

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073018\
 Data File : VD059634.D
 Acq On : 30 Jul 2018 22:36
 Operator : VA/AP
 Sample : J4189-15RE
 Misc : 6.31g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14-SRE

Quant Time: Jul 31 06:49:12 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	5.63	168	138555	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.67	114	169871	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.68	117	126613	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	55469	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.99	65	100853	57.90	ug/l	0.01
Spiked Amount 50.000			Recovery	=	115.80%	
35) Dibromofluoromethane	5.53	113	89297	61.28	ug/l	0.02
Spiked Amount 50.000			Recovery	=	122.56%	
50) Toluene-d8	8.69	98	167530	50.68	ug/l	0.01
Spiked Amount 50.000			Recovery	=	101.36%	
62) 4-Bromofluorobenzene	11.92	95	65946	44.29	ug/l	0.01
Spiked Amount 50.000			Recovery	=	88.58%	

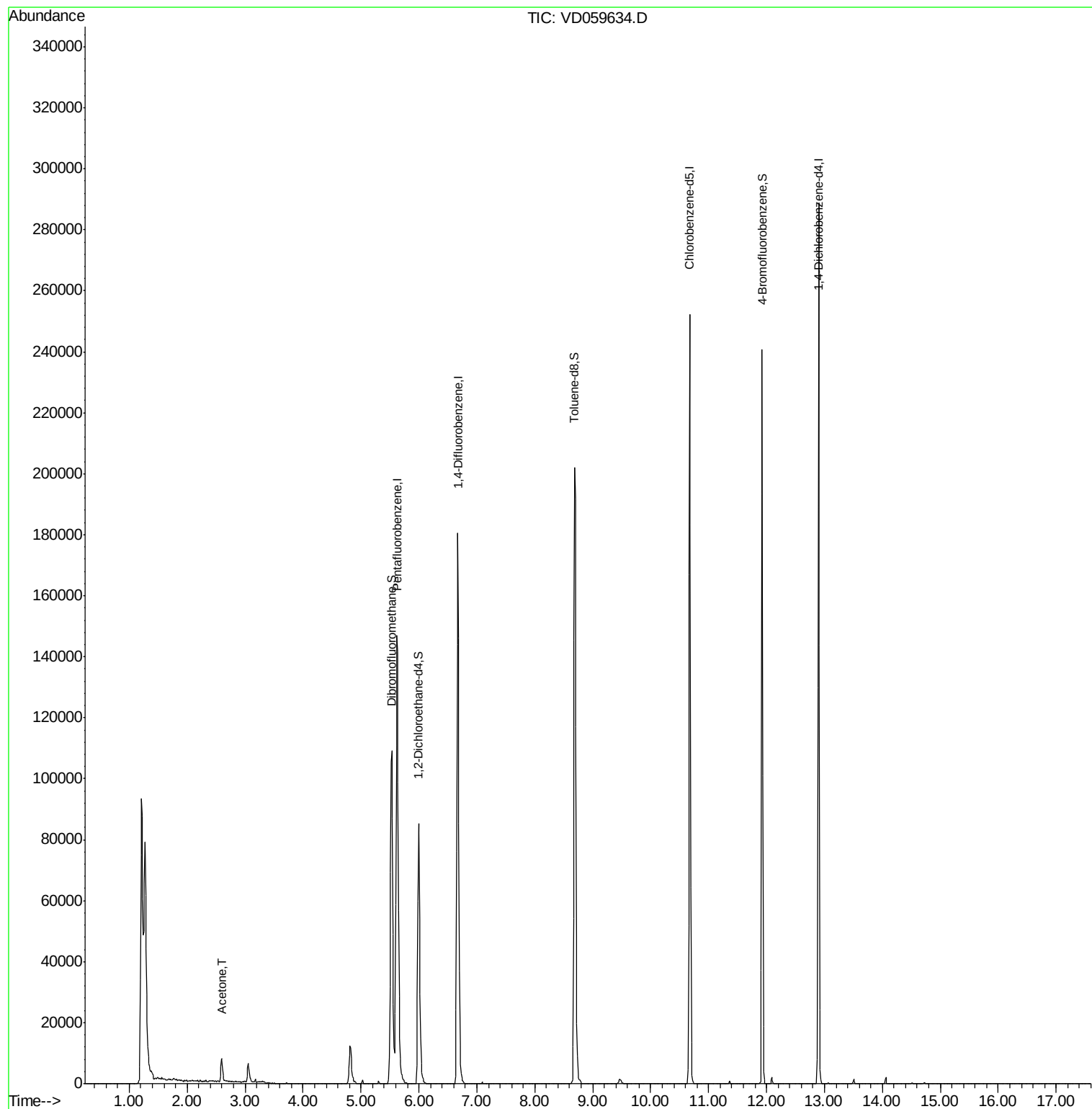
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.60	43	14507	55.15	ug/l	99

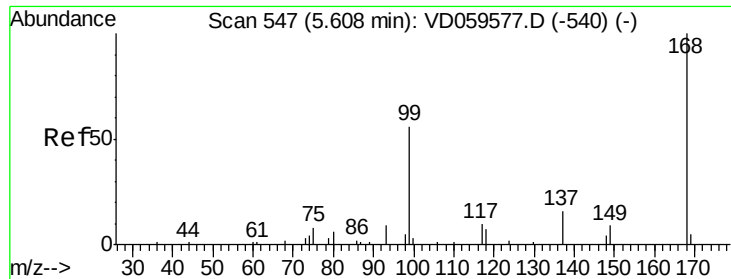
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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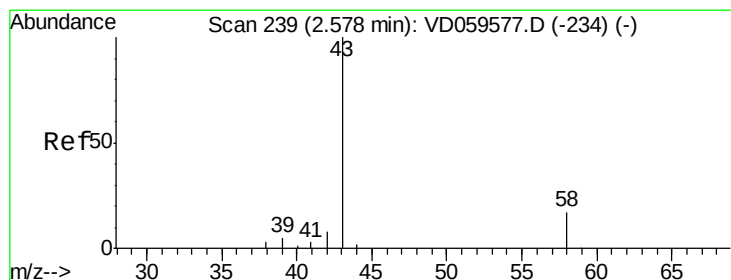
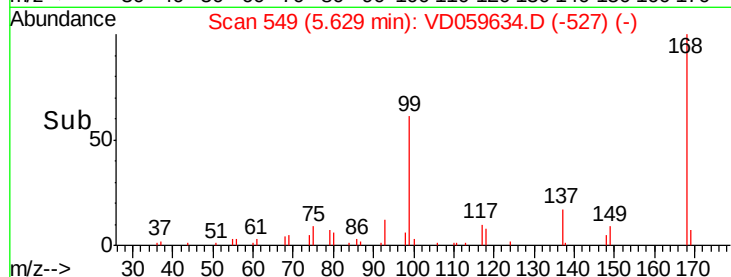
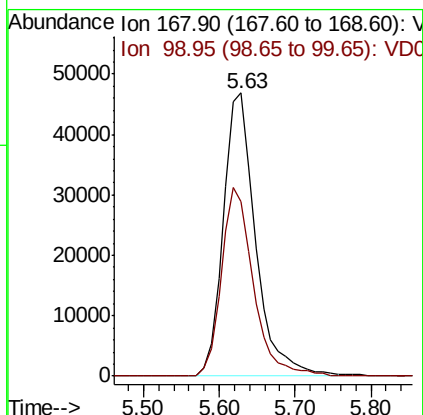
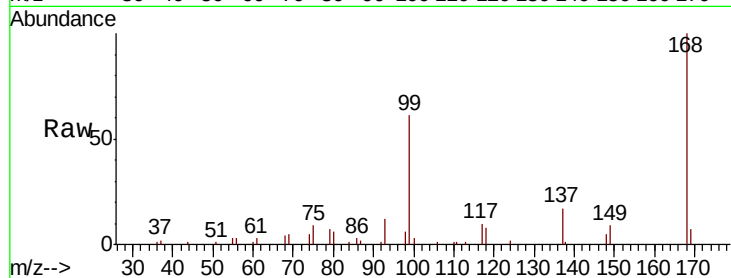




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.63 min Scan# 549
Delta R.T. 0.02 min
Lab File: VD059634.D
Acq: 30 Jul 2018 22:36

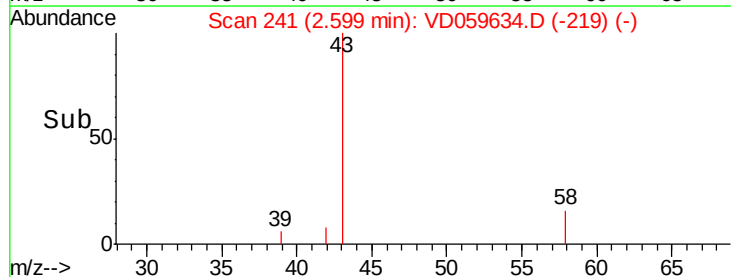
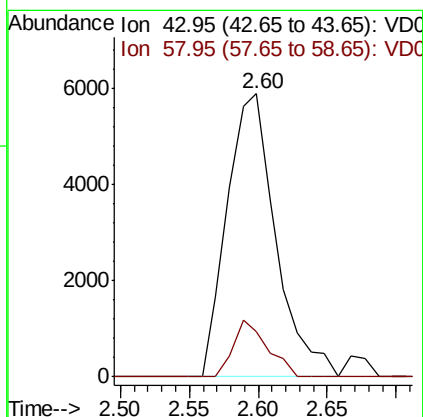
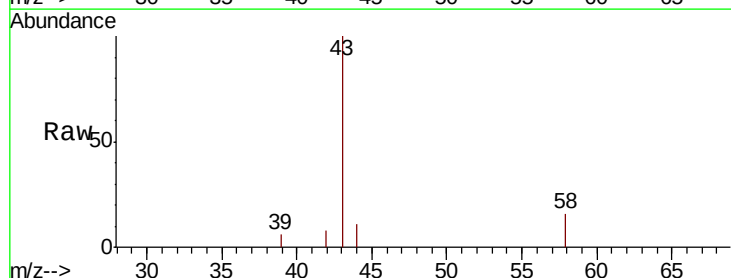
Instrument :
MSVOA_D
ClientSampleId :
TP-14-SRE

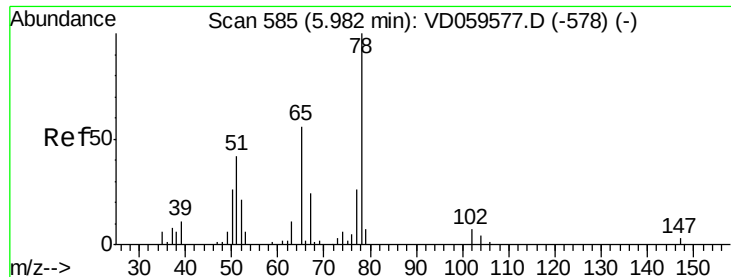
Tot Ion:168 Resp: 138555
Ion Ratio Lower Upper
168 100
99 61.5 47.3 70.9



#16
Acetone
Concen: 55.15 ug/l
RT: 2.60 min Scan# 241
Delta R.T. 0.02 min
Lab File: VD059634.D
Acq: 30 Jul 2018 22:36

Tgt Ion: 43 Resp: 14507
Ion Ratio Lower Upper
43 100
58 16.2 13.4 20.0





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 5.99 min Scan# 586

Delta R.T. 0.01 min

Lab File: VD059634.D

Acq: 30 Jul 2018 22:36

Instrument :

MSVOA_D

ClientSampleId :

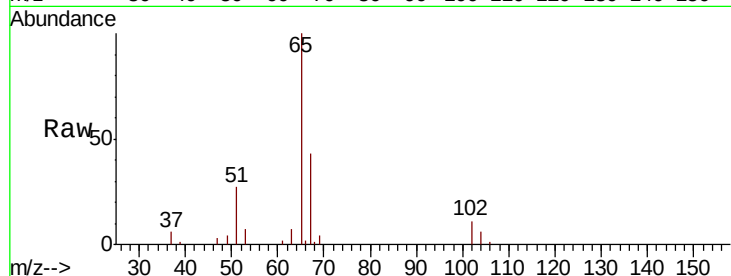
TP-14-SRE

Tot Ion: 65 Resp: 100853

Ion Ratio Lower Upper

65 100

67 43.3 0.0 86.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

5.99

40000

30000

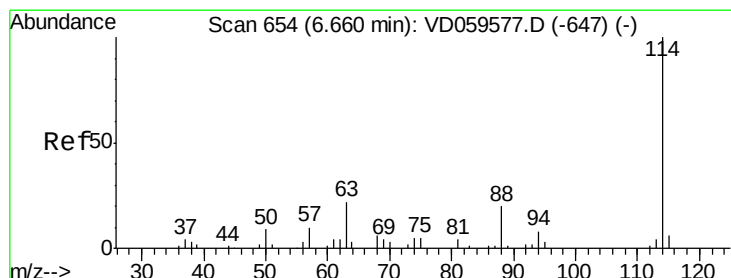
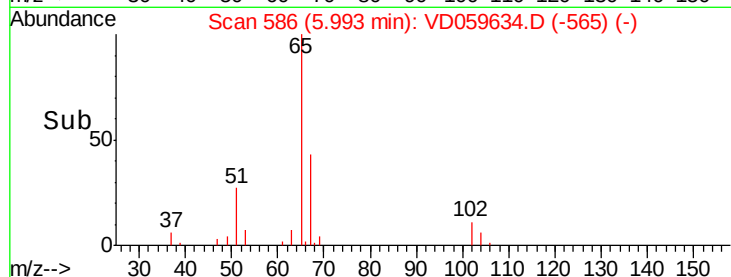
20000

10000

0

5.90 6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.67 min Scan# 655

Delta R.T. 0.01 min

Lab File: VD059634.D

Acq: 30 Jul 2018 22:36

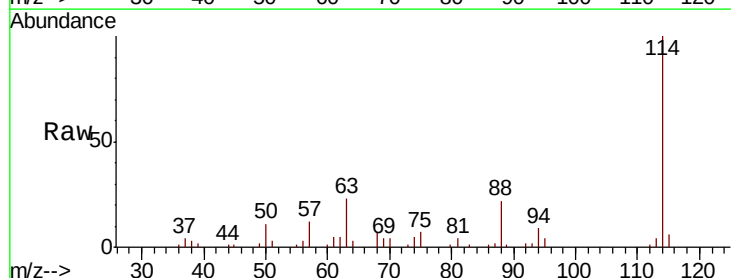
Tgt Ion: 114 Resp: 169871

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.8

88 22.0 0.0 39.0



Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

6.67

80000

60000

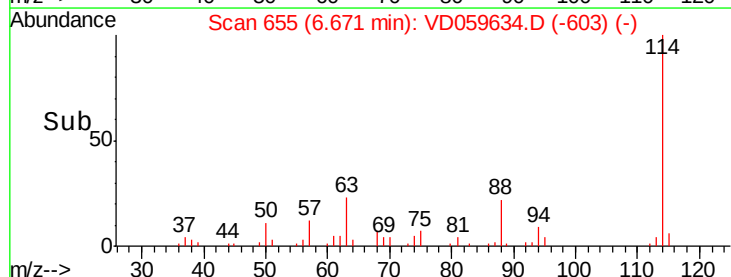
40000

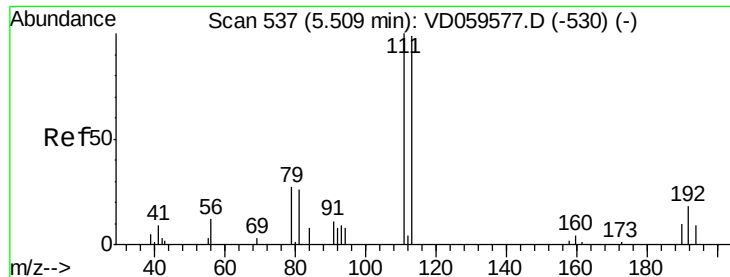
20000

0

6.60 6.70 6.80

Time-->

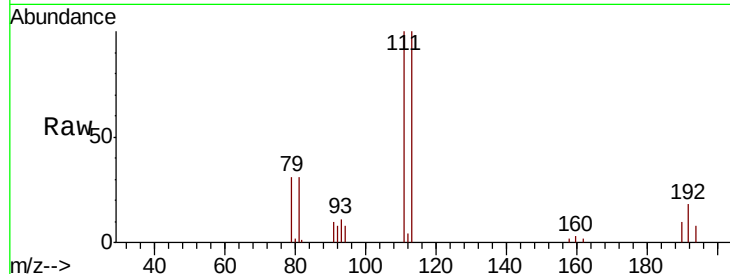




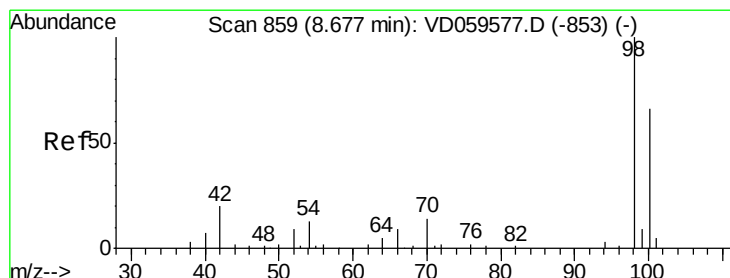
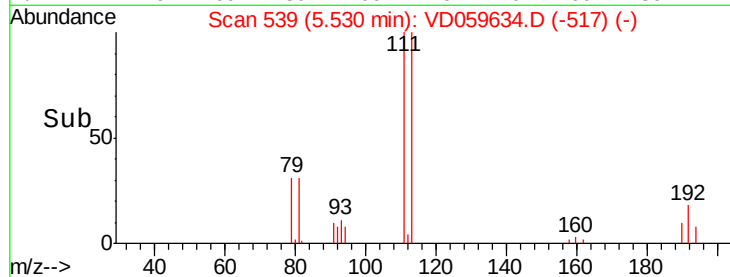
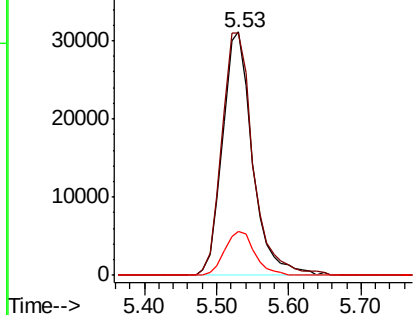
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.53 min Scan# 539
 Delta R.T. 0.02 min
 Lab File: VD059634.D
 Acq: 30 Jul 2018 22:36

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-14-SRE

Tot Ion:113 Resp: 89297
 Ion Ratio Lower Upper
 113 100
 111 99.6 80.5 120.7
 192 17.8 14.5 21.7

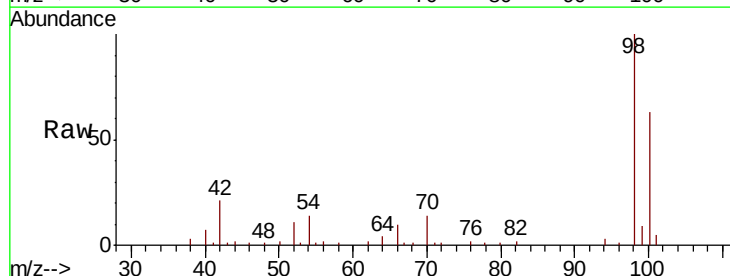


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

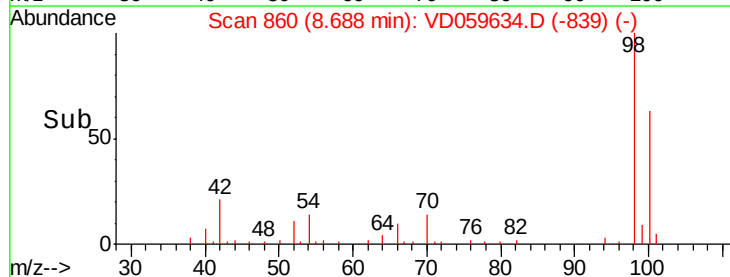
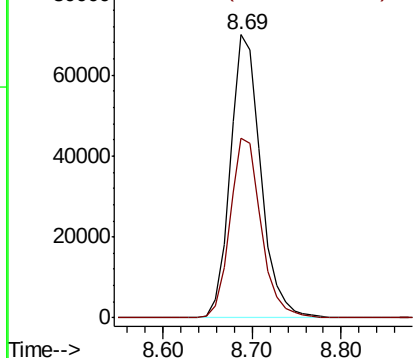


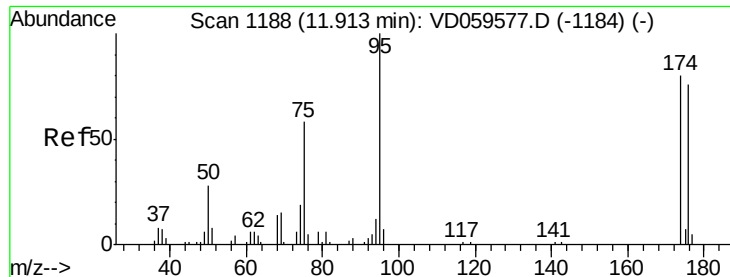
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 8.69 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: VD059634.D
 Acq: 30 Jul 2018 22:36

Tgt Ion: 98 Resp: 167530
 Ion Ratio Lower Upper
 98 100
 100 63.5 53.2 79.8



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

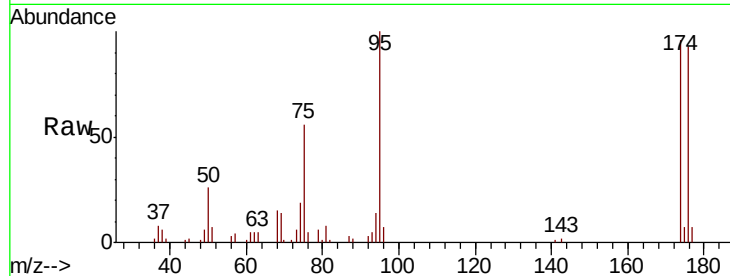




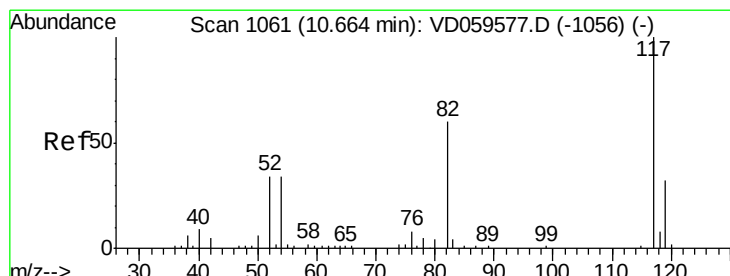
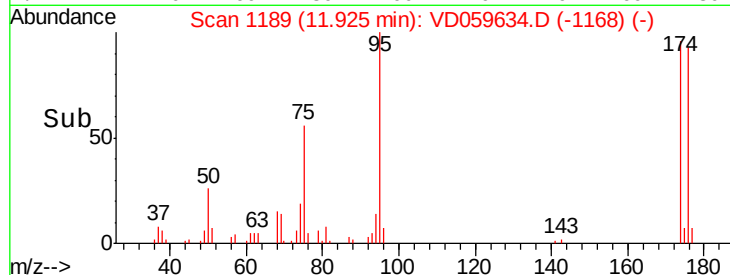
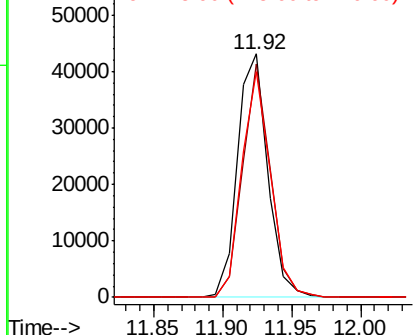
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. 0.01 min
Lab File: VD059634.D
Acq: 30 Jul 2018 22:36

Instrument :
MSVOA_D
ClientSampleId :
TP-14-SRE

Tot Ion: 95 Resp: 65946
Ion Ratio Lower Upper
95 100
174 96.0 0.0 160.6
176 92.5 0.0 152.8

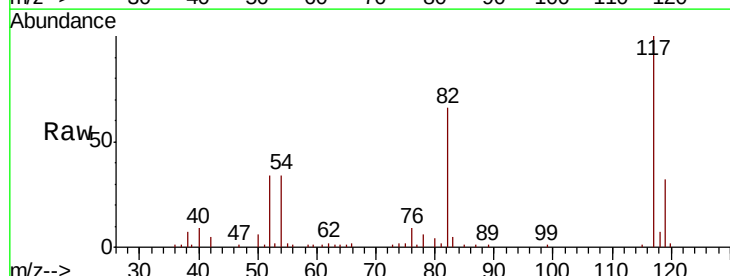


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

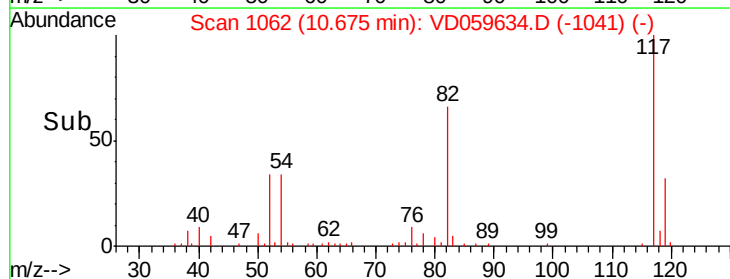
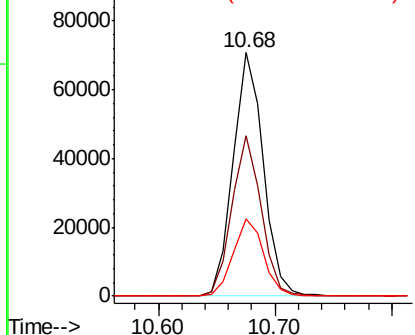


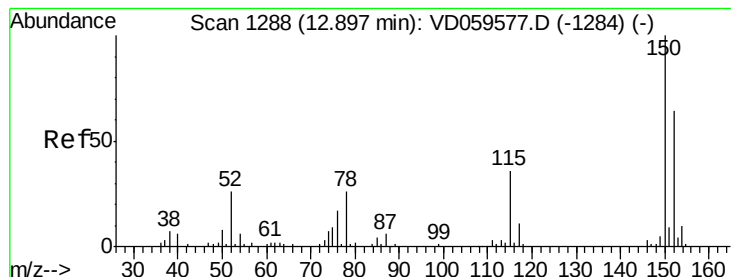
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. 0.01 min
Lab File: VD059634.D
Acq: 30 Jul 2018 22:36

Tgt Ion: 117 Resp: 126613
Ion Ratio Lower Upper
117 100
82 66.0 48.2 72.2
119 31.7 25.4 38.2



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: 12.90 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VD059634.D

Acq: 30 Jul 2018 22:36

Instrument :

MSVOA_D

ClientSampleId :

TP-14-SRE

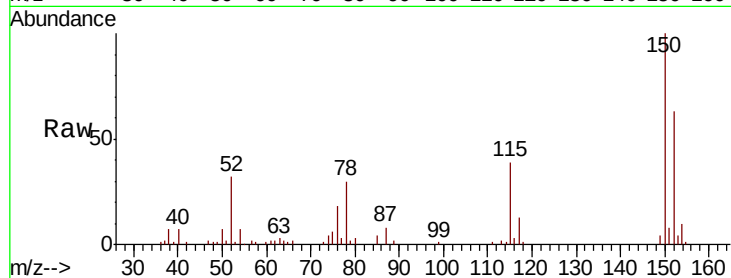
Tot Ion:152 Resp: 55469

Ion Ratio Lower Upper

152 100

115 61.8 29.5 88.6

150 158.2 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

