

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061418\
 Data File : VD058145.D
 Acq On : 14 Jun 2018 19:41
 Operator : VA/AP
 Sample : J3498-15
 Misc : 6.54g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-D-S

Quant Time: Jun 15 07:33:55 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

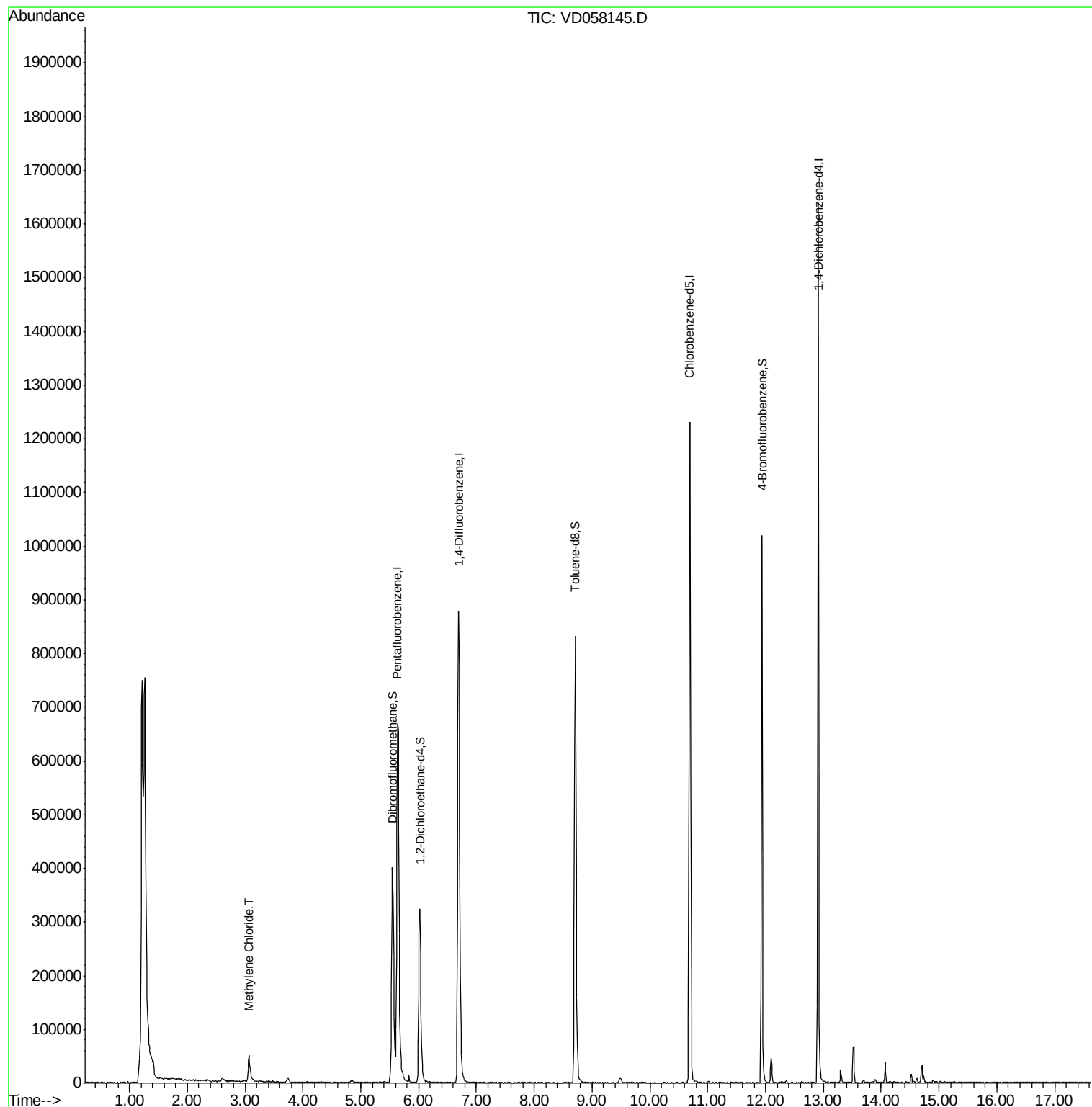
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	668040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	862209	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	701885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	344356	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	317085	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
35) Dibromofluoromethane	5.55	113	318352	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
50) Toluene-d8	8.71	98	655673	41.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.68%	
62) 4-Bromofluorobenzene	11.94	95	275423	39.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.62%	
Target Compounds						
20) Methylene Chloride	3.07	84	22267	1.934	ug/l #	Qvalue 80

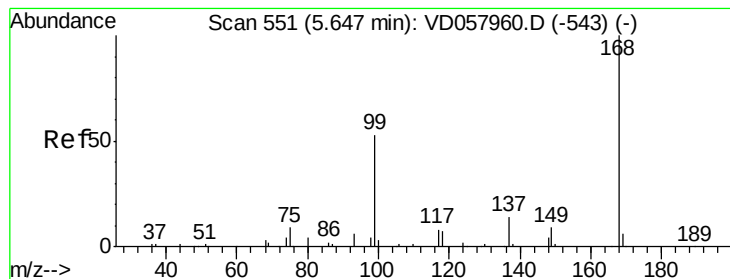
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 551

Delta R.T. 0.00 min

Lab File: VD058145.D

Acq: 14 Jun 2018 19:41

Instrument :

MSVOA_D

ClientSampled :

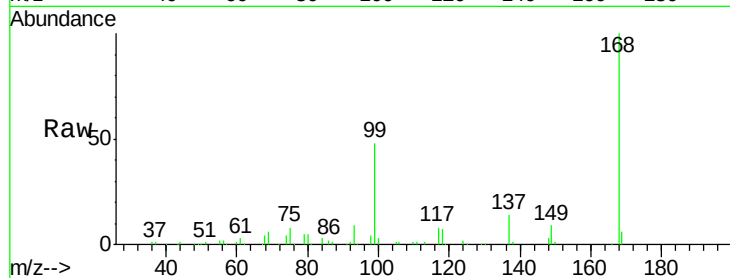
TP-D-S

Tot Ion:168 Resp: 668040

Ion Ratio Lower Upper

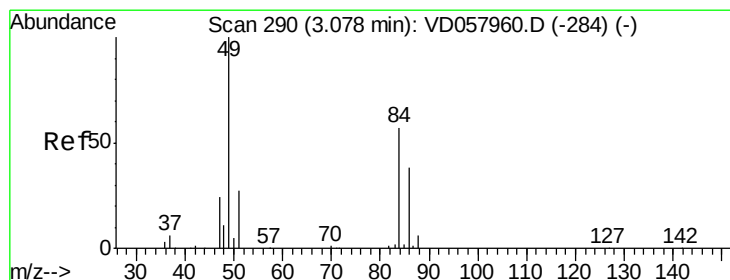
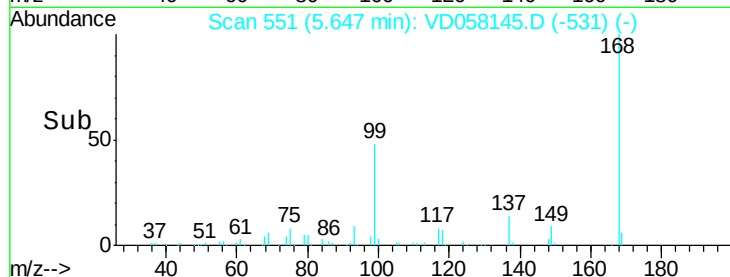
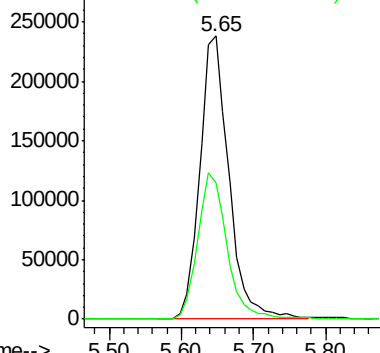
168 100

99 48.3 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 1.934 ug/l

RT: 3.07 min Scan# 289

Delta R.T. -0.01 min

Lab File: VD058145.D

Acq: 14 Jun 2018 19:41

Tgt Ion: 84 Resp: 22267

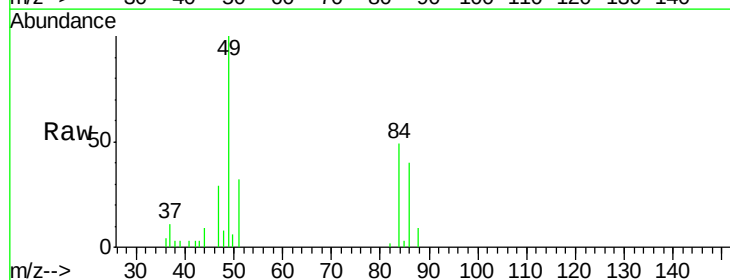
Ion Ratio Lower Upper

84 100

49 203.9 141.4 212.0

51 65.2 38.3 57.5#

86 80.6 52.9 79.3#

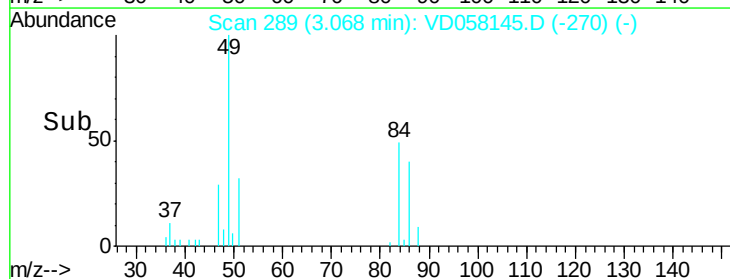
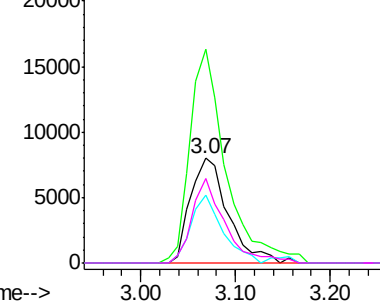


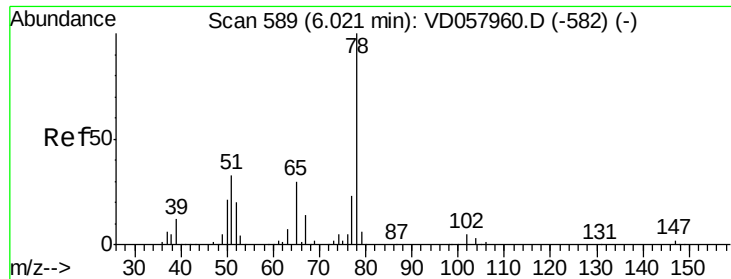
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

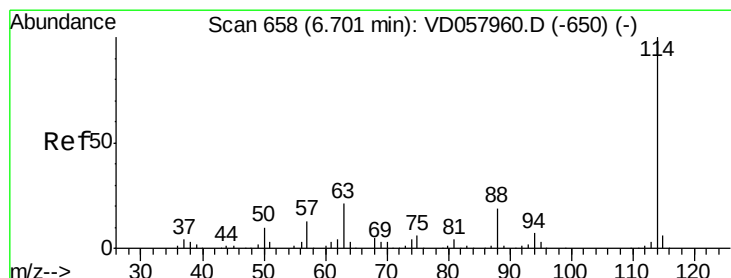
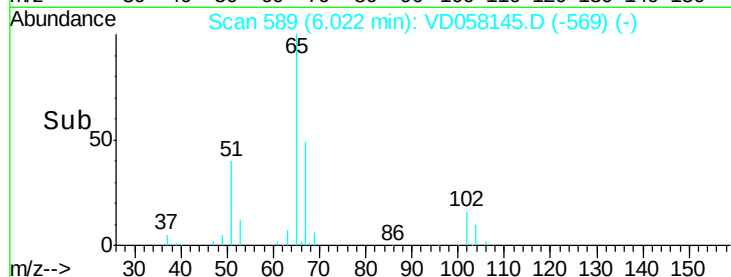
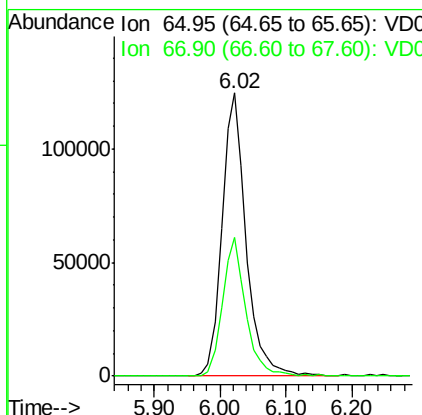
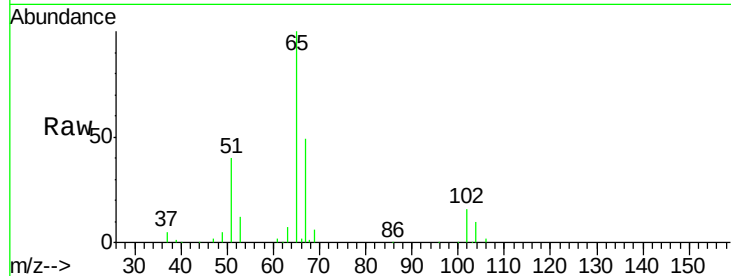




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.02 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: VD058145.D
 Acq: 14 Jun 2018 19:41

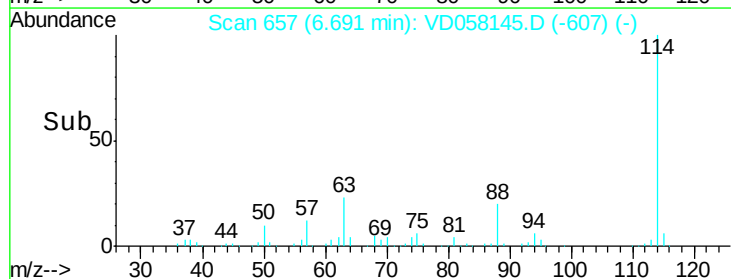
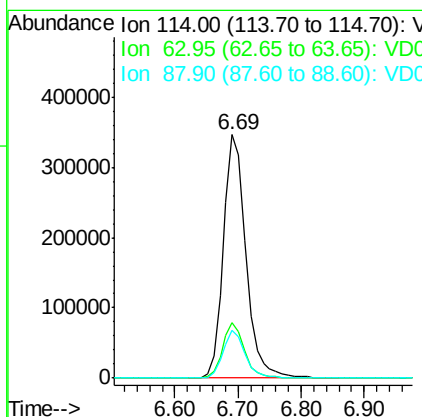
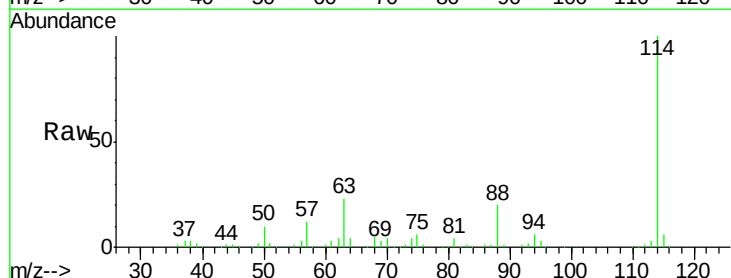
Instrument :
 MSVOA_D
 ClientSampled :
 TP-D-S

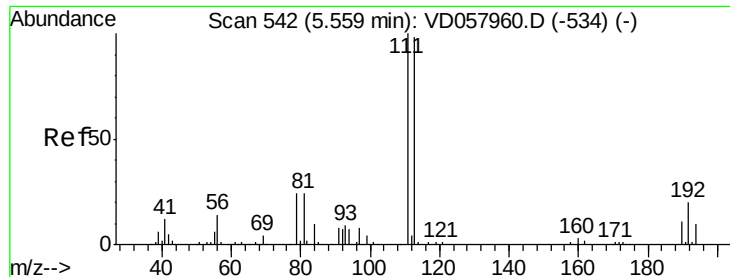
Tot Ion: 65 Resp: 317085
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 94.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VD058145.D
 Acq: 14 Jun 2018 19:41

Tgt Ion: 114 Resp: 862209
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 42.8
 88 19.7 0.0 37.8

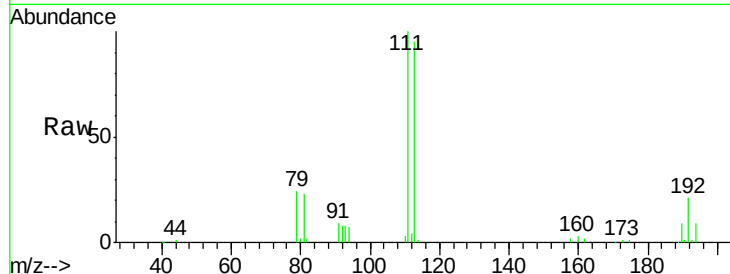




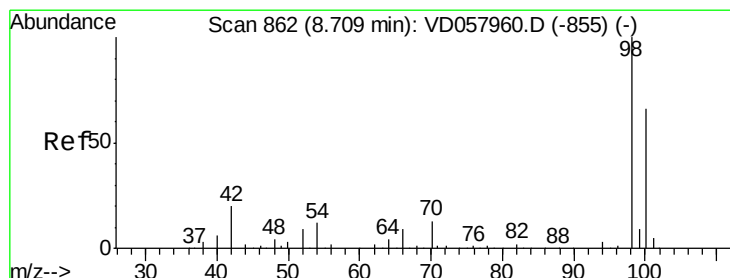
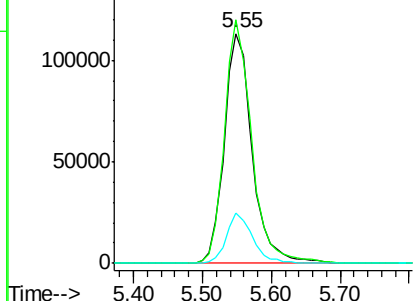
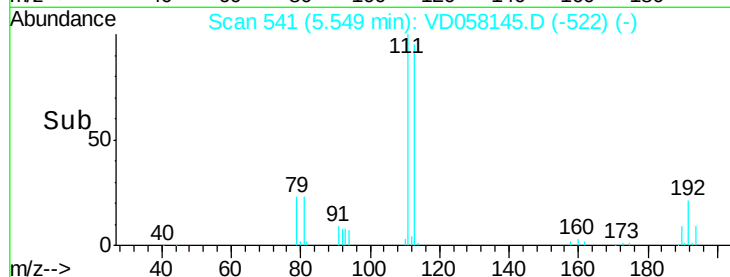
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 5.55 min Scan# 541
Delta R.T. -0.01 min
Lab File: VD058145.D
Acq: 14 Jun 2018 19:41

Instrument :
MSVOA_D
ClientSampleId :
TP-D-S

Tot Ion:113 Resp: 318352
Ion Ratio Lower Upper
113 100
111 105.8 81.5 122.3
192 22.1 16.4 24.6

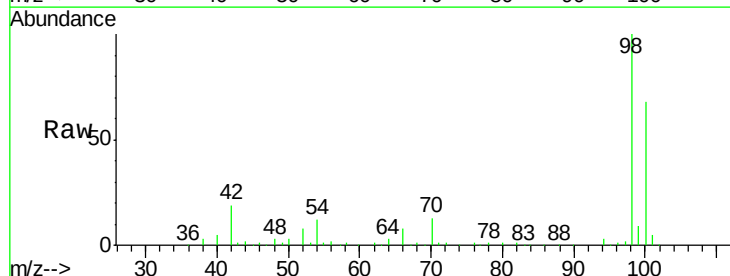


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

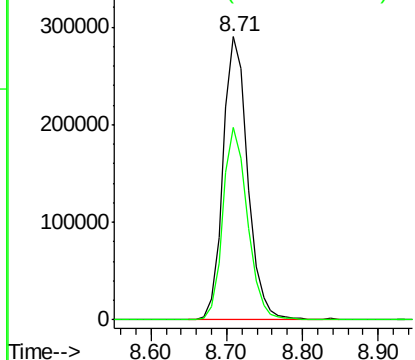
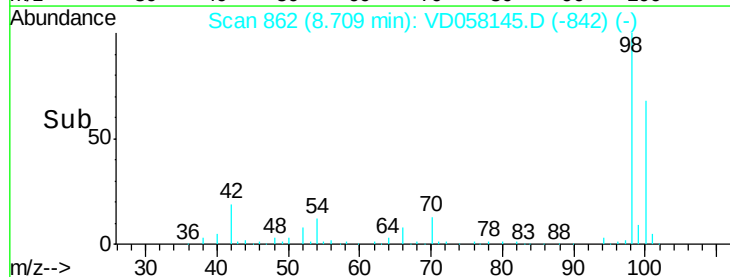


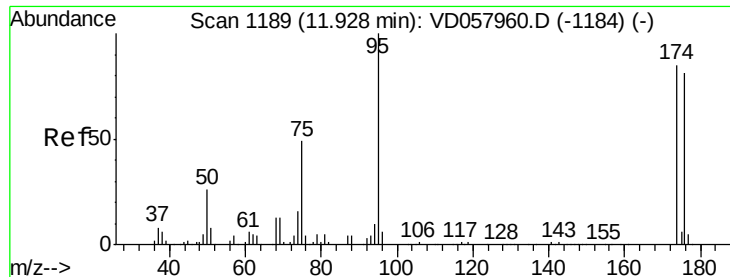
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 862
Delta R.T. 0.00 min
Lab File: VD058145.D
Acq: 14 Jun 2018 19:41

Tgt Ion: 98 Resp: 655673
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

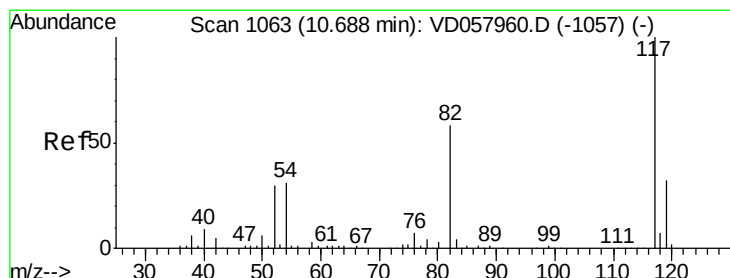
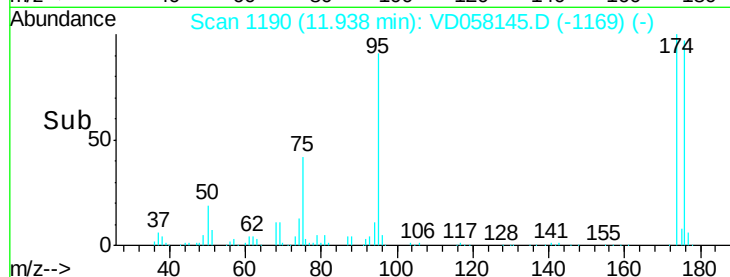
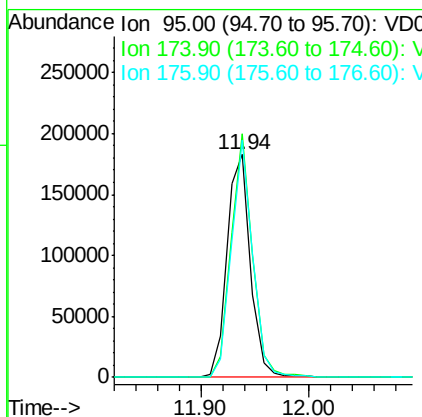
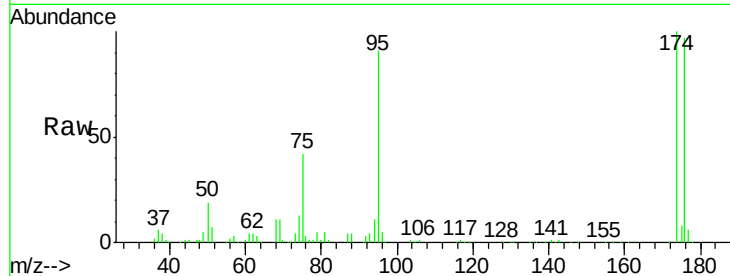




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.94 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD058145.D
Acq: 14 Jun 2018 19:41

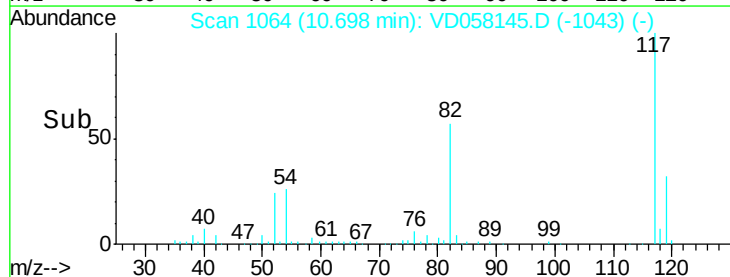
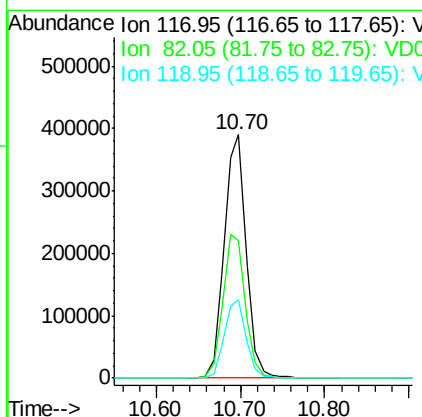
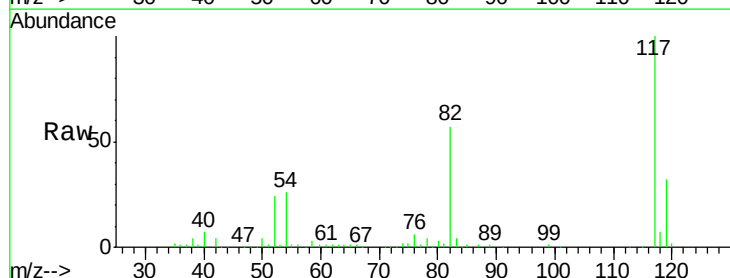
Instrument :
MSVOA_D
ClientSampleId :
TP-D-S

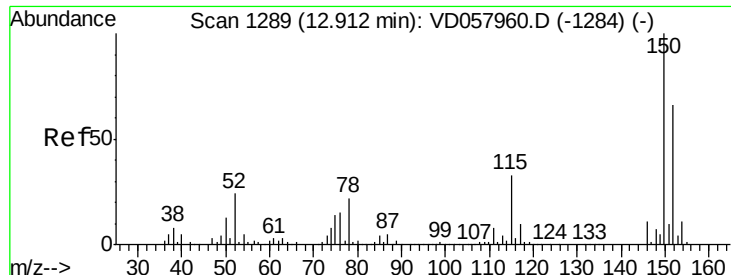
Tot Ion: 95 Resp: 275423
Ion Ratio Lower Upper
95 100
174 109.4 0.0 169.4
176 106.6 0.0 162.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD058145.D
Acq: 14 Jun 2018 19:41

Tgt Ion: 117 Resp: 701885
Ion Ratio Lower Upper
117 100
82 56.5 46.8 70.2
119 32.1 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.91 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VD058145.D
 Acq: 14 Jun 2018 19:41

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-D-S

Tot Ion	Ratio	Lower	Upper
152	100		
115	49.7	25.6	76.6
150	151.5	0.0	306.8

