

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060818\
 Data File : VD058026.D
 Acq On : 8 Jun 2018 19:06
 Operator : VA/AP
 Sample : J3247-01
 Misc : 5.95g/5ml/MSVOA D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-060718

Quant Time: Jun 09 01:24:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	585772	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	750781	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.68	117	518102	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	245153	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.00	65	330764	56.48	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	112.96%	
35) Dibromofluoromethane	5.54	113	345408	59.46	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	118.92%	
50) Toluene-d8	8.70	98	493528	35.74	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	71.48%	
62) 4-Bromofluorobenzene	11.93	95	278561	46.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.48%	

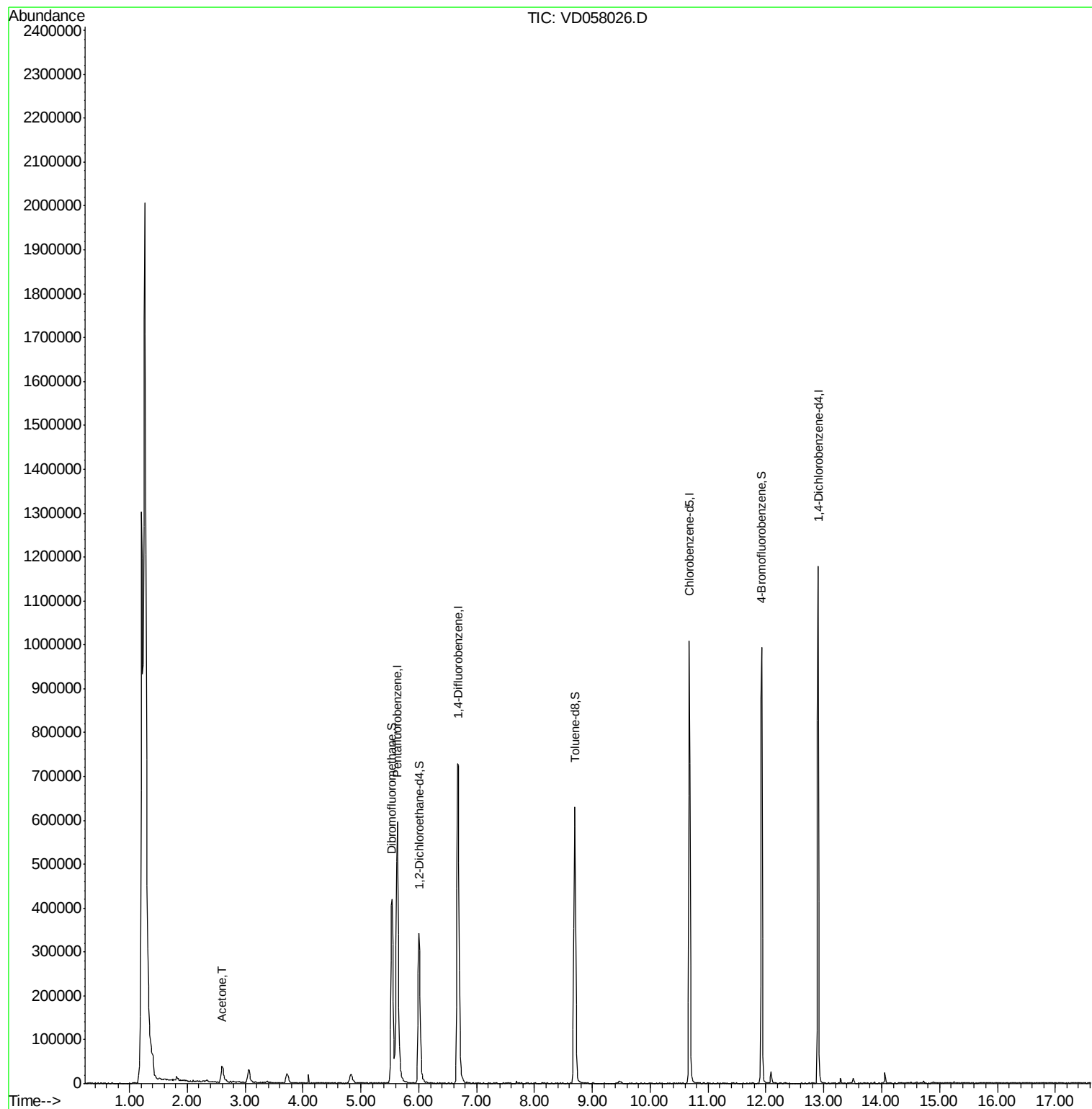
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.60	43	84496	100.15	ug/l	# 86

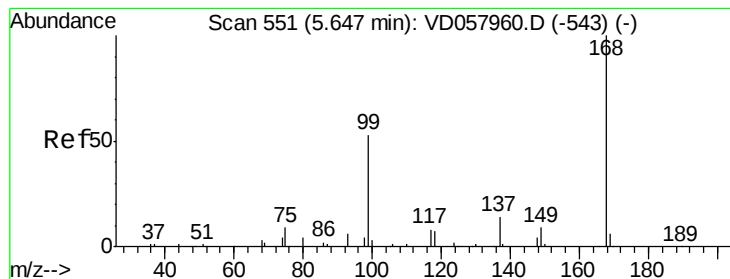
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD060818\
Data File : VD058026.D
Acq On : 8 Jun 2018 19:06
Operator : VA/AP
Sample : J3247-01
Misc : 5.95g/5ml/MSVOA D/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
OR-02-060718

Quant Time: Jun 09 01:24:58 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.02 min

Lab File: VD058026.D

Acq: 8 Jun 2018 19:06

Instrument :

MSVOA_D

ClientSampleId :

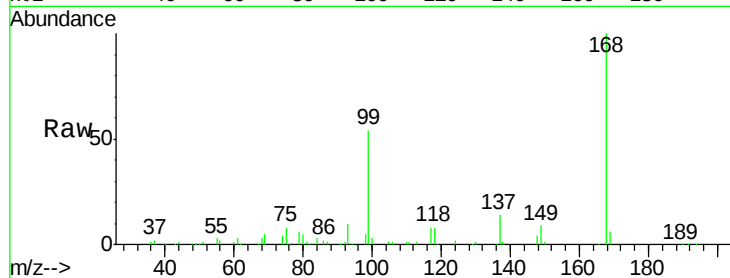
OR-02-060718

Tot Ion:168 Resp: 585772

Ion Ratio Lower Upper

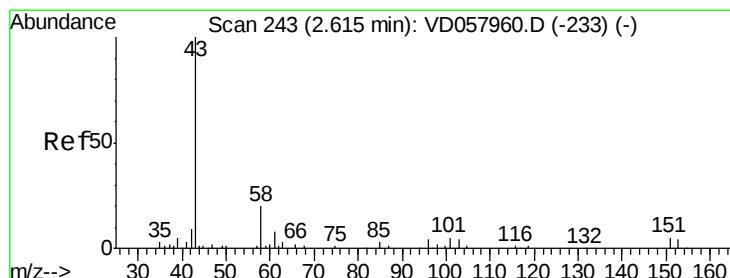
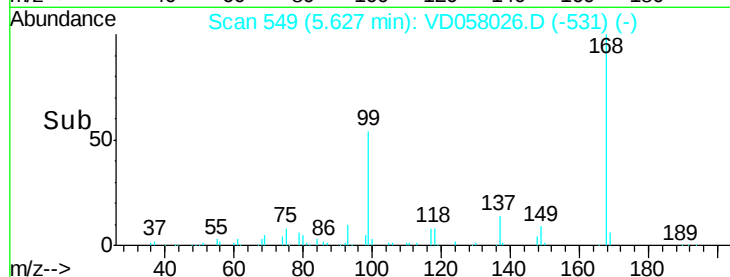
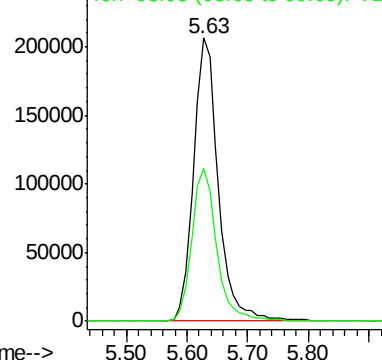
168 100

99 53.9 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 100.15 ug/l

RT: 2.60 min Scan# 241

Delta R.T. -0.02 min

Lab File: VD058026.D

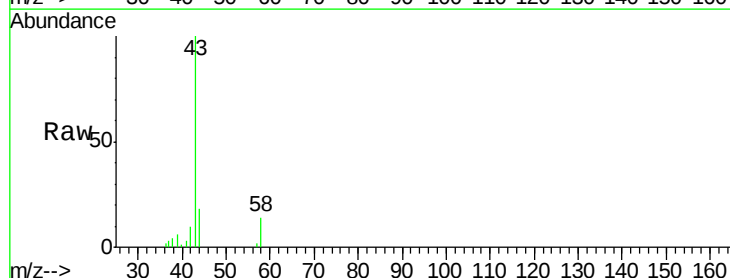
Acq: 8 Jun 2018 19:06

Tgt Ion: 43 Resp: 84496

Ion Ratio Lower Upper

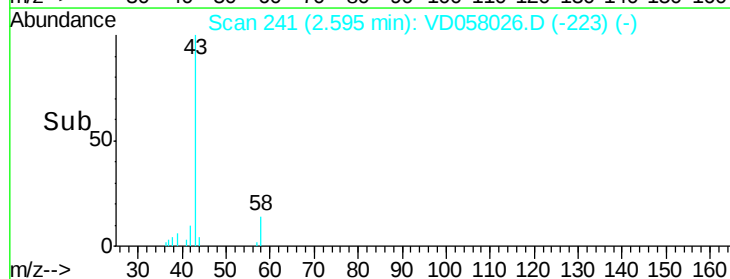
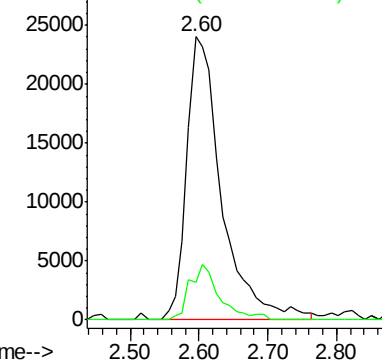
43 100

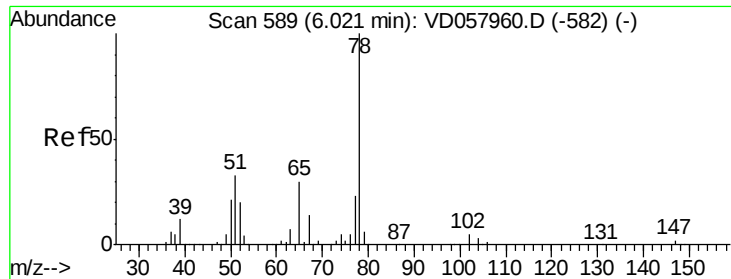
58 13.5 15.8 23.8#



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: 6.00 min Scan# 587

Delta R.T. -0.02 min

Lab File: VD058026.D

Acq: 8 Jun 2018 19:06

Instrument :

MSVOA_D

ClientSampleId :

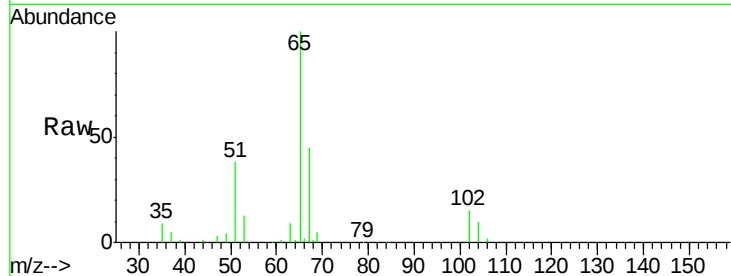
OR-02-060718

Tot Ion: 65 Resp: 330764

Ion Ratio Lower Upper

65 100

67 45.5 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.00

150000

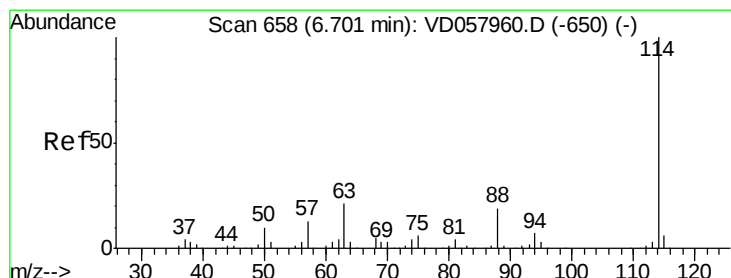
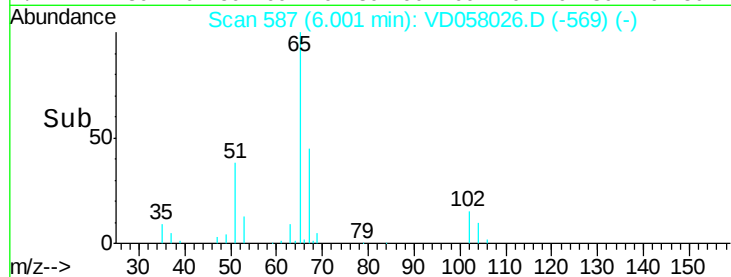
100000

50000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.68 min Scan# 656

Delta R.T. -0.02 min

Lab File: VD058026.D

Acq: 8 Jun 2018 19:06

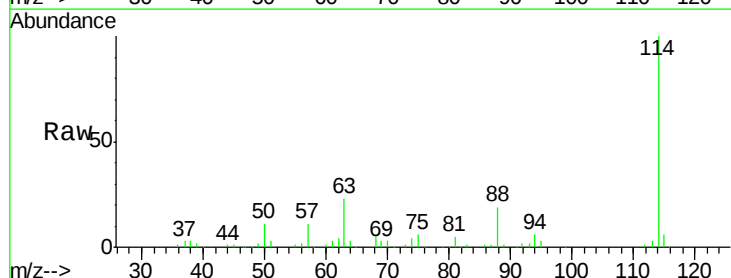
Tgt Ion: 114 Resp: 750781

Ion Ratio Lower Upper

114 100

63 22.8 0.0 42.8

88 18.9 0.0 37.8



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

6.68

400000

300000

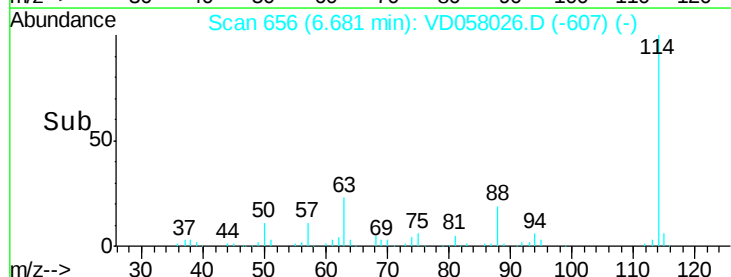
200000

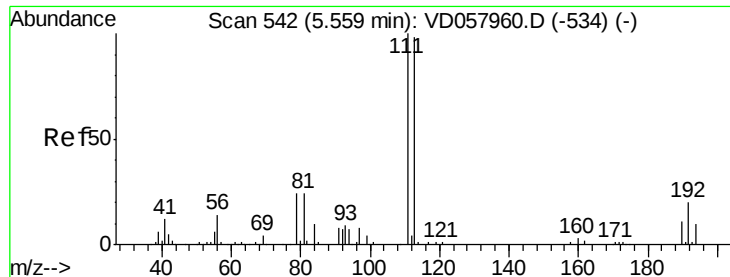
100000

0

Time-->

6.50 6.60 6.70 6.80 6.90





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.02 min

Lab File: VD058026.D

Acq: 8 Jun 2018 19:06

Instrument :

MSVOA_D

ClientSampleId :

OR-02-060718

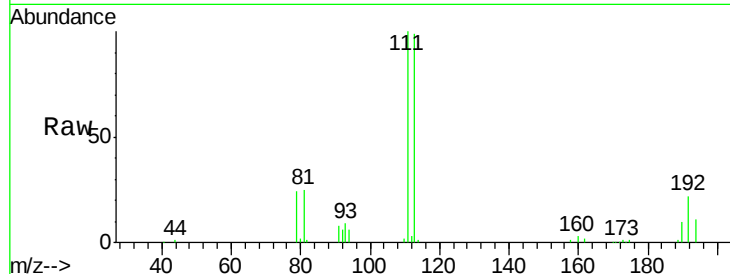
Tot Ion:113 Resp: 345408

Ion Ratio Lower Upper

113 100

111 101.2 81.5 122.3

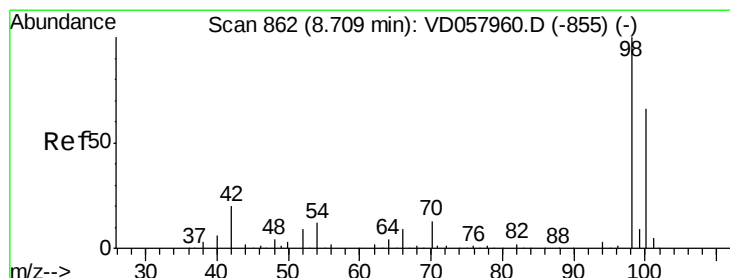
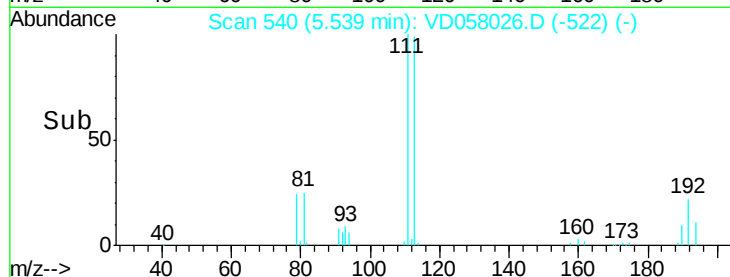
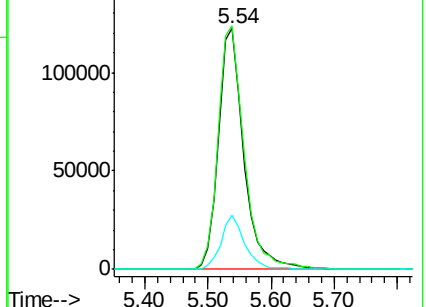
192 22.6 16.4 24.6



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: VD058026.D

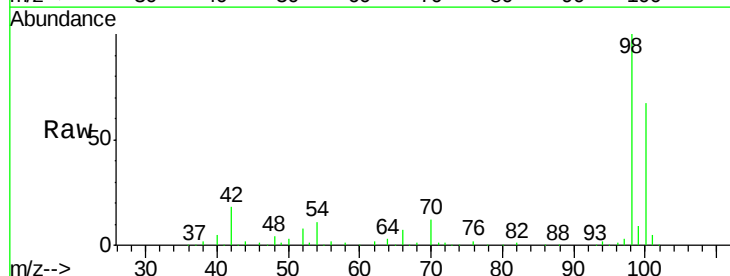
Acq: 8 Jun 2018 19:06

Tgt Ion: 98 Resp: 493528

Ion Ratio Lower Upper

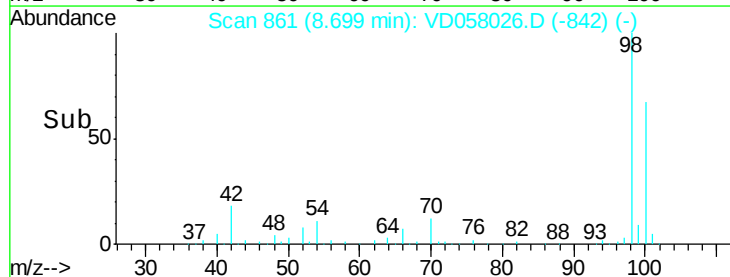
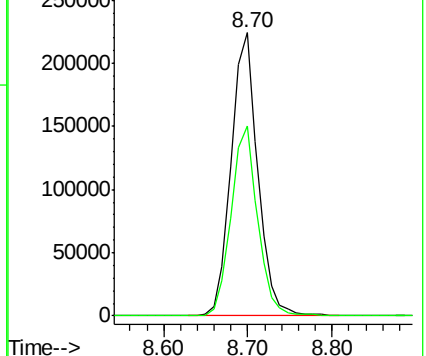
98 100

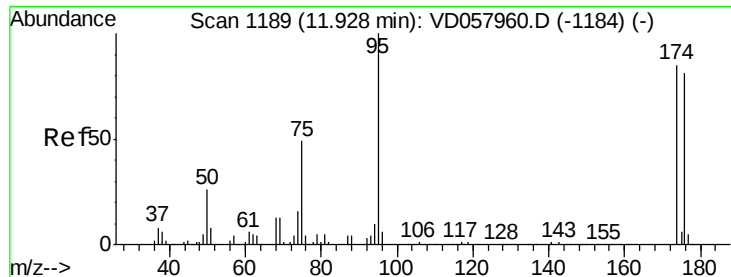
100 67.2 53.4 80.0



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: VD058026.D

Acq: 8 Jun 2018 19:06

Instrument :

MSVOA_D

ClientSampleId :

OR-02-060718

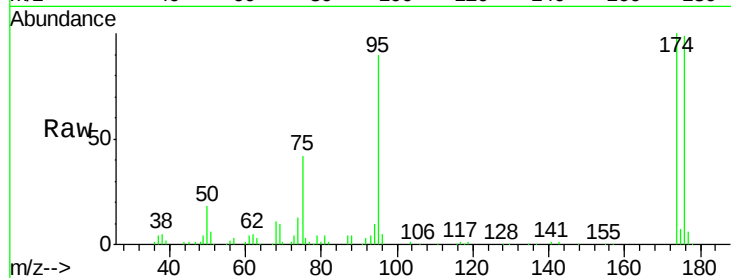
Tot Ion: 95 Resp: 278561

Ion Ratio Lower Upper

95 100

174 110.6 0.0 169.4

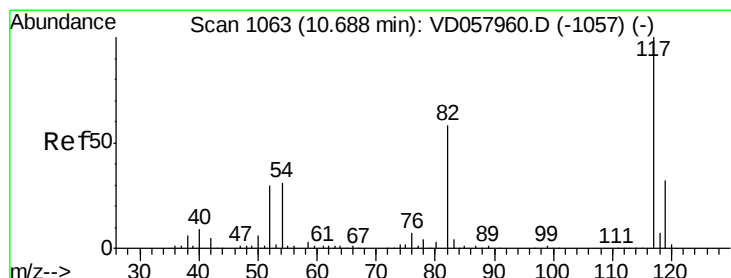
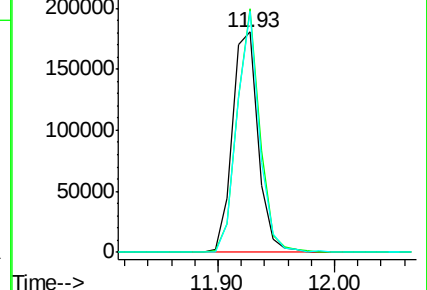
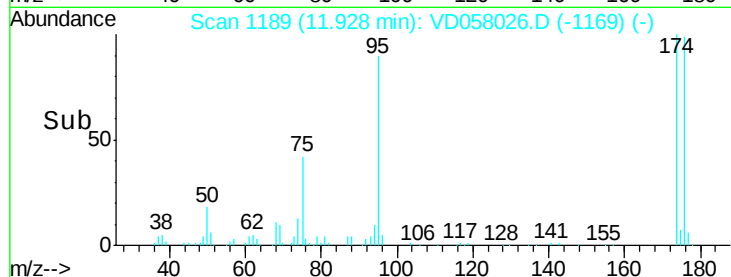
176 109.2 0.0 162.6



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: 10.68 min Scan# 1062

Delta R.T. -0.01 min

Lab File: VD058026.D

Acq: 8 Jun 2018 19:06

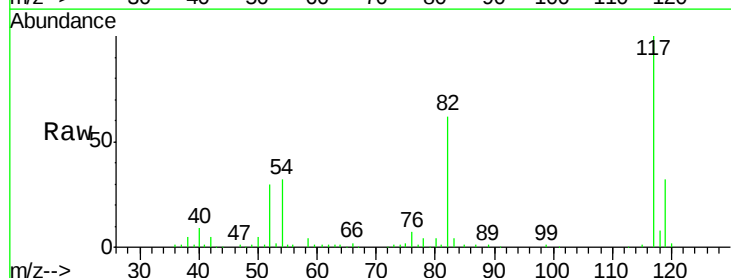
Tgt Ion: 117 Resp: 518102

Ion Ratio Lower Upper

117 100

82 61.9 46.8 70.2

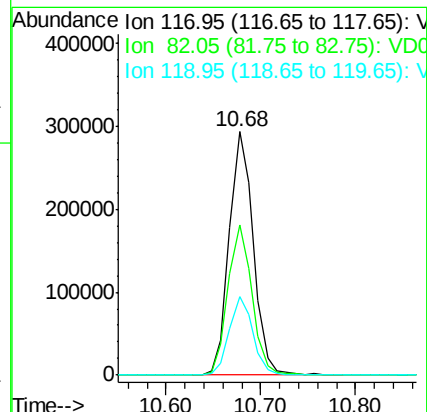
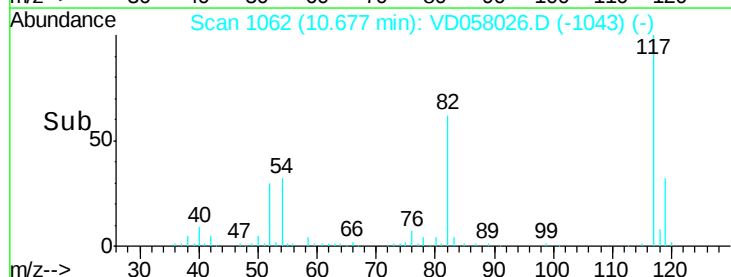
119 32.3 25.8 38.6

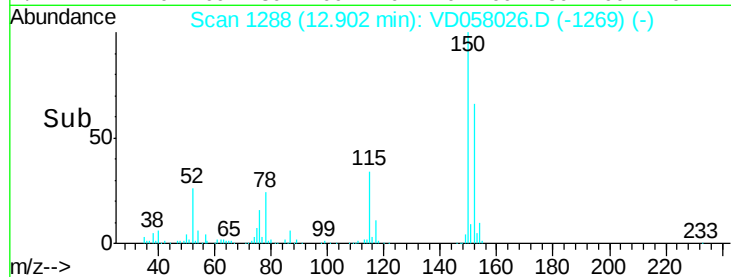
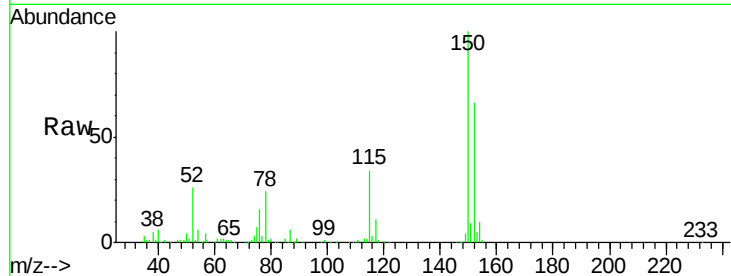
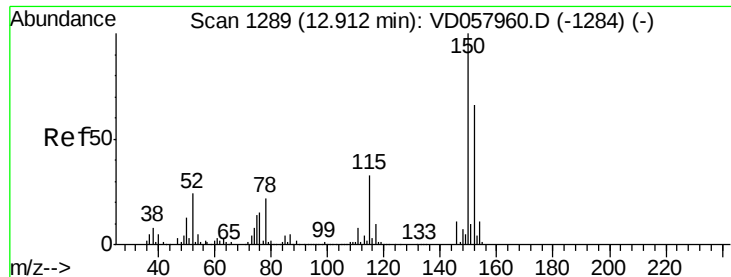


Abundance Ion 116.95 (116.65 to 117.65): V

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: 12.90 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD058026.D

Acq: 8 Jun 2018 19:06

Instrument :

MSVOA_D

ClientSampleId :

OR-02-060718

Tot Ion:152 Resp: 245153

Ion Ratio Lower Upper

152 100

115 51.1 25.6 76.6

150 151.3 0.0 306.8

