

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072518\
 Data File : VD059592.D
 Acq On : 25 Jul 2018 16:32
 Operator : VA/AP
 Sample : J4070-03
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 KY030LC018-S-180718

Quant Time: Jul 26 05:30:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 07:10:33 2018
 Response via : Initial Calibration

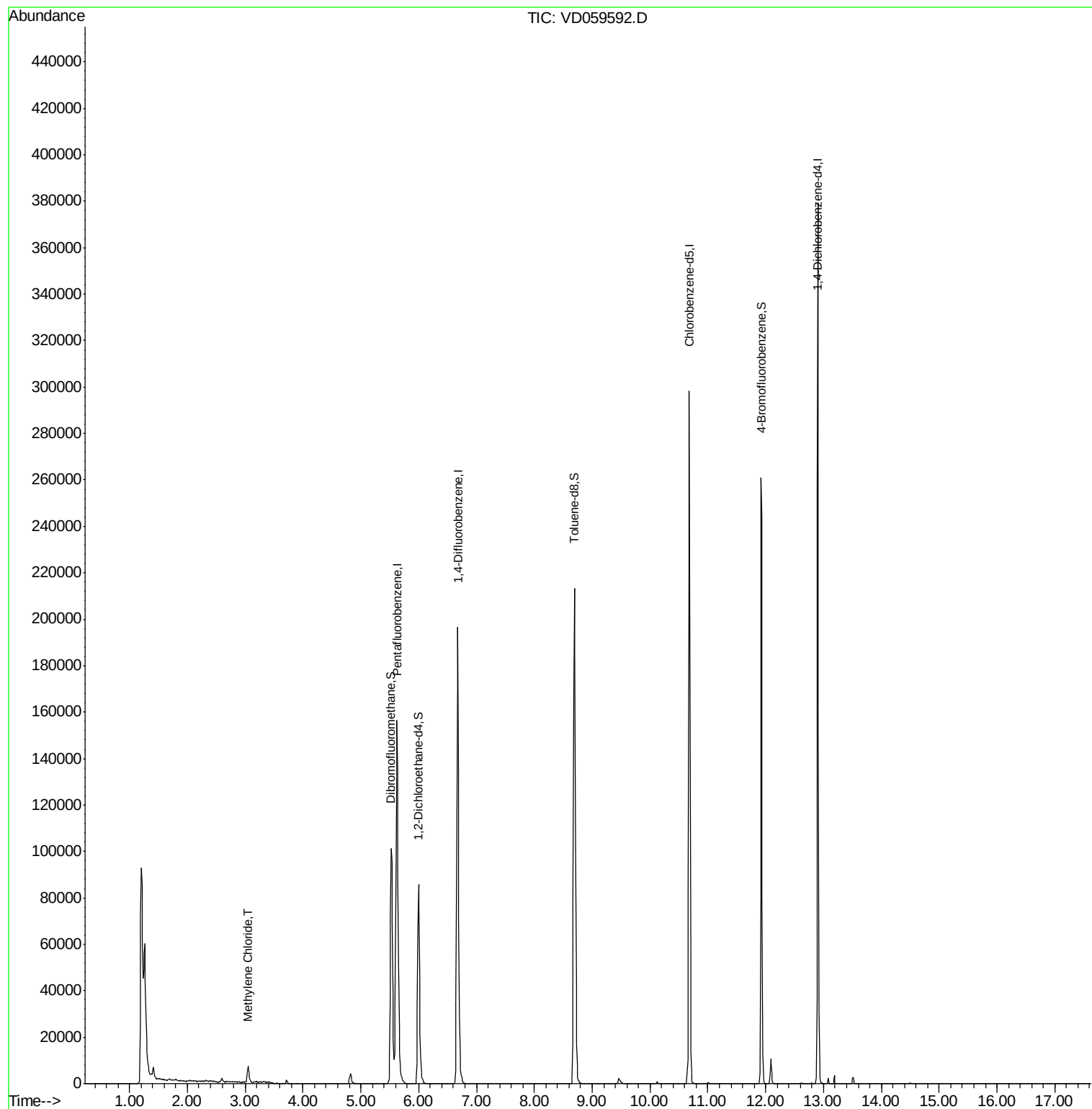
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	144154	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.68	114	180406	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.68	117	149245	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	78412	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	94865	52.35	ug/l	0.02
Spiked Amount 50.000			Recovery	=	104.70%	
35) Dibromofluoromethane	5.52	113	82574	53.36	ug/l	0.02
Spiked Amount 50.000			Recovery	=	106.72%	
50) Toluene-d8	8.69	98	173613	49.46	ug/l	0.02
Spiked Amount 50.000			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	11.92	95	76218	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
Target Compounds						
20) Methylene Chloride	3.05	84	3433	4.40	ug/l	Qvalue # 94

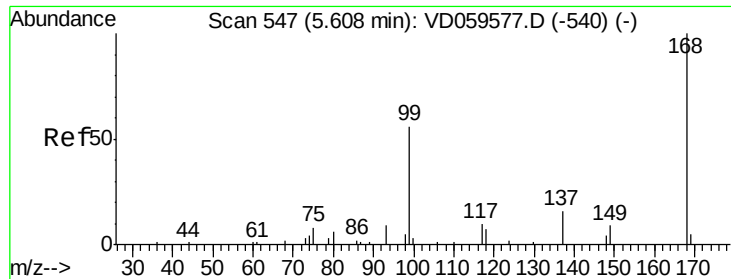
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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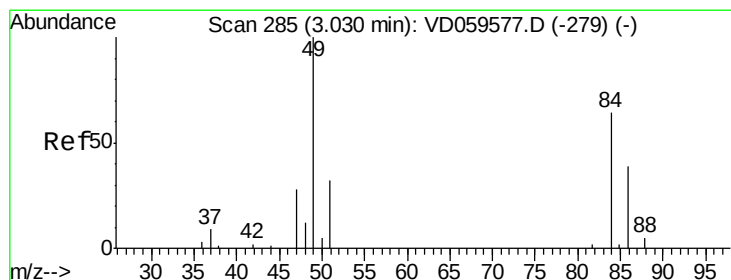
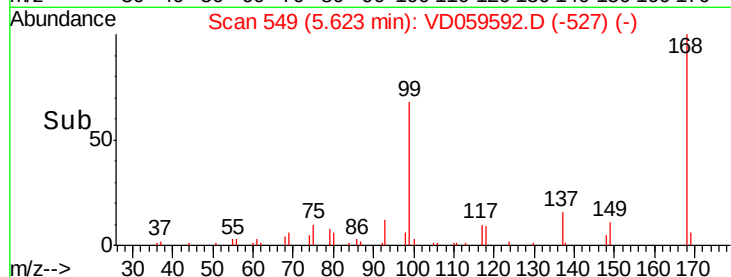
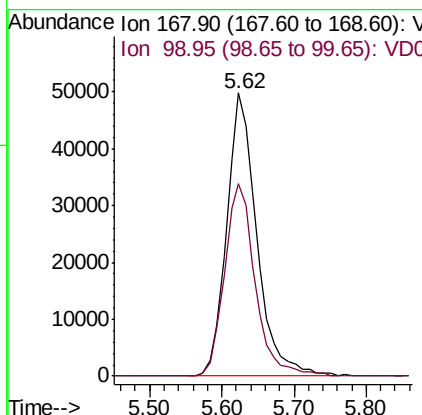
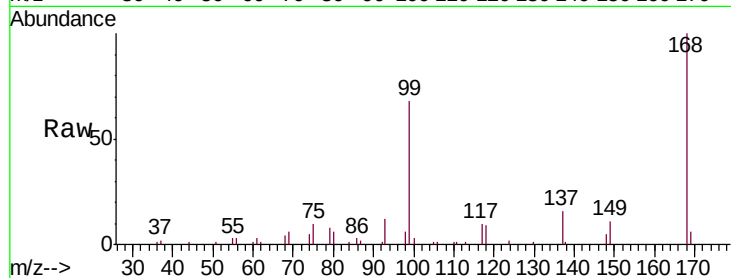




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.62 min Scan# 549
Delta R.T. 0.02 min
Lab File: VD059592.D
Acq: 25 Jul 2018 16:32

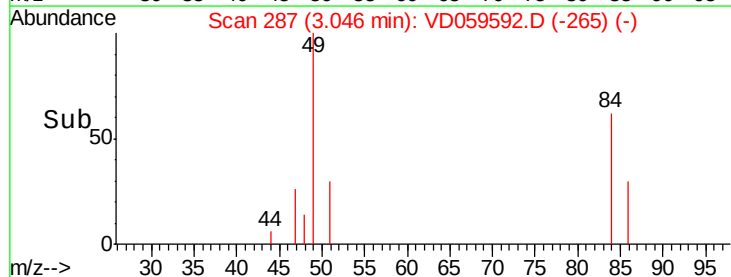
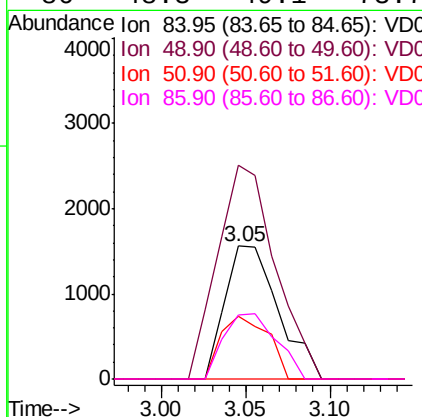
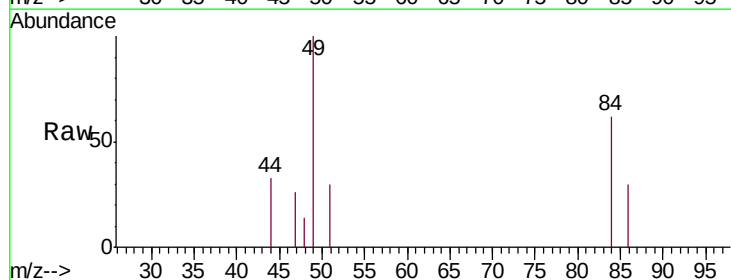
Instrument :
MSVOA_D
ClientSampleId :
KY030LC018-S-180718

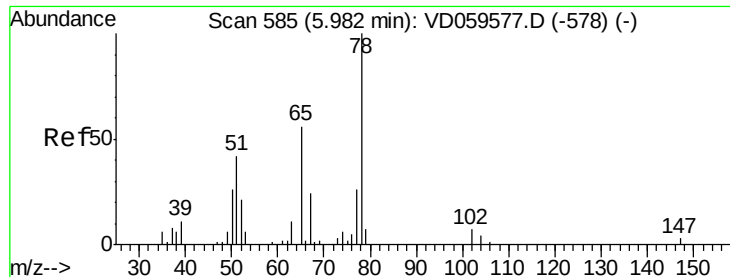
Tot Ion:168 Resp: 144154
Ion Ratio Lower Upper
168 100
99 68.0 47.3 70.9



#20
Methylene Chloride
Concen: 4.40 ug/l
RT: 3.05 min Scan# 287
Delta R.T. 0.02 min
Lab File: VD059592.D
Acq: 25 Jul 2018 16:32

Tgt Ion: 84 Resp: 3433
Ion Ratio Lower Upper
84 100
49 160.6 125.4 188.2
51 47.6 39.7 59.5
86 48.3 49.1 73.7#

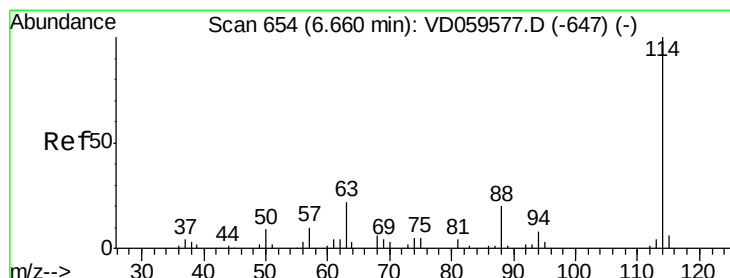
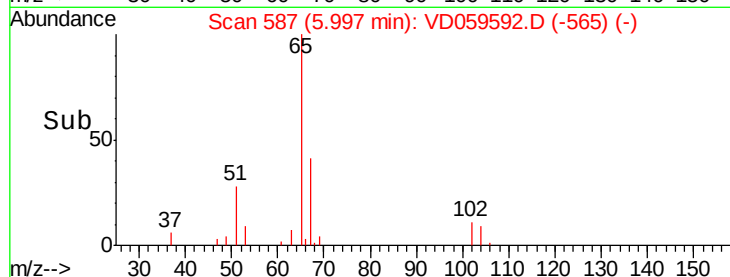
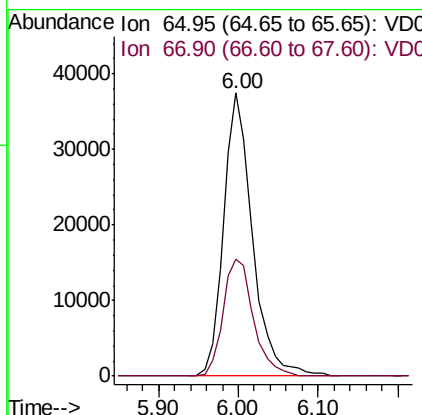
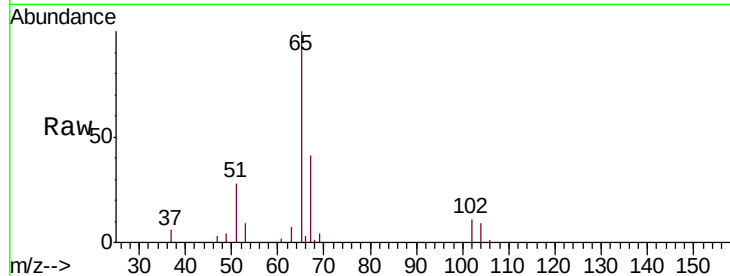




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.00 min Scan# 587
 Delta R.T. 0.02 min
 Lab File: VD059592.D
 Acq: 25 Jul 2018 16:32

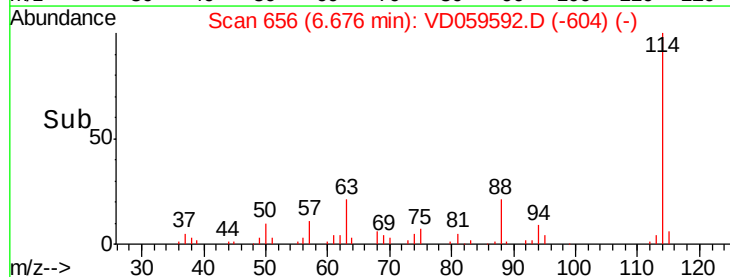
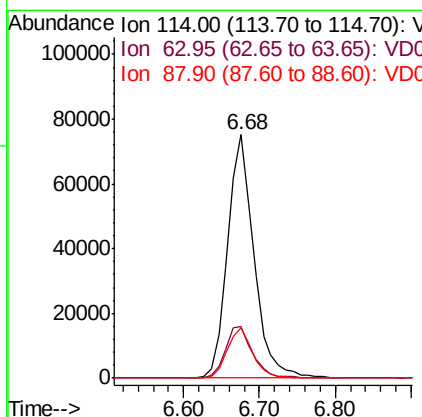
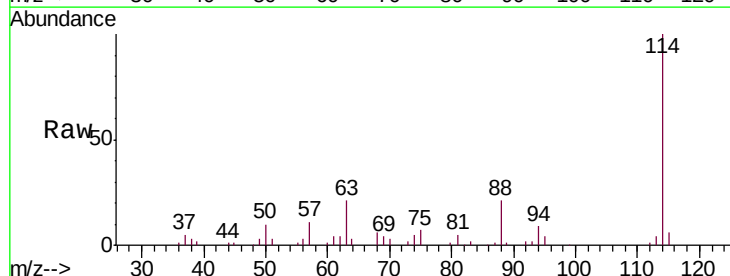
Instrument :
 MSVOA_D
 ClientSampleId :
 KY030LC018-S-180718

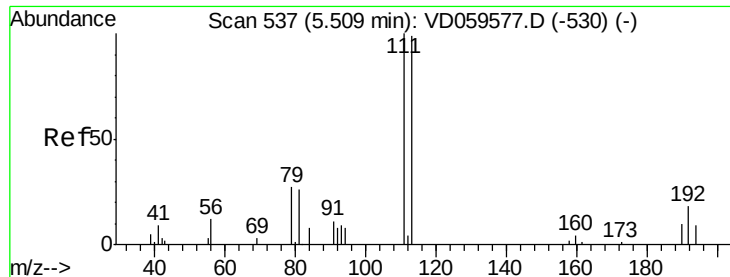
Tot Ion: 65 Resp: 94865
 Ion Ratio Lower Upper
 65 100
 67 41.3 0.0 86.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. 0.02 min
 Lab File: VD059592.D
 Acq: 25 Jul 2018 16:32

Tgt Ion: 114 Resp: 180406
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.8
 88 20.6 0.0 39.0

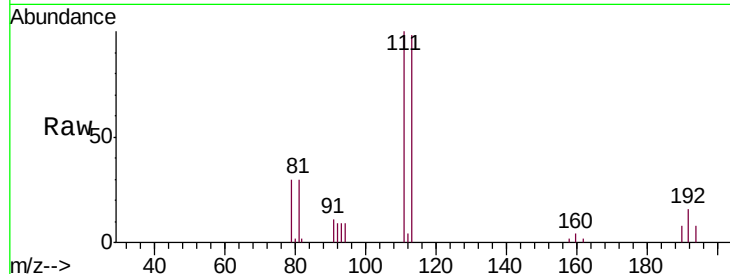




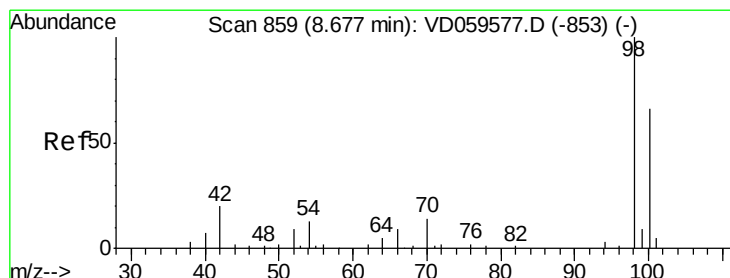
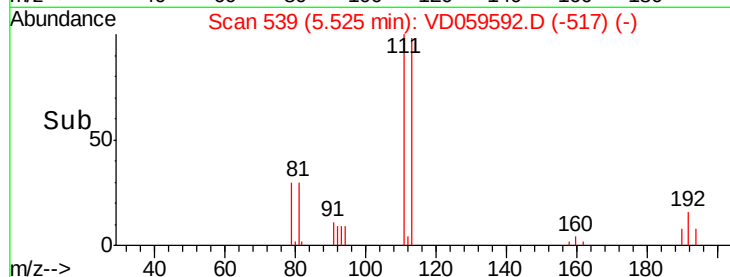
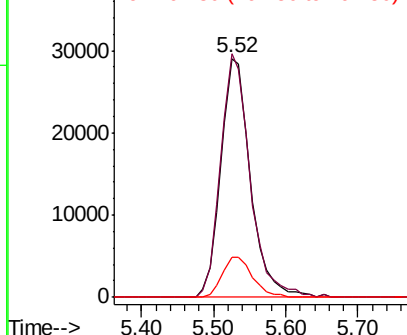
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.52 min Scan# 539
Delta R.T. 0.02 min
Lab File: VD059592.D
Acq: 25 Jul 2018 16:32

Instrument :
MSVOA_D
ClientSampleId :
KY030LC018-S-180718

Tot Ion:113 Resp: 82574
Ion Ratio Lower Upper
113 100
111 102.1 80.5 120.7
192 16.7 14.5 21.7

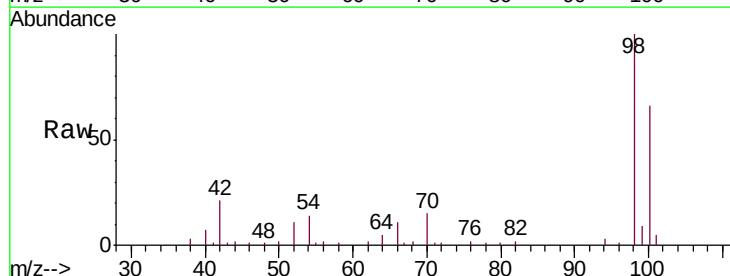


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

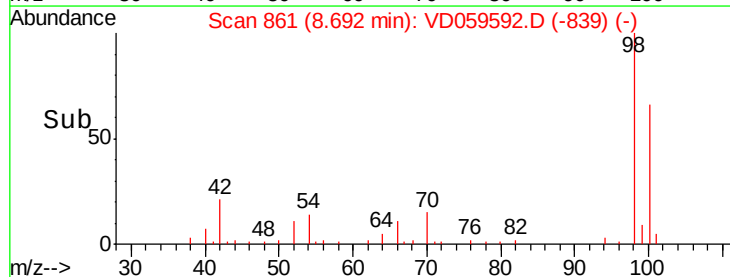
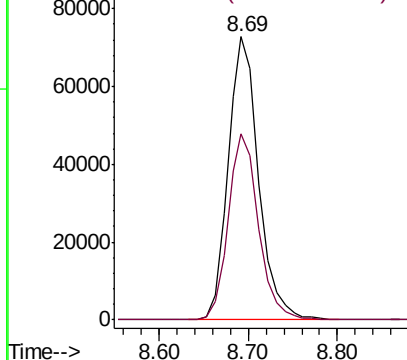


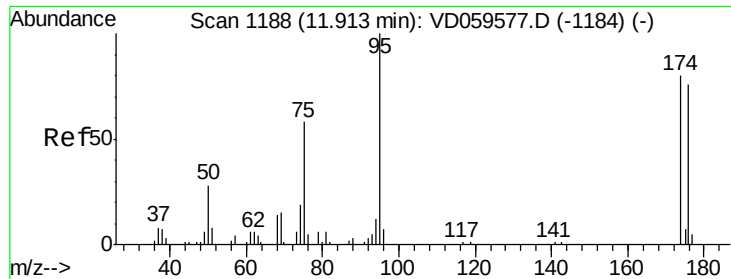
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 861
Delta R.T. 0.02 min
Lab File: VD059592.D
Acq: 25 Jul 2018 16:32

Tgt Ion: 98 Resp: 173613
Ion Ratio Lower Upper
98 100
100 65.6 53.2 79.8



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

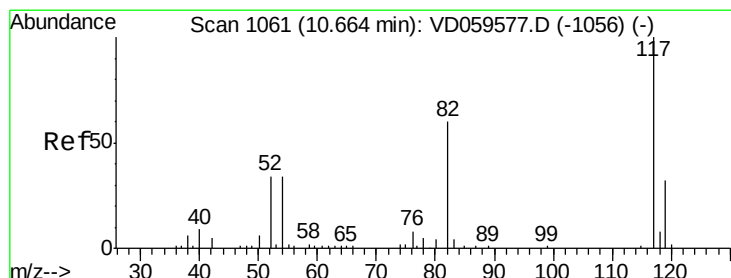
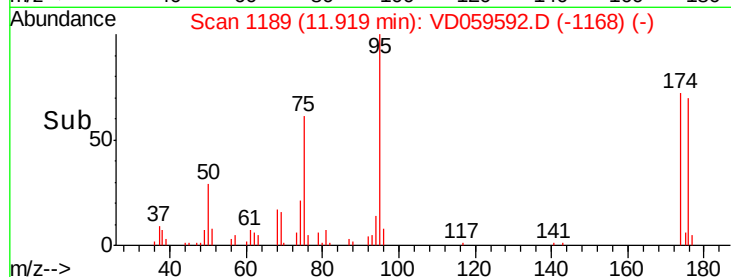
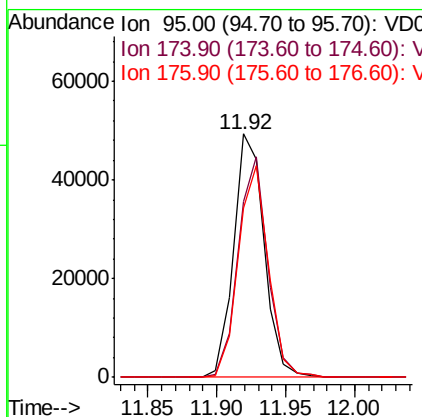
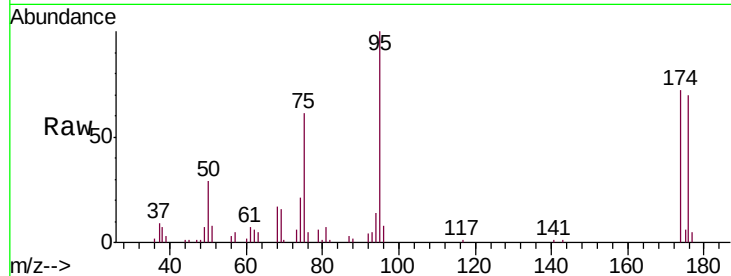




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. 0.01 min
Lab File: VD059592.D
Acq: 25 Jul 2018 16:32

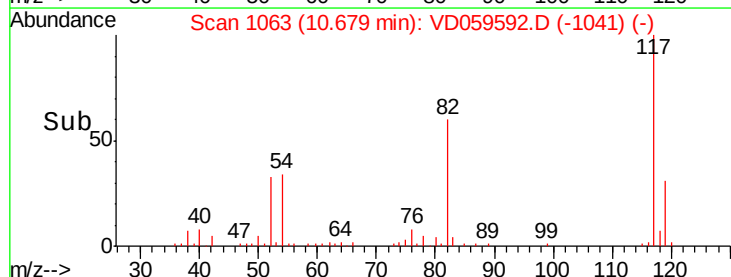
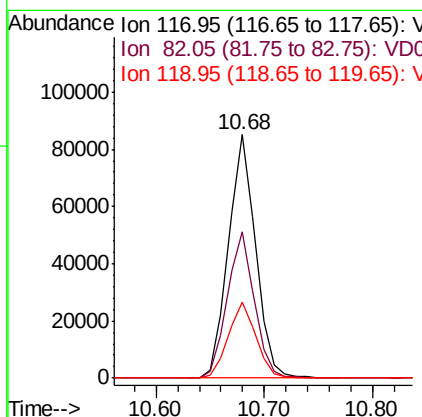
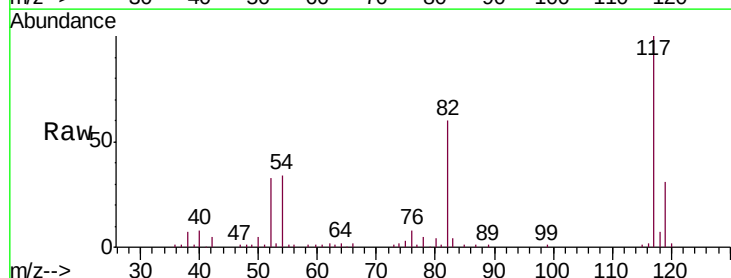
Instrument :
MSVOA_D
ClientSampleId :
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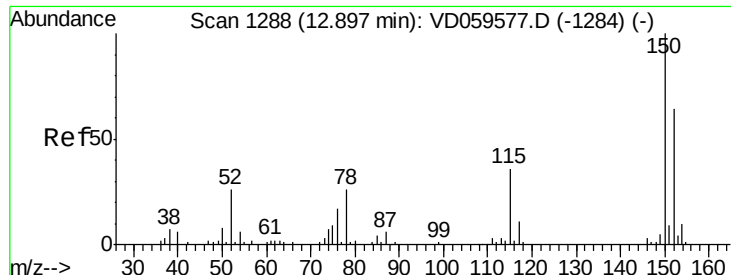
Tot Ion: 95 Resp: 76218
Ion Ratio Lower Upper
95 100
174 72.0 0.0 160.6
176 69.8 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1063
Delta R.T. 0.02 min
Lab File: VD059592.D
Acq: 25 Jul 2018 16:32

Tgt Ion: 117 Resp: 149245
Ion Ratio Lower Upper
117 100
82 60.1 48.2 72.2
119 31.2 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.90 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VD059592.D

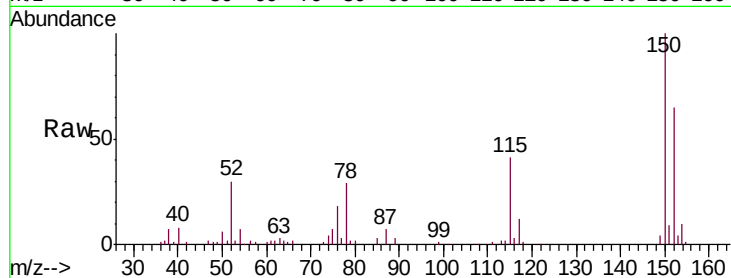
Acq: 25 Jul 2018 16:32

Instrument :

MSVOA_D

ClientSampleId :

KY030LC018-S-180718



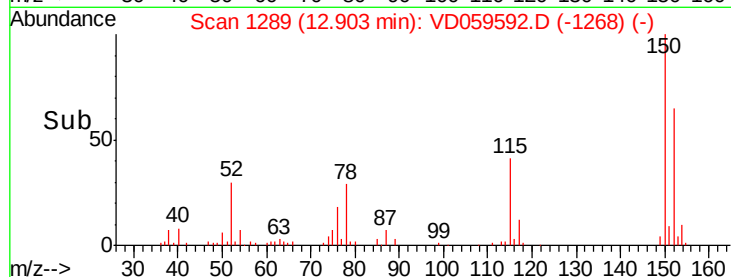
Tot Ion:152 Resp: 78412

Ion Ratio Lower Upper

152 100

115 62.3 29.5 88.6

150 153.7 0.0 314.4



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

