

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
 Data File : VD058334.D
 Acq On : 23 Jun 2018 10:51
 Operator : VA/AP
 Sample : J3628-01
 Misc : 6.83g/5ml/MSVOA D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AOC11-01

Quant Time: Jun 25 01:55:54 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

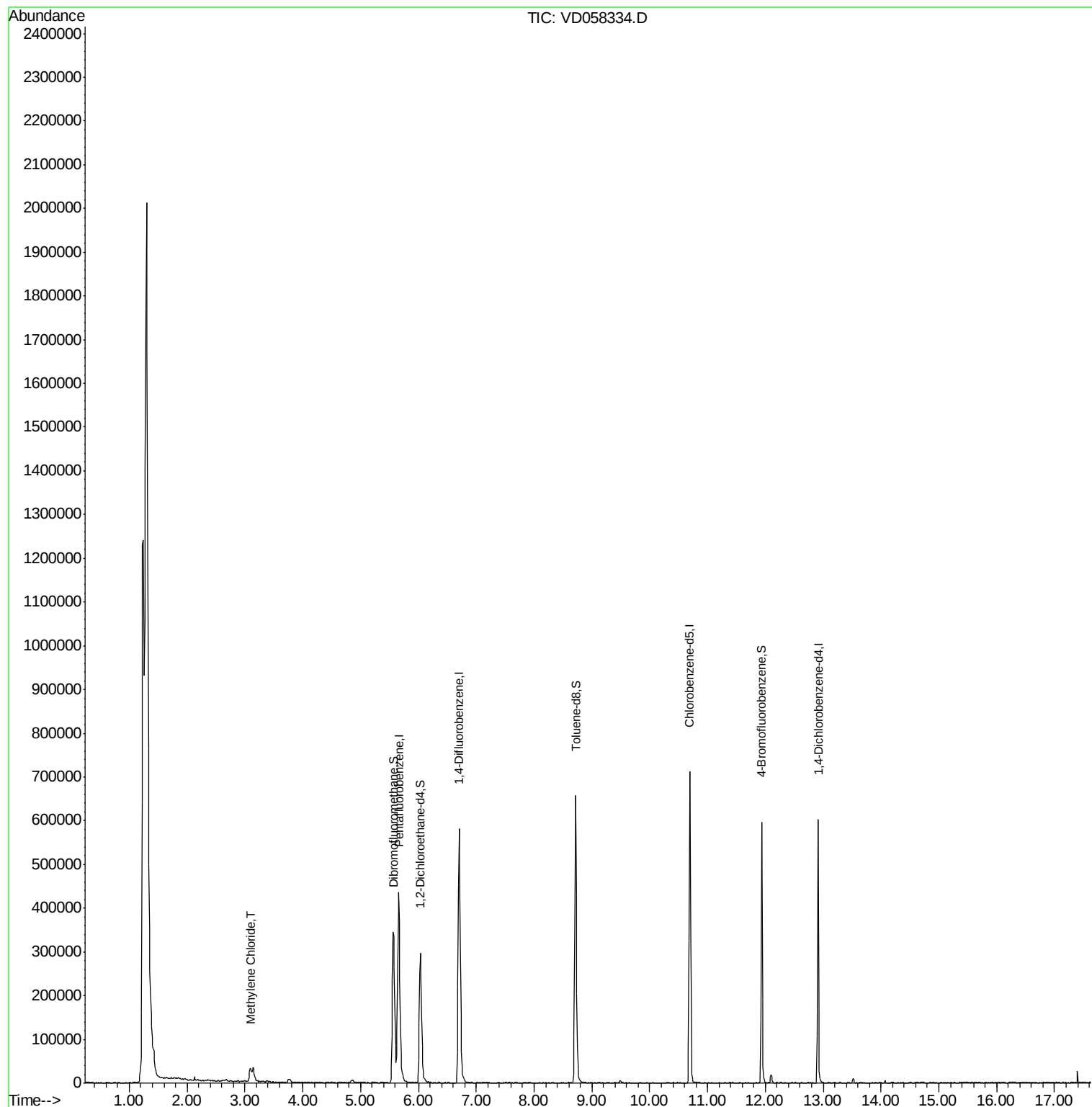
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	445385	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.70	114	595499	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.70	117	409189	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.92	152	142771	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	292744	65.07	ug/l	0.02
Spiked Amount 50.000			Recovery	=	130.14%	
35) Dibromofluoromethane	5.56	113	288052	59.43	ug/l	0.01
Spiked Amount 50.000			Recovery	=	118.86%	
50) Toluene-d8	8.72	98	521640	44.49	ug/l	0.01
Spiked Amount 50.000			Recovery	=	88.98%	
62) 4-Bromofluorobenzene	11.93	95	176846	36.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.84%	
Target Compounds						
20) Methylene Chloride	3.09	84	15907	5.68	ug/l	Qvalue 92

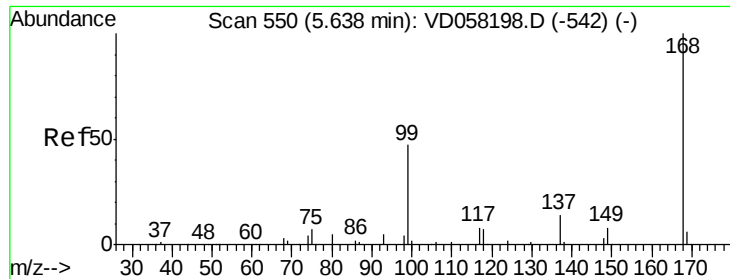
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD058334.D

Acq: 23 Jun 2018 10:51

Instrument :

MSVOA_D

ClientSampleId :

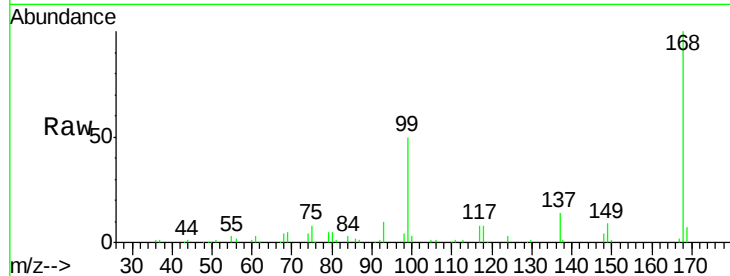
AOC11-01

Tot Ion:168 Resp: 445385

Ion Ratio Lower Upper

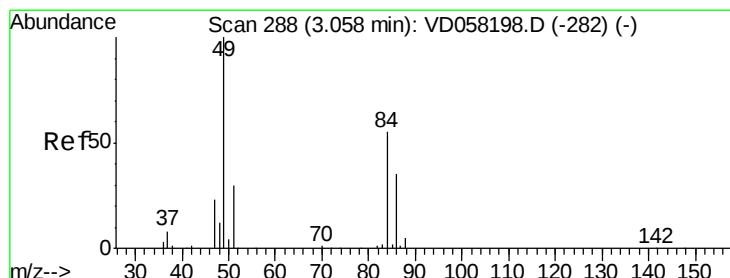
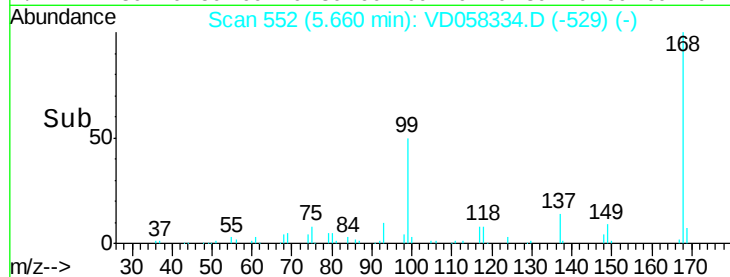
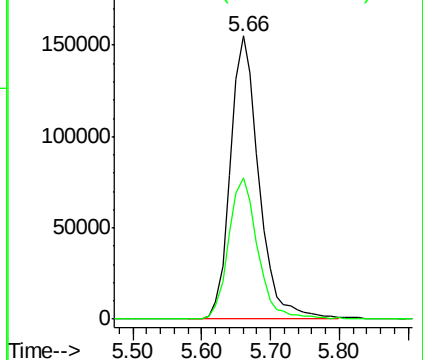
168 100

99 49.9 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 5.68 ug/l

RT: 3.09 min Scan# 291

Delta R.T. 0.03 min

Lab File: VD058334.D

Acq: 23 Jun 2018 10:51

Tgt Ion: 84 Resp: 15907

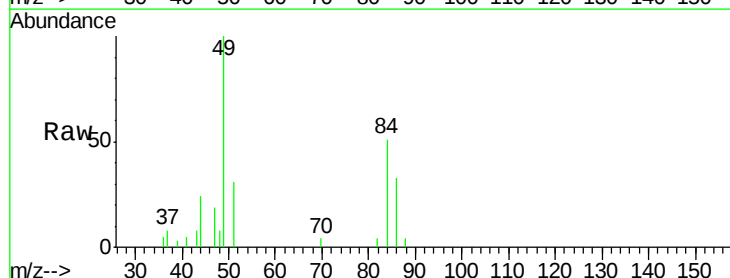
Ion Ratio Lower Upper

84 100

49 194.8 145.0 217.6

51 59.8 42.9 64.3

86 64.5 50.1 75.1

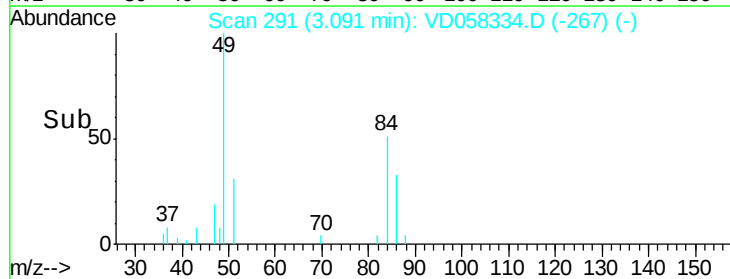
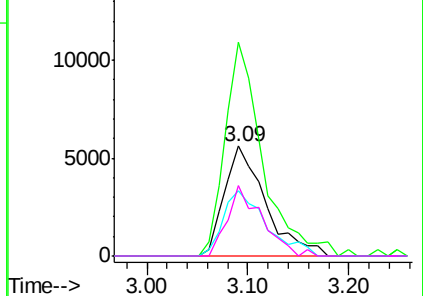


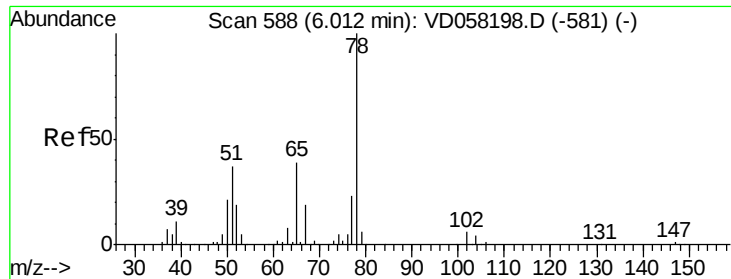
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.03 min Scan# 590

Delta R.T. 0.02 min

Lab File: VD058334.D

Acq: 23 Jun 2018 10:51

Instrument :

MSVOA_D

ClientSampleId :

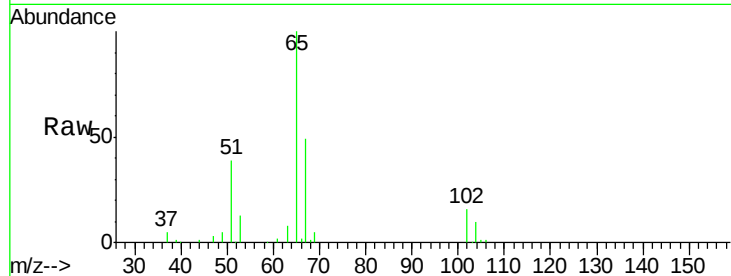
AOC11-01

Tot Ion: 65 Resp: 292744

Ion Ratio Lower Upper

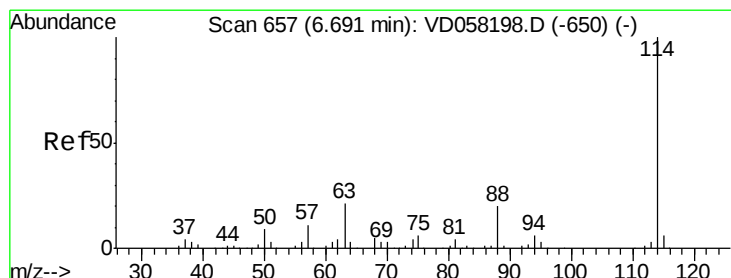
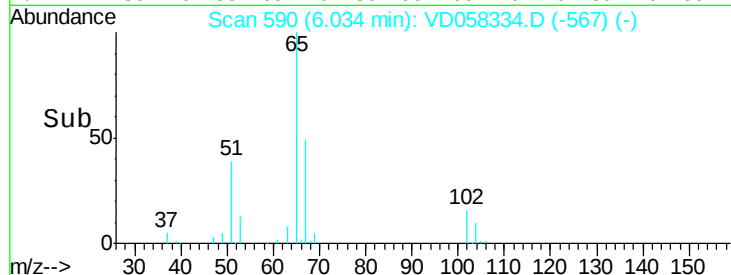
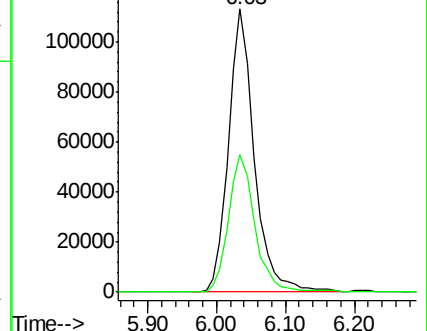
65 100

67 48.5 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: 6.70 min Scan# 658

Delta R.T. 0.01 min

Lab File: VD058334.D

Acq: 23 Jun 2018 10:51

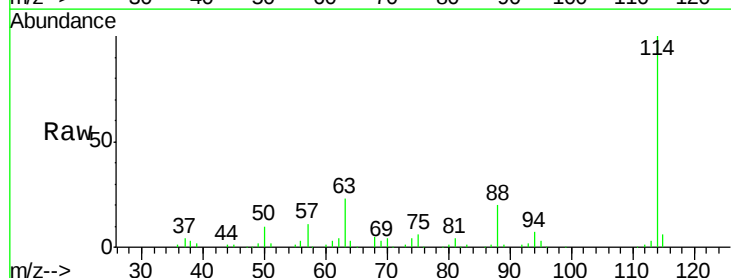
Tgt Ion: 114 Resp: 595499

Ion Ratio Lower Upper

114 100

63 23.3 0.0 42.6

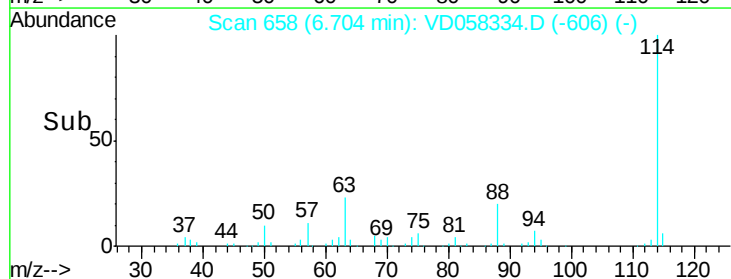
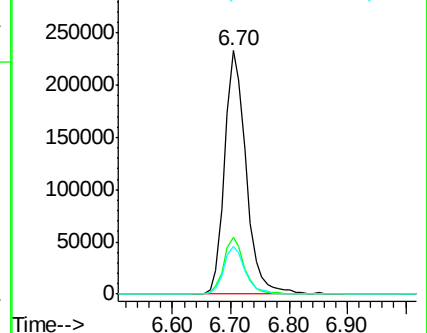
88 19.9 0.0 40.6

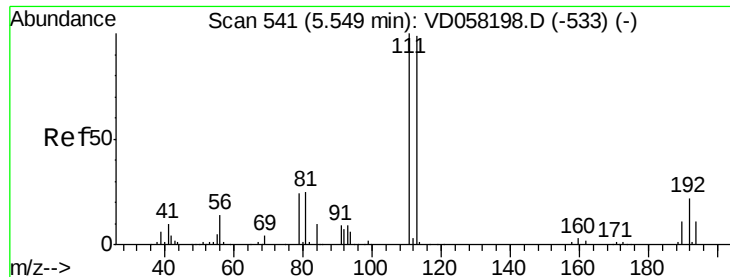


Abundance Ion 114.00 (113.70 to 114.70): V

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: 5.56 min Scan# 542

Delta R.T. 0.01 min

Lab File: VD058334.D

Acq: 23 Jun 2018 10:51

Instrument :

MSVOA_D

ClientSampleId :

AOC11-01

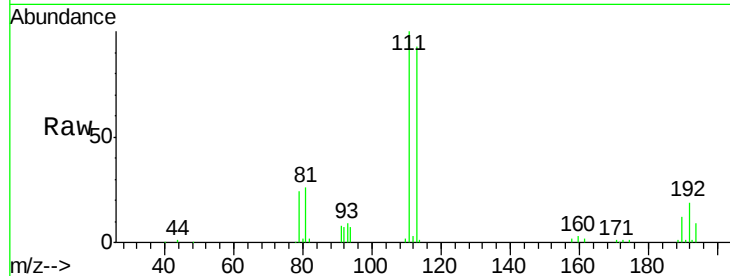
Tot Ion:113 Resp: 288052

Ion Ratio Lower Upper

113 100

111 107.1 80.6 121.0

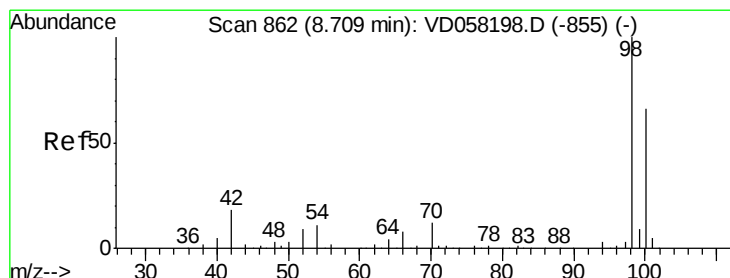
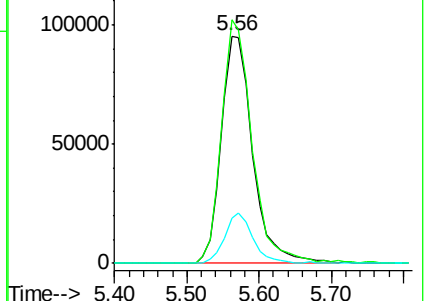
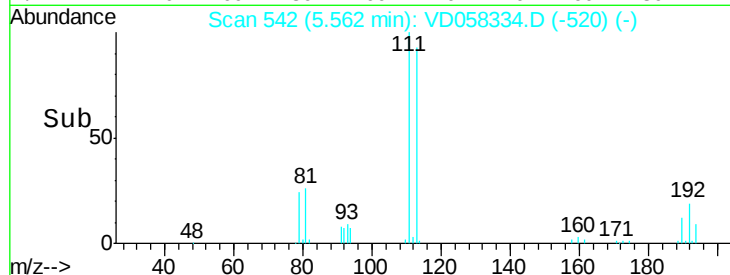
192 19.9 17.8 26.6



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: 8.72 min Scan# 863

Delta R.T. 0.01 min

Lab File: VD058334.D

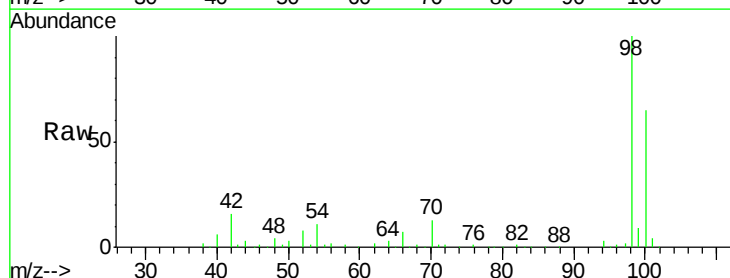
Acq: 23 Jun 2018 10:51

Tgt Ion: 98 Resp: 521640

Ion Ratio Lower Upper

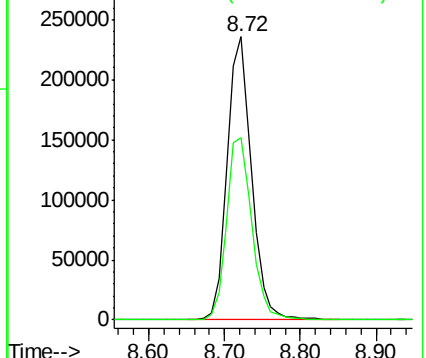
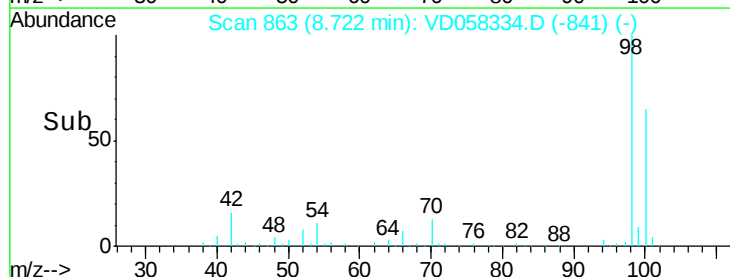
98 100

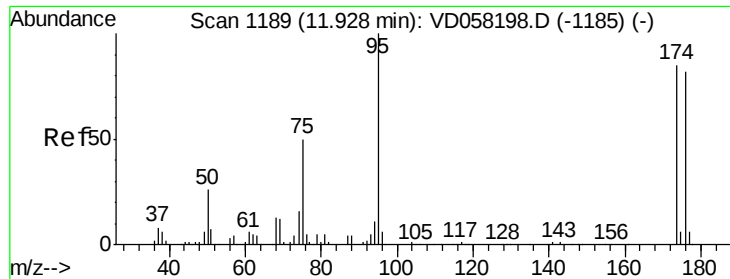
100 64.6 53.6 80.4



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

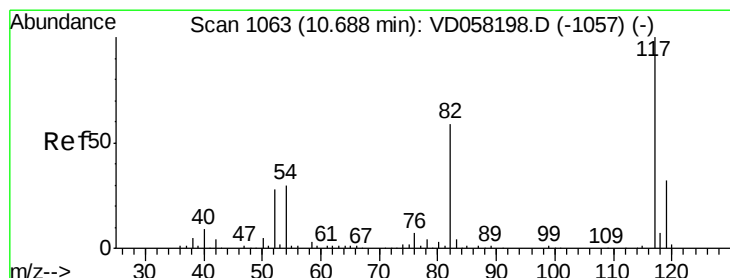
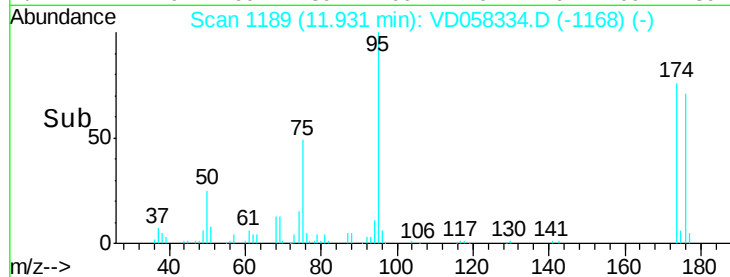
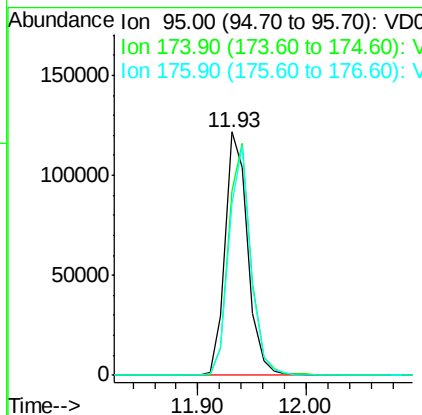
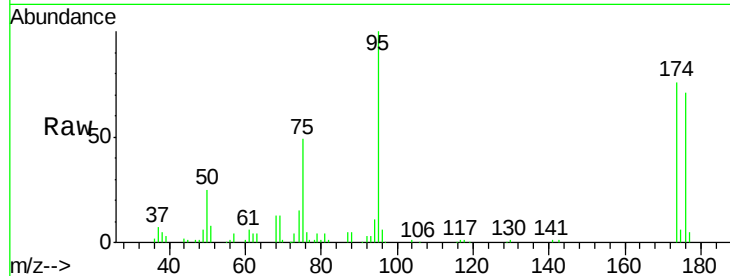




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VD058334.D
Acq: 23 Jun 2018 10:51

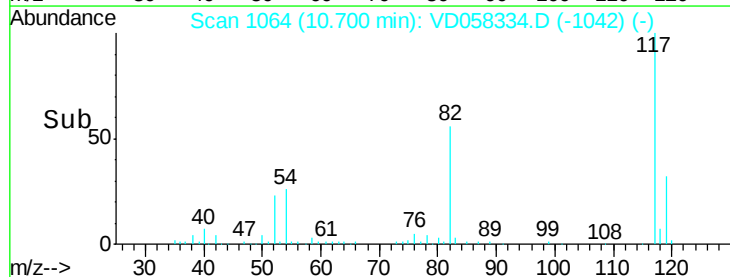
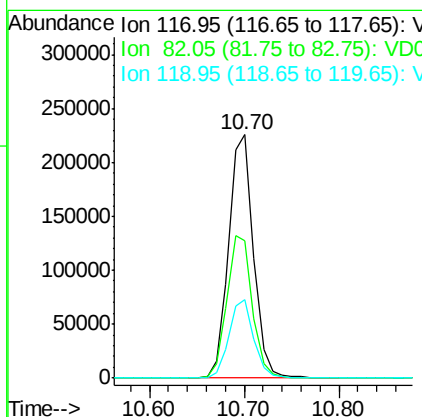
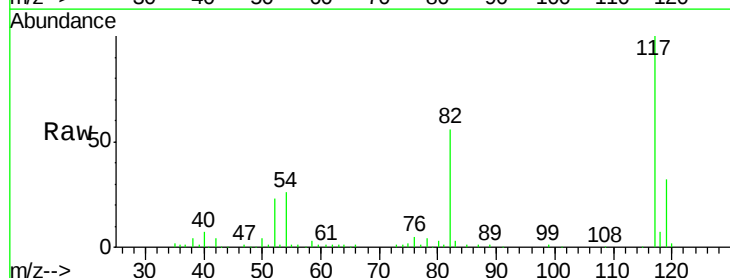
Instrument :
MSVOA_D
ClientSampleId :
AOC11-01

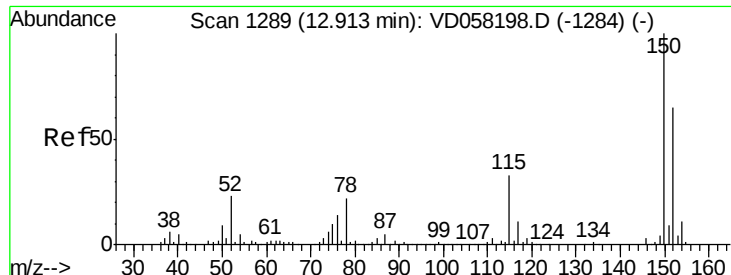
Tot Ion: 95 Resp: 176846
Ion Ratio Lower Upper
95 100
174 76.1 0.0 170.2
176 70.7 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD058334.D
Acq: 23 Jun 2018 10:51

Tgt Ion: 117 Resp: 409189
Ion Ratio Lower Upper
117 100
82 56.2 47.0 70.6
119 32.2 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.92 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VD058334.D

Acq: 23 Jun 2018 10:51

Instrument :

MSVOA_D

ClientSampleId :

AOC11-01

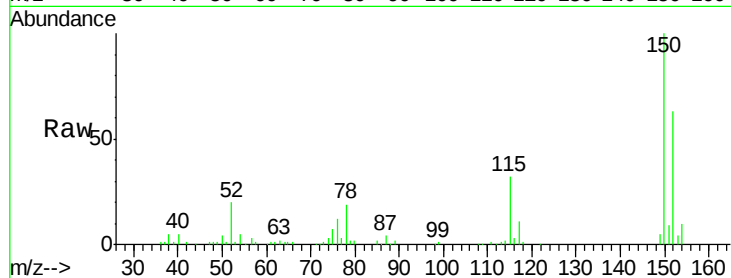
Tot Ion:152 Resp: 142771

Ion Ratio Lower Upper

152 100

115 50.0 25.1 75.3

150 157.5 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

