

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060718\
 Data File : VD057974.D
 Acq On : 7 Jun 2018 16:22
 Operator : JC/SY
 Sample : J3320-05
 Misc : 5.87g/5ml/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S39-0178

Quant Time: Jun 08 09:29:02 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

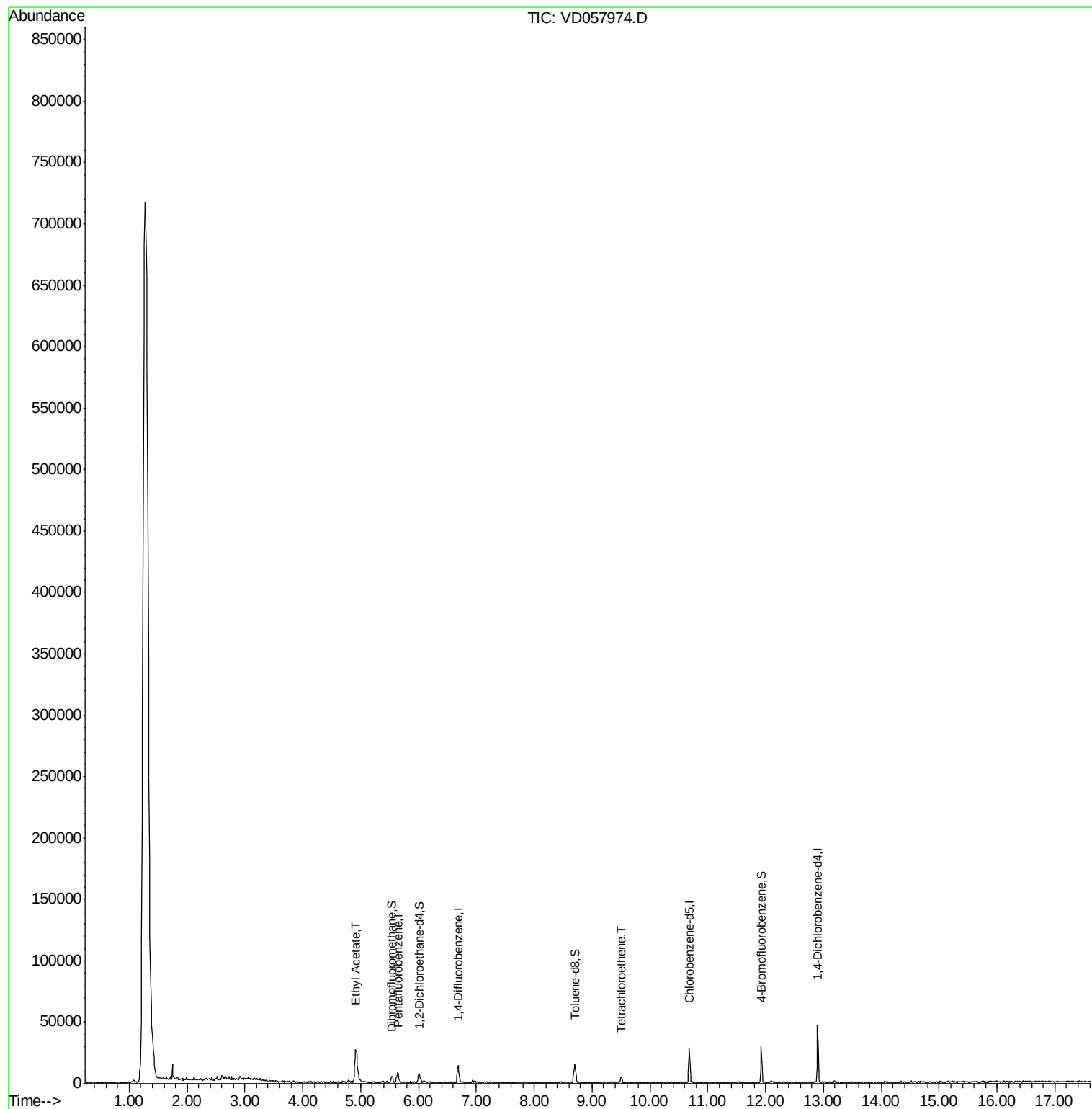
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	9945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	15942	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	15789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	10018	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	8069	81.16	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	162.32%	
35) Dibromofluoromethane	5.54	113	3880	31.46	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	62.92%	
50) Toluene-d8	8.70	98	14634	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	11.92	95	8560	66.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.82%	
Target Compounds						
37) Ethyl Acetate	4.91	43	59571	621.585	ug/l	96
64) Tetrachloroethene	9.49	164	1539	10.903	ug/l #	68

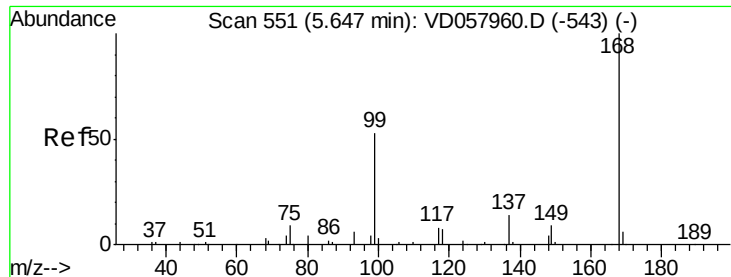
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.00 min

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ClientSampleId :

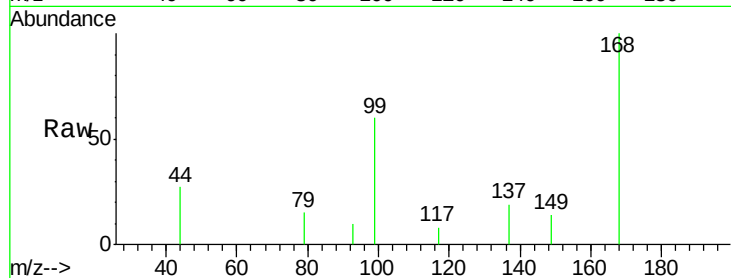
S39-0178

Tot Ion:168 Resp: 9945

Ion Ratio Lower Upper

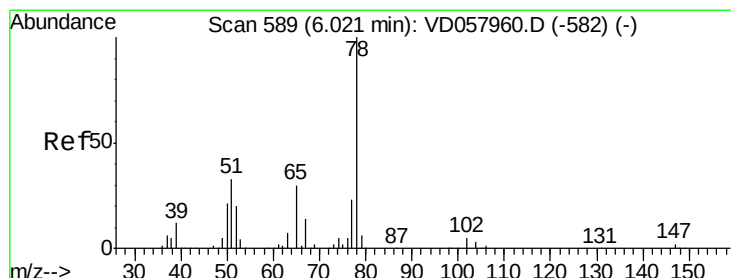
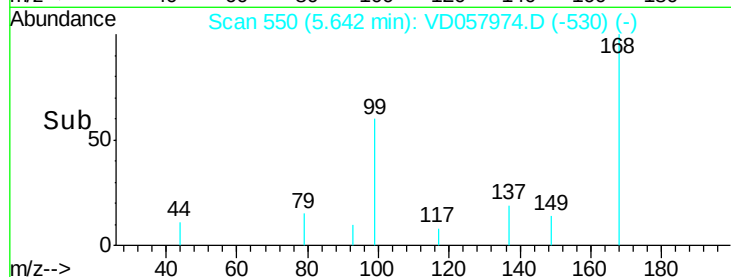
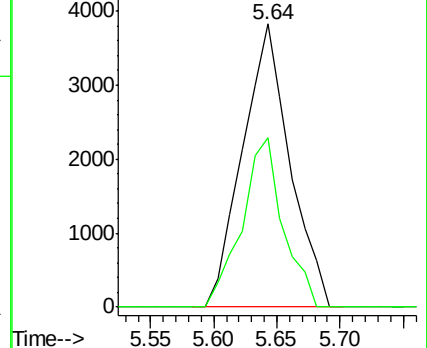
168 100

99 59.9 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): 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: VD057974.D

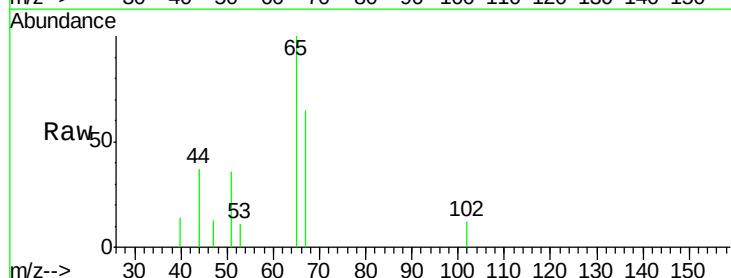
Acq: 7 Jun 2018 16:22

Tgt Ion: 65 Resp: 8069

Ion Ratio Lower Upper

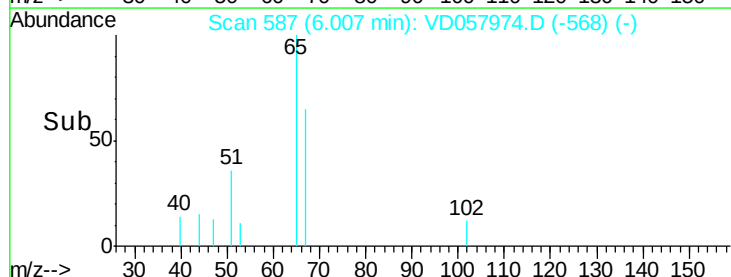
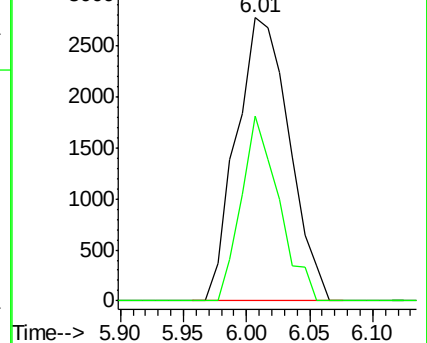
65 100

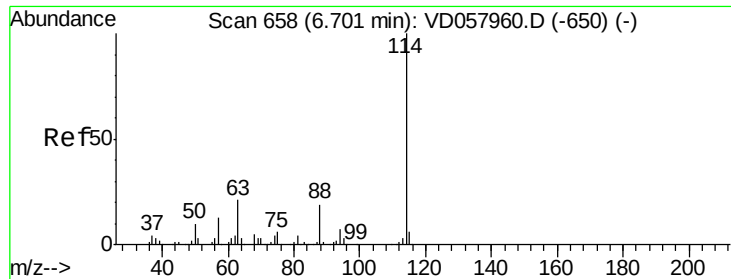
67 65.1 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.69 min Scan# 656

Delta R.T. -0.01 min

Lab File: VD057974.D

Acq: 7 Jun 2018 16:22

Instrument :

MSVOA_D

ClientSampleId :

S39-0178

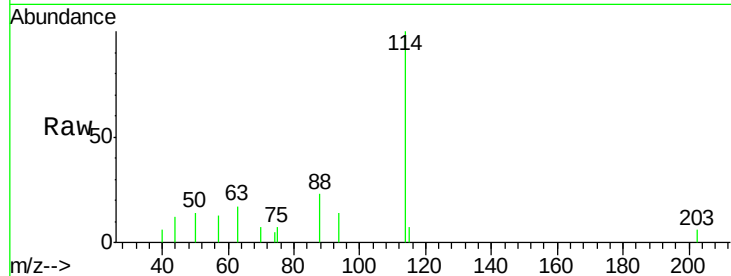
Tot Ion:114 Resp: 15942

Ion Ratio Lower Upper

114 100

63 17.2 0.0 42.8

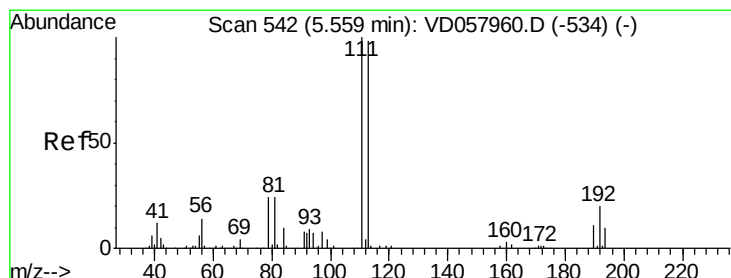
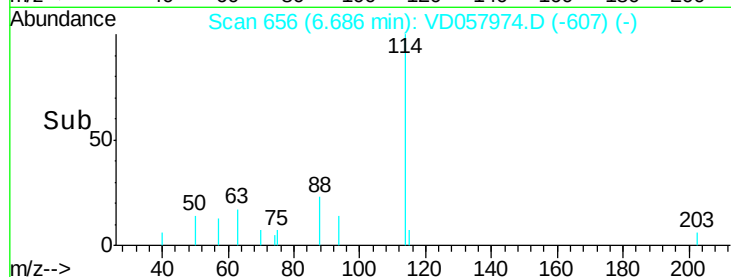
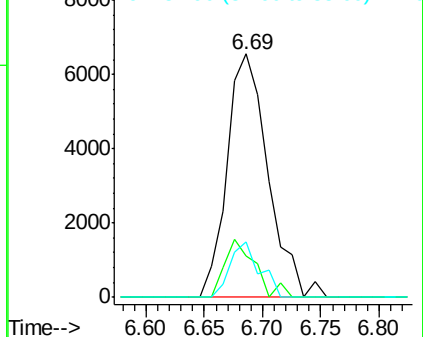
88 22.6 0.0 37.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.01 min

Lab File: VD057974.D

Acq: 7 Jun 2018 16:22

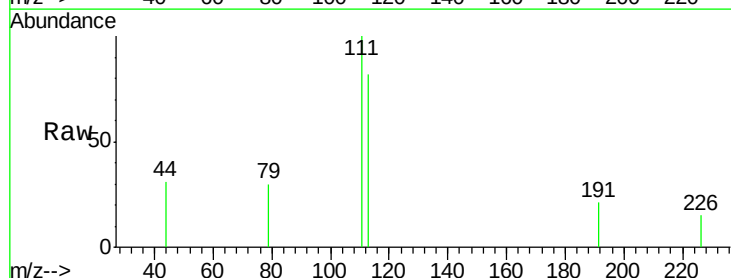
Tgt Ion:113 Resp: 3880

Ion Ratio Lower Upper

113 100

111 121.5 81.5 122.3

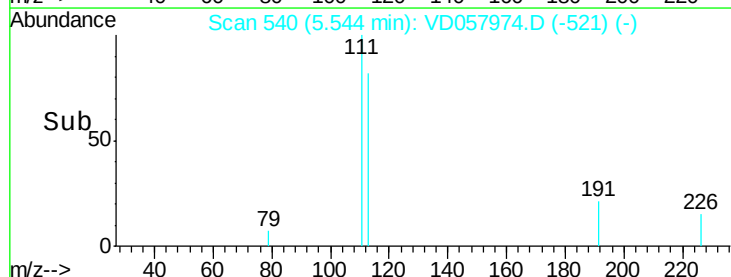
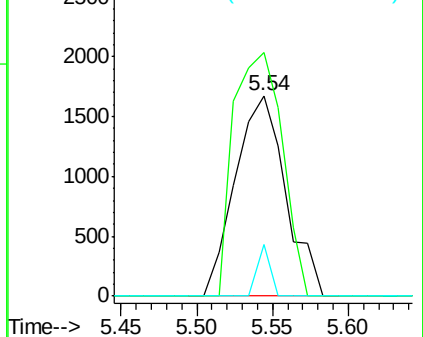
192 25.7 16.4 24.6#

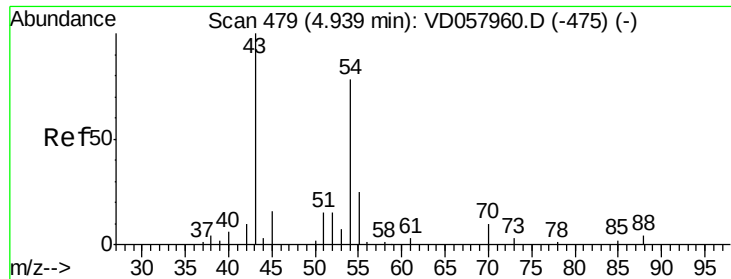


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

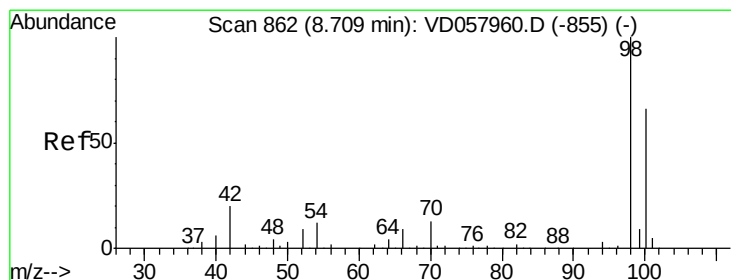
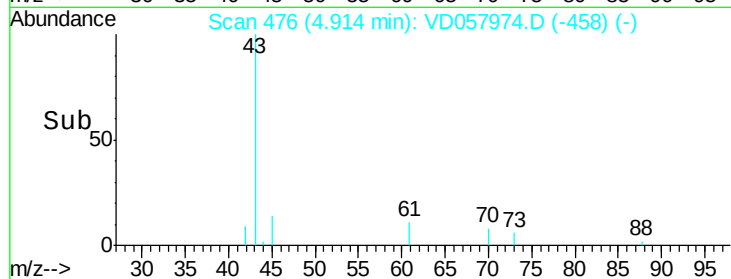
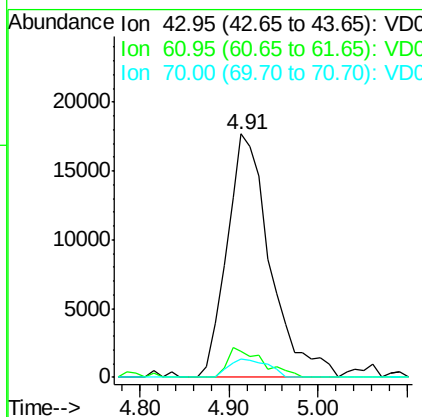
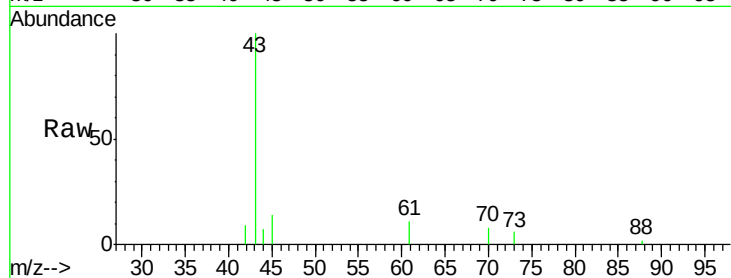




#37
Ethyl Acetate
Concen: 621.585 ug/l
RT: 4.91 min Scan# 476
Delta R.T. -0.02 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

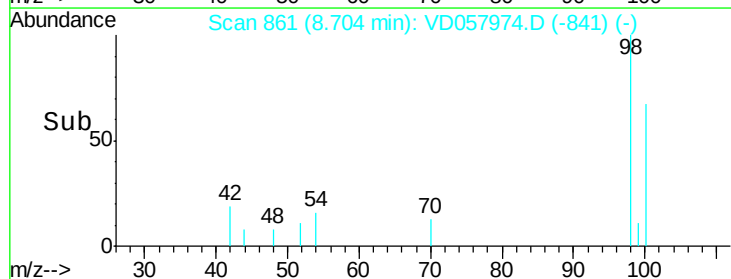
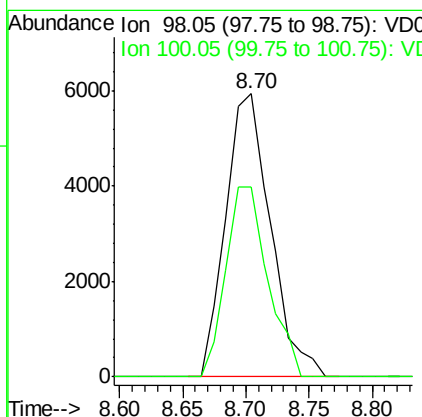
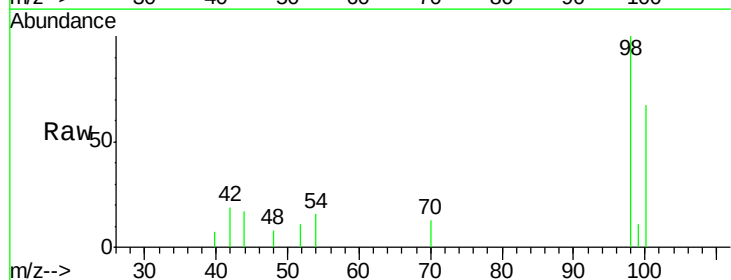
Instrument :
MSVOA_D
ClientSampleId :
S39-0178

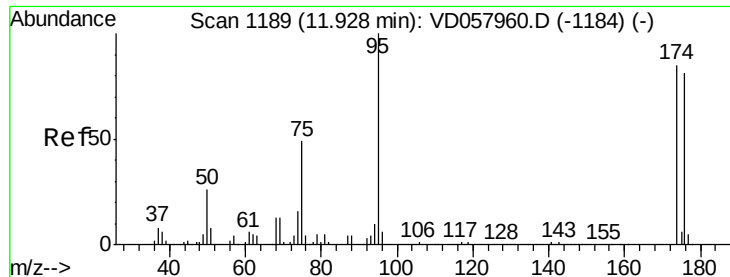
Tot Ion: 43 Resp: 59571
Ion Ratio Lower Upper
43 100
61 10.6 9.9 14.9
70 7.7 5.7 8.5



#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.00 min
Lab File: VD057974.D
Acq: 7 Jun 2018 16:22

Tgt Ion: 98 Resp: 14634
Ion Ratio Lower Upper
98 100
100 66.9 53.4 80.0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1188

Delta R.T. -0.00 min

Lab File: VD057974.D

Acq: 7 Jun 2018 16:22

Instrument :

MSVOA_D

ClientSampleId :

S39-0178

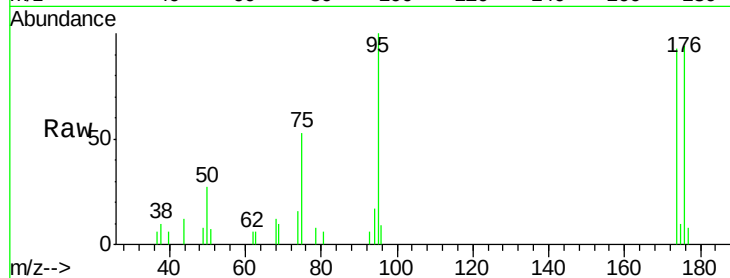
Tot Ion: 95 Resp: 8560

Ion Ratio Lower Upper

95 100

174 92.6 0.0 169.4

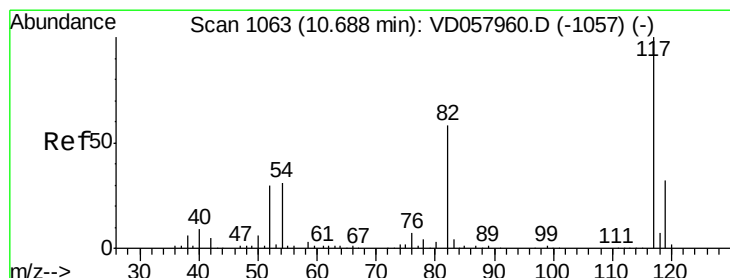
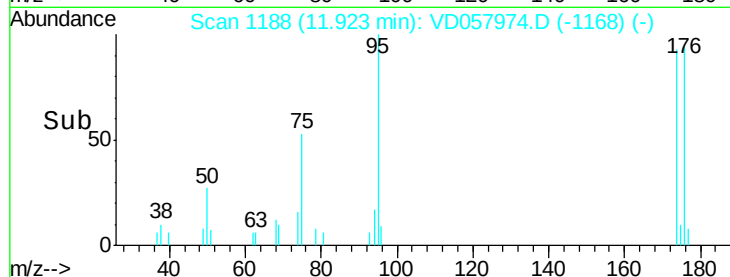
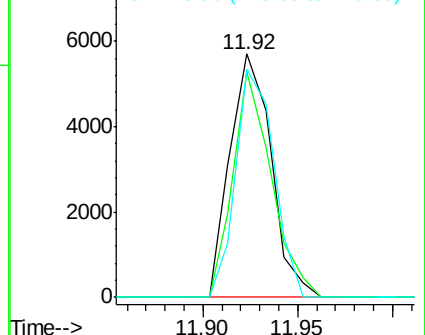
176 94.0 0.0 162.6



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: 50.000 ug/l

RT: 10.68 min Scan# 1062

Delta R.T. -0.00 min

Lab File: VD057974.D

Acq: 7 Jun 2018 16:22

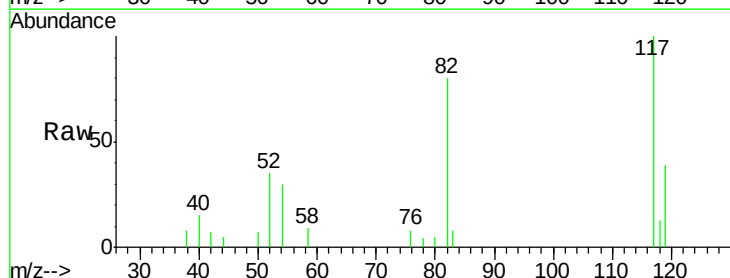
Tgt Ion: 117 Resp: 15789

Ion Ratio Lower Upper

117 100

82 80.1 46.8 70.2#

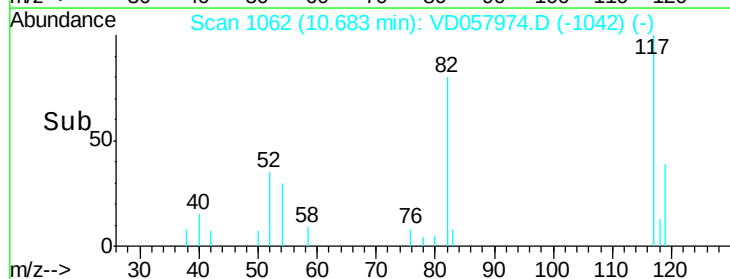
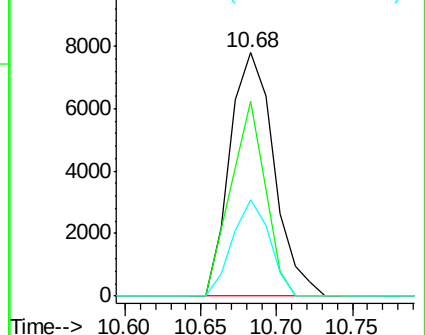
119 39.5 25.8 38.6#

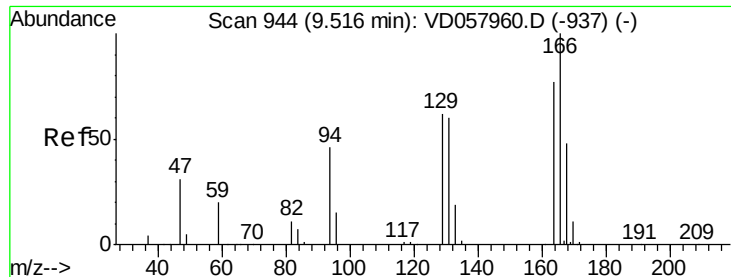


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#64

Tetrachloroethene

Concen: 10.903 ug/l

RT: 9.49 min Scan# 941

Delta R.T. -0.02 min

Lab File: VD057974.D

Acq: 7 Jun 2018 16:22

Instrument :

MSVOA_D

ClientSampleId :

S39-0178

Tot Ion:164 Resp: 1539

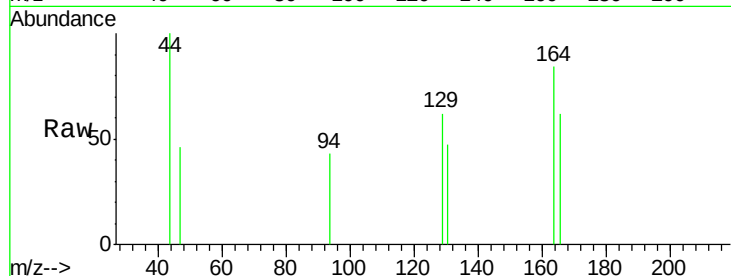
Ion Ratio Lower Upper

164 100

166 73.4 104.4 156.6#

129 73.4 65.0 97.6

131 55.3 62.9 94.3#

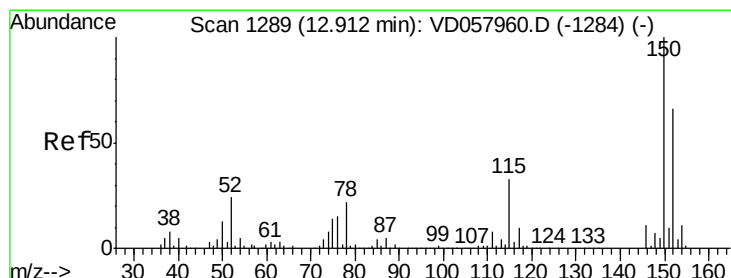
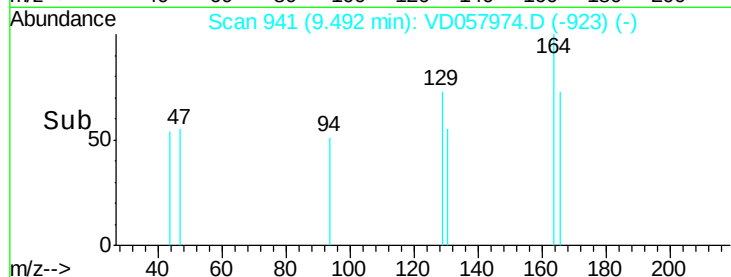
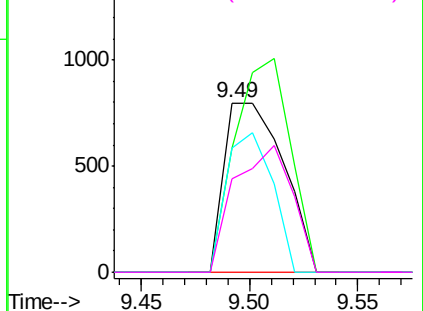


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.85 (165.55 to 166.55): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.90 min Scan# 1287

Delta R.T. -0.01 min

Lab File: VD057974.D

Acq: 7 Jun 2018 16:22

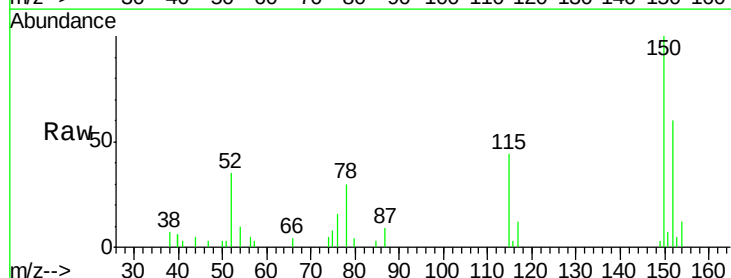
Tgt Ion:152 Resp: 10018

Ion Ratio Lower Upper

152 100

115 72.3 25.6 76.6

150 165.3 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

