

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
 Data File : VD058311.D
 Acq On : 22 Jun 2018 22:09
 Operator : VA/AP
 Sample : J3593-01RE
 Misc : 7.08g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S39-9005RE

Quant Time: Jun 23 00:08:29 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

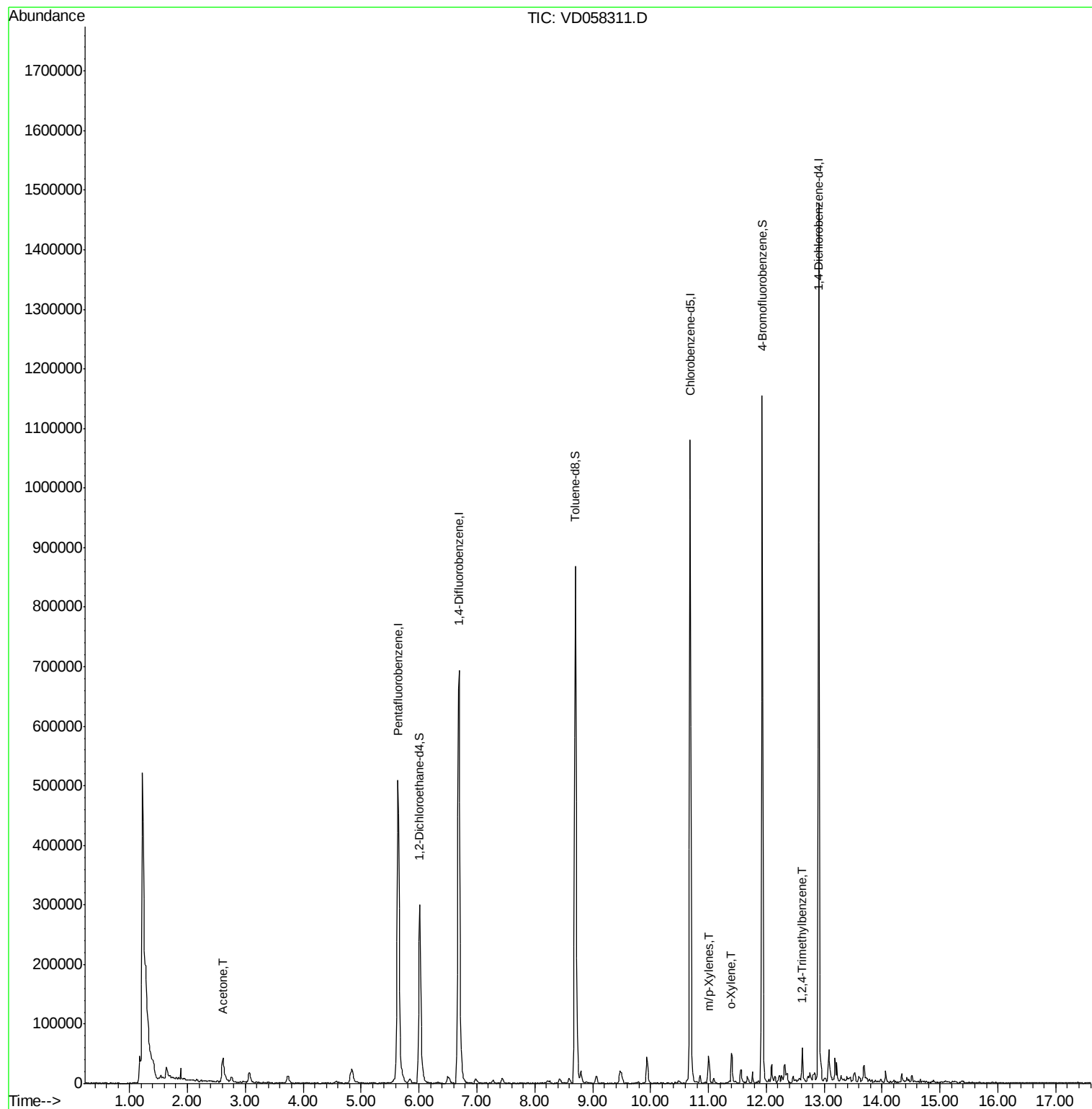
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	515541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	715902	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	606213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	300236	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	319421	61.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.68%	
35) Dibromofluoromethane	5.55	113	2362	0.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	0.82%	
50) Toluene-d8	8.70	98	685771	48.65	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	97.30%	
62) 4-Bromofluorobenzene	11.93	95	298657	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
Target Compounds						
16) Acetone	2.62	43	85388	119.90	ug/l	# 92
68) m/p-Xylenes	11.00	106	13777	2.06	ug/l	78
69) o-Xylene	11.40	106	10849	1.70	ug/l	95
84) 1,2,4-Trimethylbenzene	12.62	105	25937	1.70	ug/l	92

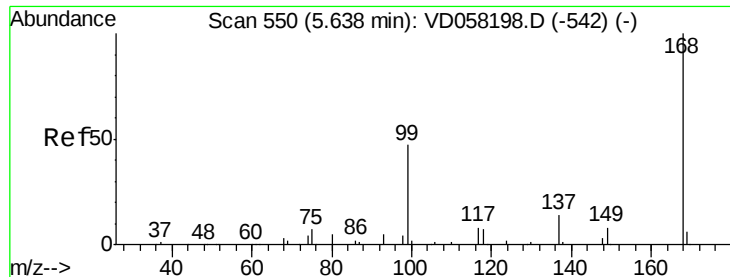
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062218\
Data File : VD058311.D
Acq On : 22 Jun 2018 22:09
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Sample : J3593-01RE
Misc : 7.08g/5ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S39-9005RE

Quant Time: Jun 23 00:08:29 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.00 min

Lab File: VD058311.D

Acq: 22 Jun 2018 22:09

Instrument :

MSVOA_D

ClientSampleId :

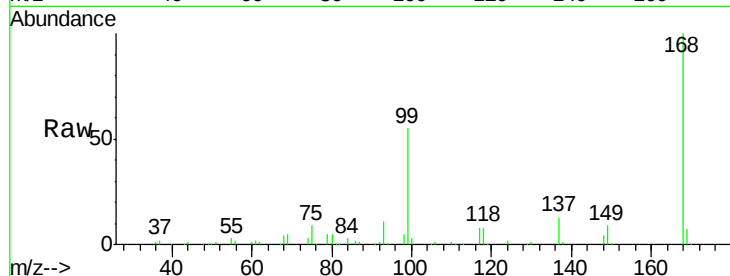
S39-9005RE

Tot Ion:168 Resp: 515541

Ion Ratio Lower Upper

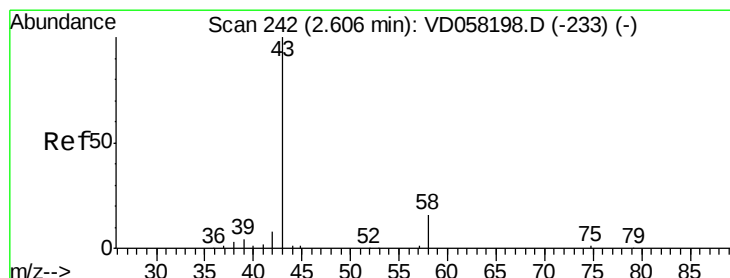
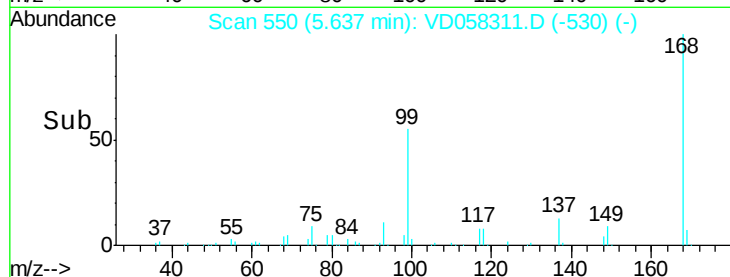
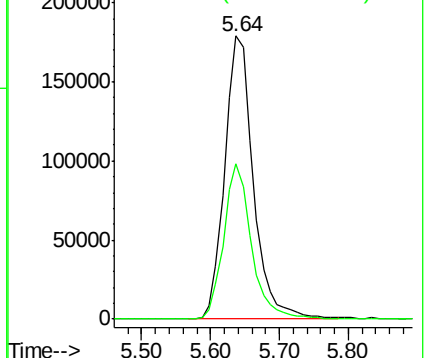
168 100

99 54.8 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: 119.90 ug/l

RT: 2.62 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD058311.D

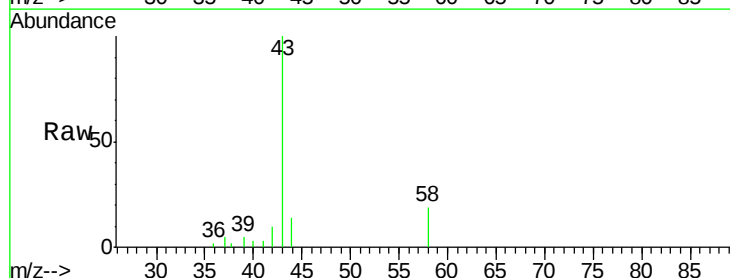
Acq: 22 Jun 2018 22:09

Tgt Ion: 43 Resp: 85388

Ion Ratio Lower Upper

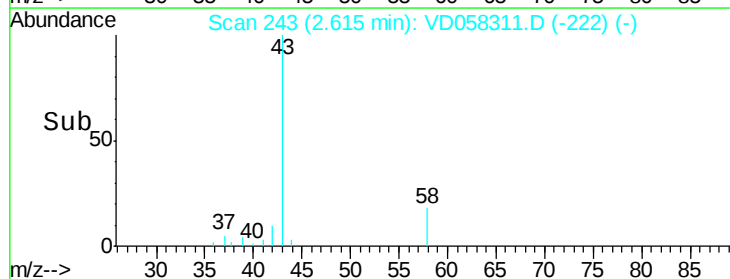
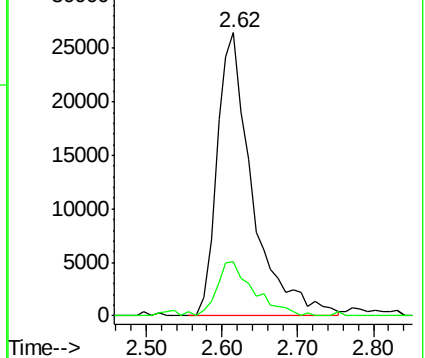
43 100

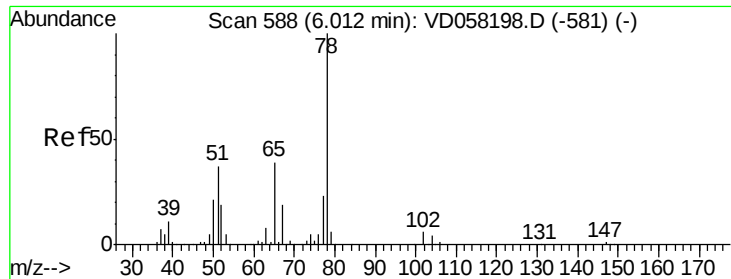
58 19.1 12.7 19.1#



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: Below ug/l

RT: 6.01 min Scan# 588

Delta R.T. -0.00 min

Lab File: VD058311.D

Acq: 22 Jun 2018 22:09

Instrument :

MSVOA_D

ClientSampleId :

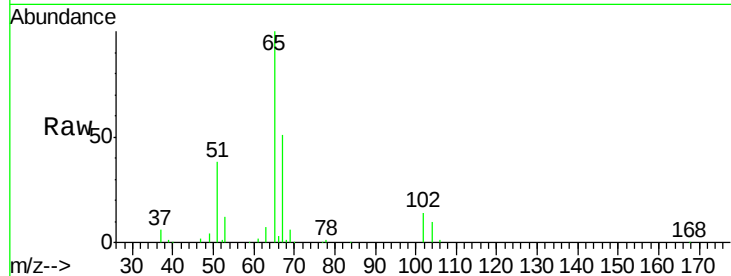
S39-9005RE

Tot Ion: 65 Resp: 319421

Ion Ratio Lower Upper

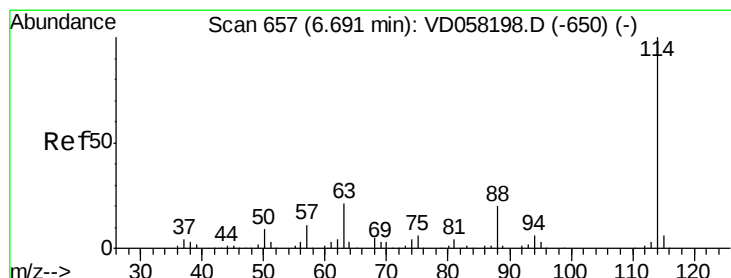
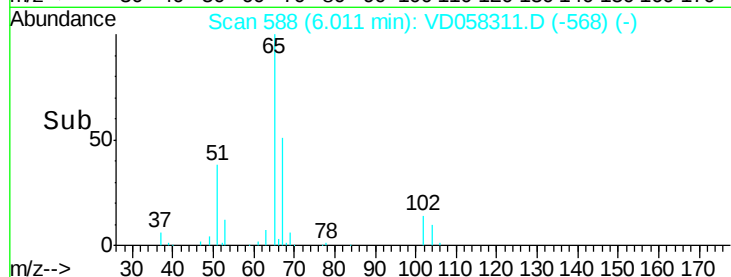
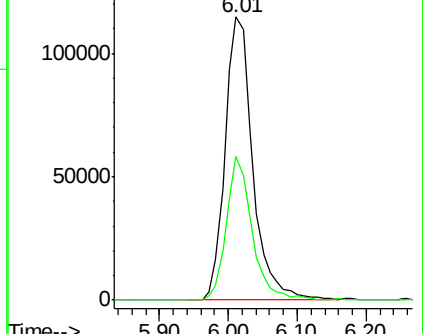
65 100

67 50.8 0.0 97.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.69 min Scan# 657

Delta R.T. -0.00 min

Lab File: VD058311.D

Acq: 22 Jun 2018 22:09

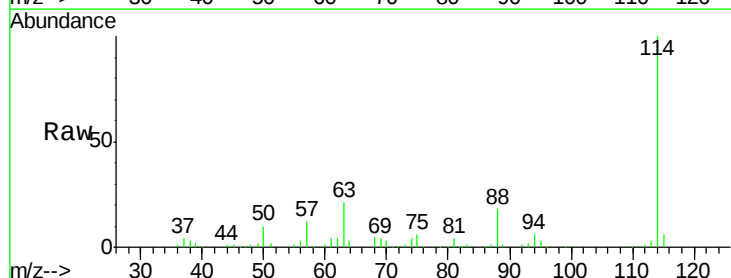
Tgt Ion: 114 Resp: 715902

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

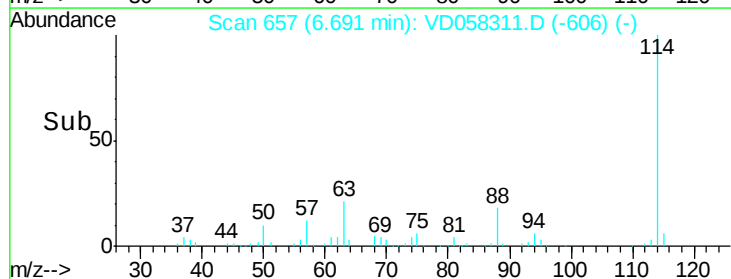
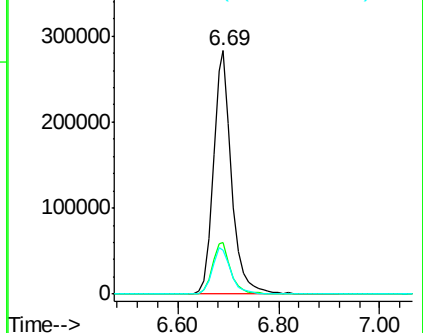
88 17.9 0.0 40.6

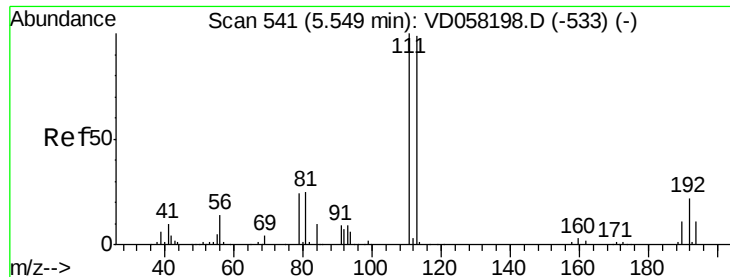


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.55 min Scan# 541

Delta R.T. -0.00 min

Lab File: VD058311.D

Acq: 22 Jun 2018 22:09

Instrument :

MSVOA_D

ClientSampleId :

S39-9005RE

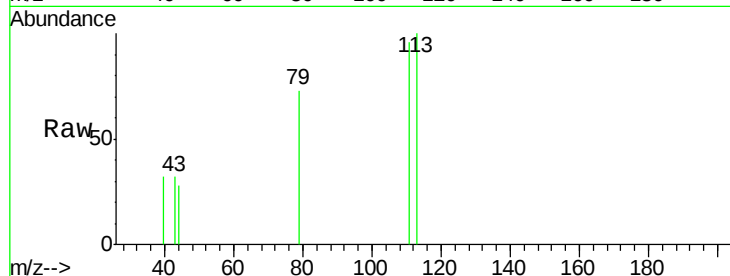
Tot Ion:113 Resp: 2362

Ion Ratio Lower Upper

113 100

111 96.1 80.6 121.0

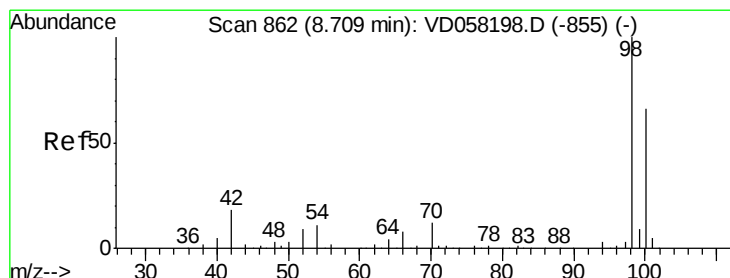
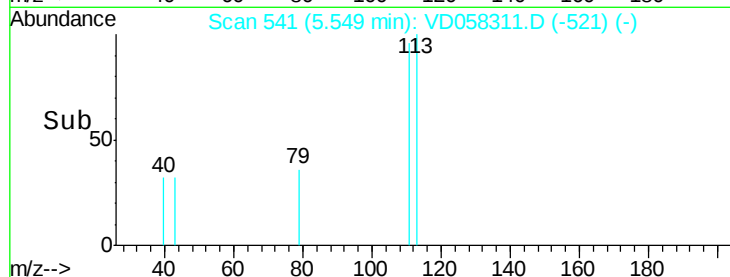
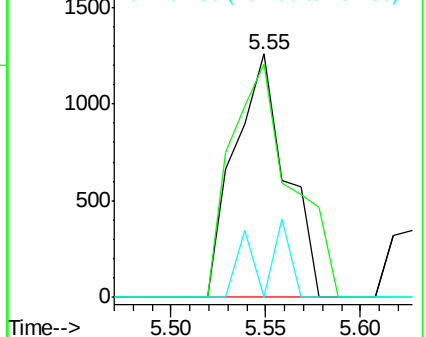
192 0.0 17.8 26.6#



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: 8.70 min Scan# 861

Delta R.T. -0.01 min

Lab File: VD058311.D

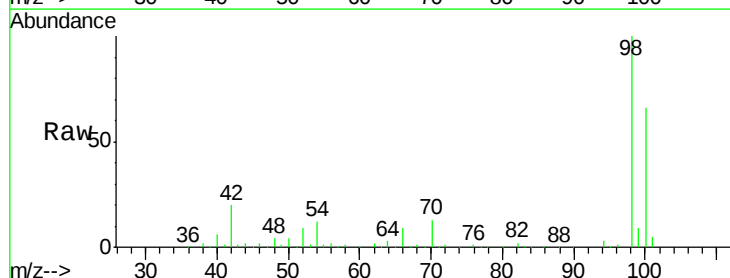
Acq: 22 Jun 2018 22:09

Tgt Ion: 98 Resp: 685771

Ion Ratio Lower Upper

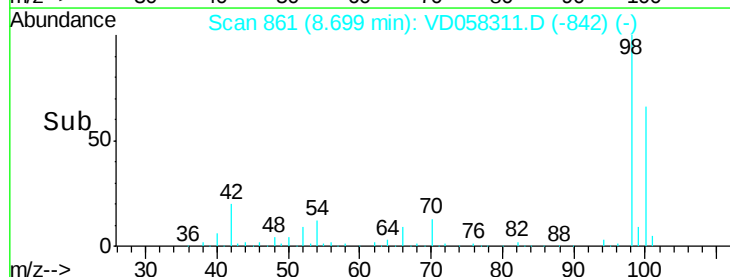
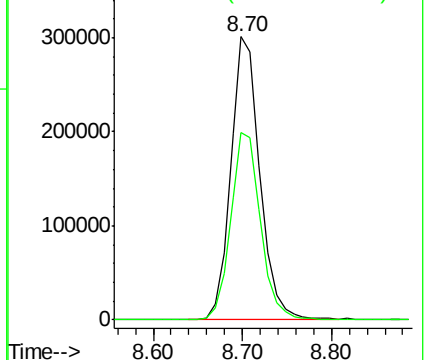
98 100

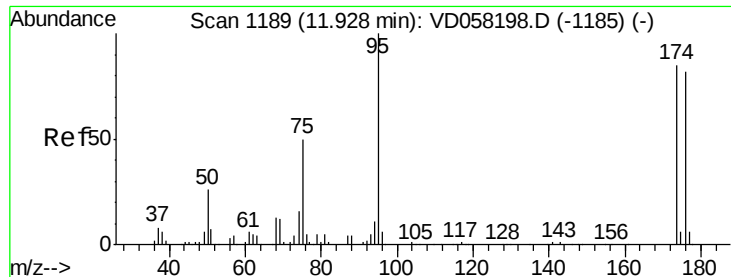
100 66.1 53.6 80.4



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: 11.93 min Scan# 1189

Delta R.T. -0.00 min

Lab File: VD058311.D

Acq: 22 Jun 2018 22:09

Instrument :

MSVOA_D

ClientSampleId :

S39-9005RE

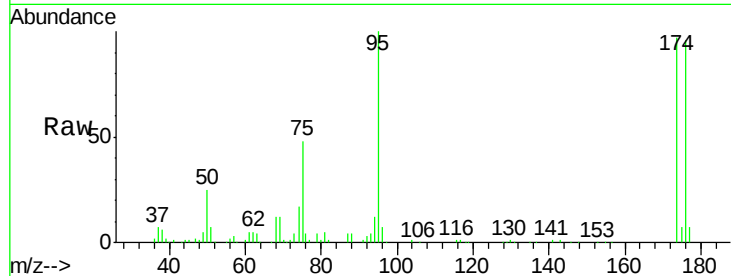
Tot Ion: 95 Resp: 298657

Ion Ratio Lower Upper

95 100

174 96.5 0.0 170.2

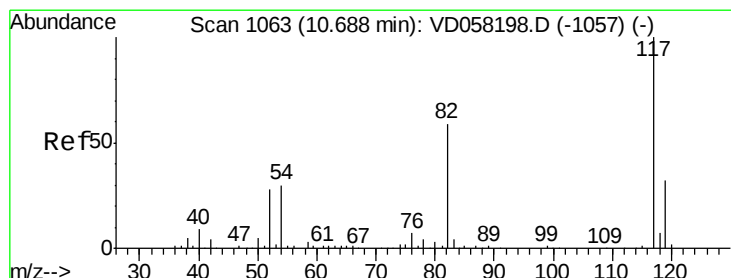
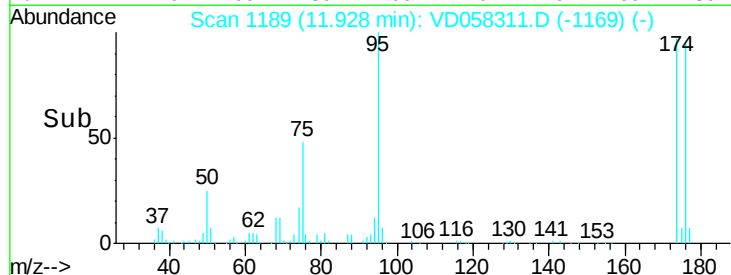
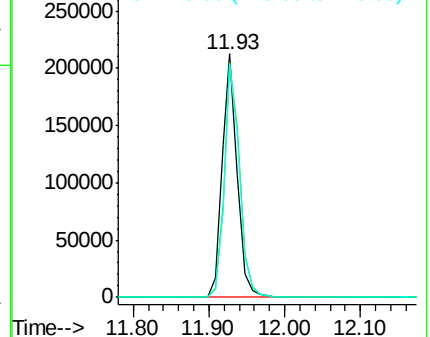
176 95.9 0.0 164.6



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: 10.69 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VD058311.D

Acq: 22 Jun 2018 22:09

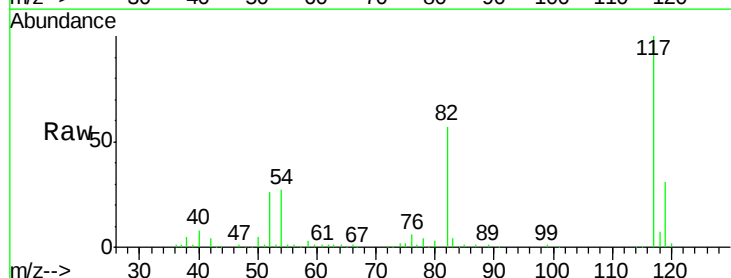
Tgt Ion: 117 Resp: 606213

Ion Ratio Lower Upper

117 100

82 57.2 47.0 70.6

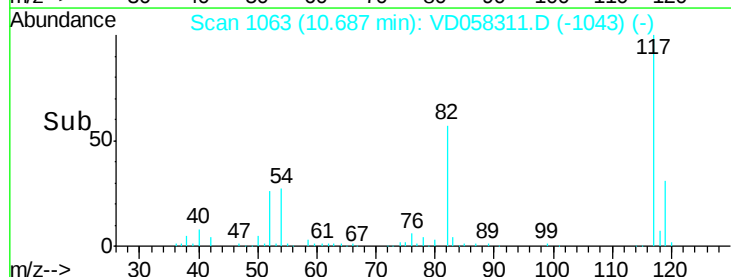
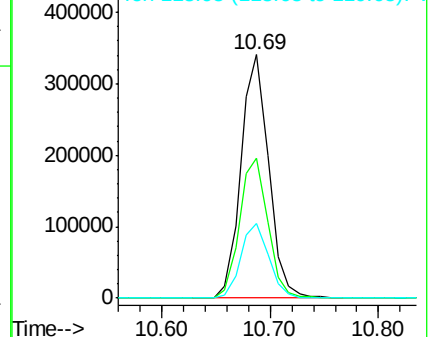
119 30.6 25.3 37.9

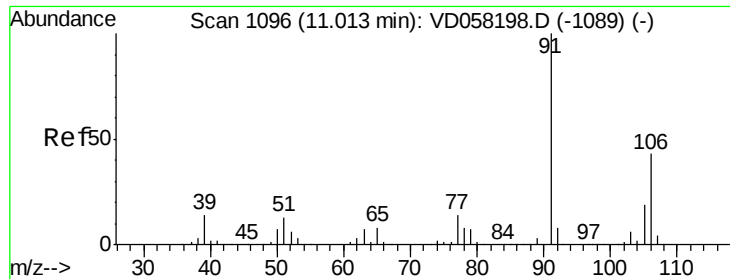


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

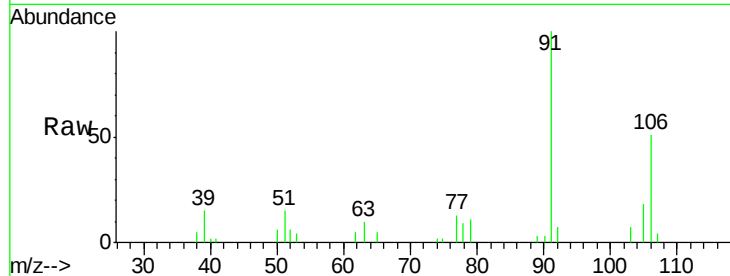




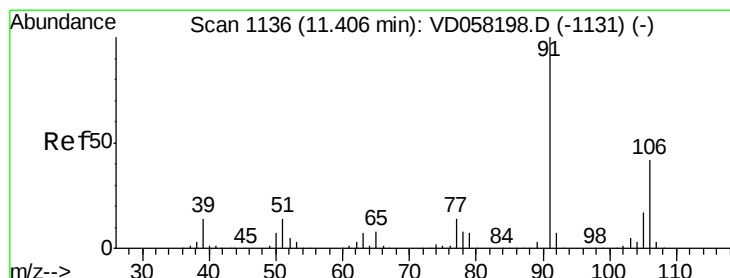
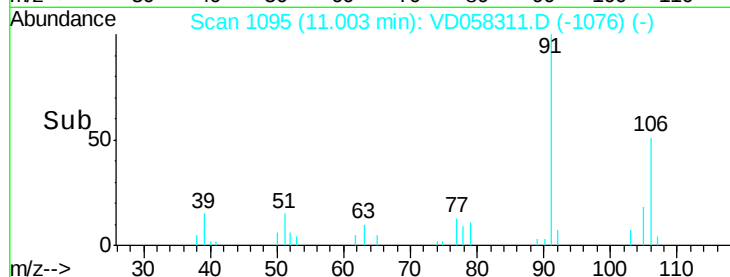
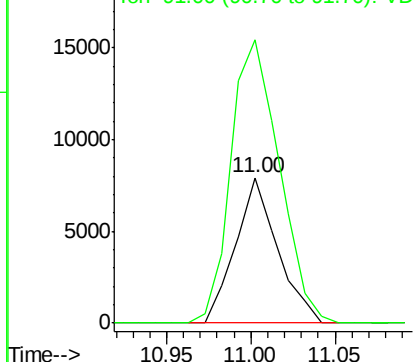
#68
m/p-Xylenes
Concen: 2.06 ug/l
RT: 11.00 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VD058311.D
Acq: 22 Jun 2018 22:09

Instrument :
MSVOA_D
ClientSampleId :
S39-9005RE

Tot Ion:106 Resp: 13777
Ion Ratio Lower Upper
106 100
91 194.2 185.0 277.6

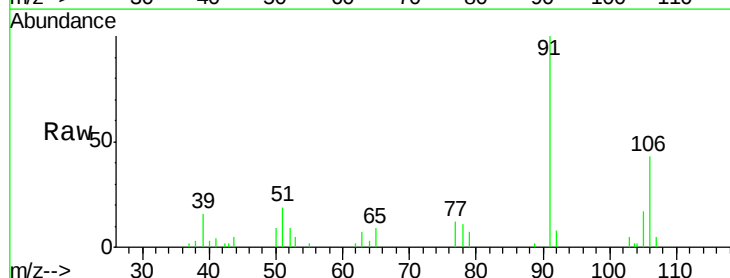


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

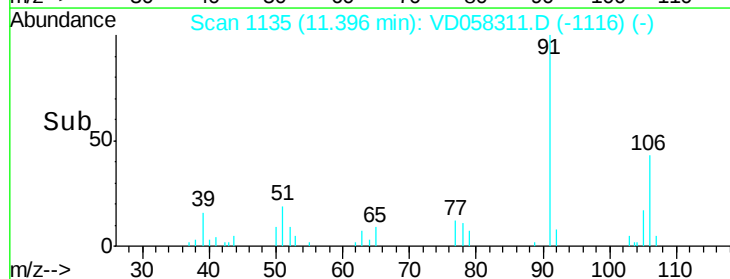
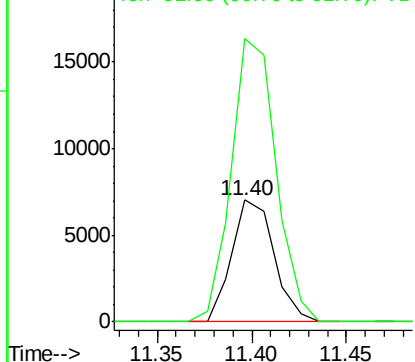


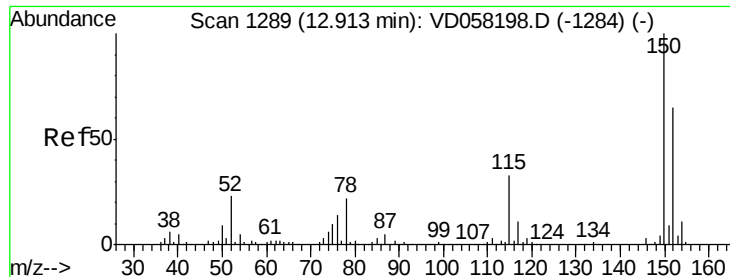
#69
o-Xylene
Concen: 1.70 ug/l
RT: 11.40 min Scan# 1135
Delta R.T. -0.01 min
Lab File: VD058311.D
Acq: 22 Jun 2018 22:09

Tgt Ion:106 Resp: 10849
Ion Ratio Lower Upper
106 100
91 232.3 120.2 360.6



Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.90 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD058311.D

Acq: 22 Jun 2018 22:09

Instrument :

MSVOA_D

ClientSampleId :

S39-9005RE

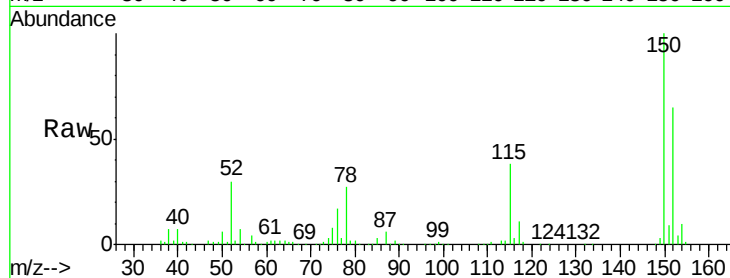
Tot Ion:152 Resp: 300236

Ion Ratio Lower Upper

152 100

115 59.1 25.1 75.3

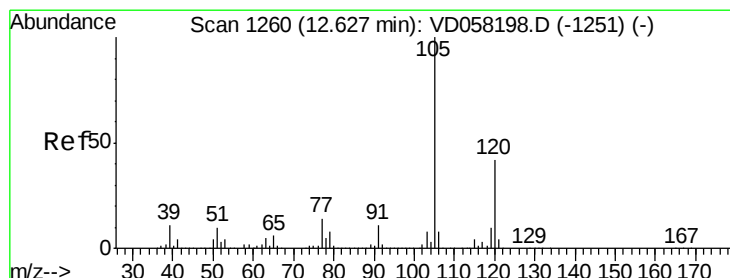
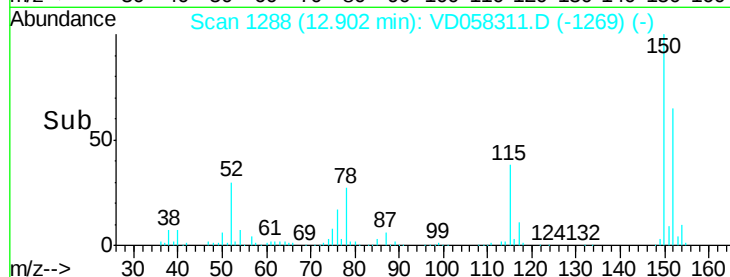
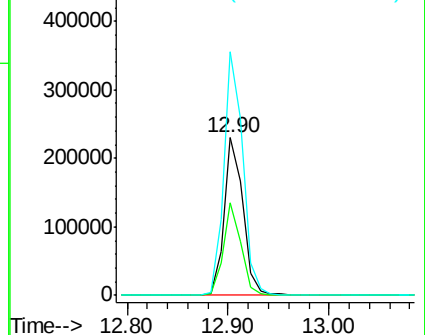
150 154.7 0.0 308.8



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



#84

1,2,4-Trimethylbenzene

Concen: 1.70 ug/l

RT: 12.62 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VD058311.D

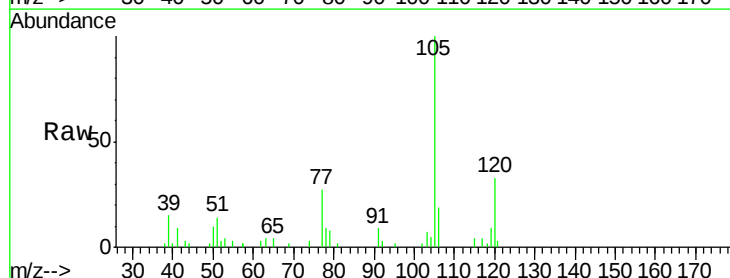
Acq: 22 Jun 2018 22:09

Tgt Ion:105 Resp: 25937

Ion Ratio Lower Upper

105 100

120 36.4 20.8 62.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

