

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062118\
 Data File : VD058278.D
 Acq On : 22 Jun 2018 5:17
 Operator : VA/AP
 Sample : J3626-01
 Misc : 6.40g/5ml/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A-1

Quant Time: Jun 22 08:18:46 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

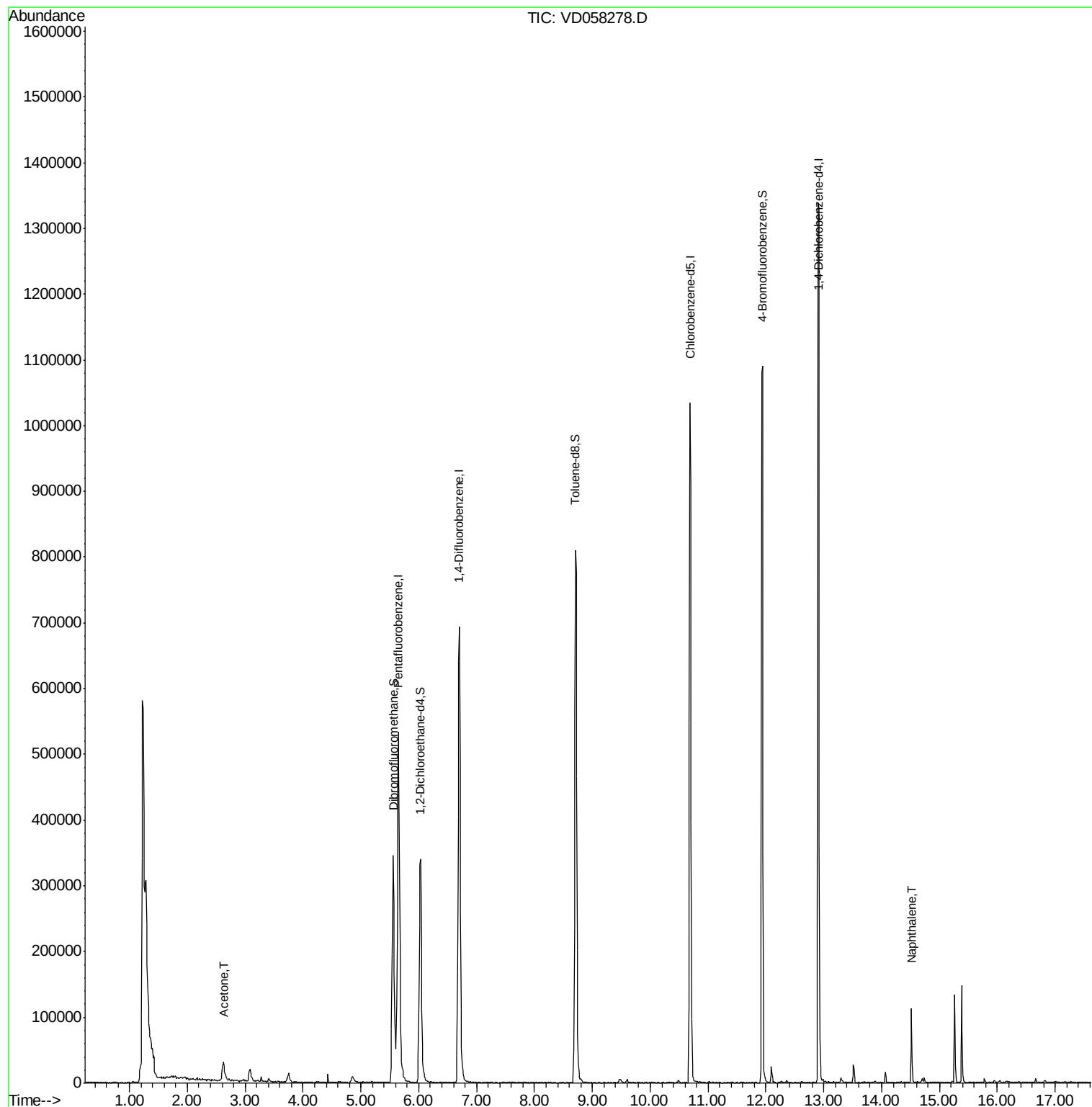
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	542262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	716827	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	585016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	323712	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	344231	62.85	ug/l	0.02
Spiked Amount 50.000			Recovery	=	125.70%	
35) Dibromofluoromethane	5.56	113	275662	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
50) Toluene-d8	8.71	98	680061	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
62) 4-Bromofluorobenzene	11.93	95	325604	56.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.94%	
Target Compounds						
16) Acetone	2.62	43	65068	86.87	ug/l	95
95) Naphthalene	14.52	128	57452	5.32	ug/l #	93

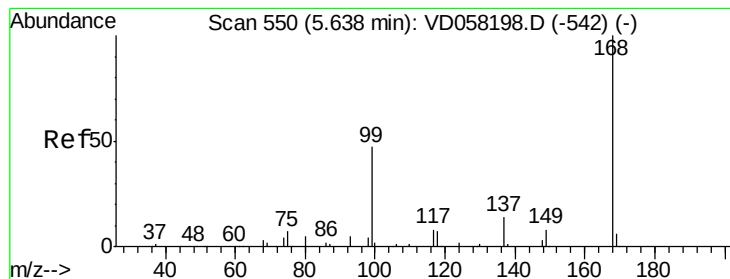
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD058278.D

Acq: 22 Jun 2018 5:17

Instrument :

MSVOA_D

ClientSampled :

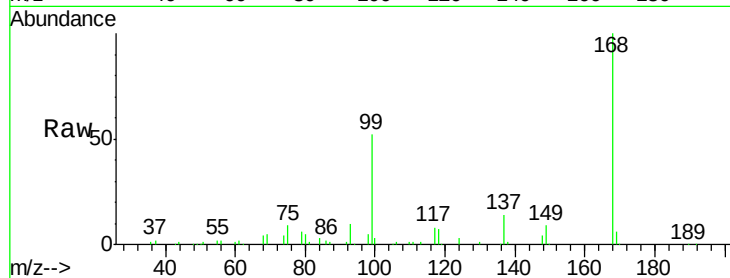
A-1

Tot Ion:168 Resp: 542262

Ion Ratio Lower Upper

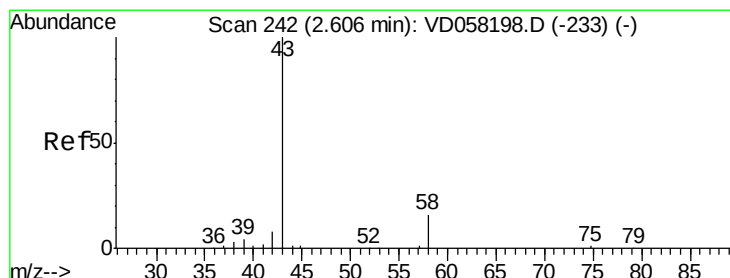
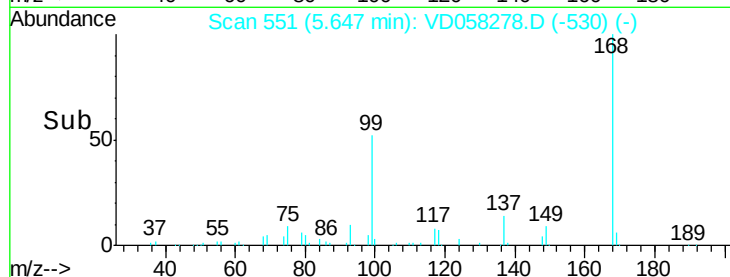
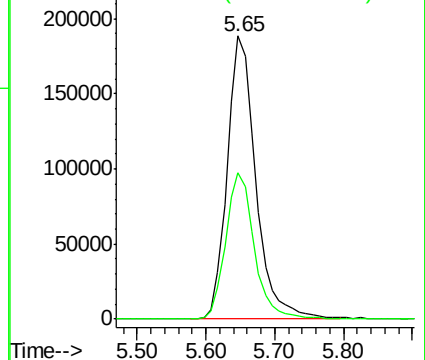
168 100

99 51.9 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: 86.87 ug/l

RT: 2.62 min Scan# 244

Delta R.T. 0.02 min

Lab File: VD058278.D

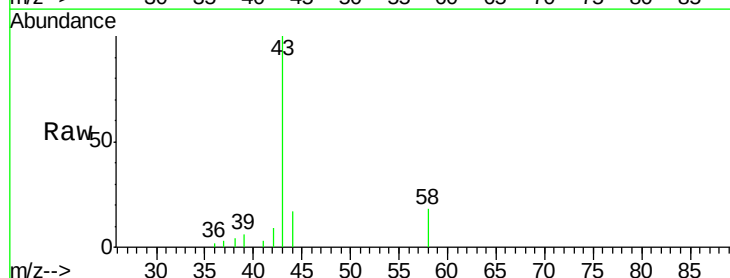
Acq: 22 Jun 2018 5:17

Tgt Ion: 43 Resp: 65068

Ion Ratio Lower Upper

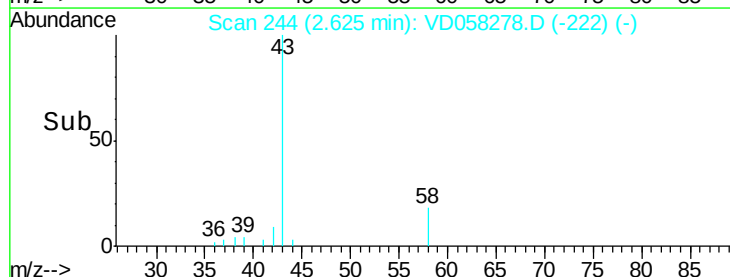
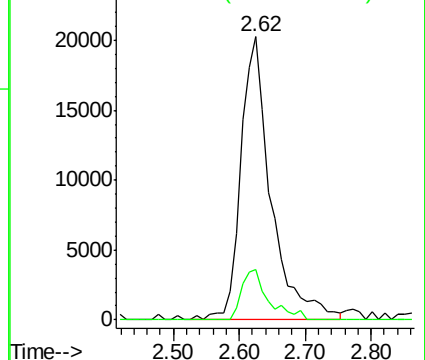
43 100

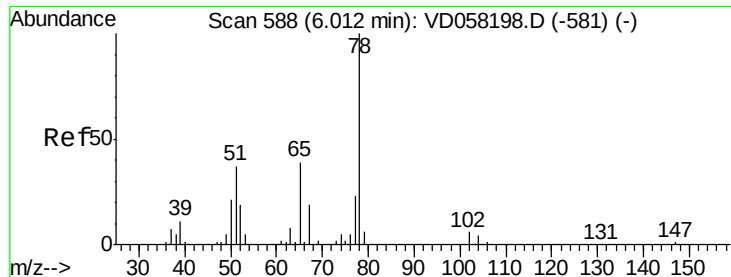
58 17.9 12.7 19.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

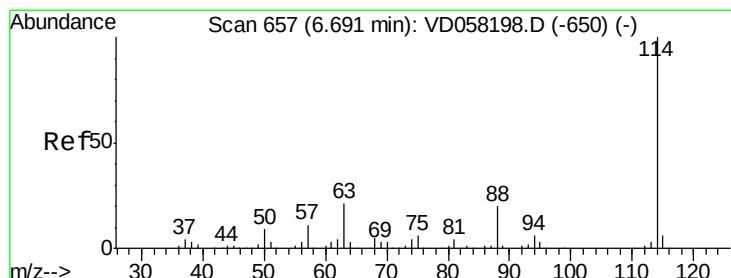
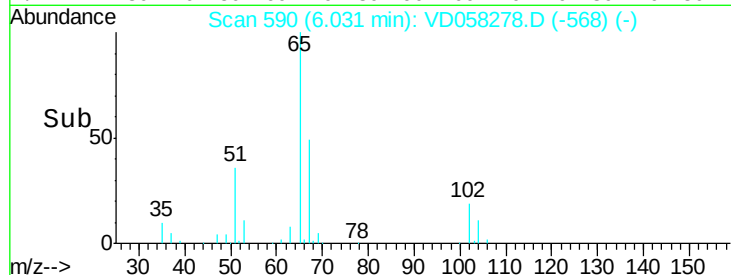
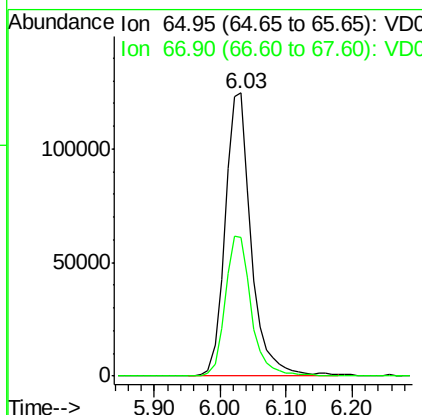
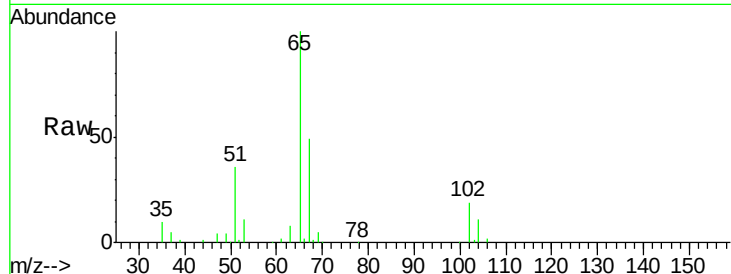




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 6.03 min Scan# 590
 Delta R.T. 0.02 min
 Lab File: VD058278.D
 Acq: 22 Jun 2018 5:17

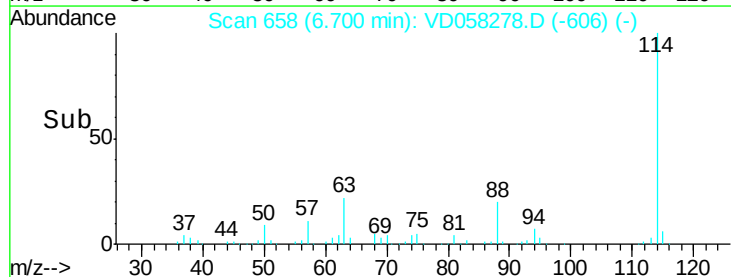
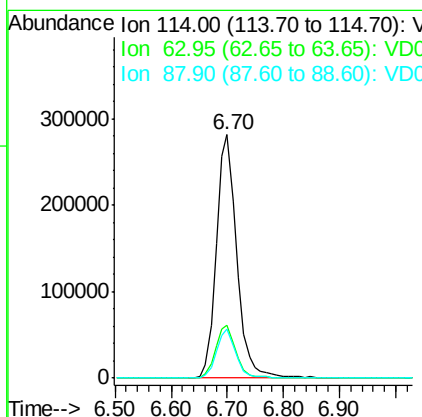
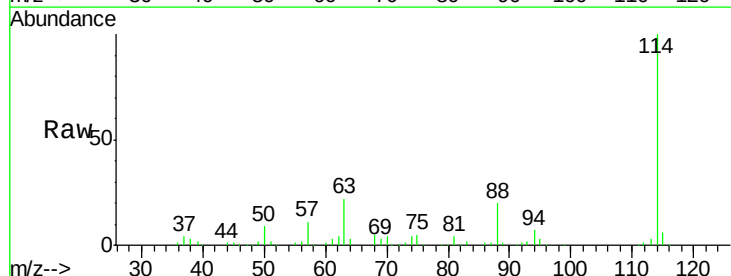
Instrument :
 MSVOA_D
 ClientSampleId :
 A-1

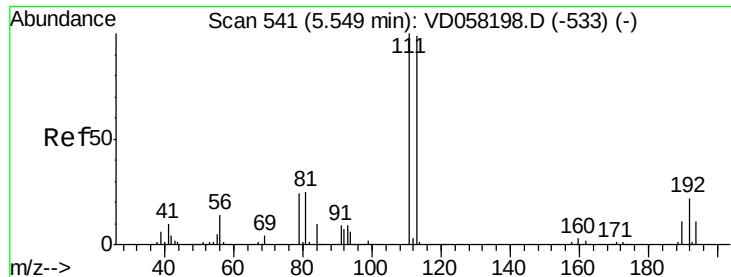
Tot Ion: 65 Resp: 344231
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 97.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.70 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: VD058278.D
 Acq: 22 Jun 2018 5:17

Tgt Ion: 114 Resp: 716827
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.6
 88 20.1 0.0 40.6





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.56 min Scan# 542

Delta R.T. 0.01 min

Lab File: VD058278.D

Acq: 22 Jun 2018 5:17

Instrument :

MSVOA_D

ClientSampleId :

A-1

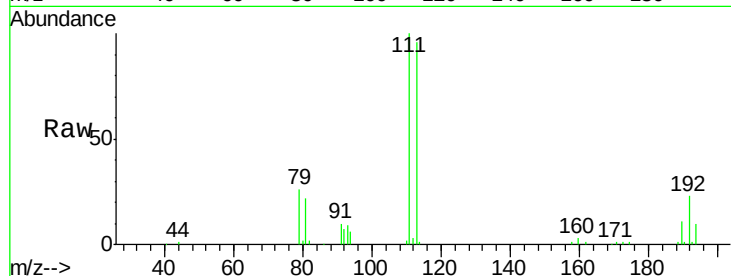
Tot Ion:113 Resp: 275662

Ion Ratio Lower Upper

113 100

111 104.4 80.6 121.0

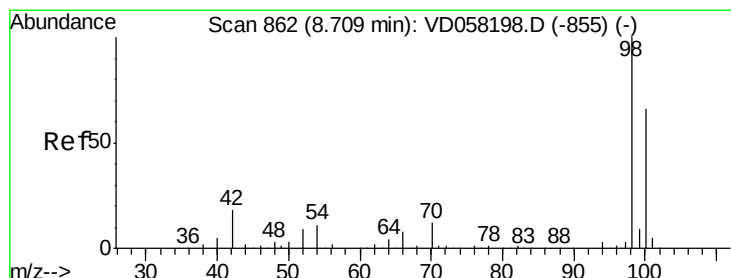
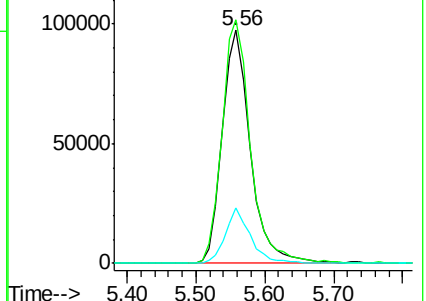
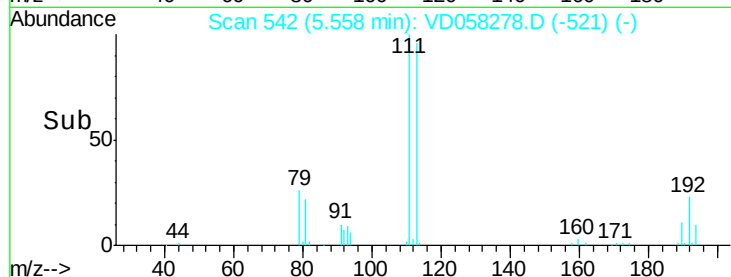
192 23.9 17.8 26.6



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: 8.71 min Scan# 862

Delta R.T. -0.00 min

Lab File: VD058278.D

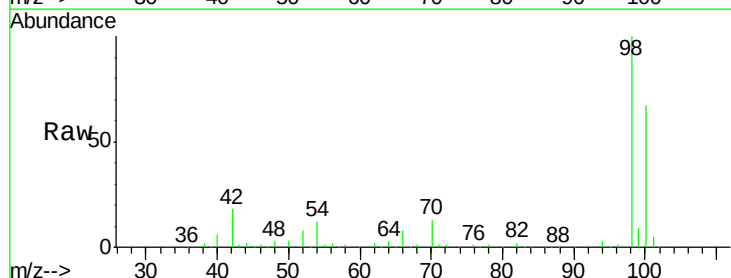
Acq: 22 Jun 2018 5:17

Tgt Ion: 98 Resp: 680061

Ion Ratio Lower Upper

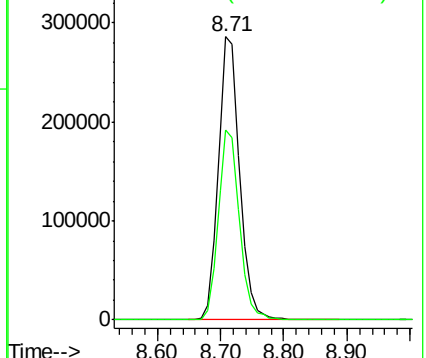
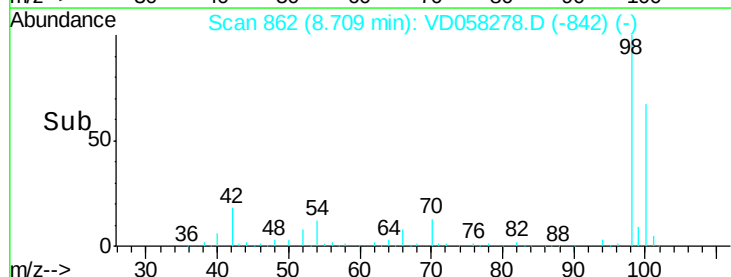
98 100

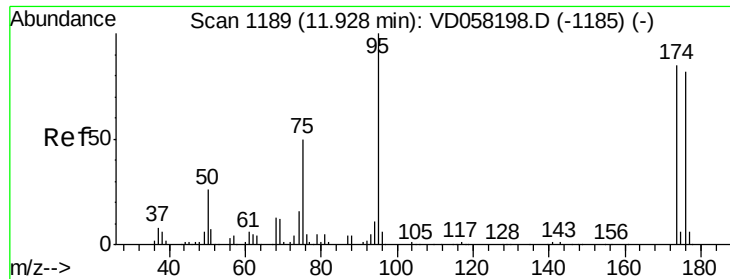
100 67.0 53.6 80.4



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

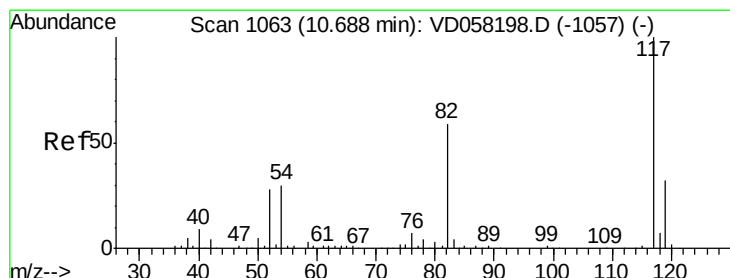
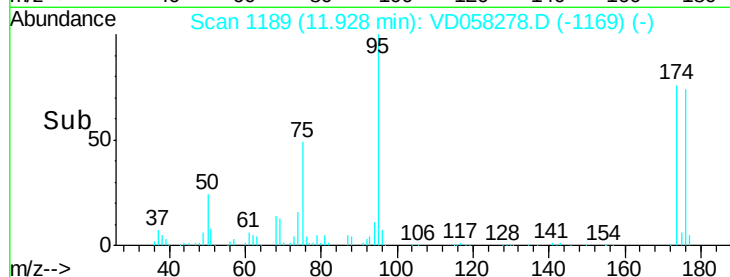
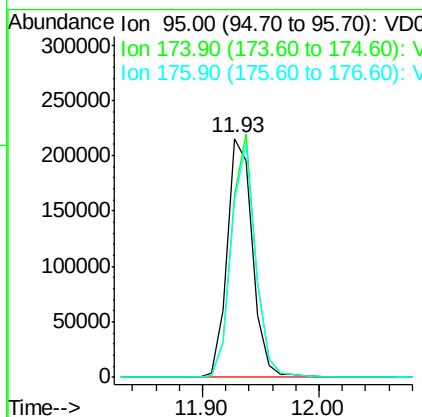
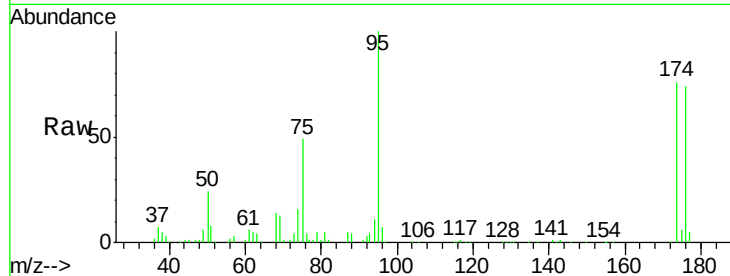




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VD058278.D
Acq: 22 Jun 2018 5:17

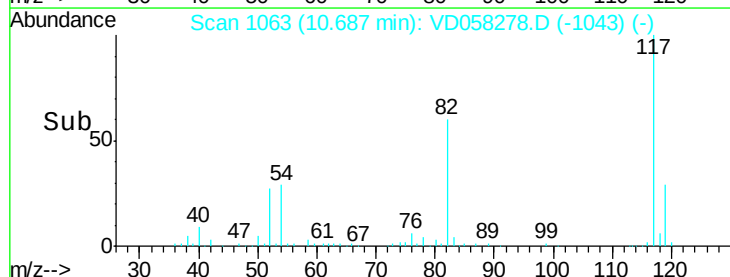
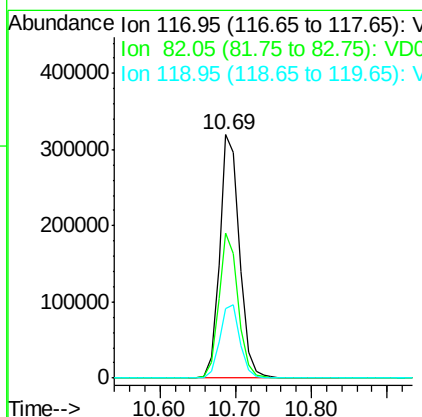
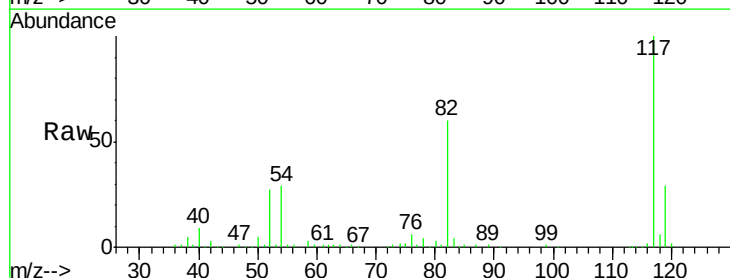
Instrument :
MSVOA_D
ClientSampled :
A-1

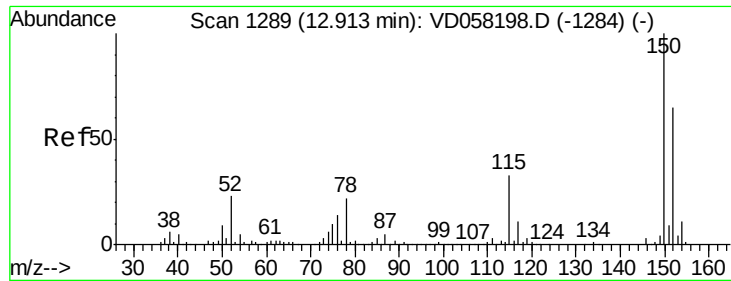
Tot Ion: 95 Resp: 325604
Ion Ratio Lower Upper
95 100
174 76.1 0.0 170.2
176 74.3 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VD058278.D
Acq: 22 Jun 2018 5:17

Tgt Ion: 117 Resp: 585016
Ion Ratio Lower Upper
117 100
82 59.6 47.0 70.6
119 28.5 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.91 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VD058278.D

Acq: 22 Jun 2018 5:17

Instrument :

MSVOA_D

ClientSampleId :

A-1

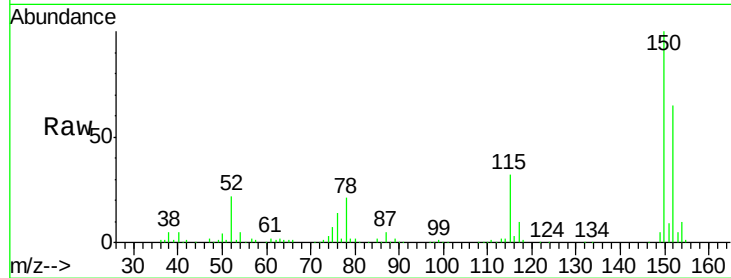
Tot Ion:152 Resp: 323712

Ion Ratio Lower Upper

152 100

115 49.3 25.1 75.3

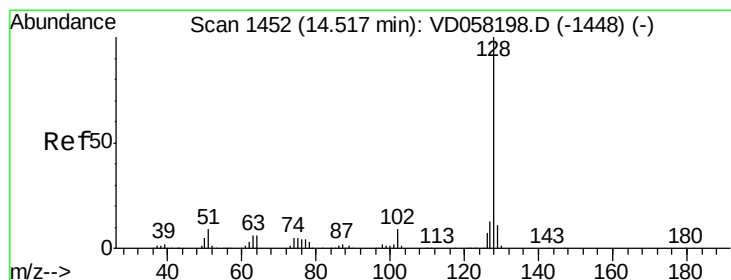
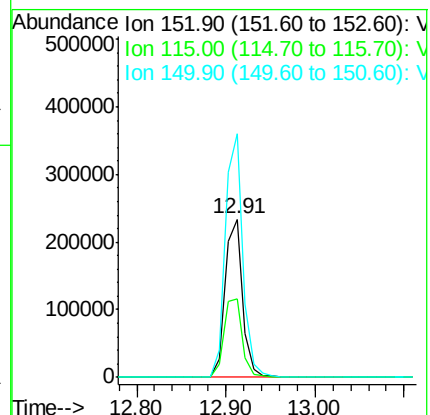
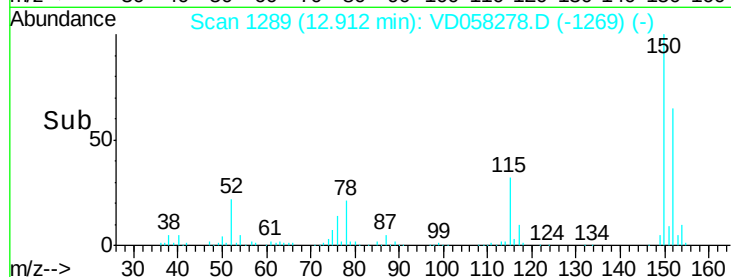
150 154.0 0.0 308.8



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



#95

Naphthalene

Concen: 5.32 ug/l

RT: 14.52 min Scan# 1452

Delta R.T. -0.00 min

Lab File: VD058278.D

Acq: 22 Jun 2018 5:17

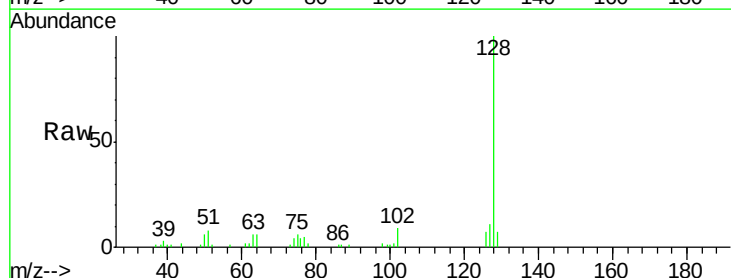
Tgt Ion:128 Resp: 57452

Ion Ratio Lower Upper

128 100

127 10.7 10.0 15.0

129 7.5 8.7 13.1#



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

