

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062118\
 Data File : VD058274.D
 Acq On : 22 Jun 2018 3:23
 Operator : VA/AP
 Sample : J3622-04
 Misc : 5.97g/5ml/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-A

Quant Time: Jun 22 13:02:44 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

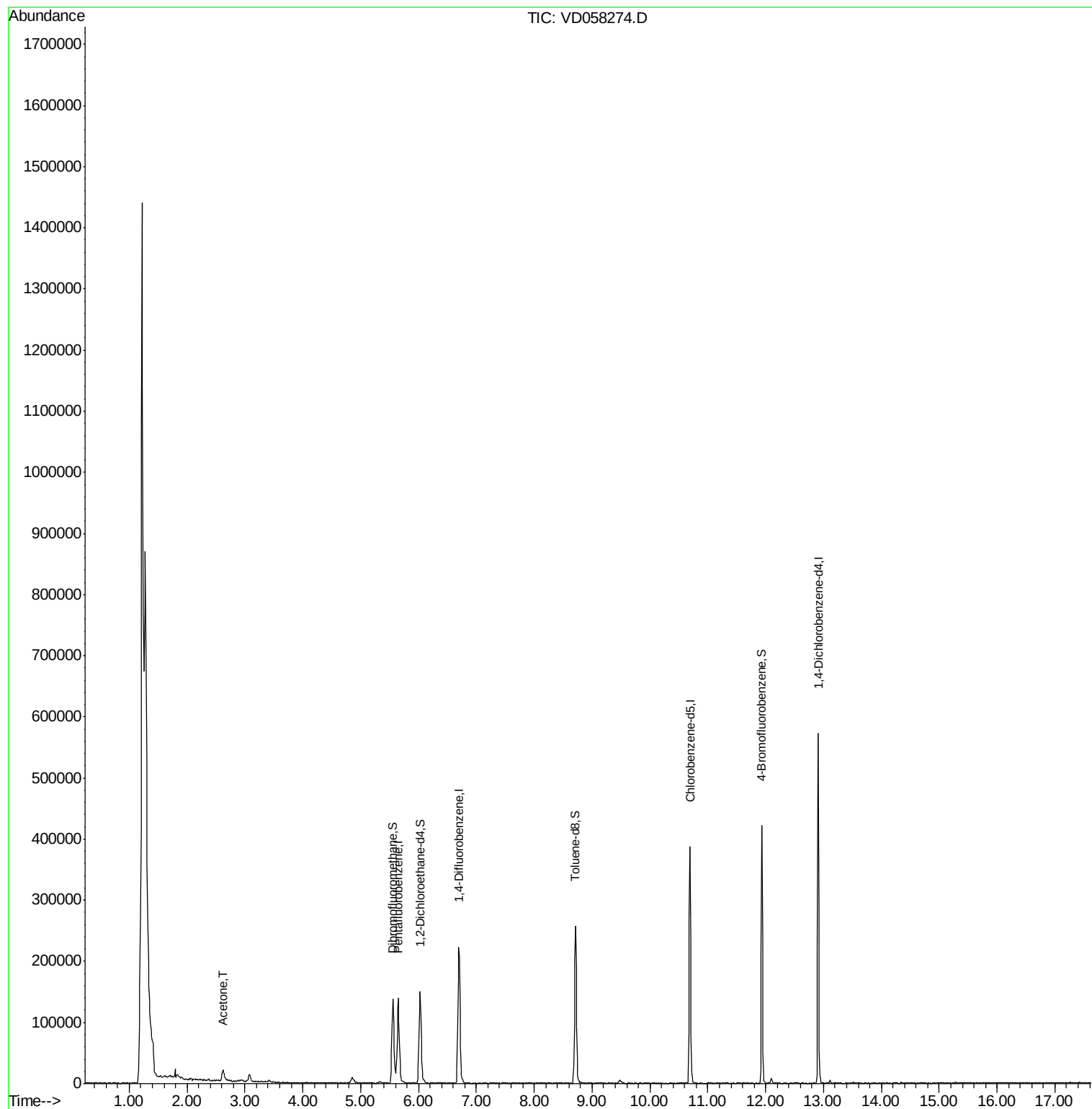
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Pentafluorobenzene	5.65	168	131360	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.70	114	234942	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	200148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	109431	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	148039	111.57	ug/l	0.01
Spiked Amount 50.000			Recovery	=	223.14%	
35) Dibromofluoromethane	5.55	113	113656	59.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.88%	
50) Toluene-d8	8.71	98	197255	42.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.28%	
62) 4-Bromofluorobenzene	11.93	95	110372	58.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.80%	
Target Compounds						Qvalue
16) Acetone	2.62	43	36911	203.42	ug/l	96
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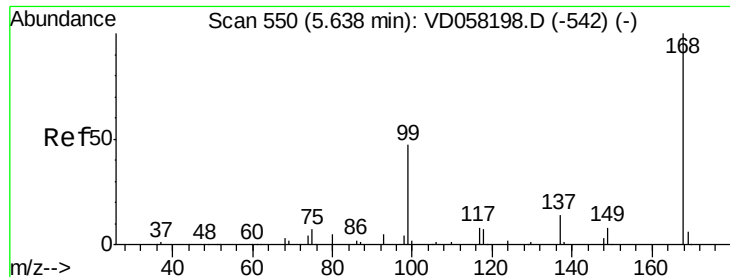
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD058274.D

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Instrument :

MSVOA_D

ClientSampleId :

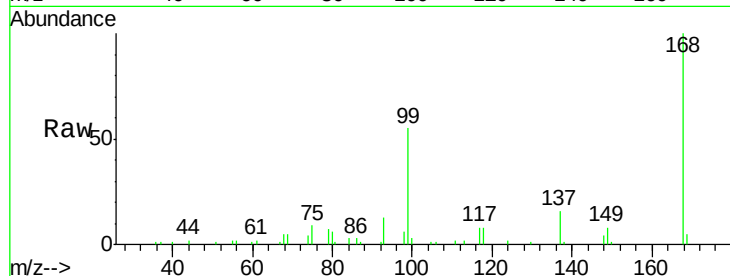
SP-A

Tot Ion:168 Resp: 131360

Ion Ratio Lower Upper

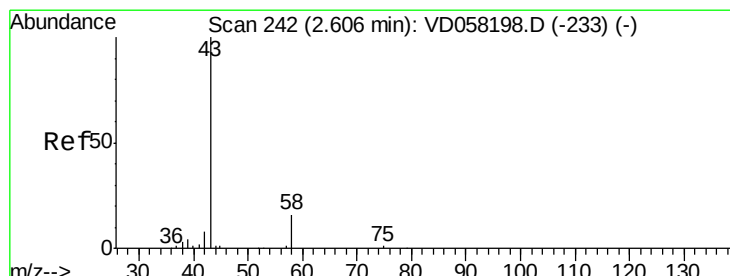
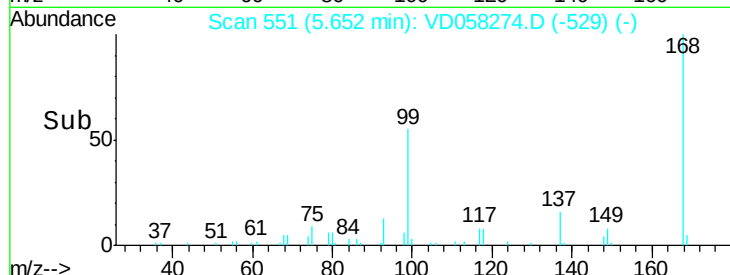
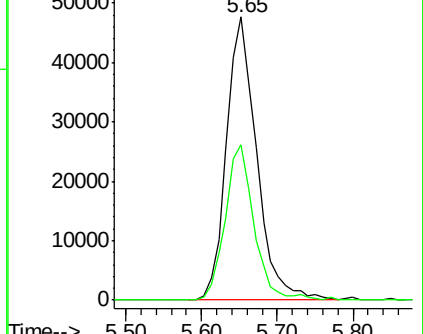
168 100

99 55.1 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: 203.42 ug/l

RT: 2.62 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD058274.D

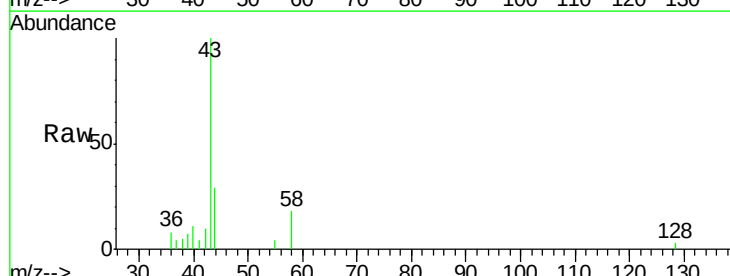
Acq: 22 Jun 2018 3:23

Tgt Ion: 43 Resp: 36911

Ion Ratio Lower Upper

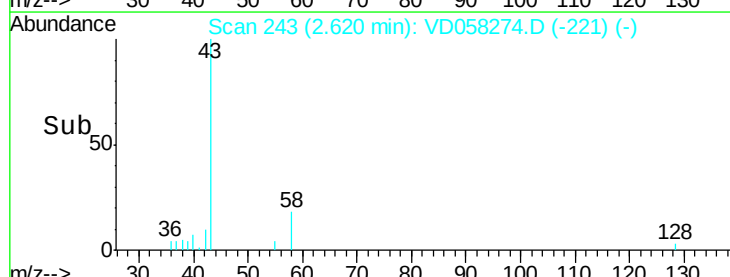
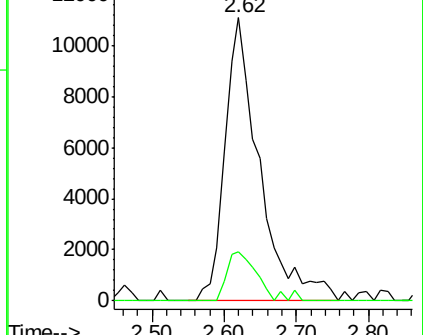
43 100

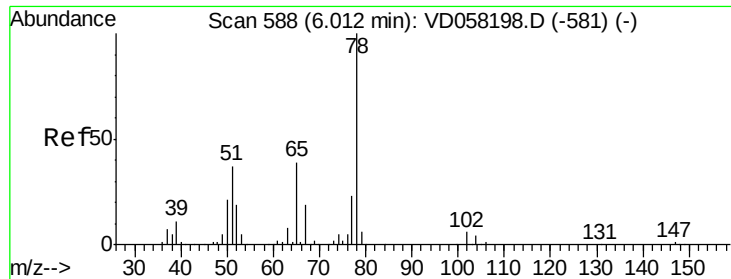
58 17.5 12.7 19.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

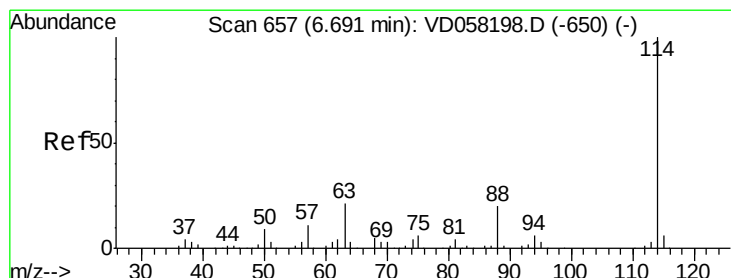
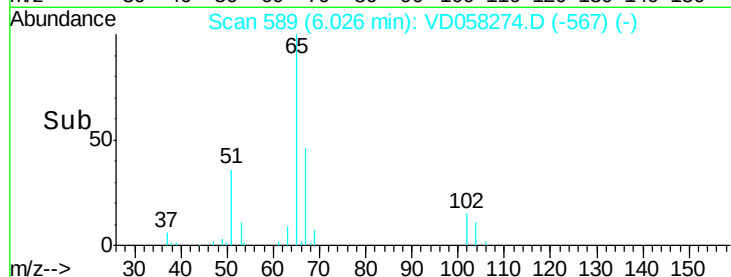
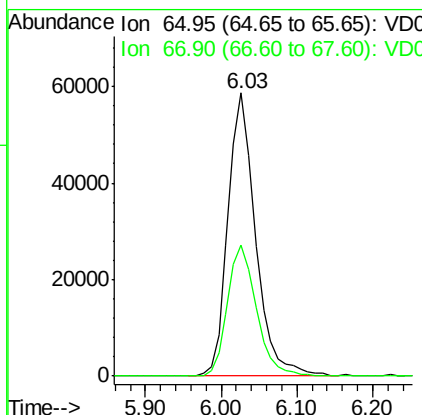
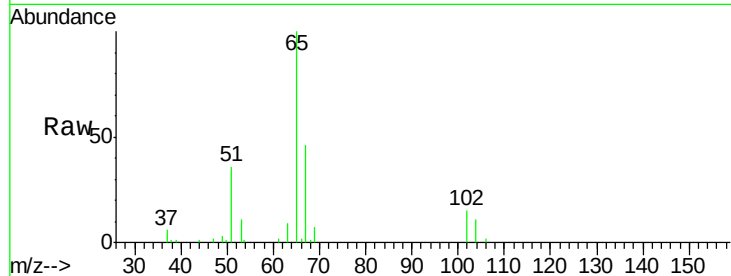




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.03 min Scan# 589
 Delta R.T. 0.01 min
 Lab File: VD058274.D
 Acq: 22 Jun 2018 3:23

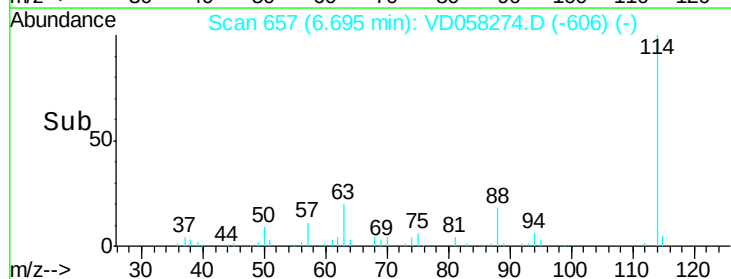
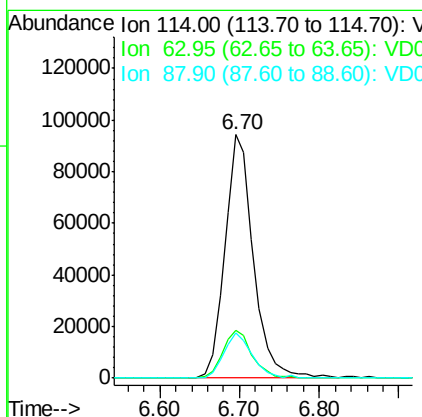
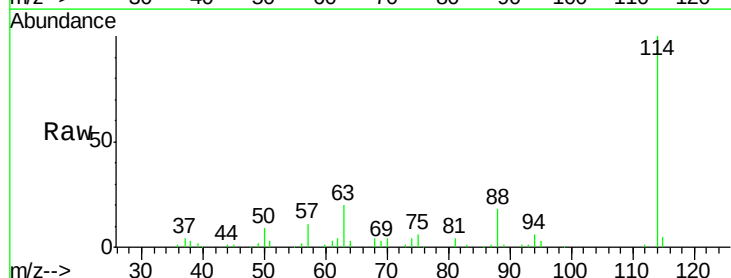
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-A

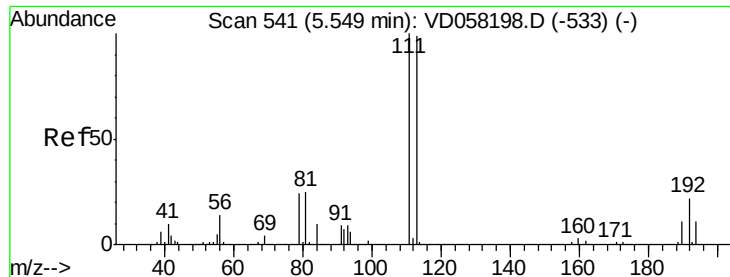
Tot Ion: 65 Resp: 148039
 Ion Ratio Lower Upper
 65 100
 67 46.2 0.0 97.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.70 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: VD058274.D
 Acq: 22 Jun 2018 3:23

Tgt Ion: 114 Resp: 234942
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.6
 88 18.4 0.0 40.6

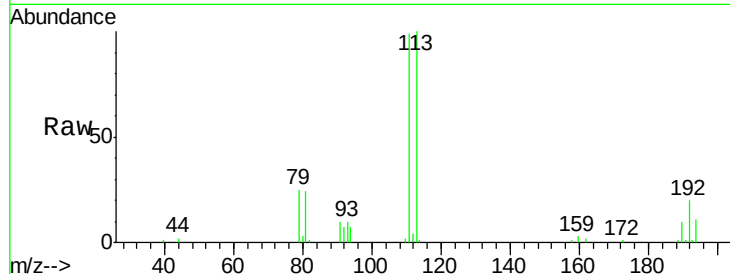




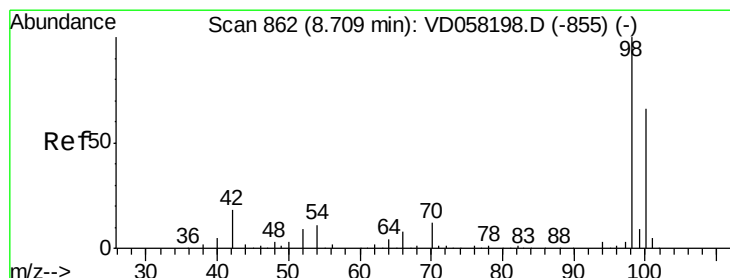
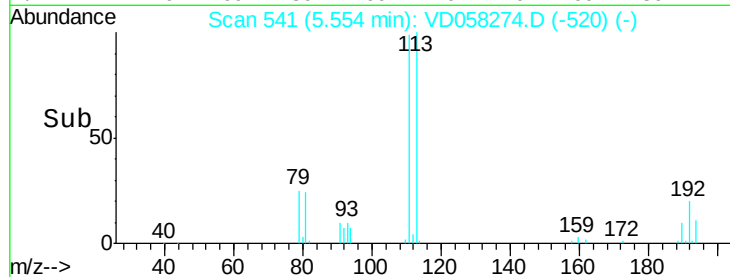
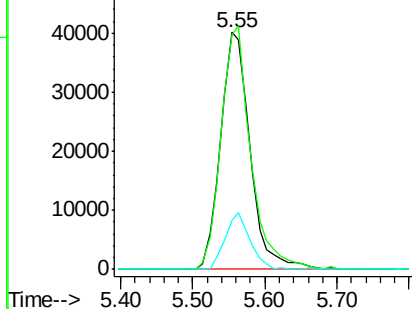
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.55 min Scan# 541
Delta R.T. 0.00 min
Lab File: VD058274.D
Acq: 22 Jun 2018 3:23

Instrument :
MSVOA_D
ClientSampled :
SP-A

Tot Ion:113 Resp: 113656
Ion Ratio Lower Upper
113 100
111 99.0 80.6 121.0
192 20.5 17.8 26.6

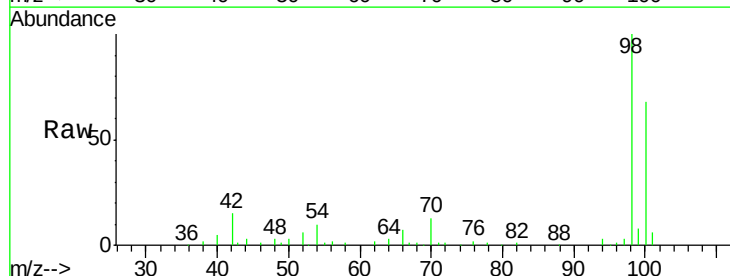


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

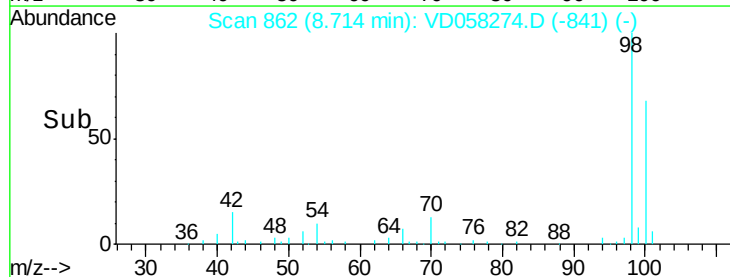
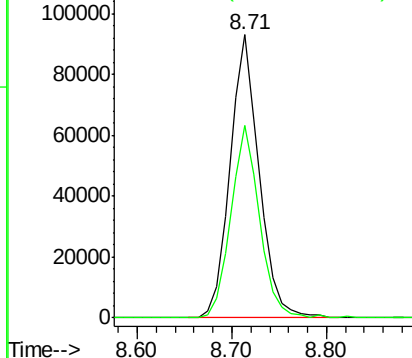


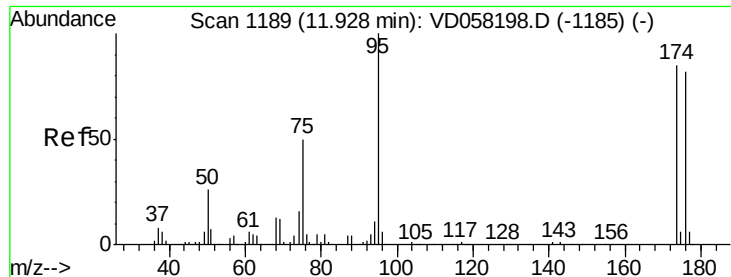
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 862
Delta R.T. 0.00 min
Lab File: VD058274.D
Acq: 22 Jun 2018 3:23

Tgt Ion: 98 Resp: 197255
Ion Ratio Lower Upper
98 100
100 68.2 53.6 80.4



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

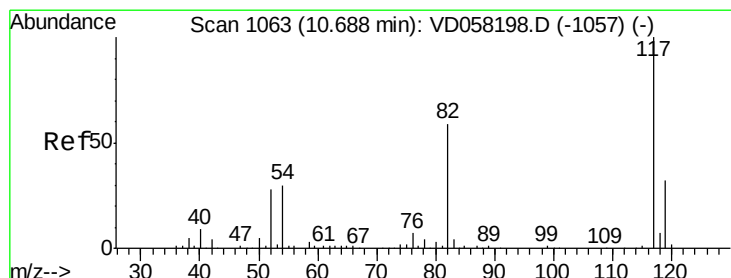
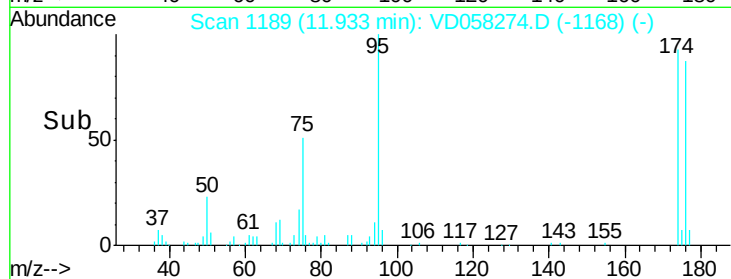
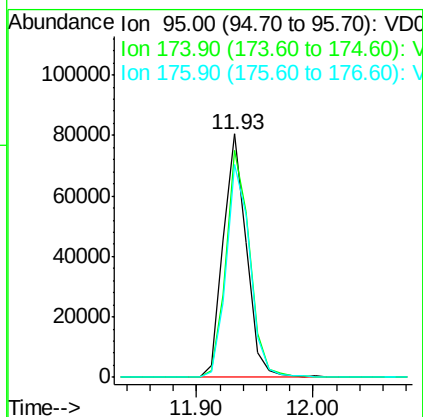
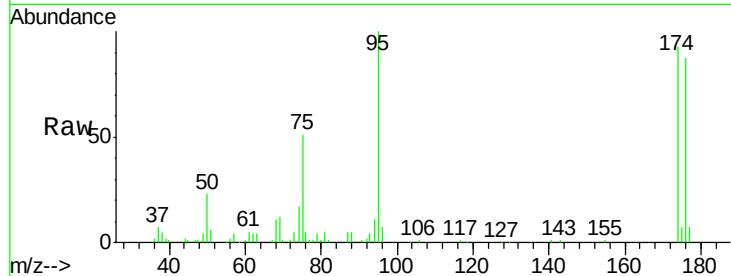




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VD058274.D
Acq: 22 Jun 2018 3:23

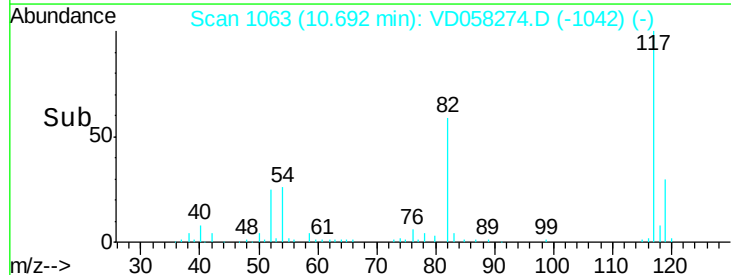
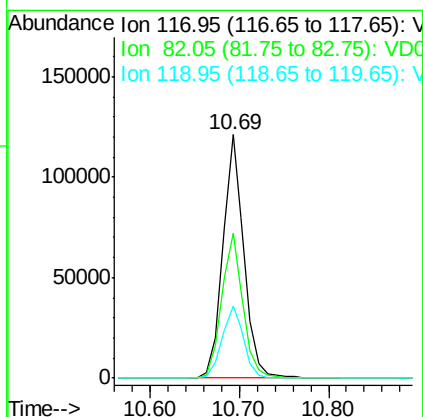
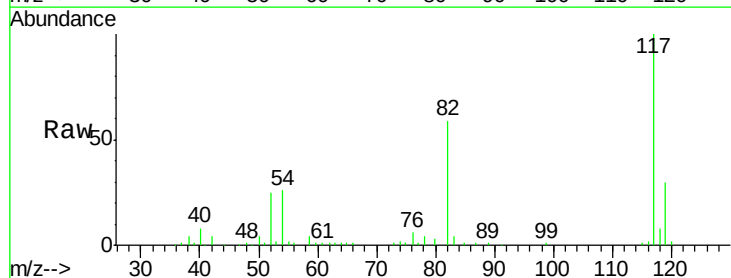
Instrument :
MSVOA_D
ClientSampled :
SP-A

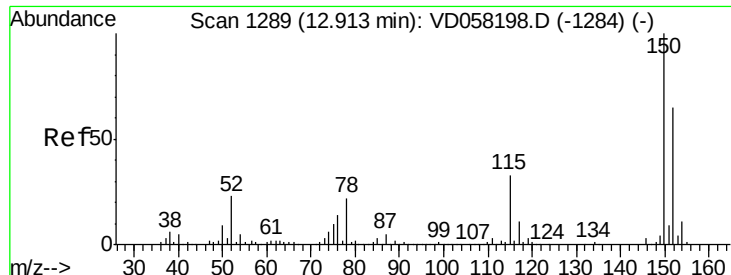
Tot Ion: 95 Resp: 110372
Ion Ratio Lower Upper
95 100
174 93.0 0.0 170.2
176 87.5 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VD058274.D
Acq: 22 Jun 2018 3:23

Tgt Ion: 117 Resp: 200148
Ion Ratio Lower Upper
117 100
82 59.4 47.0 70.6
119 29.7 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.91 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD058274.D

Acq: 22 Jun 2018 3:23

Instrument :

MSVOA_D

ClientSampleId :

SP-A

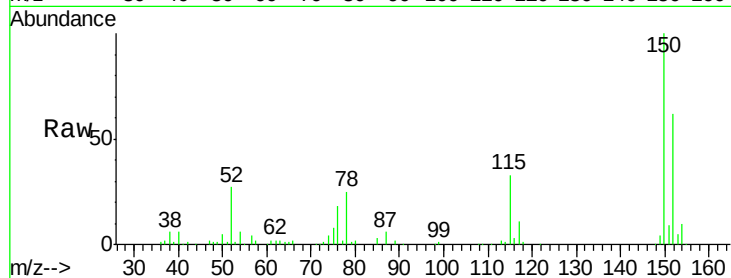
Tot Ion:152 Resp: 109431

Ion Ratio Lower Upper

152 100

115 53.7 25.1 75.3

150 160.2 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

