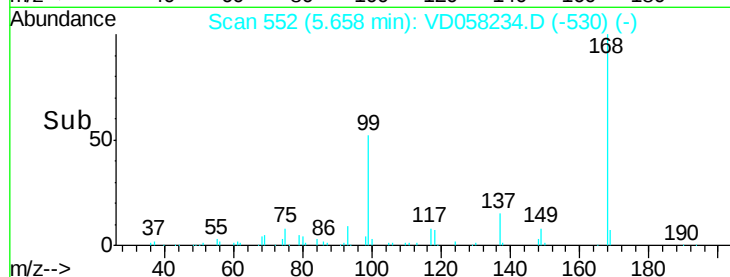
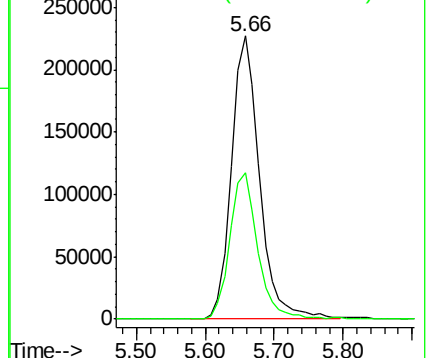
168 100

99 51.5 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 49.01 ug/l

RT: 2.62 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD058234.D

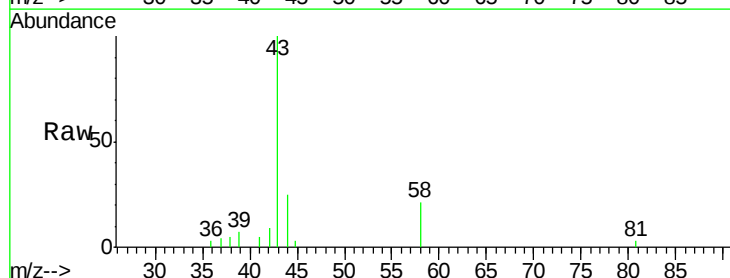
Acq: 21 Jun 2018 4:34

Tgt Ion: 43 Resp: 43288

Ion Ratio Lower Upper

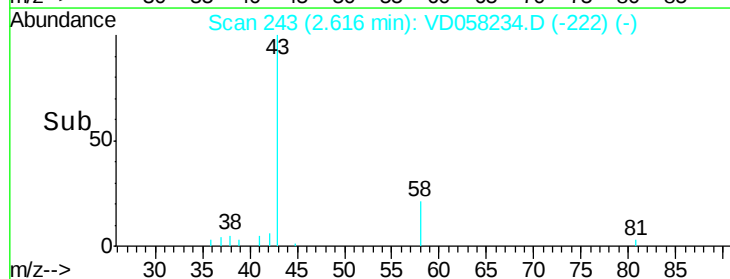
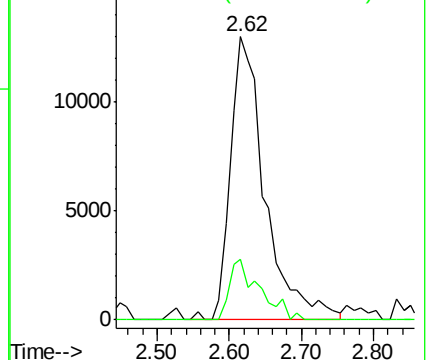
43 100

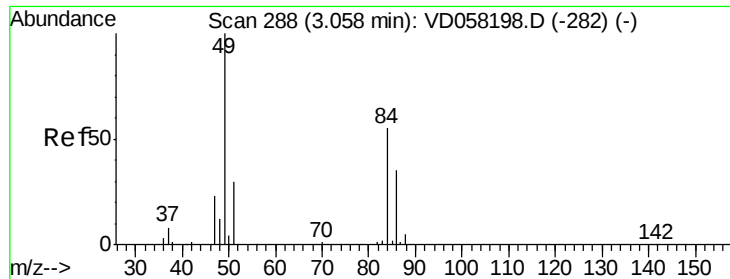
58 21.4 12.7 19.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

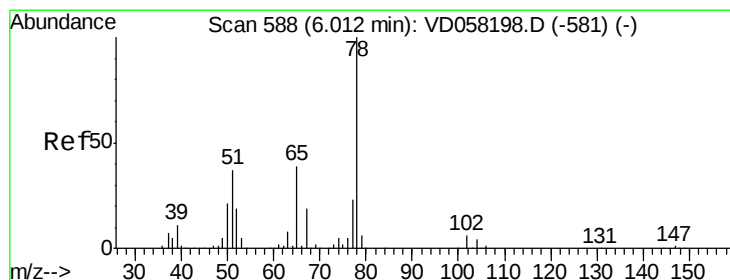
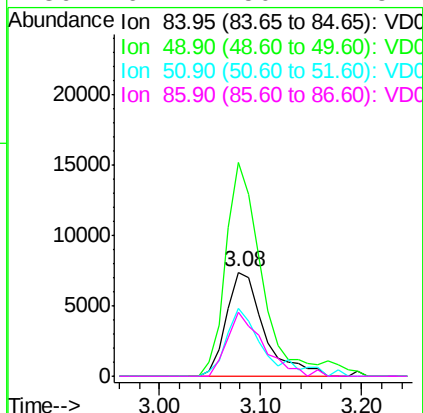
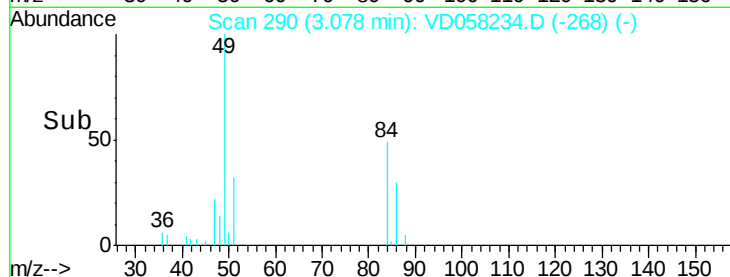
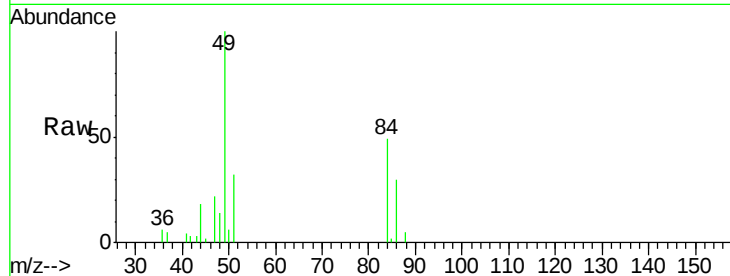




#20
Methvlene Chloride
Concen: 3.90 ug/l
RT: 3.08 min Scan# 290
Delta R.T. 0.02 min
Lab File: VD058234.D
Acq: 21 Jun 2018 4:34

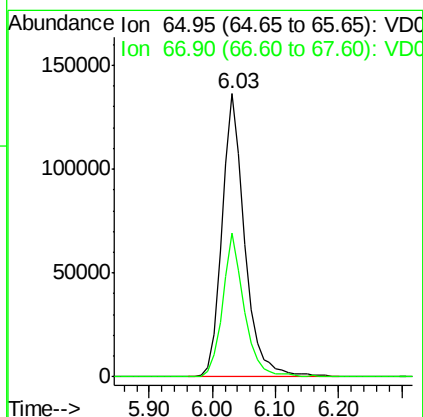
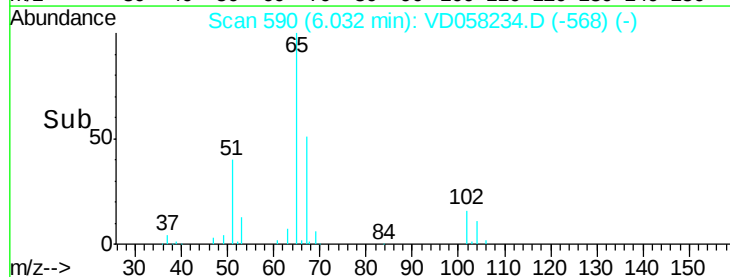
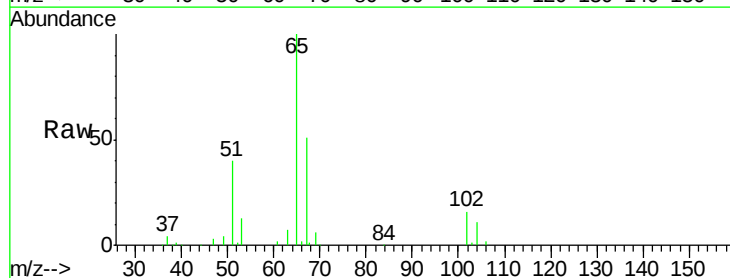
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-030

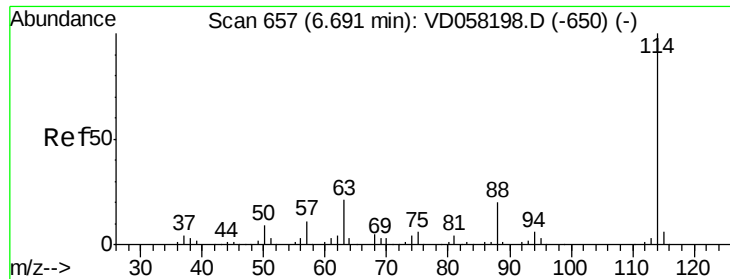
Tot Ion: 84 Resp: 19128
Ion Ratio Lower Upper
84 100
49 205.4 145.0 217.6
51 65.2 42.9 64.3#
86 62.2 50.1 75.1



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.03 min Scan# 590
Delta R.T. 0.02 min
Lab File: VD058234.D
Acq: 21 Jun 2018 4:34

Tgt Ion: 65 Resp: 341322
Ion Ratio Lower Upper
65 100
67 50.7 0.0 97.8

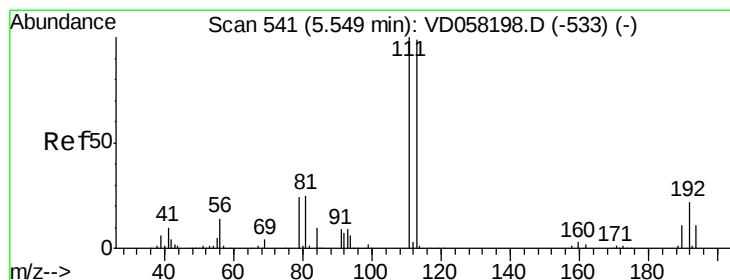
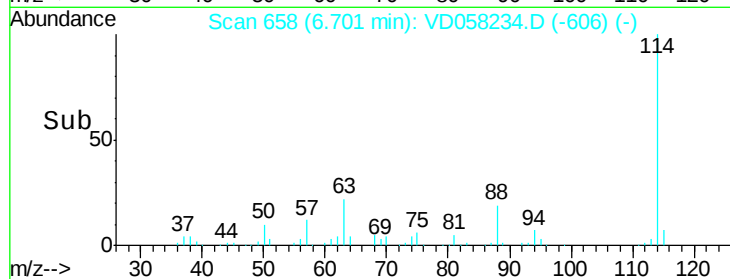
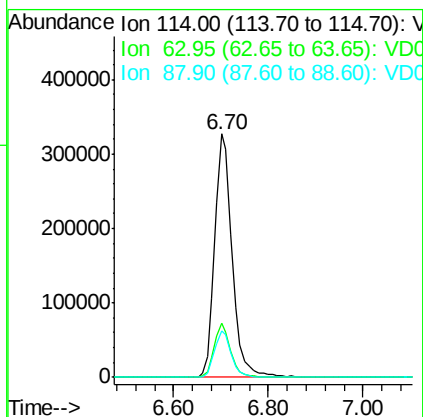
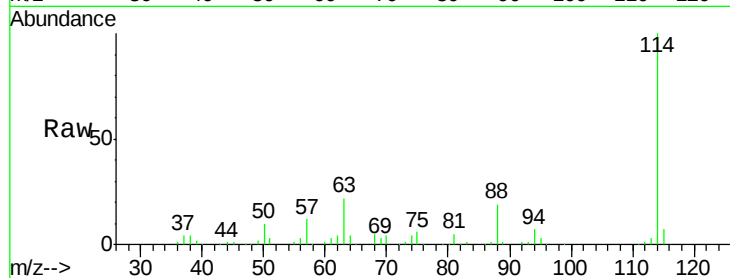




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.70 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: VD058234.D
 Acq: 21 Jun 2018 4:34

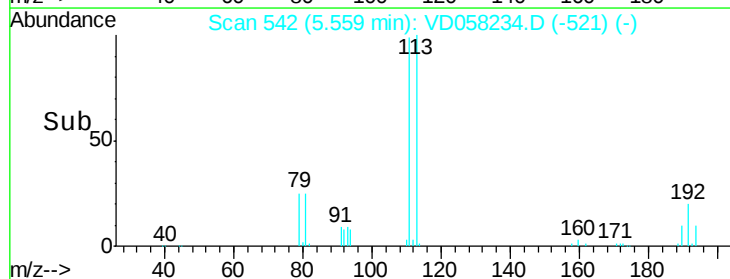
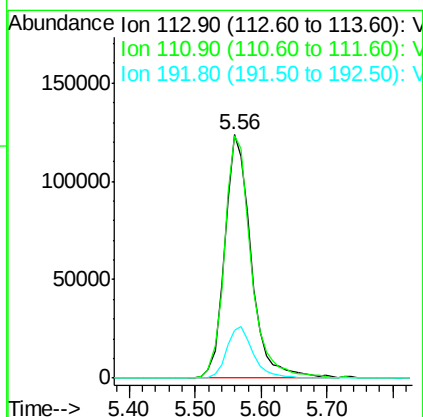
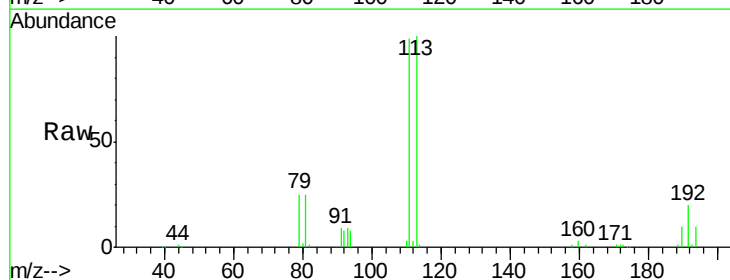
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-030

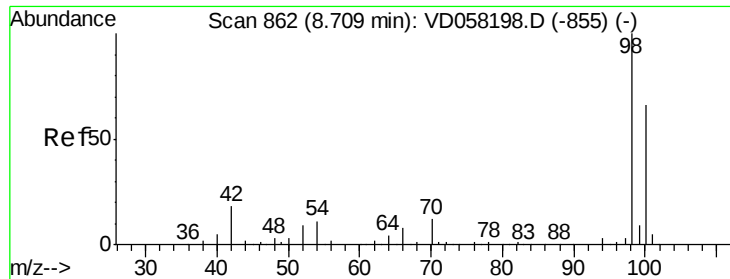
Tot Ion:114 Resp: 834538
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 42.6
 88 19.0 0.0 40.6



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.56 min Scan# 542
 Delta R.T. 0.01 min
 Lab File: VD058234.D
 Acq: 21 Jun 2018 4:34

Tgt Ion:113 Resp: 347664
 Ion Ratio Lower Upper
 113 100
 111 99.5 80.6 121.0
 192 19.6 17.8 26.6





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.72 min Scan# 863

Delta R.T. 0.01 min

Lab File: VD058234.D

Acq: 21 Jun 2018 4:34

Instrument :

MSVOA_D

ClientSampleId :

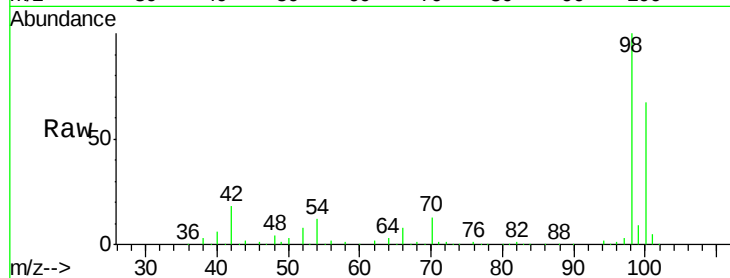
FK-PS-01-030

Tot Ion: 98 Resp: 677280

Ion Ratio Lower Upper

98 100

100 66.5 53.6 80.4



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

8.72

300000

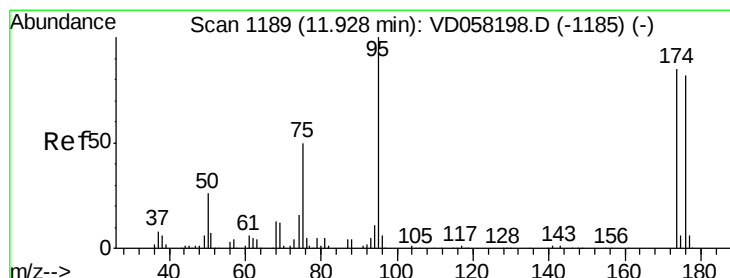
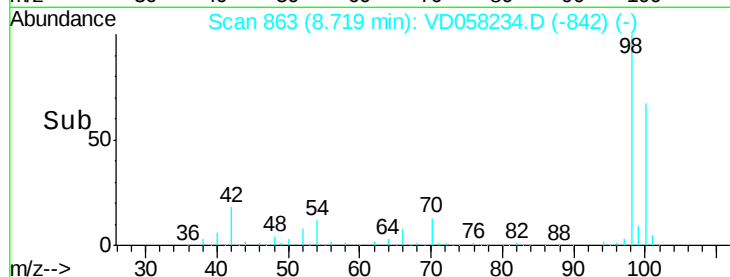
200000

100000

0

Time-->

8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.94 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD058234.D

Acq: 21 Jun 2018 4:34

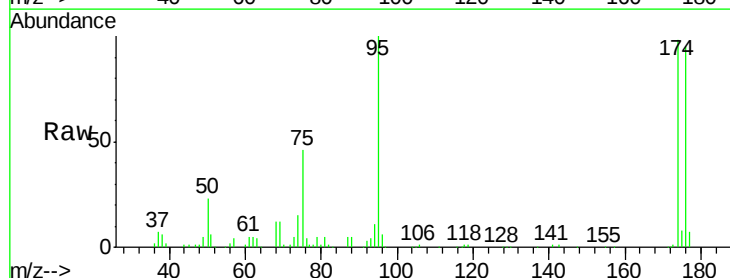
Tgt Ion: 95 Resp: 268683

Ion Ratio Lower Upper

95 100

174 98.3 0.0 170.2

176 94.5 0.0 164.6



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

250000

200000

150000

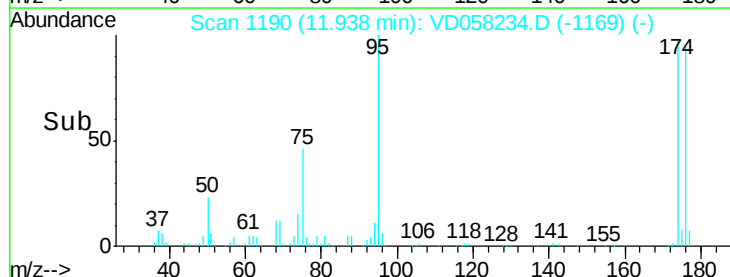
100000

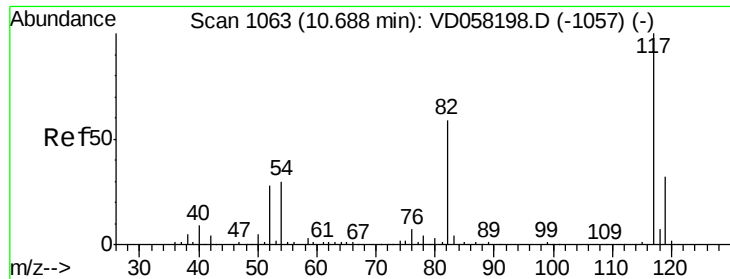
50000

0

Time-->

11.90 12.00

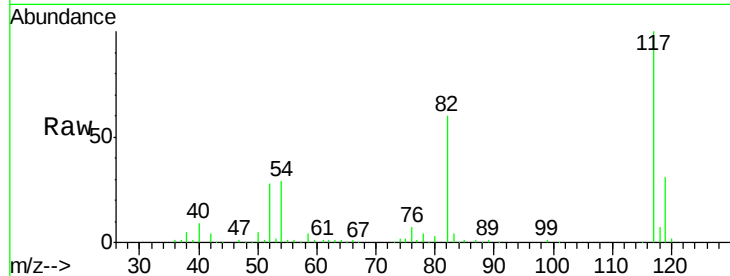




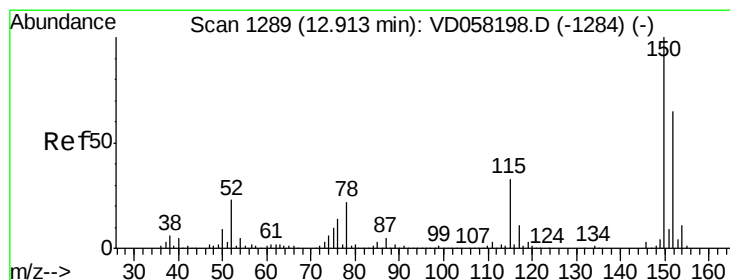
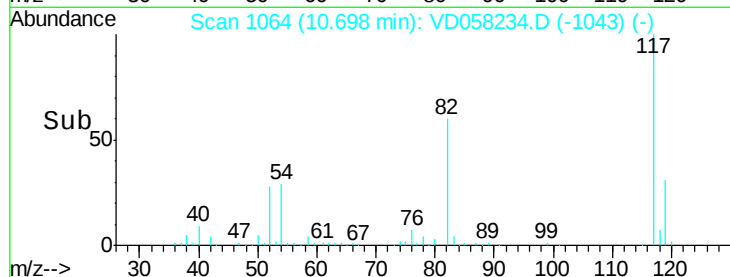
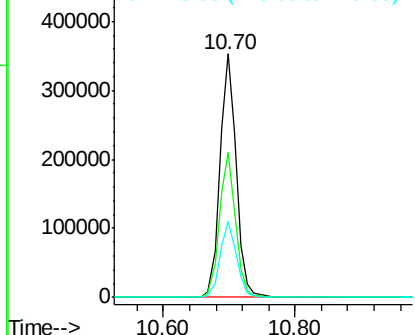
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD058234.D
Acq: 21 Jun 2018 4:34

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-030

Tot Ion:117 Resp: 607655
Ion Ratio Lower Upper
117 100
82 59.6 47.0 70.6
119 31.0 25.3 37.9

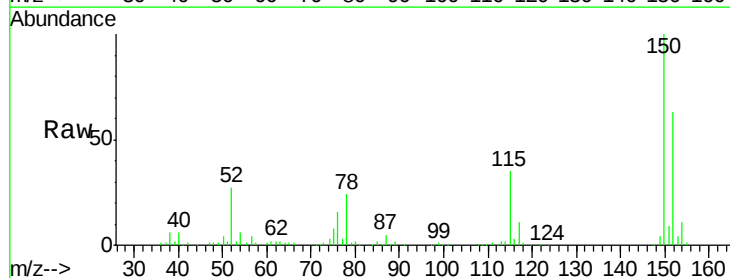


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD058234.D
Acq: 21 Jun 2018 4:34

Tgt Ion:152 Resp: 255839
Ion Ratio Lower Upper
152 100
115 55.3 25.1 75.3
150 159.4 0.0 308.8



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

