

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073018\
 Data File : VD059640.D
 Acq On : 31 Jul 2018 1:30
 Operator : VA/AP
 Sample : J4193-02
 Misc : 10.01g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-035

Quant Time: Jul 31 05:19:56 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

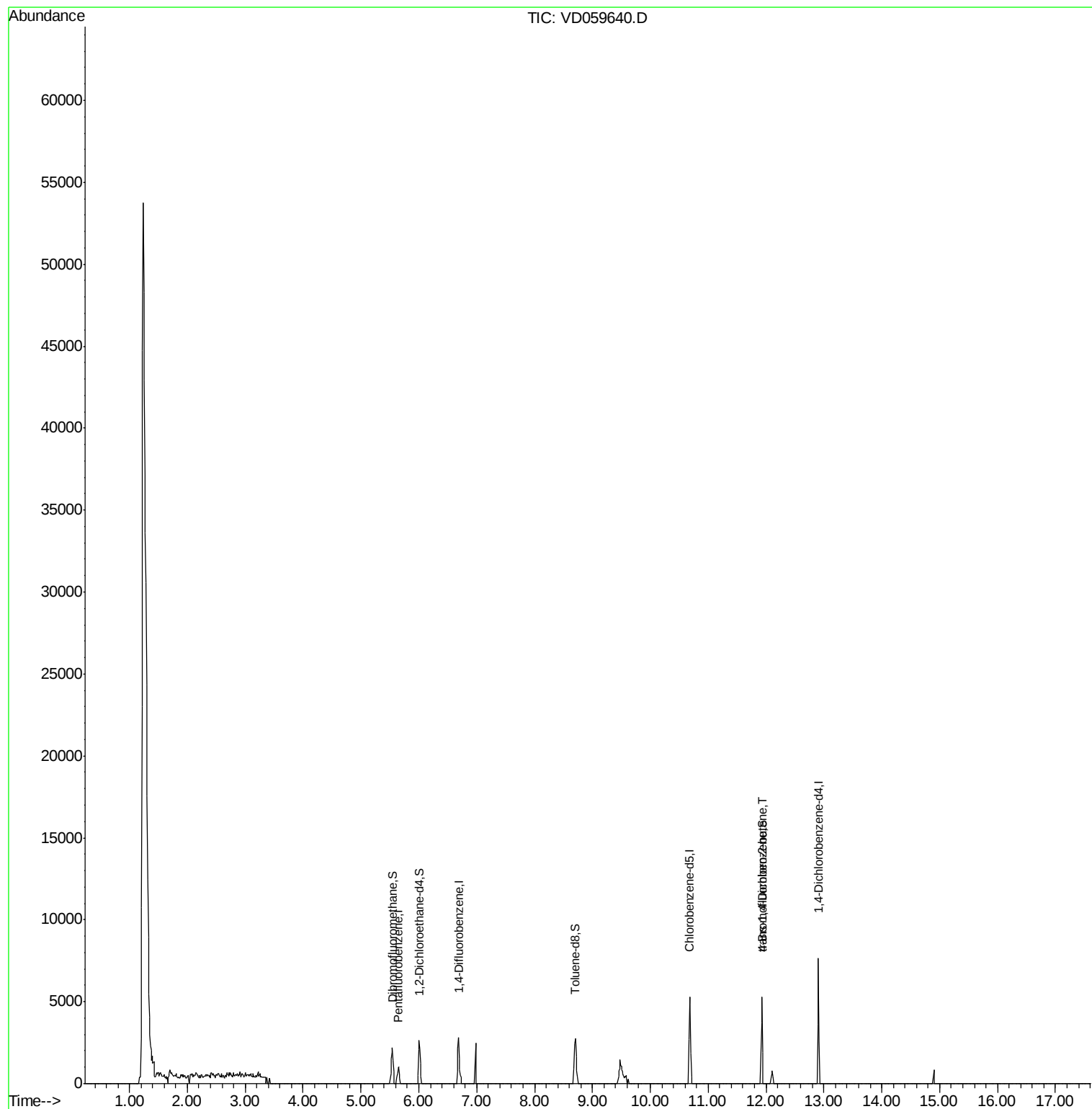
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1798	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	6.69	114	4431	50.00	ug/l	0.03
63) Chlorobenzene-d5	10.68	117	4019	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	1984	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	3347	148.07	ug/l	0.03
Spiked Amount 50.000			Recovery	=	296.14%	
35) Dibromofluoromethane	5.53	113	2308	60.72	ug/l	0.03
Spiked Amount 50.000			Recovery	=	121.44%	
50) Toluene-d8	8.70	98	4004	46.44	ug/l	0.03
Spiked Amount 50.000			Recovery	=	92.88%	
62) 4-Bromofluorobenzene	11.93	95	2061	53.07	ug/l	0.02
Spiked Amount 50.000			Recovery	=	106.14%	
Target Compounds						
81) trans-1,4-Dichloro-2-buten	11.92	75	809	96.44	ug/l	Qvalue # 1

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 550

Delta R.T. 0.03 min

Lab File: VD059640.D

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ClientSampleId :

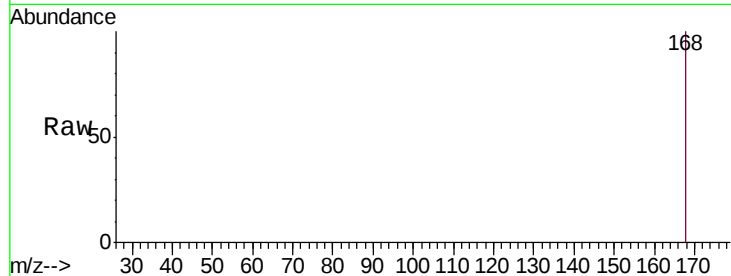
FK-PS-01-035

Tot Ion:168 Resp: 1798

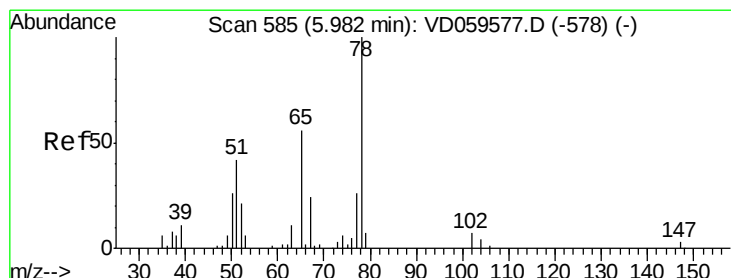
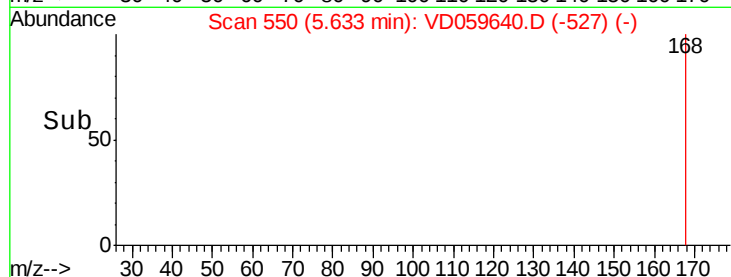
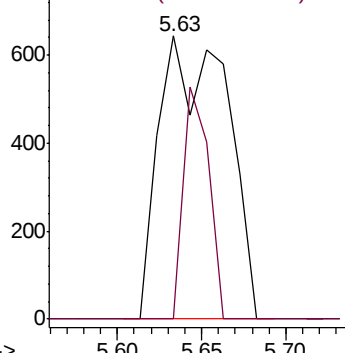
Ion Ratio Lower Upper

168 100

99 0.0 47.3 70.9#



Abundance Ion 167.90 (167.60 to 168.60): V



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.01 min Scan# 588

Delta R.T. 0.03 min

Lab File: VD059640.D

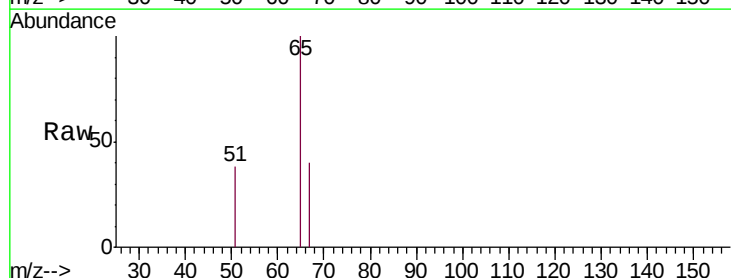
Acq: 31 Jul 2018 1:30

Tgt Ion: 65 Resp: 3347

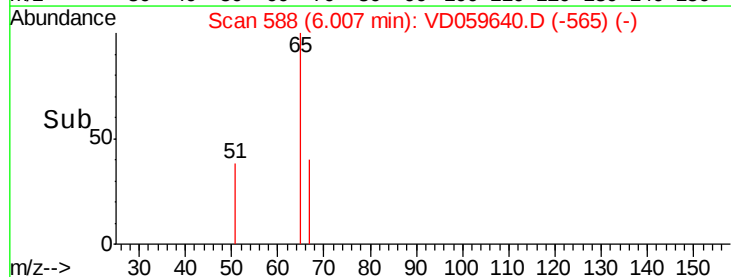
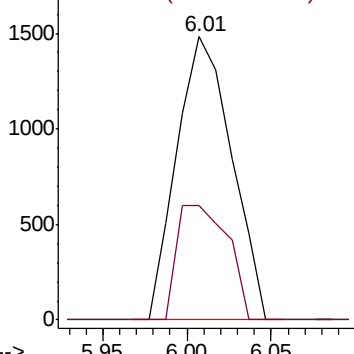
Ion Ratio Lower Upper

65 100

67 40.4 0.0 86.4



Abundance Ion 64.95 (64.65 to 65.65): VDC





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.69 min Scan# 657

Delta R.T. 0.03 min

Lab File: VD059640.D

Acq: 31 Jul 2018 1:30

Instrument :

MSVOA_D

ClientSampleId :

FK-PS-01-035

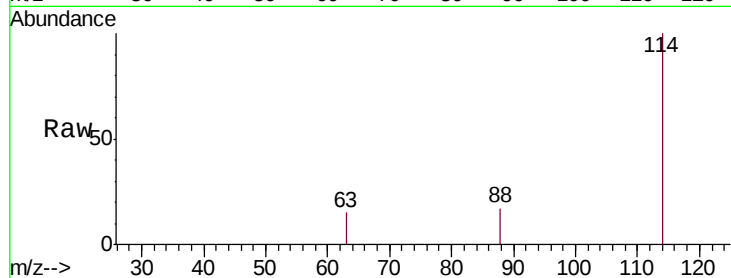
Tot Ion:114 Resp: 4431

Ion Ratio Lower Upper

114 100

63 14.6 0.0 43.8

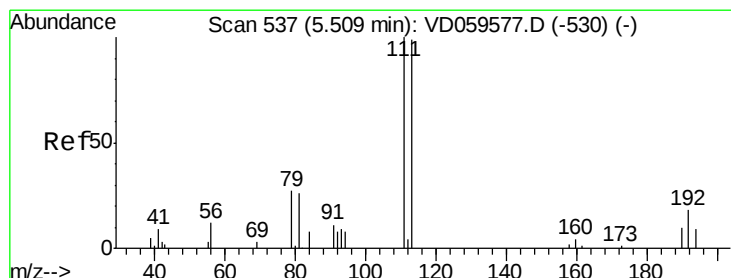
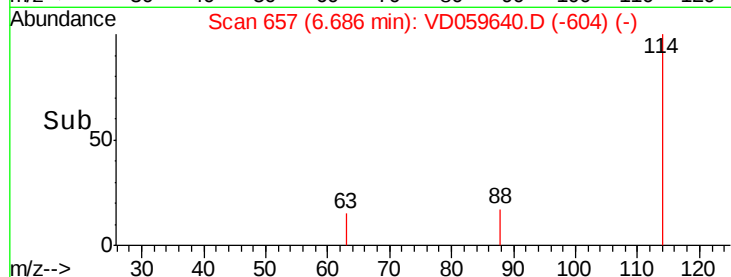
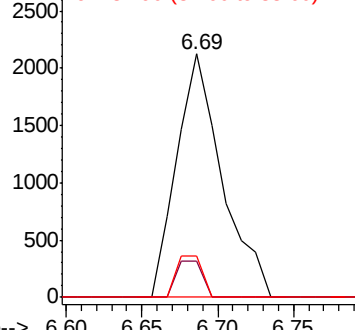
88 16.8 0.0 39.0



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: 50.00 ug/l

RT: 5.53 min Scan# 540

Delta R.T. 0.03 min

Lab File: VD059640.D

Acq: 31 Jul 2018 1:30

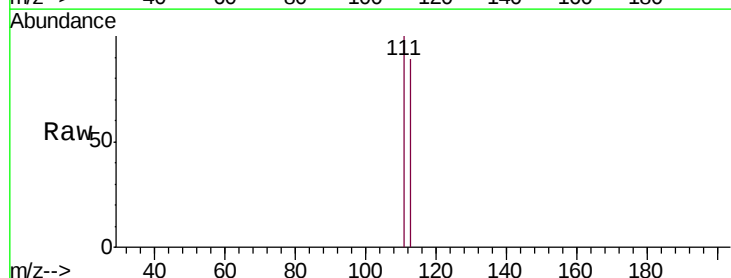
Tgt Ion:113 Resp: 2308

Ion Ratio Lower Upper

113 100

111 111.9 80.5 120.7

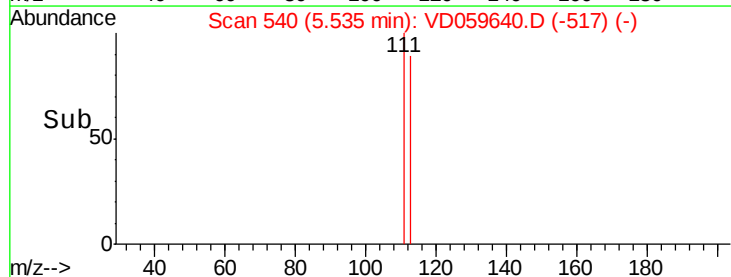
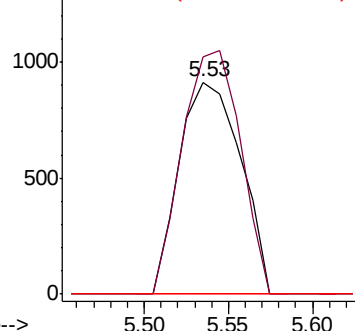
192 0.0 14.5 21.7#

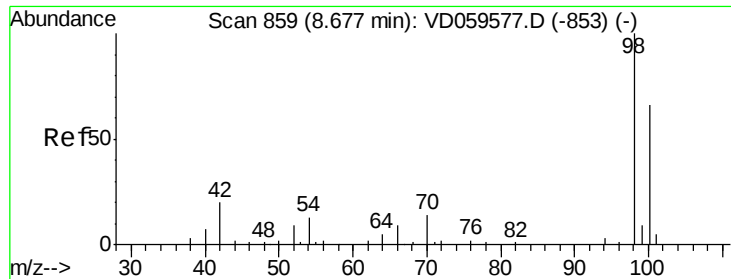


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

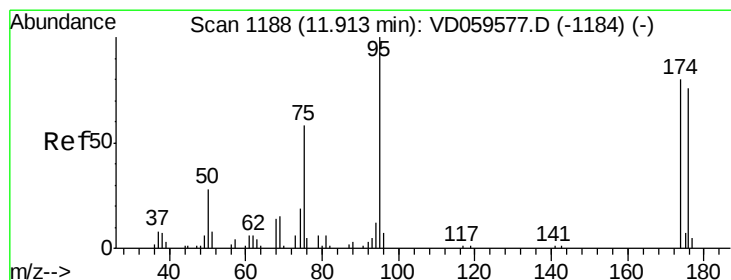
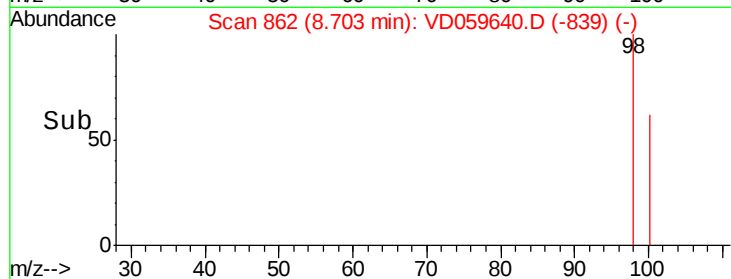
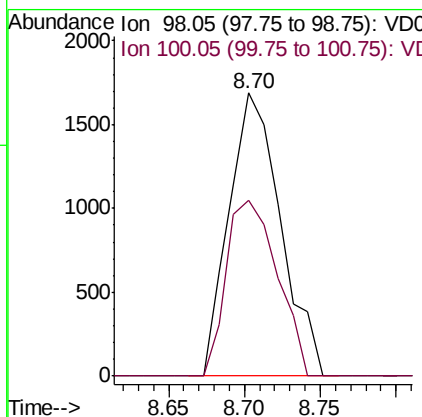
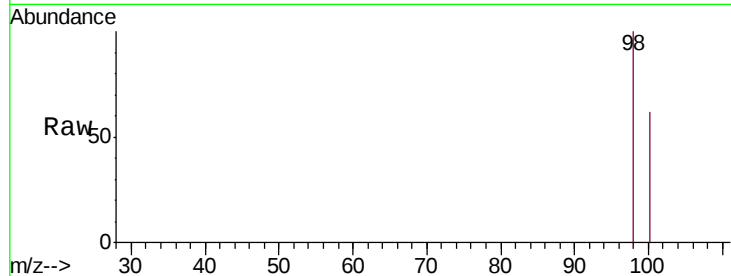




#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 862
Delta R.T. 0.03 min
Lab File: VD059640.D
Acq: 31 Jul 2018 1:30

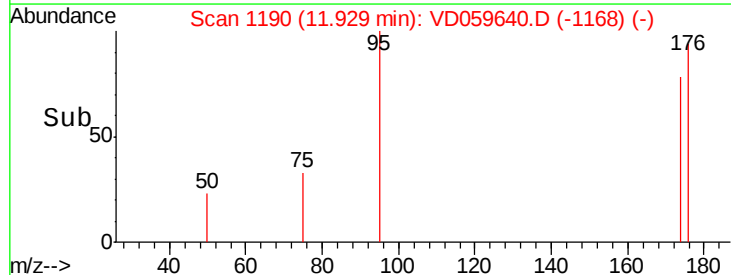
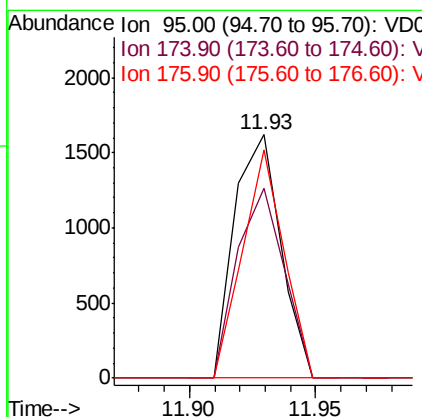
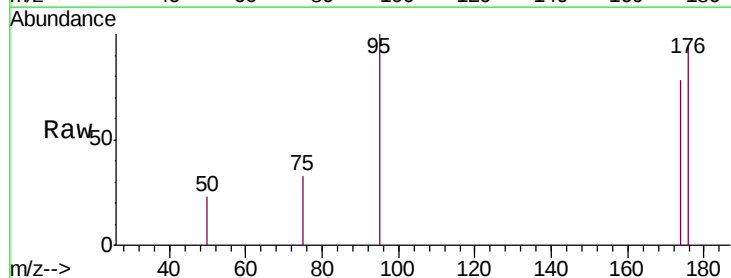
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-035

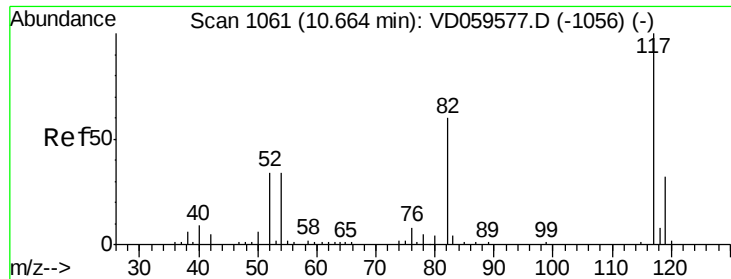
Tot Ion: 98 Resp: 4004
Ion Ratio Lower Upper
98 100
100 62.0 53.2 79.8



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1190
Delta R.T. 0.02 min
Lab File: VD059640.D
Acq: 31 Jul 2018 1:30

Tgt Ion: 95 Resp: 2061
Ion Ratio Lower Upper
95 100
174 78.2 0.0 160.6
176 93.8 0.0 152.8

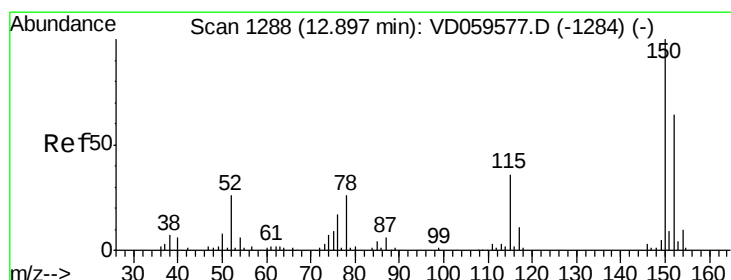
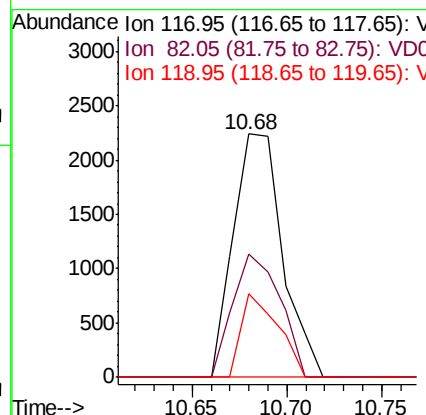
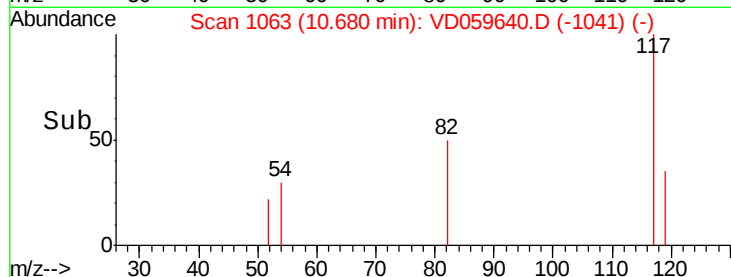
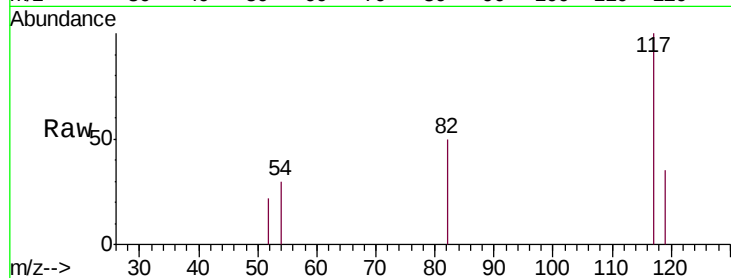




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1063
Delta R.T. 0.02 min
Lab File: VD059640.D
Acq: 31 Jul 2018 1:30

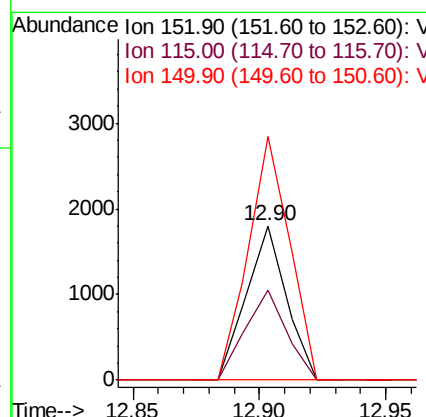
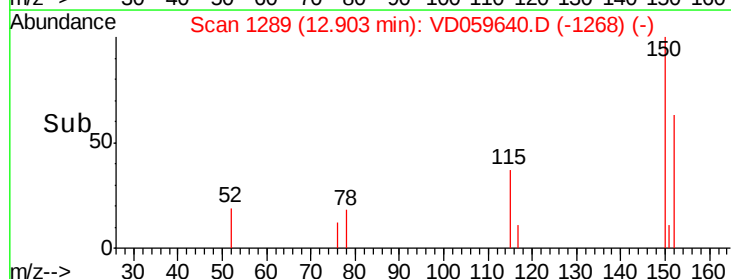
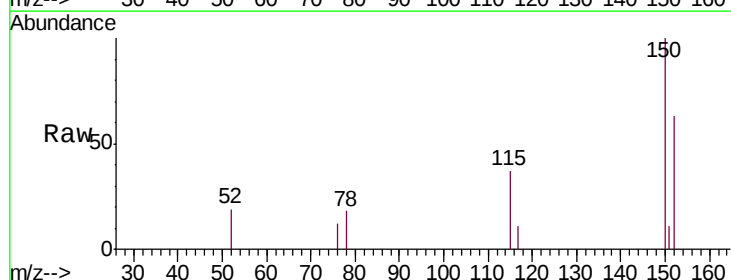
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-035

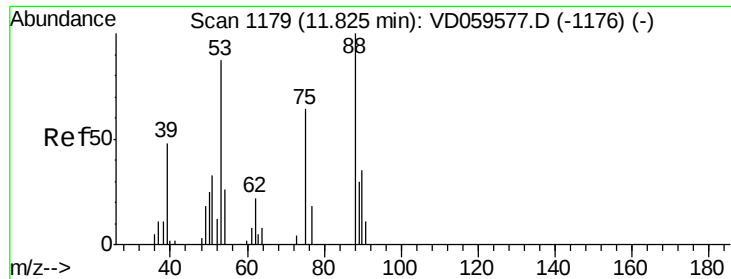
Tot Ion:117 Resp: 4019
Ion Ratio Lower Upper
117 100
82 50.4 48.2 72.2
119 34.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1289
Delta R.T. 0.01 min
Lab File: VD059640.D
Acq: 31 Jul 2018 1:30

Tgt Ion:152 Resp: 1984
Ion Ratio Lower Upper
152 100
115 58.5 29.5 88.6
150 157.6 0.0 314.4





#81

trans-1,4-Dichloro-2-butene

Concen: 96.44 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.09 min

Lab File: VD059640.D

Acq: 31 Jul 2018 1:30

Instrument :

MSVOA_D

ClientSampleId :

FK-PS-01-035

Tot Ion: 75 Resp: 809

Ion Ratio Lower Upper

75 100

53 0.0 107.7 161.5#

89 0.0 37.3 55.9#

