

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073118\
 Data File : VD059654.D
 Acq On : 31 Jul 2018 15:25
 Operator : VA/AP
 Sample : J4193-02
 Misc : 10.20g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jul 31 15:44:03 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	118545	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.68	114	150994	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.68	117	112017	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	47755	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	94968	63.72	ug/l	0.02
Spiked Amount	50.000		Recovery	=	127.44%	
35) Dibromofluoromethane	5.52	113	80759	62.35	ug/l	0.02
Spiked Amount	50.000		Recovery	=	124.70%	
50) Toluene-d8	8.69	98	152349	51.85	ug/l	0.02
Spiked Amount	50.000		Recovery	=	103.70%	
62) 4-Bromofluorobenzene	11.92	95	61653	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	

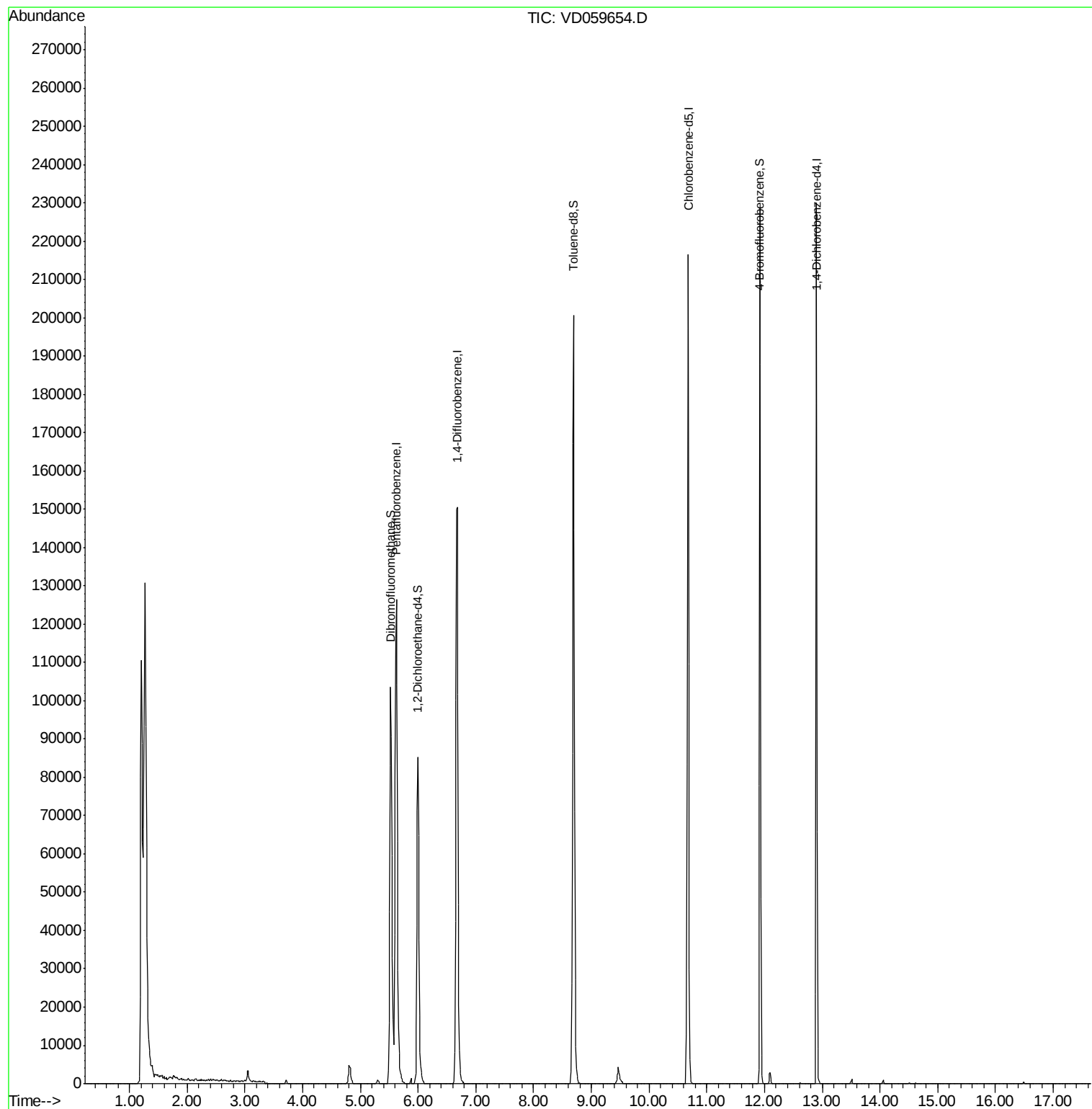
Target Compounds	Qvalue

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

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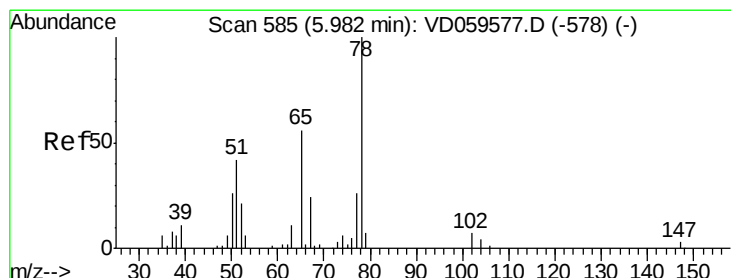
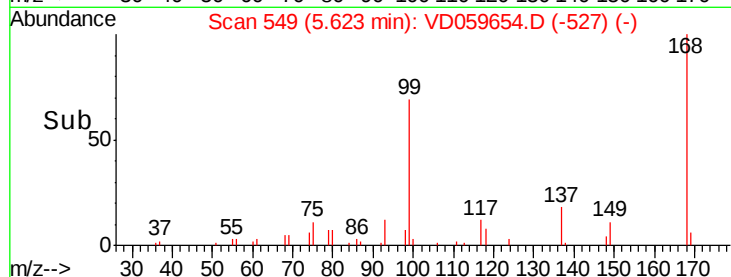
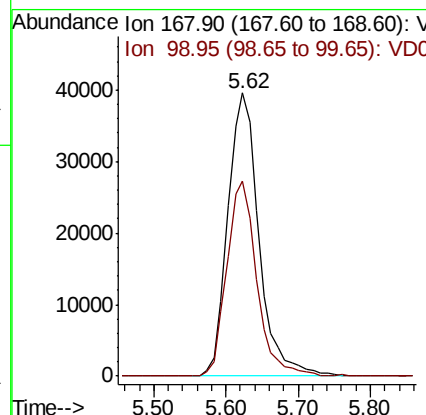
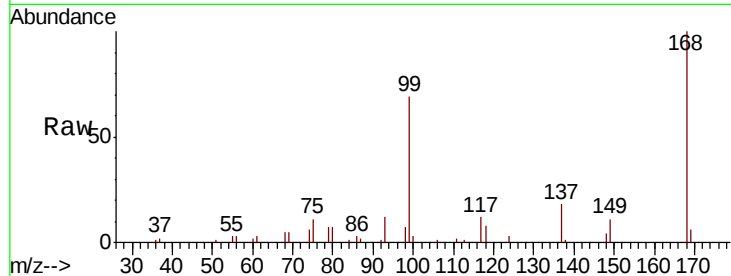




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 549
Delta R.T. 0.02 min
Lab File: VD059654.D
Acq: 31 Jul 2018 15:25

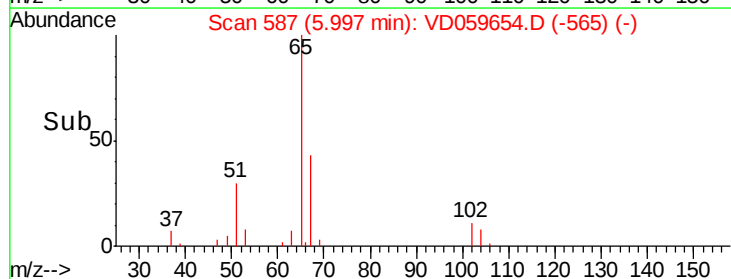
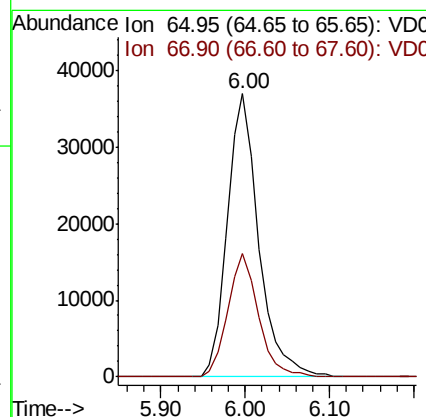
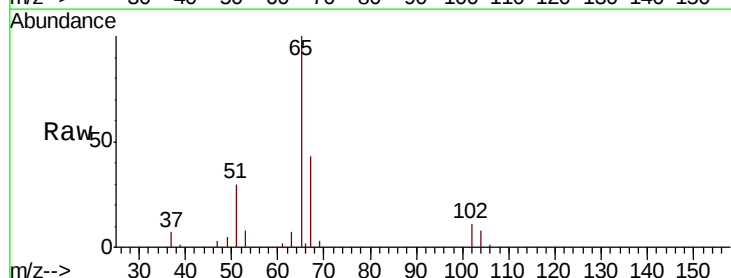
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-035

Tot Ion:168 Resp: 118545
Ion Ratio Lower Upper
168 100
99 68.7 47.3 70.9



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.00 min Scan# 587
Delta R.T. 0.02 min
Lab File: VD059654.D
Acq: 31 Jul 2018 15:25

Tgt Ion: 65 Resp: 94968
Ion Ratio Lower Upper
65 100
67 43.5 0.0 86.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.68 min Scan# 656

Delta R.T. 0.02 min

Lab File: VD059654.D

Acq: 31 Jul 2018 15:25

Instrument :

MSVOA_D

ClientSampleId :

FK-PS-01-035

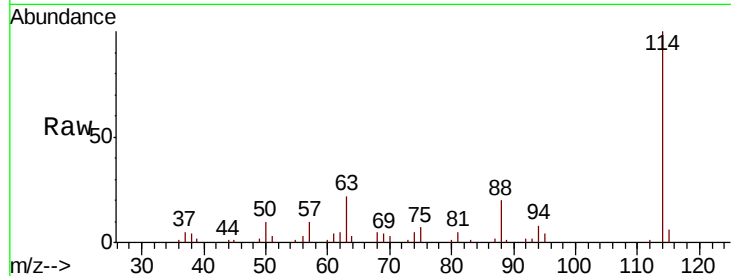
Tot Ion:114 Resp: 150994

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.8

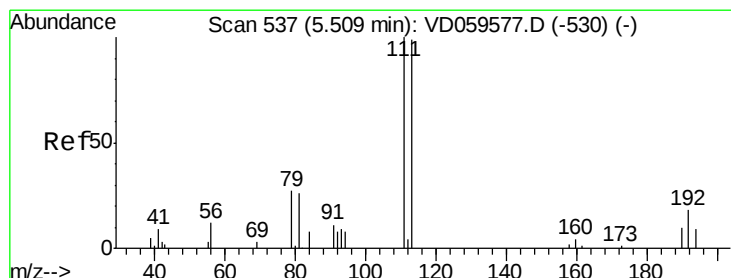
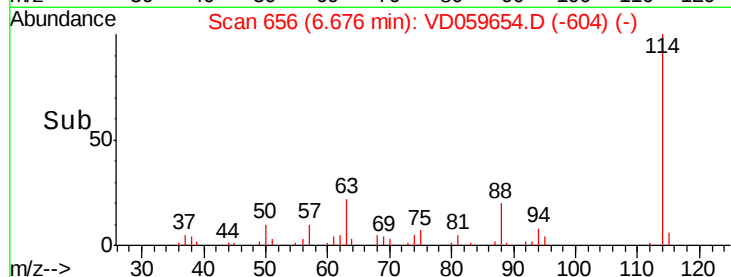
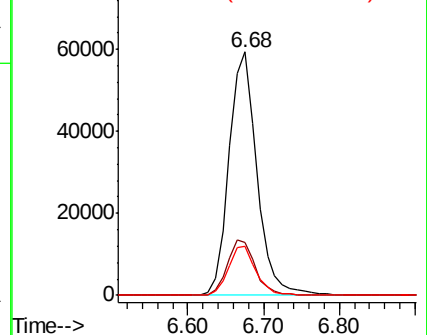
88 20.1 0.0 39.0



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: 50.000 ug/l

RT: 5.52 min Scan# 539

Delta R.T. 0.02 min

Lab File: VD059654.D

Acq: 31 Jul 2018 15:25

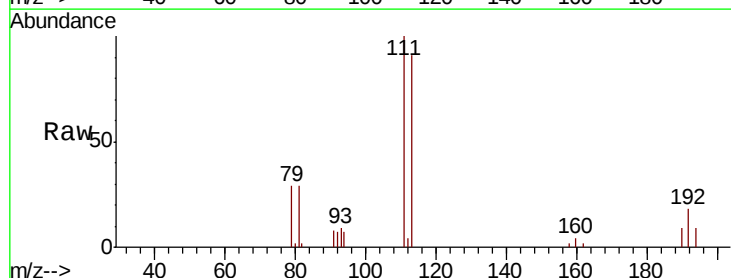
Tgt Ion:113 Resp: 80759

Ion Ratio Lower Upper

113 100

111 109.9 80.5 120.7

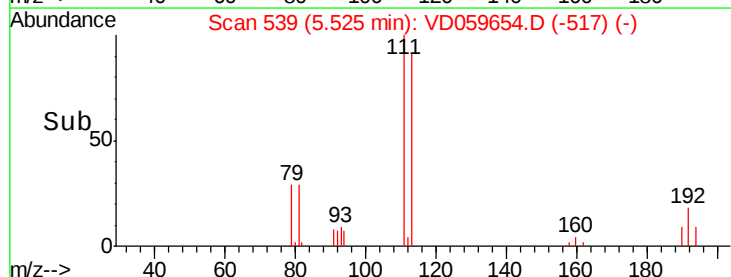
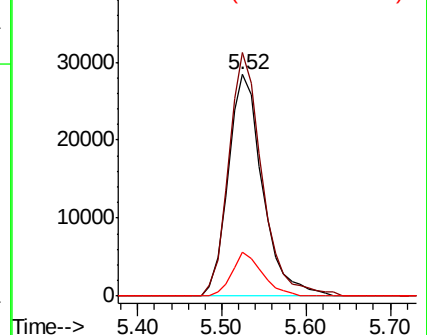
192 20.0 14.5 21.7

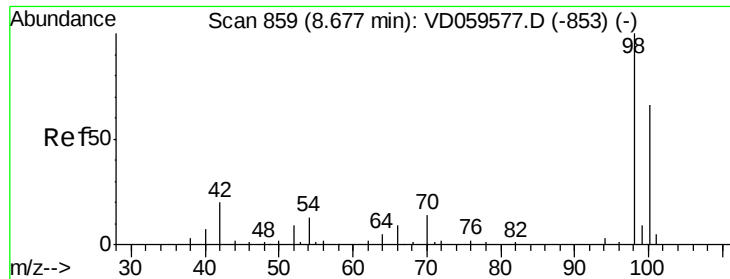


Abundance Ion 112.90 (112.60 to 113.60): V

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: 8.69 min Scan# 861

Delta R.T. 0.02 min

Lab File: VD059654.D

Acq: 31 Jul 2018 15:25

Instrument :

MSVOA_D

ClientSampleId :

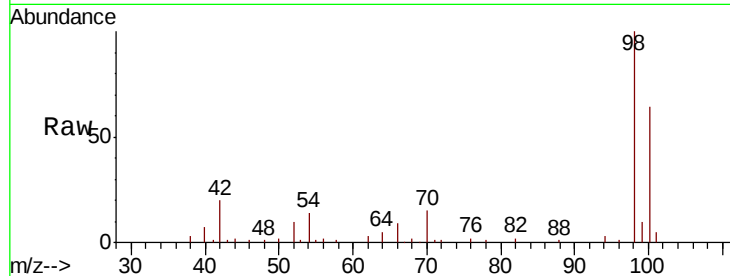
FK-PS-01-035

Tot Ion: 98 Resp: 152349

Ion Ratio Lower Upper

98 100

100 64.4 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VD059577.D (-853) (-)

Ion 100.05 (99.75 to 100.75): VD059577.D (-853) (-)

8.69

60000

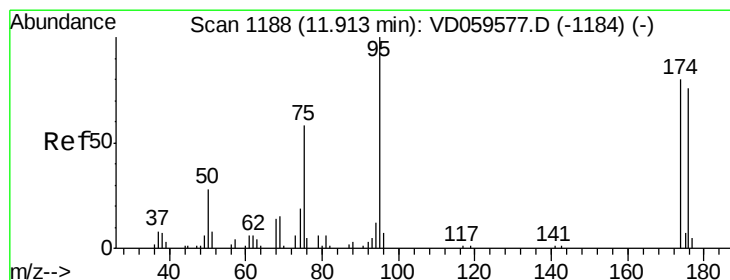
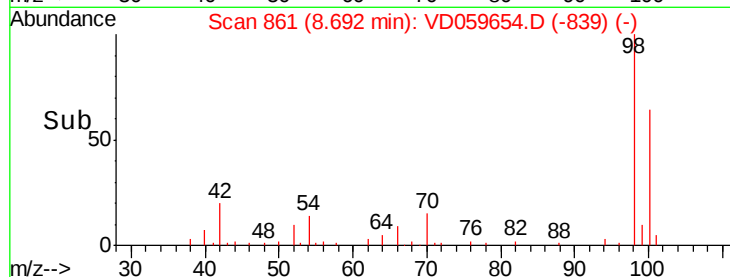
40000

20000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD059654.D

Acq: 31 Jul 2018 15:25

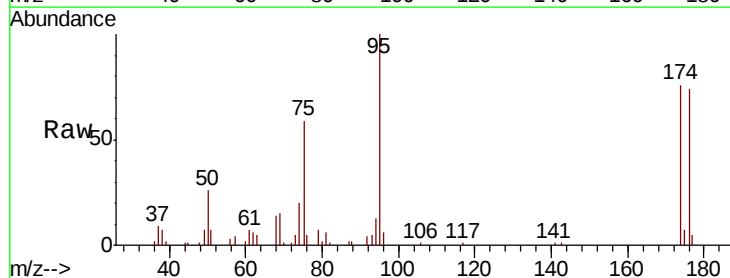
Tgt Ion: 95 Resp: 61653

Ion Ratio Lower Upper

95 100

174 75.8 0.0 160.6

176 74.1 0.0 152.8



Abundance Ion 95.00 (94.70 to 95.70): VD059577.D (-1184) (-)

Ion 173.90 (173.60 to 174.60): VD059577.D (-1184) (-)

Ion 175.90 (175.60 to 176.60): VD059577.D (-1184) (-)

11.92

60000

50000

40000

30000

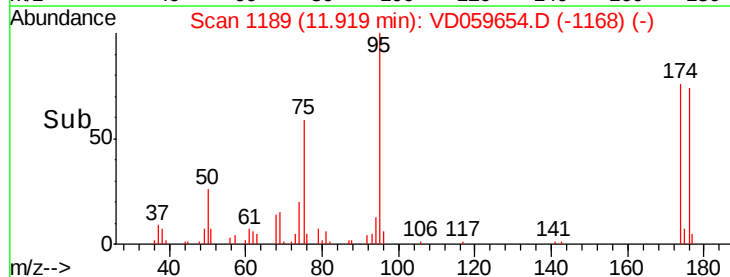
20000

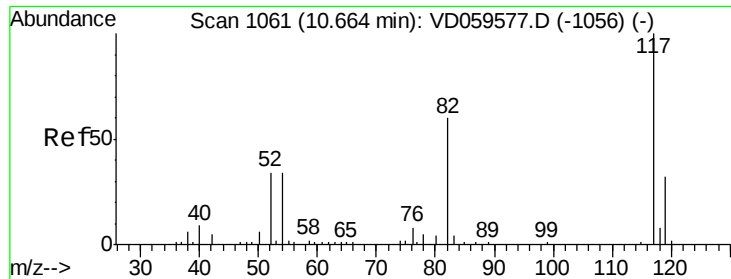
10000

0

11.85 11.90 11.95 12.00

Time-->

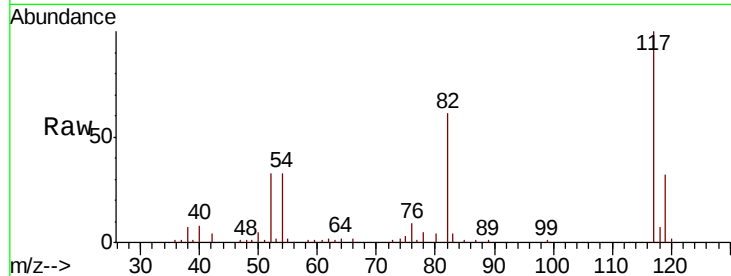




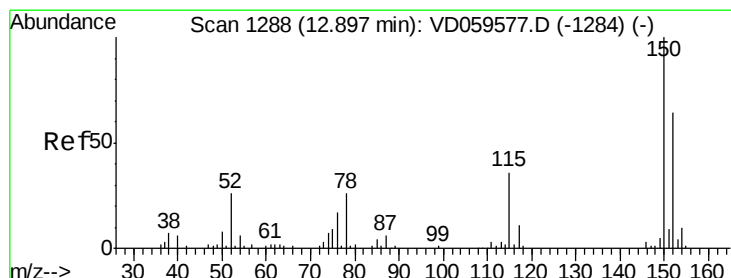
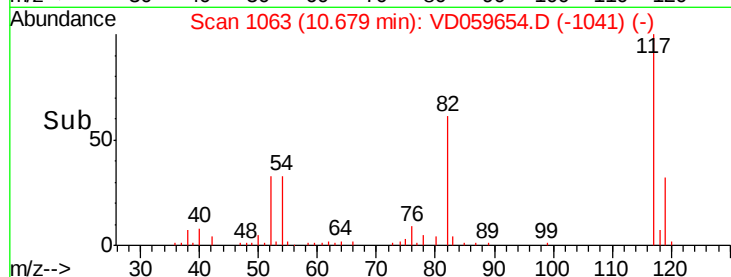
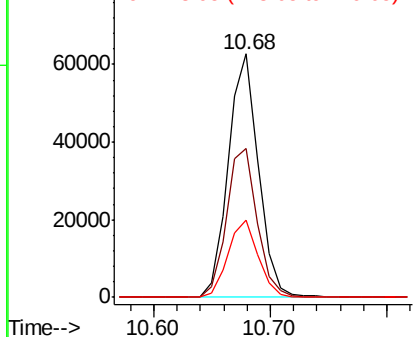
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1063
Delta R.T. 0.02 min
Lab File: VD059654.D
Acq: 31 Jul 2018 15:25

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

Tot Ion:117 Resp: 112017
Ion Ratio Lower Upper
117 100
82 61.4 48.2 72.2
119 31.9 25.4 38.2

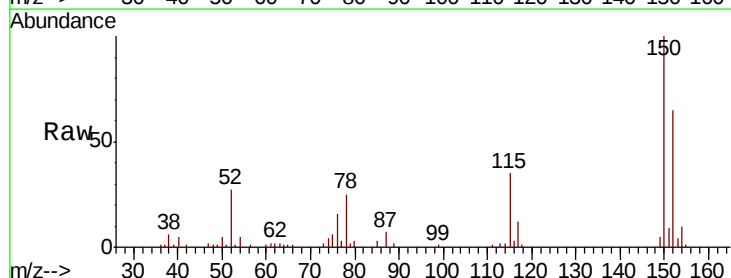


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1289
Delta R.T. 0.01 min
Lab File: VD059654.D
Acq: 31 Jul 2018 15:25

Tgt Ion:152 Resp: 47755
Ion Ratio Lower Upper
152 100
115 54.1 29.5 88.6
150 154.1 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

