

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062018\
 Data File : VD058209.D
 Acq On : 20 Jun 2018 14:51
 Operator : VA/AP
 Sample : J3249-03
 Misc : 6.52g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-061818-B

Quant Time: Jun 21 03:03:27 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	5.65	168	793972	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.70	114	1011070	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.69	117	809903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	406971	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	390376	48.68	ug/l	0.01
Spiked Amount			Recovery	=	97.36%	
35) Dibromofluoromethane	5.55	113	404826	49.19	ug/l	0.00
Spiked Amount			Recovery	=	98.38%	
50) Toluene-d8	8.71	98	898488	45.13	ug/l	0.00
Spiked Amount			Recovery	=	90.26%	
62) 4-Bromofluorobenzene	11.93	95	356728	43.86	ug/l	0.00
Spiked Amount			Recovery	=	87.72%	

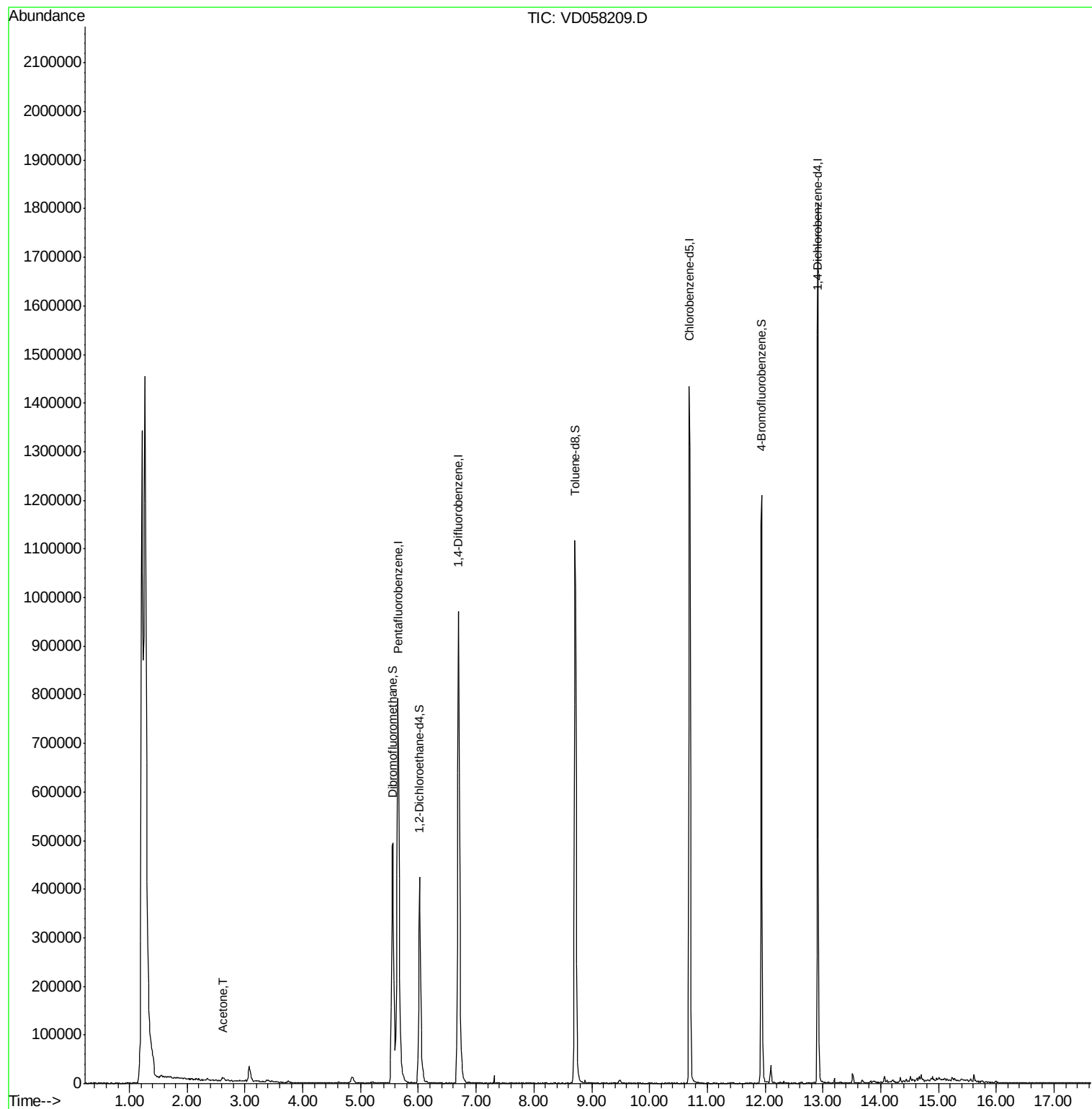
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.63	43	18082	16.49	ug/l	# 78

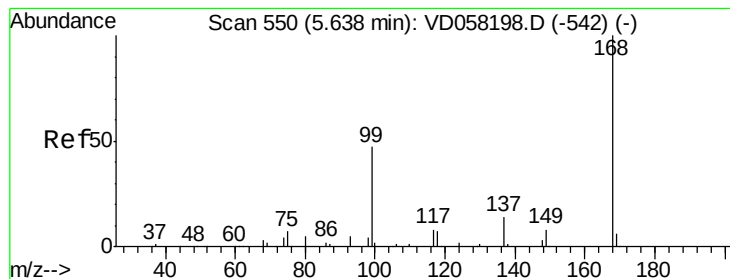
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 551

Delta R.T. 0.01 min

Lab File: VD058209.D

Acq: 20 Jun 2018 14:51

Instrument :

MSVOA_D

ClientSampleId :

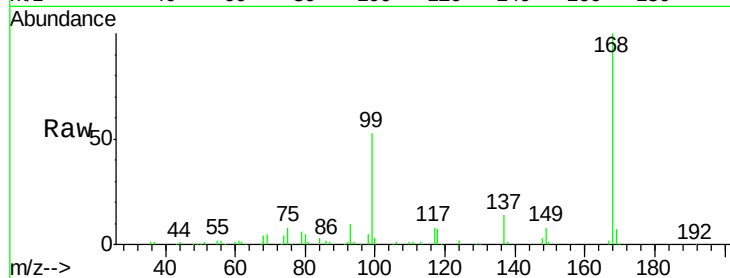
PL-01-061818-B

Tot Ion:168 Resp: 793972

Ion Ratio Lower Upper

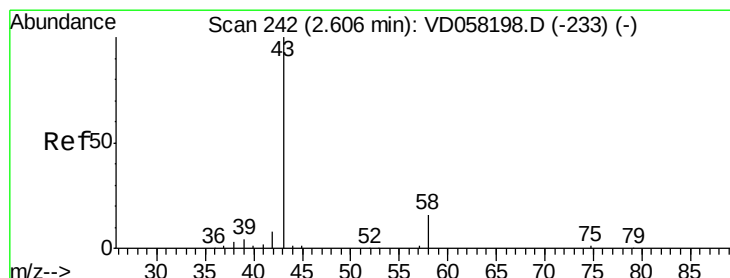
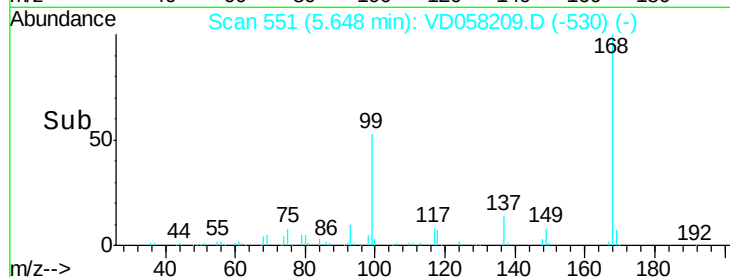
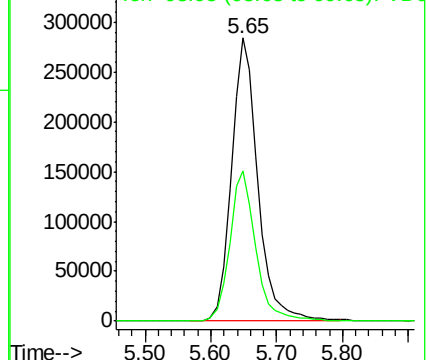
168 100

99 53.1 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: 16.49 ug/l

RT: 2.63 min Scan# 244

Delta R.T. 0.02 min

Lab File: VD058209.D

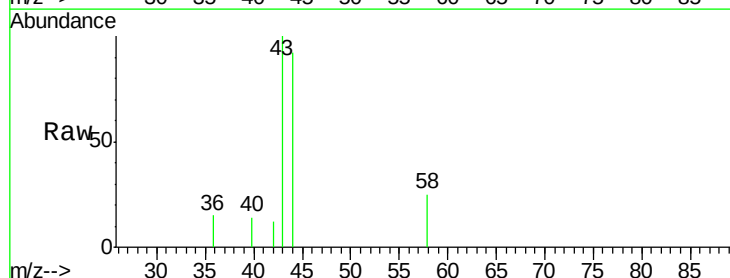
Acq: 20 Jun 2018 14:51

Tgt Ion: 43 Resp: 18082

Ion Ratio Lower Upper

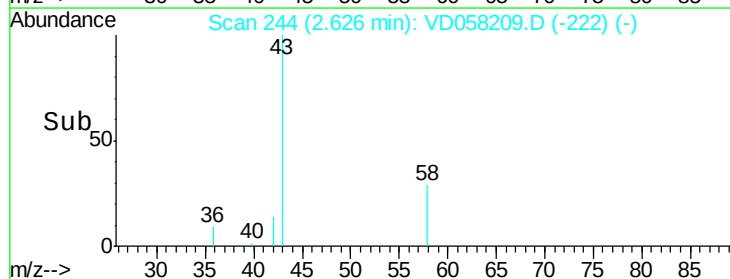
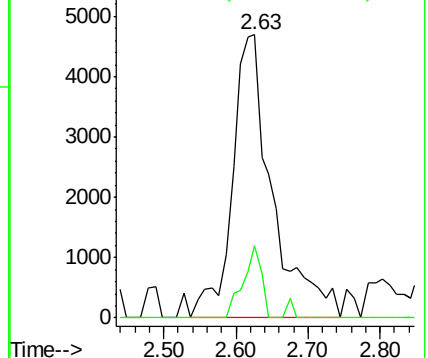
43 100

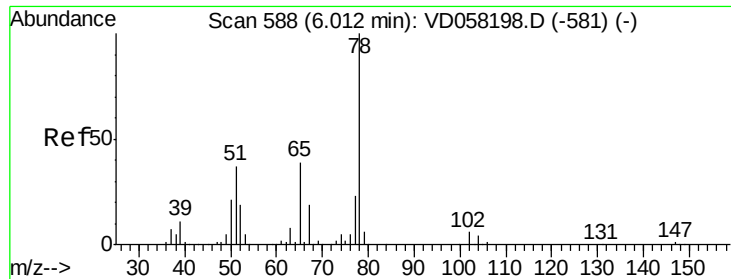
58 25.4 12.7 19.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

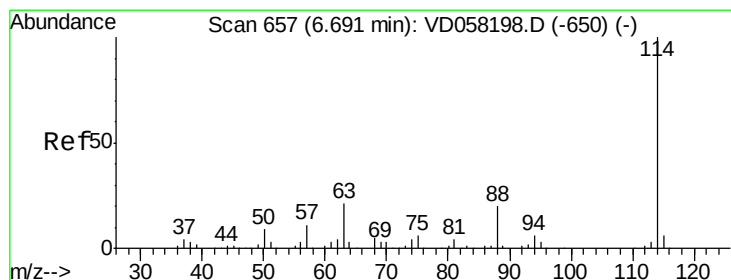
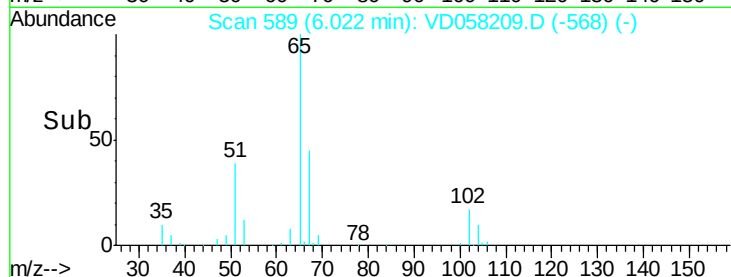
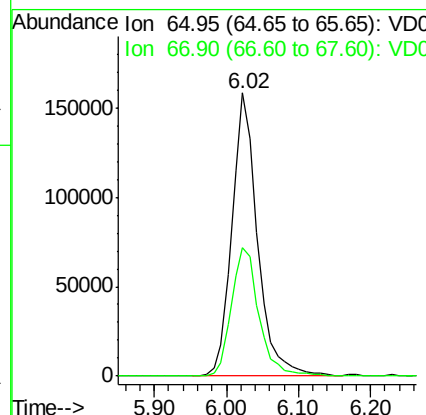
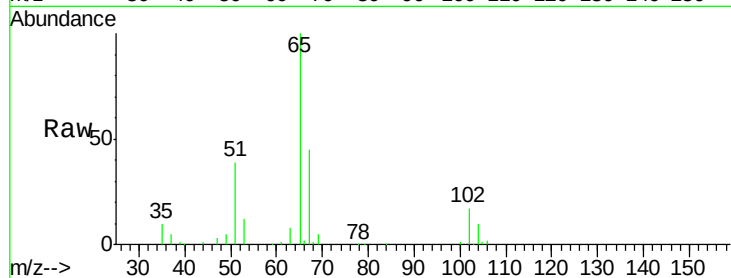




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.02 min Scan# 589
 Delta R.T. 0.01 min
 Lab File: VD058209.D
 Acq: 20 Jun 2018 14:51

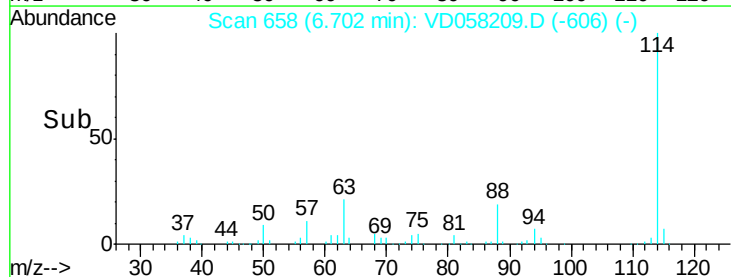
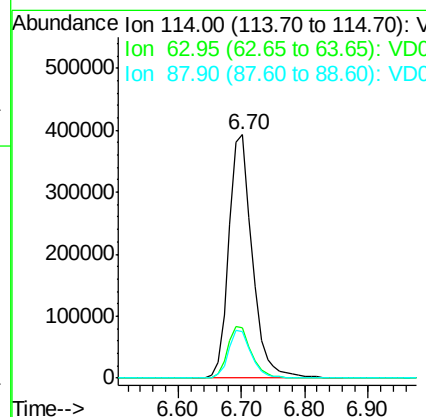
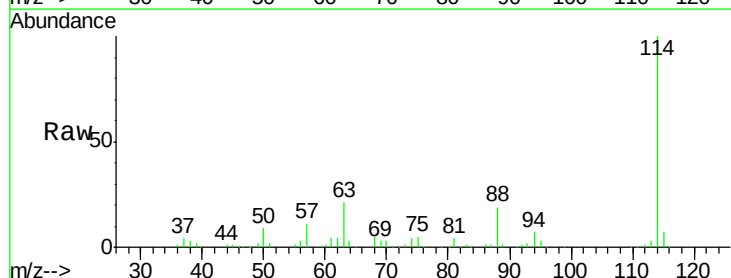
Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-061818-B

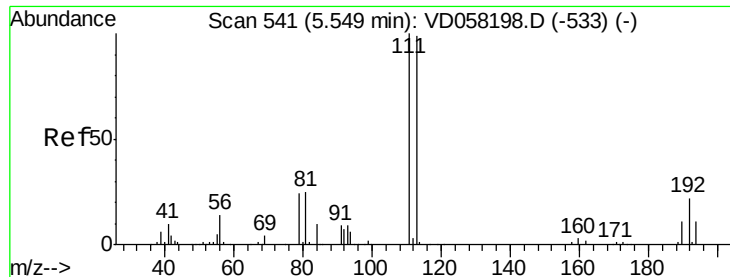
Tot Ion: 65 Resp: 390376
 Ion Ratio Lower Upper
 65 100
 67 45.2 0.0 97.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.70 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: VD058209.D
 Acq: 20 Jun 2018 14:51

Tgt Ion: 114 Resp: 1011070
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.6
 88 19.2 0.0 40.6





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.55 min Scan# 541

Delta R.T. 0.00 min

Lab File: VD058209.D

Acq: 20 Jun 2018 14:51

Instrument :

MSVOA_D

ClientSampleId :

PL-01-061818-B

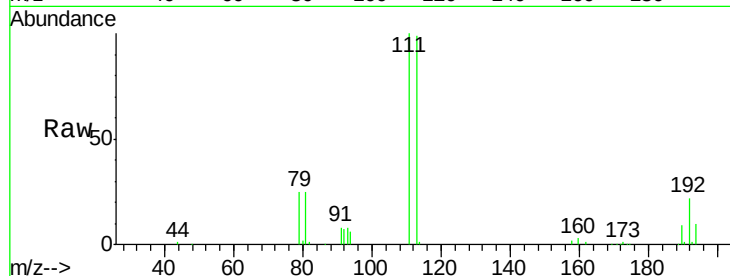
Tot Ion:113 Resp: 404826

Ion Ratio Lower Upper

113 100

111 101.0 80.6 121.0

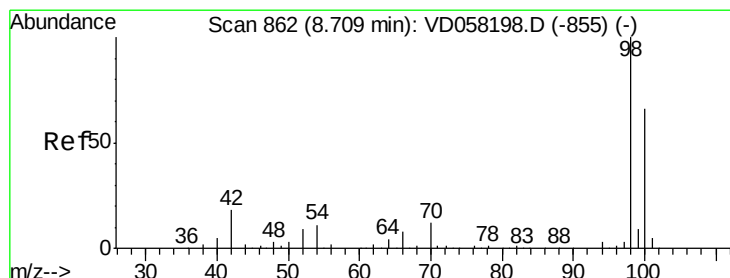
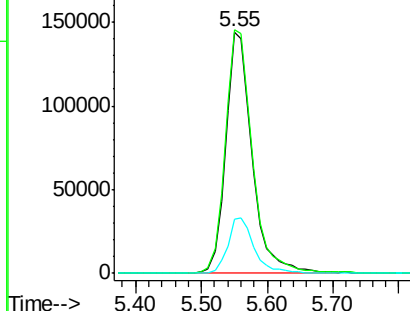
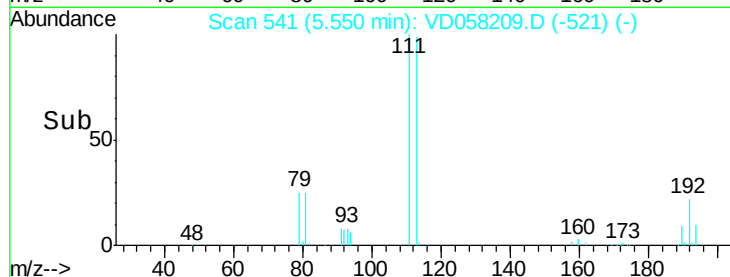
192 22.4 17.8 26.6



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: 8.71 min Scan# 862

Delta R.T. 0.00 min

Lab File: VD058209.D

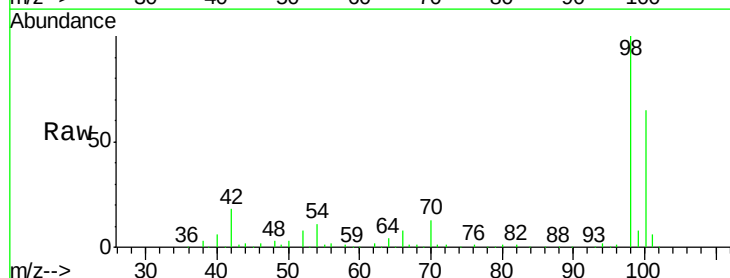
Acq: 20 Jun 2018 14:51

Tgt Ion: 98 Resp: 898488

Ion Ratio Lower Upper

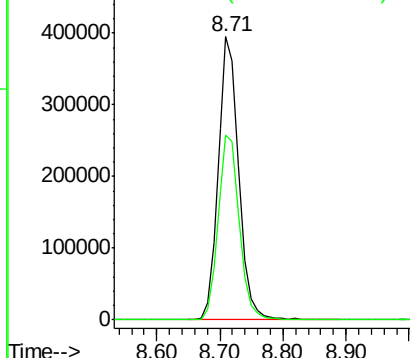
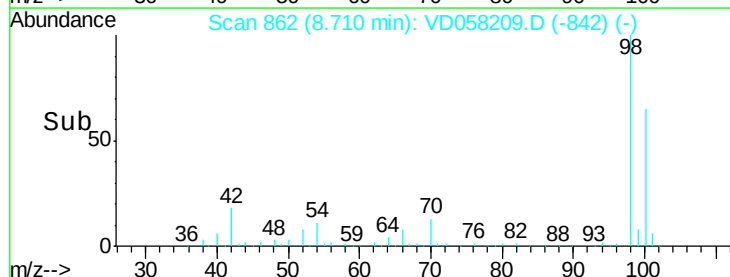
98 100

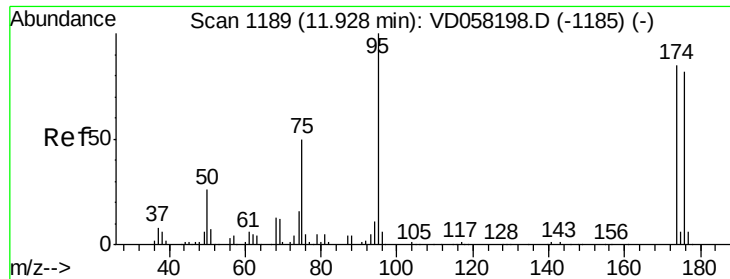
100 65.5 53.6 80.4



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: VD058209.D

Acq: 20 Jun 2018 14:51

Instrument :

MSVOA_D

ClientSampleId :

PL-01-061818-B

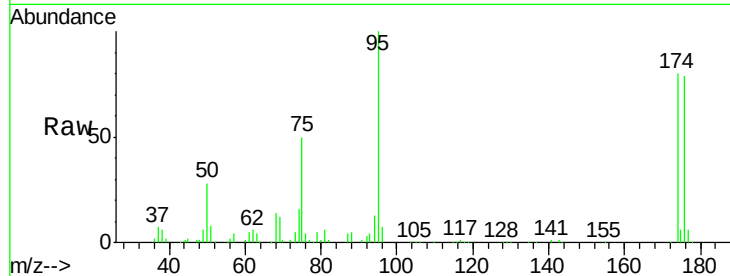
Tot Ion: 95 Resp: 356728

Ion Ratio Lower Upper

95 100

174 80.3 0.0 170.2

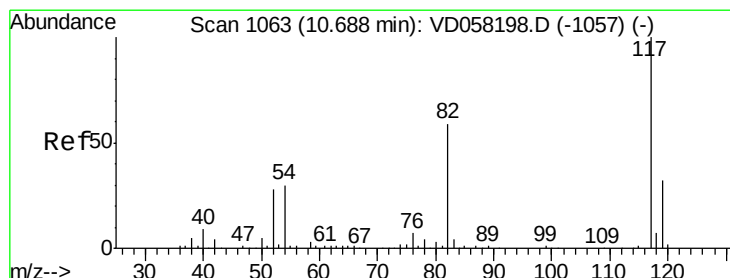
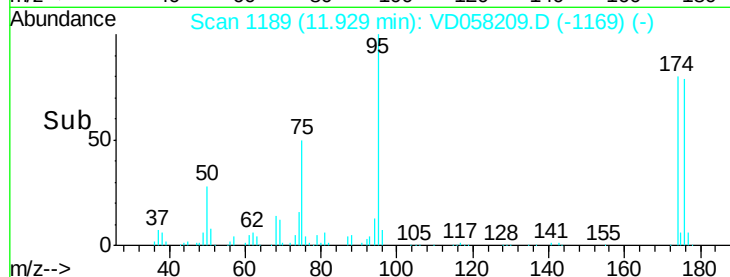
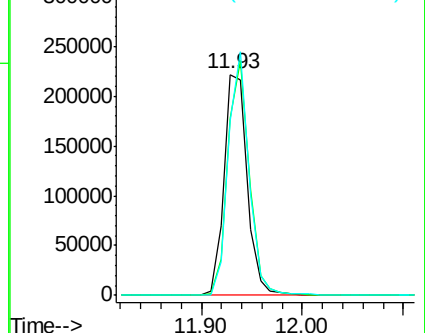
176 79.0 0.0 164.6



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: VD058209.D

Acq: 20 Jun 2018 14:51

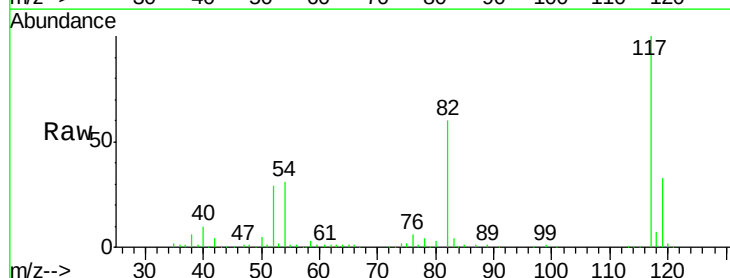
Tgt Ion: 117 Resp: 809903

Ion Ratio Lower Upper

117 100

82 60.5 47.0 70.6

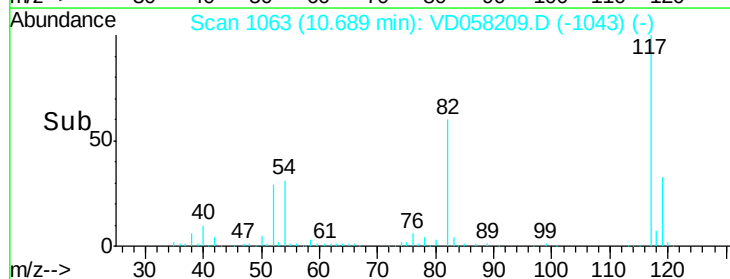
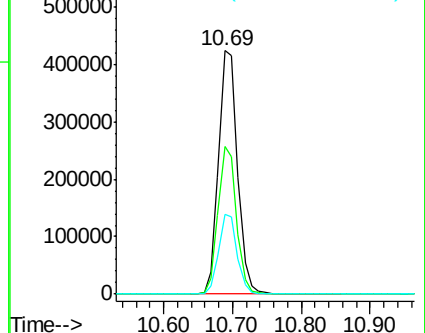
119 32.8 25.3 37.9

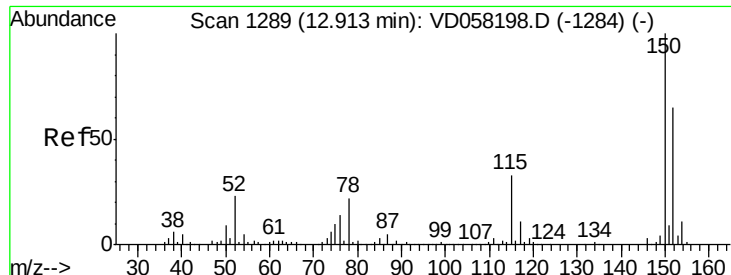


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

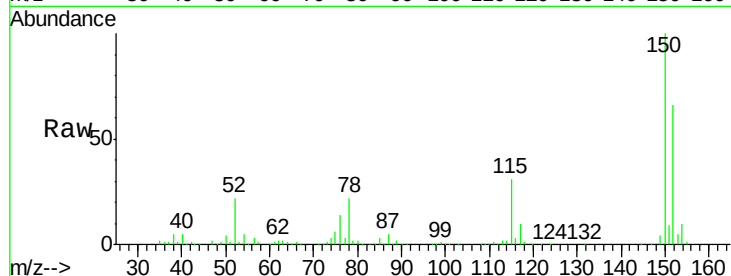




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.91 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VD058209.D
 Acq: 20 Jun 2018 14:51

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-061818-B

Tot Ion:152 Resp: 406971
 Ion Ratio Lower Upper
 152 100
 115 47.9 25.1 75.3
 150 152.2 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

