

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091418\
 Data File : VD060010.D
 Acq On : 14 Sep 2018 15:15
 Operator : JC/SY
 Sample : J4883-01RE
 Misc : 5.15g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 292RE

Quant Time: Sep 14 16:13:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 16:17:40 2018
 Response via : Initial Calibration

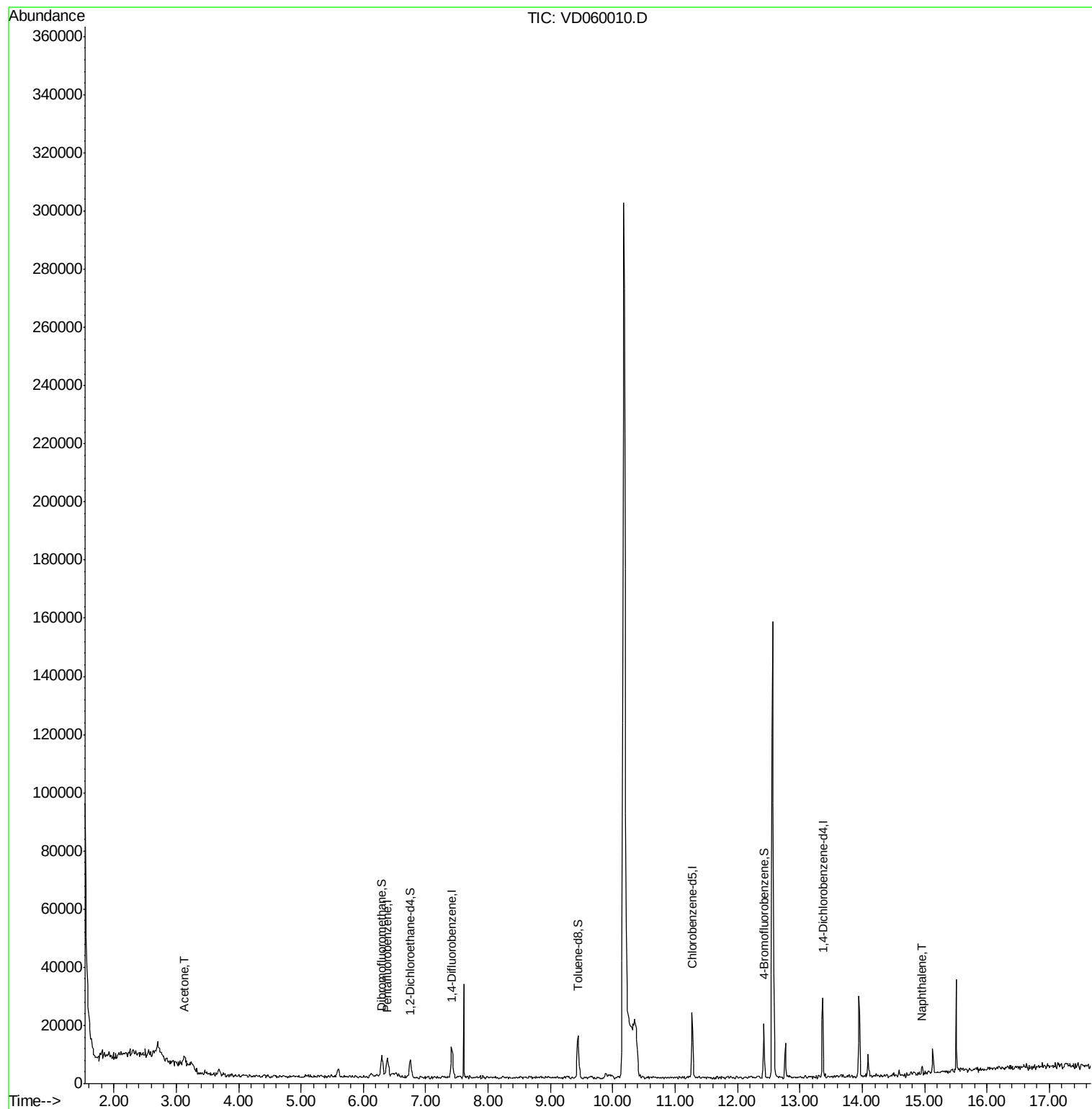
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	8384	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	7.42	114	14803	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.27	117	12818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	6209	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.75	65	6187	94.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	189.26%	
35) Dibromofluoromethane	6.29	113	5311	45.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.84%	
50) Toluene-d8	9.44	98	12954	40.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.84%	
62) 4-Bromofluorobenzene	12.42	95	6161	50.31	ug/l	0.01
Spiked Amount 50.000			Recovery	=	100.62%	
Target Compounds						
16) Acetone	3.12	43	7951	629.87	ug/l	95
95) Naphthalene	14.96	128	2139	9.53	ug/l #	70

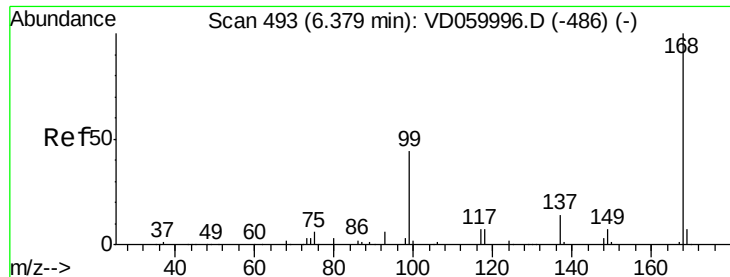
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091418\
Data File : VD060010.D
Acq On : 14 Sep 2018 15:15
Operator : JC/SY
Sample : J4883-01RE
Misc : 5.15g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
292RE

Quant Time: Sep 14 16:13:39 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 13 16:17:40 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.39 min Scan# 494

Delta R.T. 0.01 min

Lab File: VD060010.D

Acq: 14 Sep 2018 15:15

Instrument :

MSVOA_D

ClientSampleId :

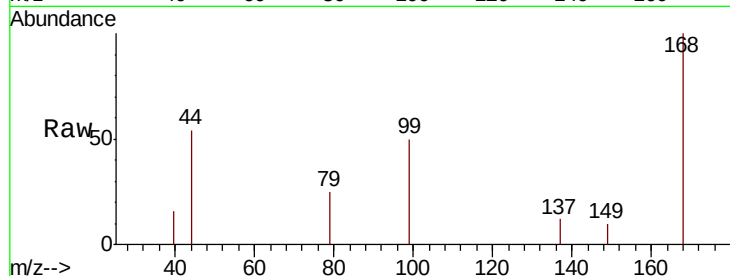
292RE

Tot Ion:168 Resp: 8384

Ion Ratio Lower Upper

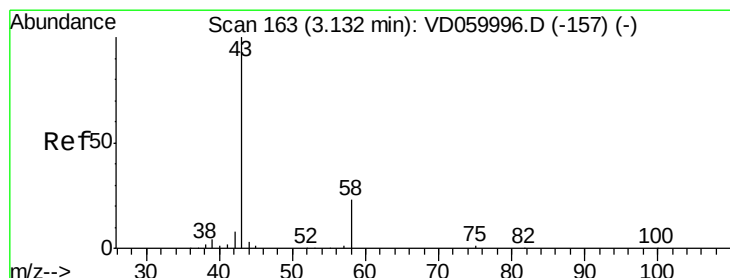
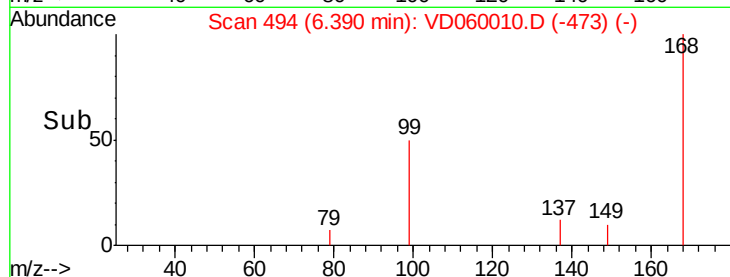
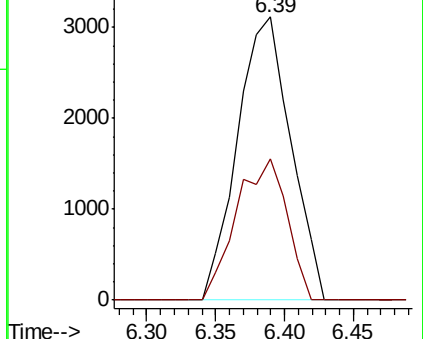
168 100

99 50.0 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 629.87 ug/l

RT: 3.12 min Scan# 162

Delta R.T. -0.01 min

Lab File: VD060010.D

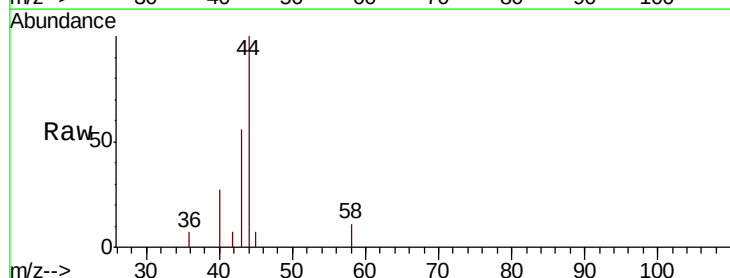
Acq: 14 Sep 2018 15:15

Tgt Ion: 43 Resp: 7951

Ion Ratio Lower Upper

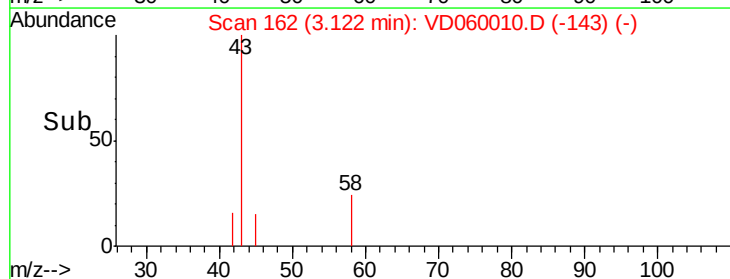
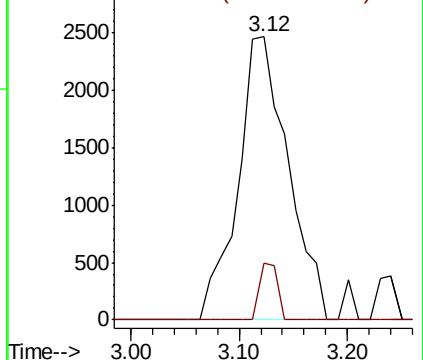
43 100

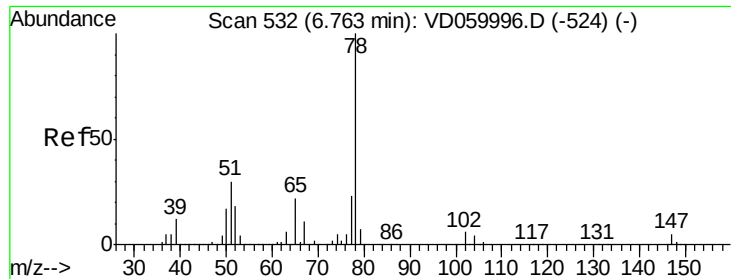
58 20.0 18.1 27.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

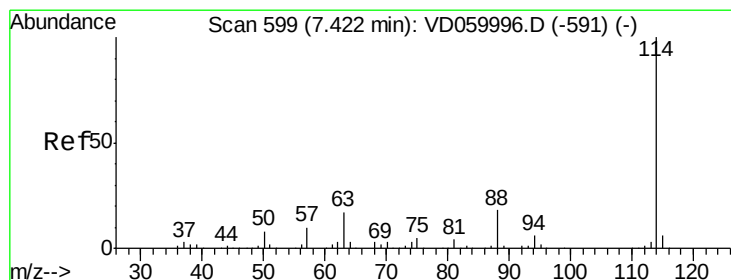
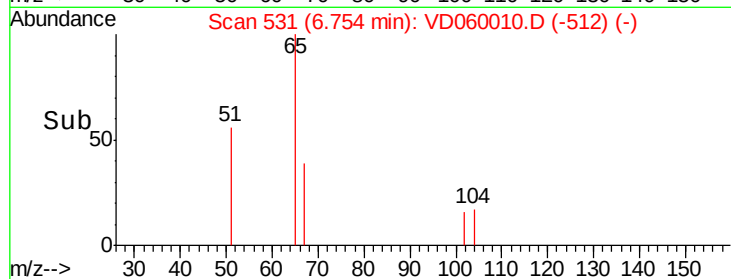
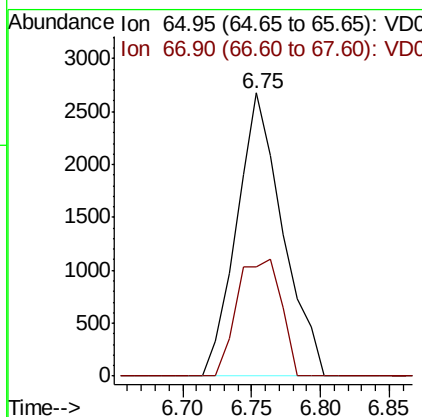
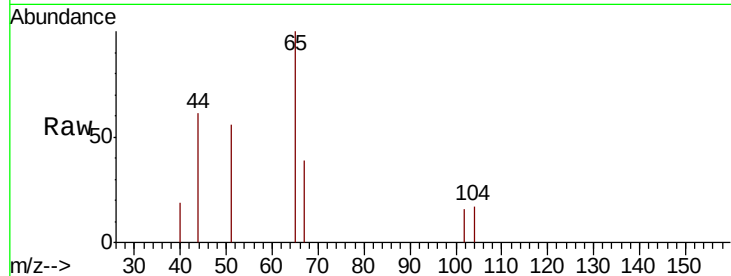




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.75 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VD060010.D
 Acq: 14 Sep 2018 15:15

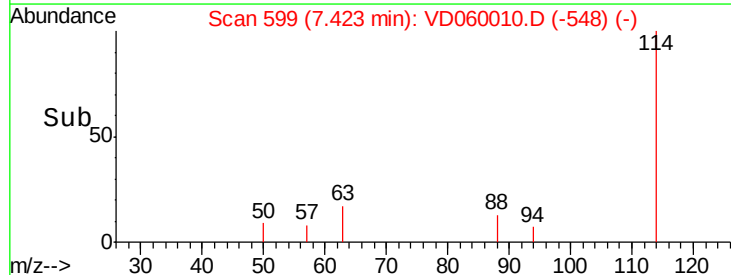
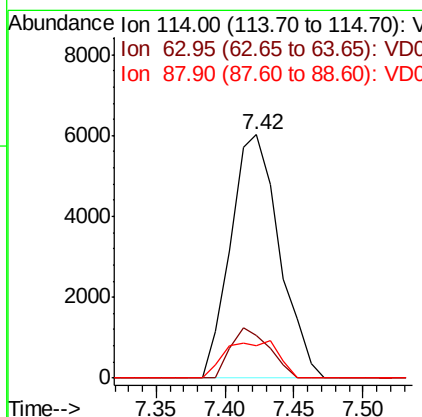
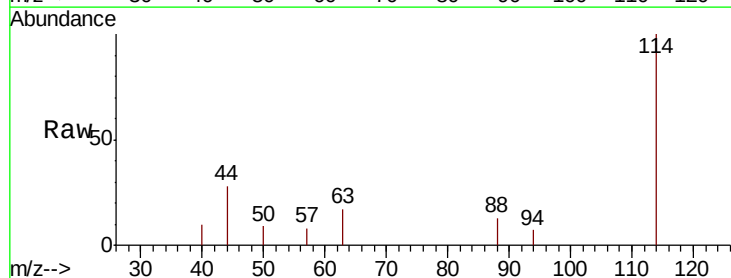
Instrument :
 MSVOA_D
 ClientSampleId :
 292RE

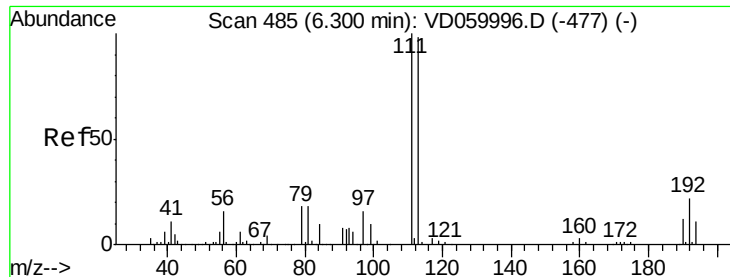
Tot Ion: 65 Resp: 6187
 Ion Ratio Lower Upper
 65 100
 67 38.7 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.42 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: VD060010.D
 Acq: 14 Sep 2018 15:15

Tgt Ion: 114 Resp: 14803
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 34.4
 88 13.3 0.0 35.8





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.29 min Scan# 484

Delta R.T. -0.01 min

Lab File: VD060010.D

Acq: 14 Sep 2018 15:15

Instrument :

MSVOA_D

ClientSampleId :

292RE

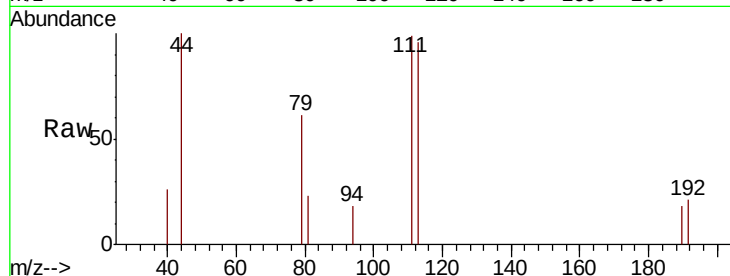
Tot Ion:113 Resp: 5311

Ion Ratio Lower Upper

113 100

111 102.8 81.3 121.9

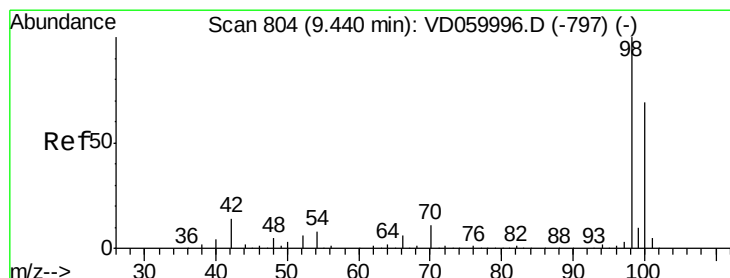
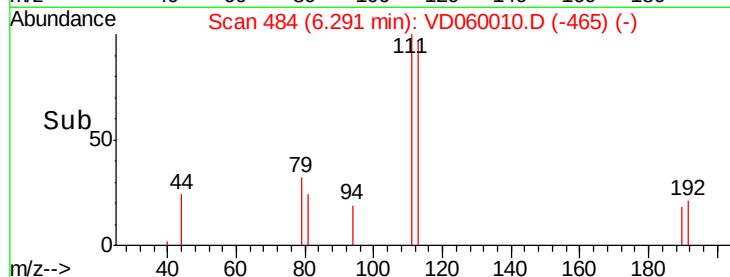
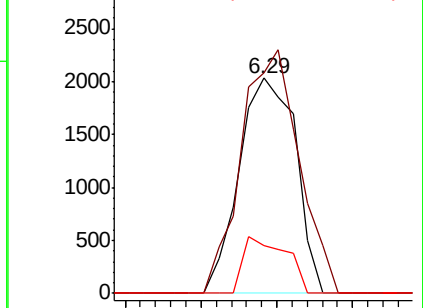
192 22.0 18.1 27.1



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: 9.44 min Scan# 804

Delta R.T. 0.00 min

Lab File: VD060010.D

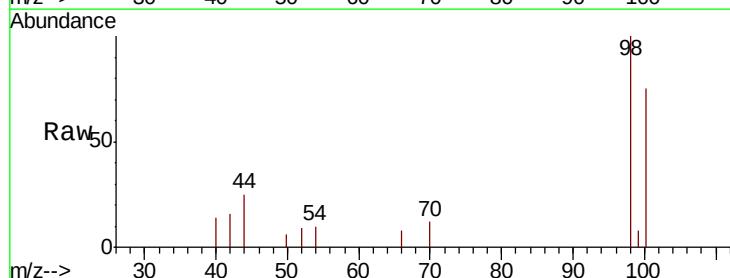
Acq: 14 Sep 2018 15:15

Tgt Ion: 98 Resp: 12954

Ion Ratio Lower Upper

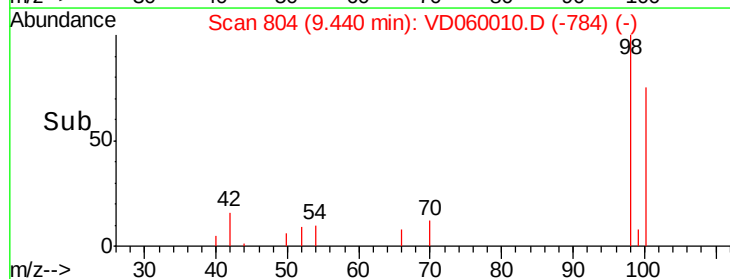
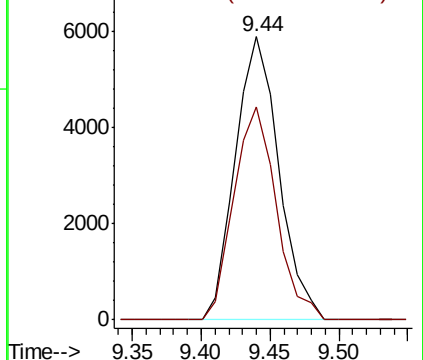
98 100

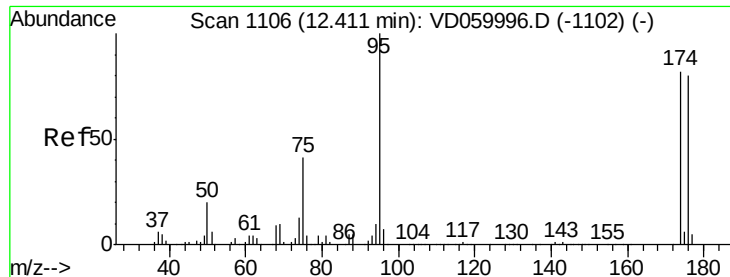
100 75.1 55.8 83.6



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: 12.42 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VD060010.D

Acq: 14 Sep 2018 15:15

Instrument :

MSVOA_D

ClientSampleId :

292RE

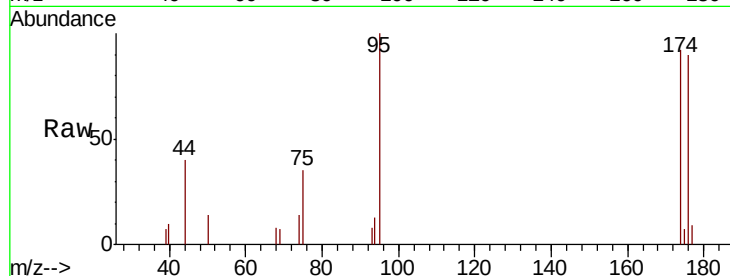
Tot Ion: 95 Resp: 6161

Ion Ratio Lower Upper

95 100

174 92.0 0.0 165.0

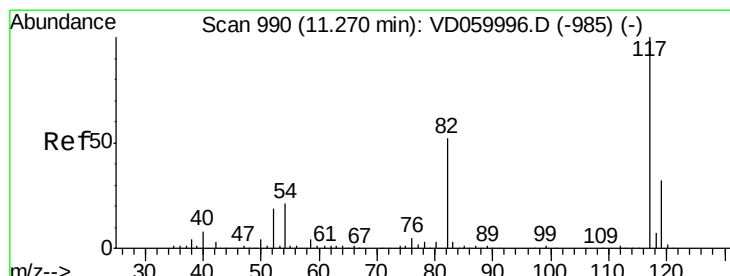
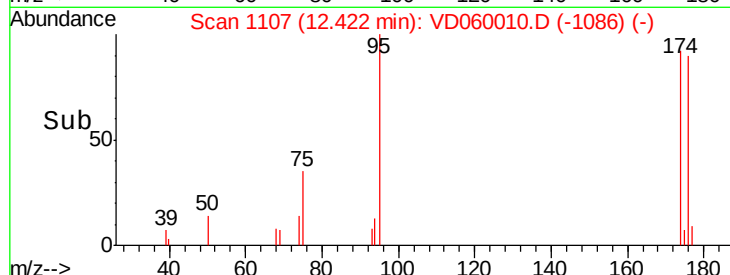
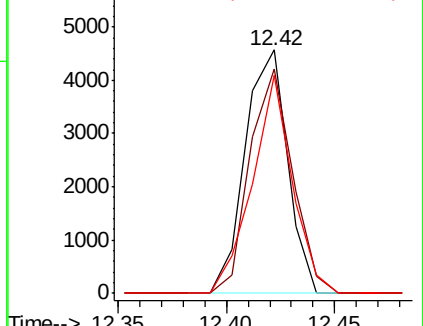
176 89.5 0.0 160.2



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: 50.00 ug/l

RT: 11.27 min Scan# 990

Delta R.T. 0.00 min

Lab File: VD060010.D

Acq: 14 Sep 2018 15:15

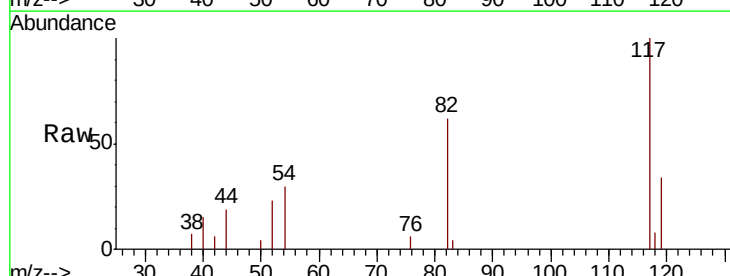
Tgt Ion: 117 Resp: 12818

Ion Ratio Lower Upper

117 100

82 61.6 41.7 62.5

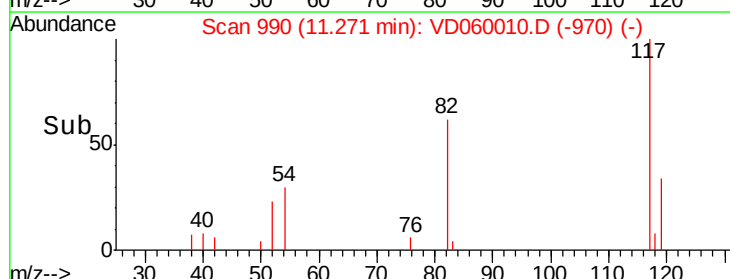
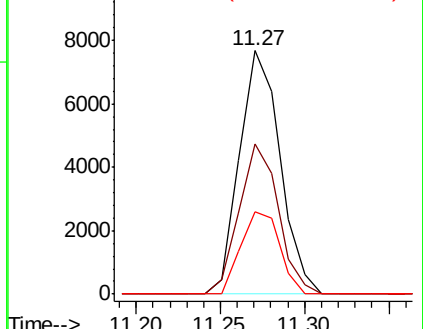
119 33.8 26.0 39.0

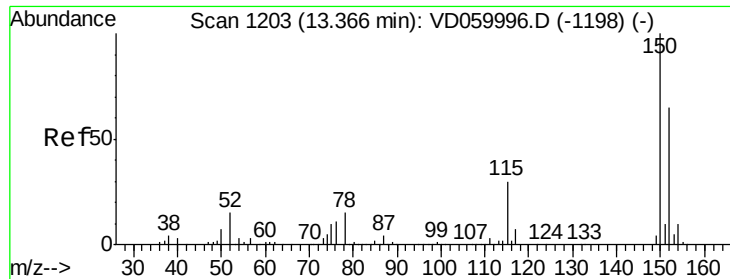


Abundance Ion 116.95 (116.65 to 117.65): V

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: 13.37 min Scan# 1203

Delta R.T. 0.00 min

Lab File: VD060010.D

Acq: 14 Sep 2018 15:15

Instrument :

MSVOA_D

ClientSampleId :

292RE

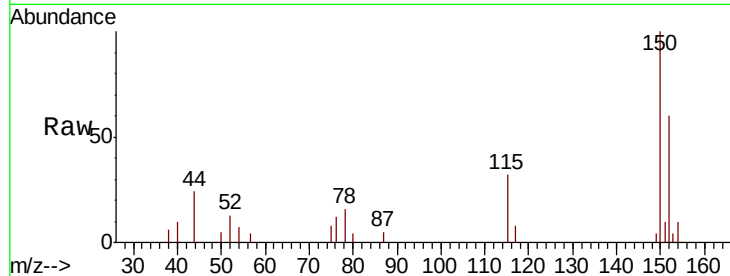
Tot Ion:152 Resp: 6209

Ion Ratio Lower Upper

152 100

115 54.0 24.6 73.8

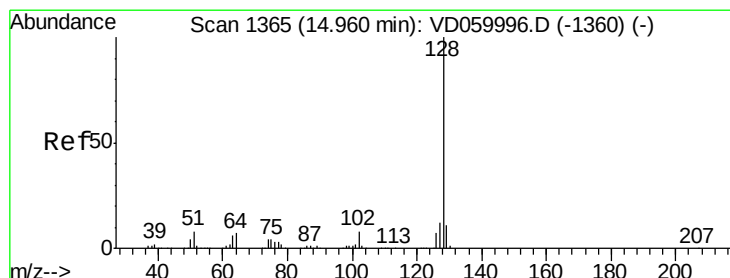
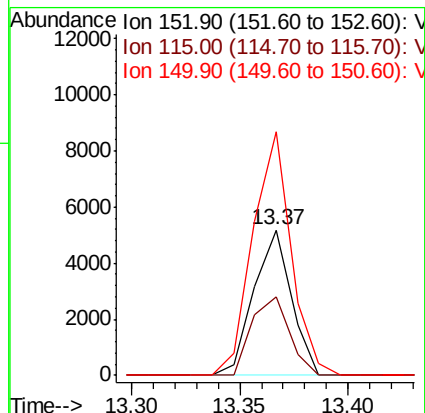
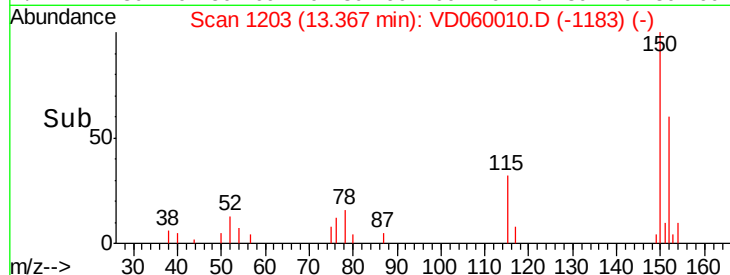
150 167.7 0.0 313.4



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



#95

Naphthalene

Concen: 9.53 ug/l

RT: 14.96 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VD060010.D

Acq: 14 Sep 2018 15:15

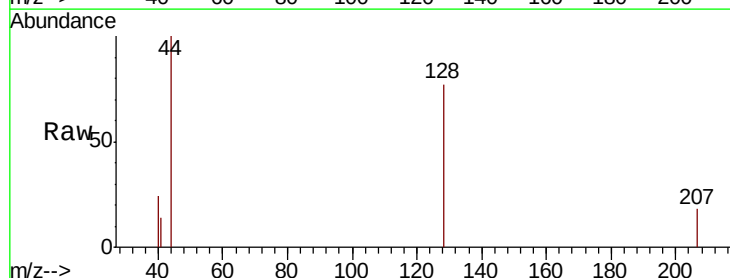
Tgt Ion:128 Resp: 2139

Ion Ratio Lower Upper

128 100

127 0.0 9.7 14.5#

129 0.0 8.9 13.3#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

