

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061818\
 Data File : VD058182.D
 Acq On : 18 Jun 2018 15:42
 Operator : VA/AP
 Sample : J3518-04
 Misc : 5.80g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EPE-106-7(70-72)

Quant Time: Jun 19 06:54:00 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	790324	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.69	114	999545	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	822296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	414151	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	377997	47.84	ug/l	-0.01
Spiked Amount			Recovery	=	95.68%	
35) Dibromofluoromethane	5.53	113	388772	50.27	ug/l	-0.02
Spiked Amount			Recovery	=	100.54%	
50) Toluene-d8	8.70	98	908983	49.44	ug/l	0.00
Spiked Amount			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.93	95	384542	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	

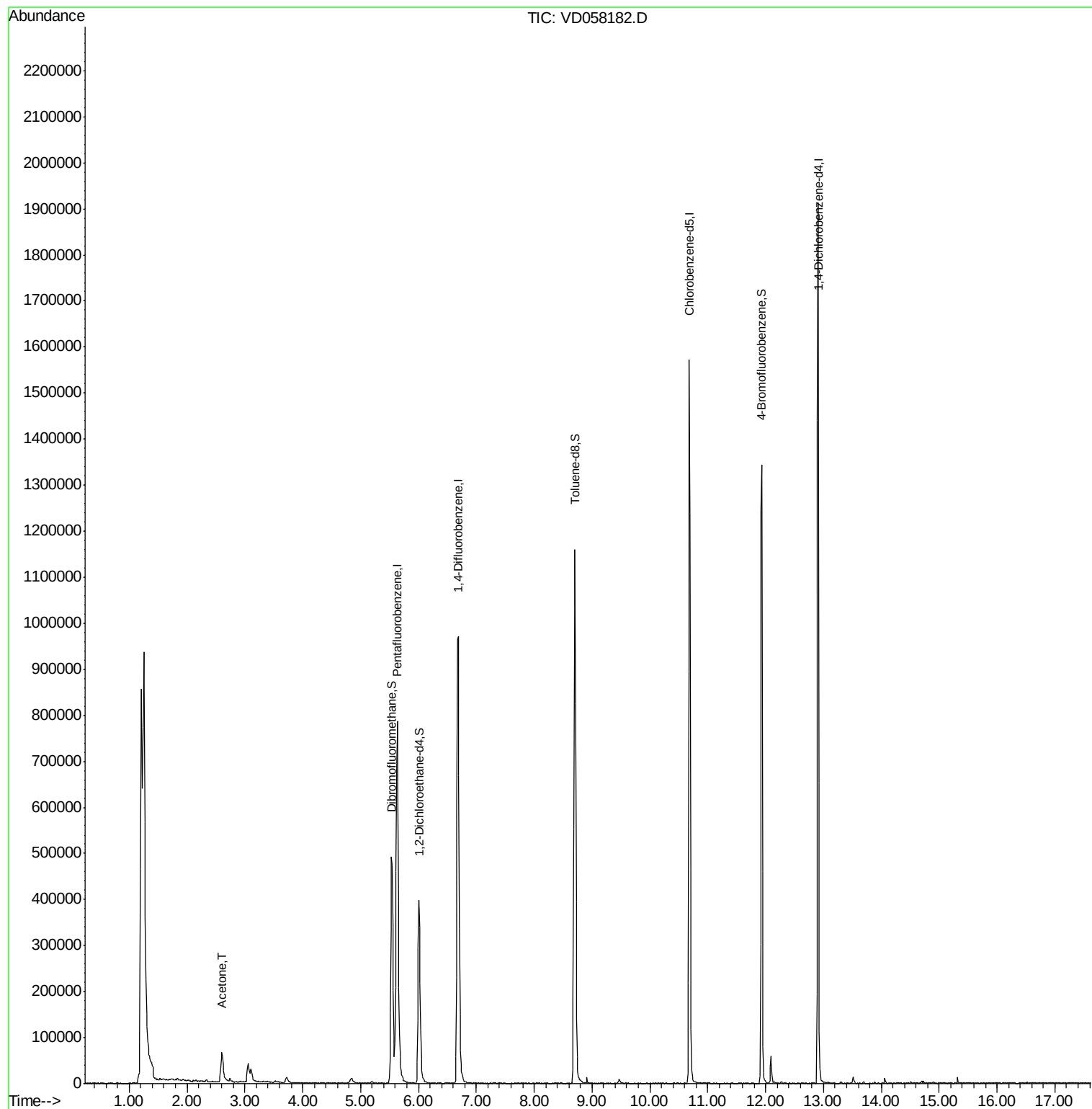
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.60	43	136127	119.58	ug/l	98

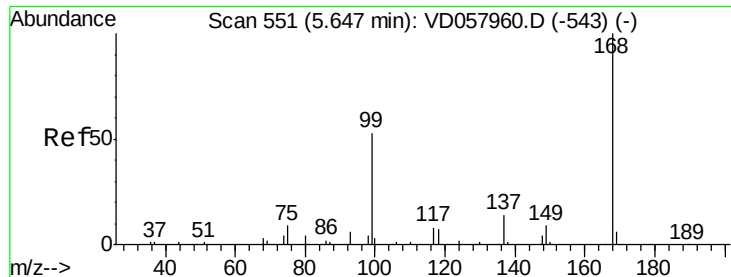
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. -0.01 min

Lab File: VD058182.D

Acq: 18 Jun 2018 15:42

Instrument :

MSVOA_D

ClientSampleId :

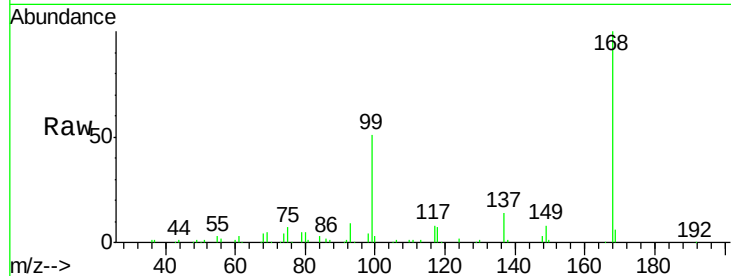
EPE-106-7(70-72)

Tot Ion:168 Resp: 790324

Ion Ratio Lower Upper

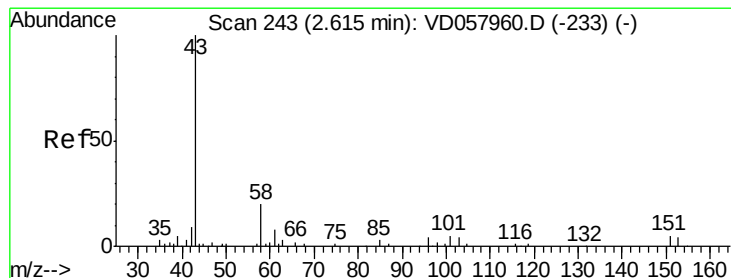
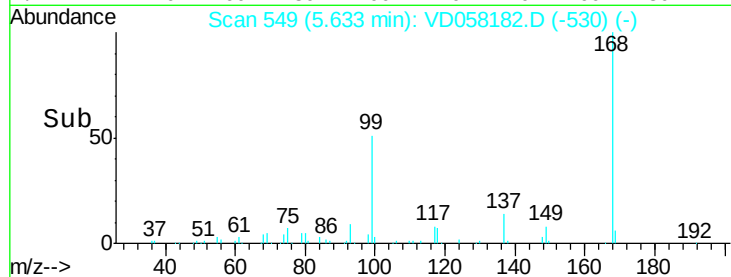
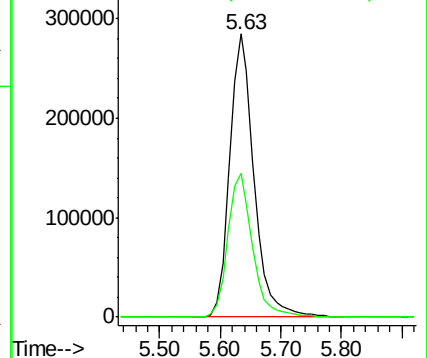
168 100

99 50.9 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: 119.58 ug/l

RT: 2.60 min Scan# 241

Delta R.T. -0.01 min

Lab File: VD058182.D

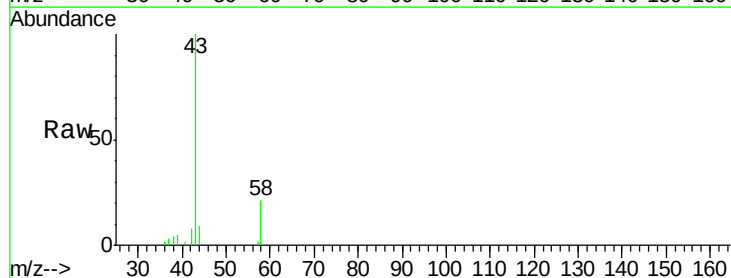
Acq: 18 Jun 2018 15:42

Tgt Ion: 43 Resp: 136127

Ion Ratio Lower Upper

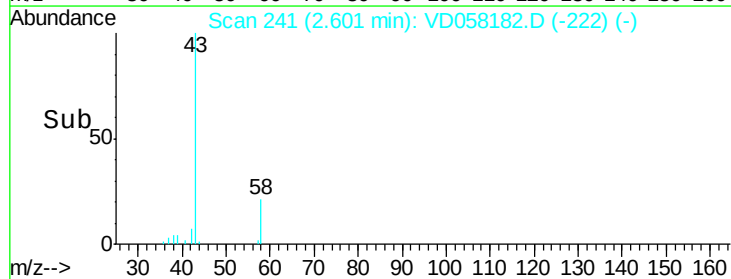
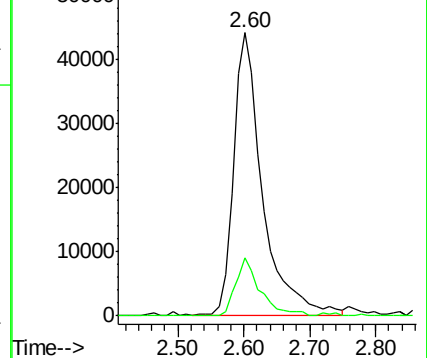
43 100

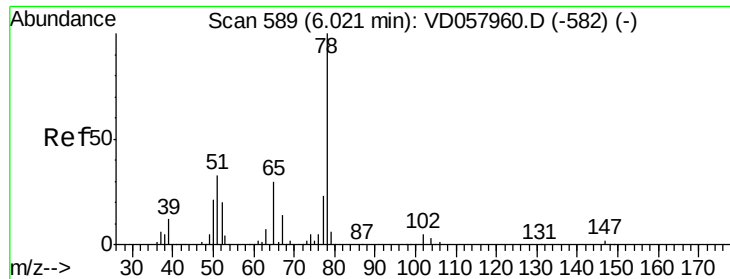
58 20.6 15.8 23.8



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: 6.01 min Scan# 587

Delta R.T. -0.01 min

Lab File: VD058182.D

Acq: 18 Jun 2018 15:42

Instrument :

MSVOA_D

ClientSampleId :

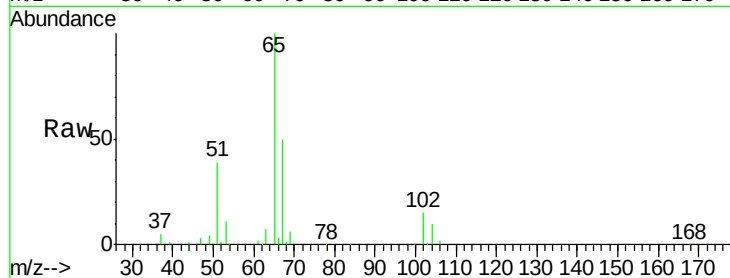
EPE-106-7(70-72)

Tot Ion: 65 Resp: 377997

Ion Ratio Lower Upper

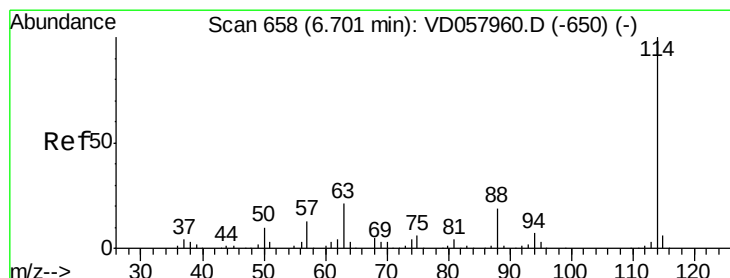
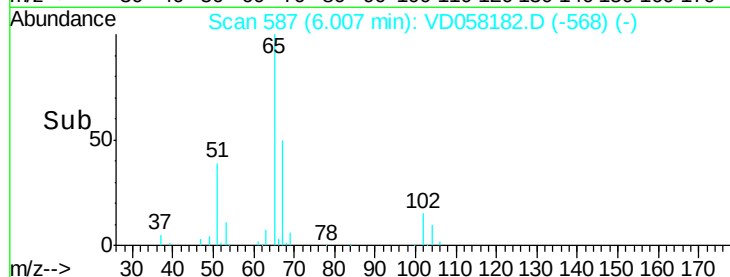
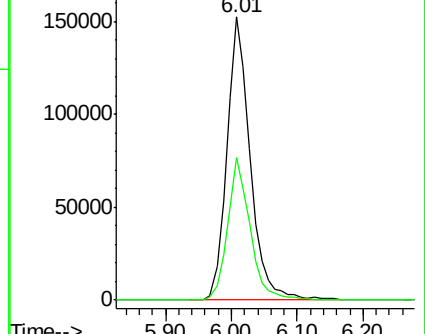
65 100

67 50.2 0.0 94.0



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: 6.69 min Scan# 656

Delta R.T. -0.01 min

Lab File: VD058182.D

Acq: 18 Jun 2018 15:42

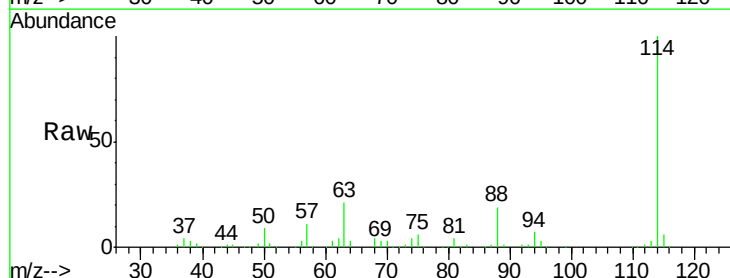
Tgt Ion: 114 Resp: 999545

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.8

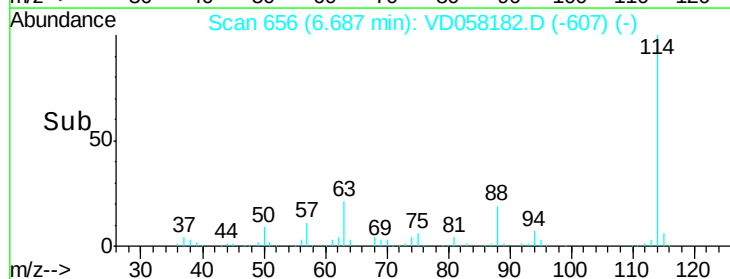
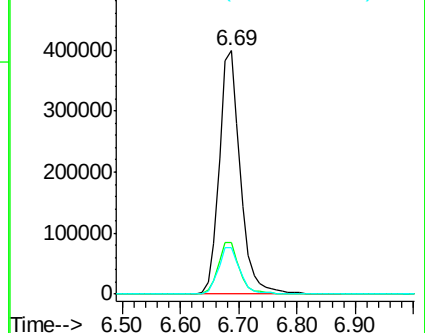
88 19.3 0.0 37.8

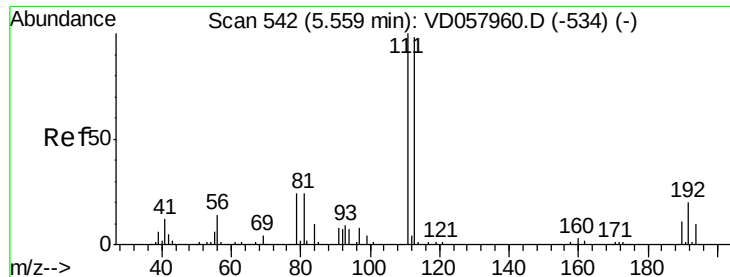


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

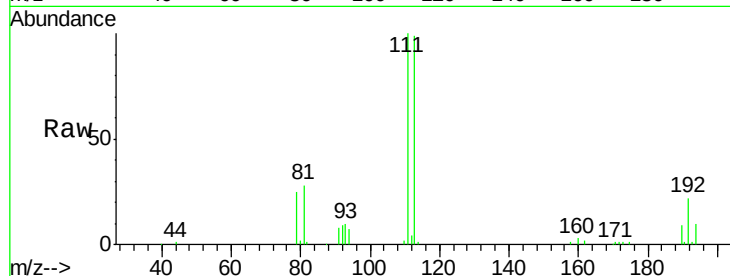




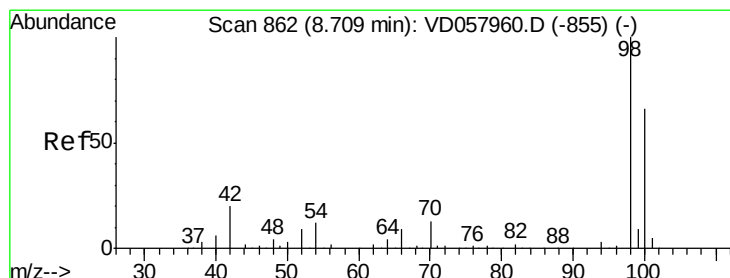
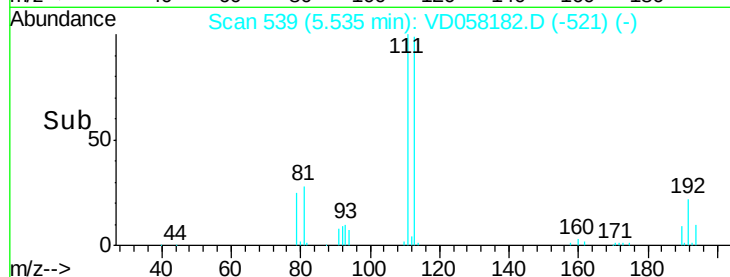
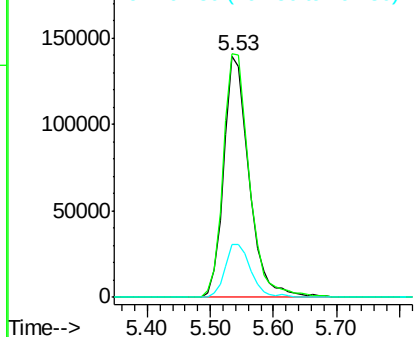
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.53 min Scan# 539
Delta R.T. -0.02 min
Lab File: VD058182.D
Acq: 18 Jun 2018 15:42

Instrument :
MSVOA_D
ClientSampleId :
EPE-106-7(70-72)

Tot Ion:113 Resp: 388772
Ion Ratio Lower Upper
113 100
111 100.9 81.5 122.3
192 21.7 16.4 24.6

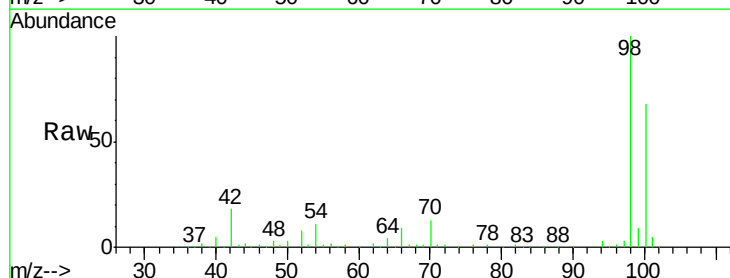


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

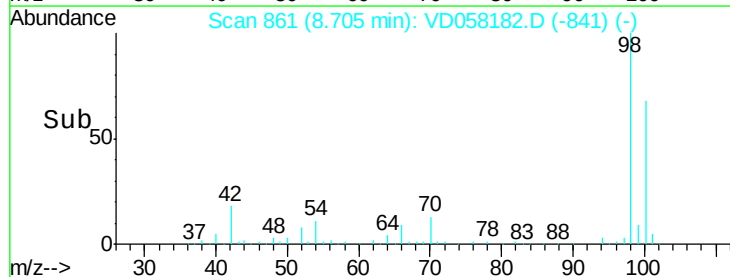
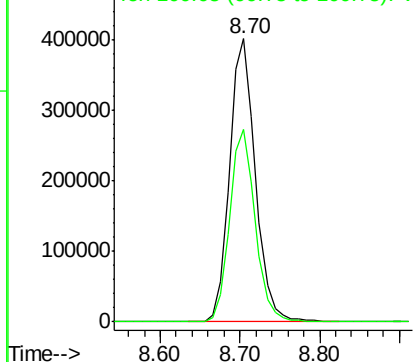


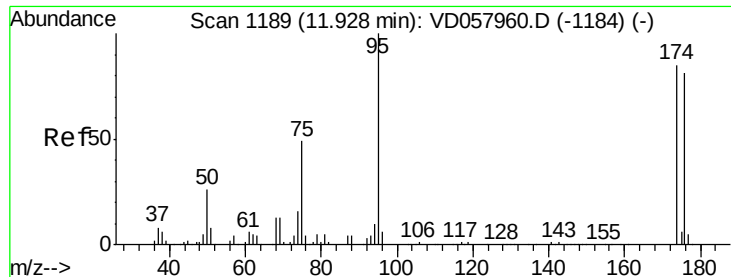
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.00 min
Lab File: VD058182.D
Acq: 18 Jun 2018 15:42

Tgt Ion: 98 Resp: 908983
Ion Ratio Lower Upper
98 100
100 68.0 53.4 80.0



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. 0.01 min

Lab File: VD058182.D

Acq: 18 Jun 2018 15:42

Instrument :

MSVOA_D

ClientSampleId :

EPE-106-7(70-72)

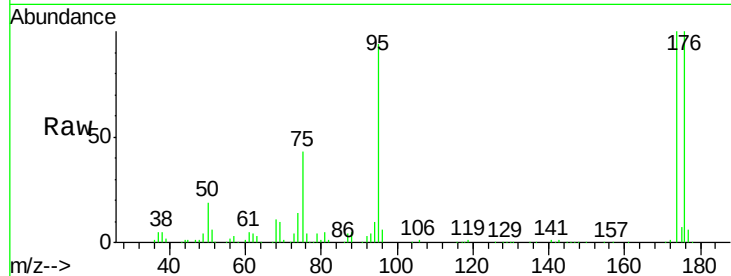
Tot Ion: 95 Resp: 384542

Ion Ratio Lower Upper

95 100

174 106.2 0.0 169.4

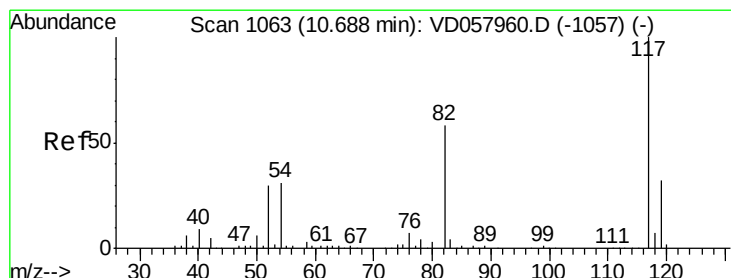
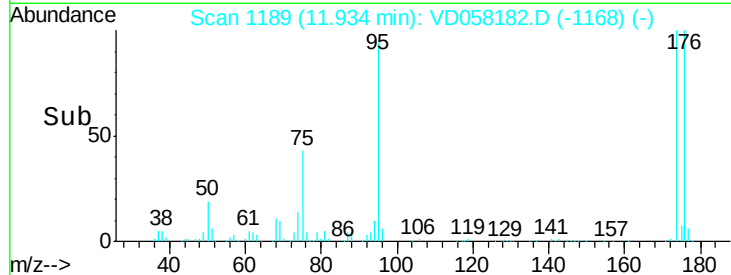
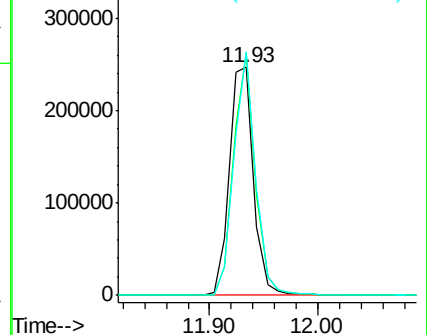
176 106.7 0.0 162.6



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. -0.00 min

Lab File: VD058182.D

Acq: 18 Jun 2018 15:42

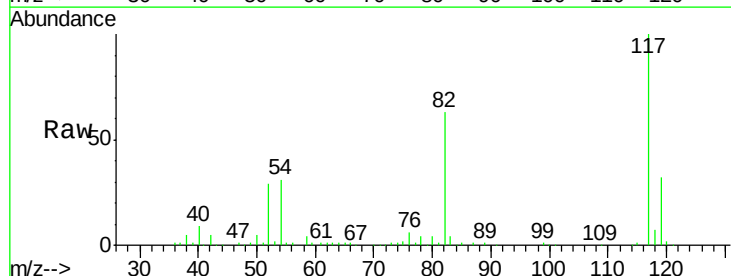
Tgt Ion: 117 Resp: 822296

Ion Ratio Lower Upper

117 100

82 63.3 46.8 70.2

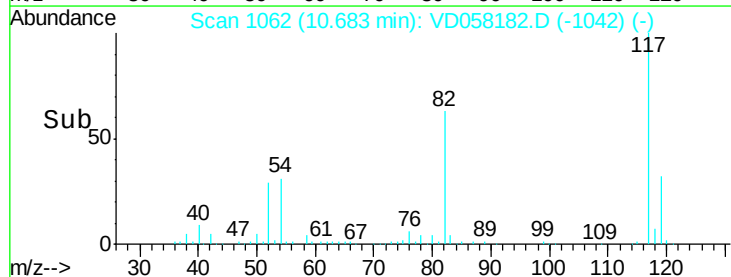
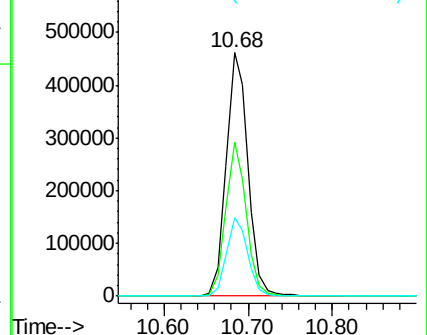
119 32.0 25.8 38.6

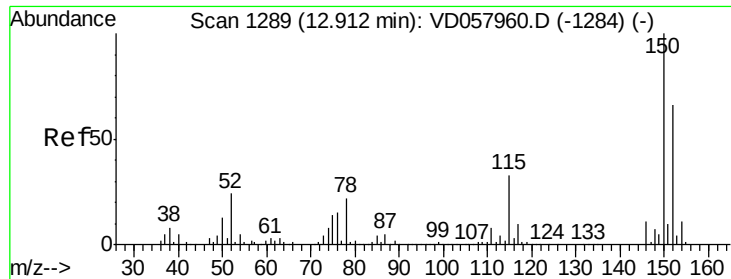


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

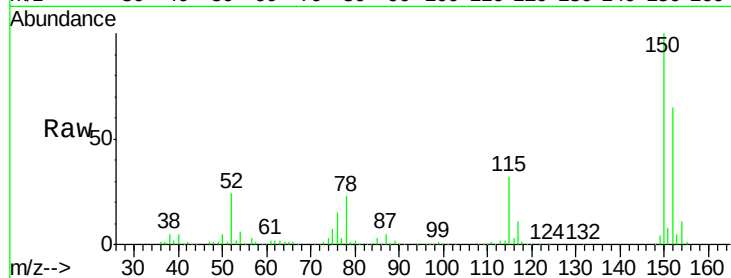




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.91 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VD058182.D
 Acq: 18 Jun 2018 15:42

Instrument :
 MSVOA_D
 ClientSampleId :
 EPE-106-7(70-72)

Tot Ion:152 Resp: 414151
 Ion Ratio Lower Upper
 152 100
 115 49.3 25.6 76.6
 150 154.1 0.0 306.8



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

