

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061418\
 Data File : VD058143.D
 Acq On : 14 Jun 2018 18:45
 Operator : VA/AP
 Sample : J3482-02
 Misc : 9.07g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-029

Quant Time: Jun 15 07:29:55 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	5.65	168	643967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	833860	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.70	117	633201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	269914	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	259206	40.26	ug/l	0.00
Spiked Amount			Recovery	=	80.52%	
35) Dibromofluoromethane	5.55	113	278858	43.22	ug/l	-0.01
Spiked Amount			Recovery	=	86.44%	
50) Toluene-d8	8.71	98	548384	35.75	ug/l	0.00
Spiked Amount			Recovery	=	71.50%	
62) 4-Bromofluorobenzene	11.94	95	214282	32.02	ug/l	0.00
Spiked Amount			Recovery	=	64.04%	

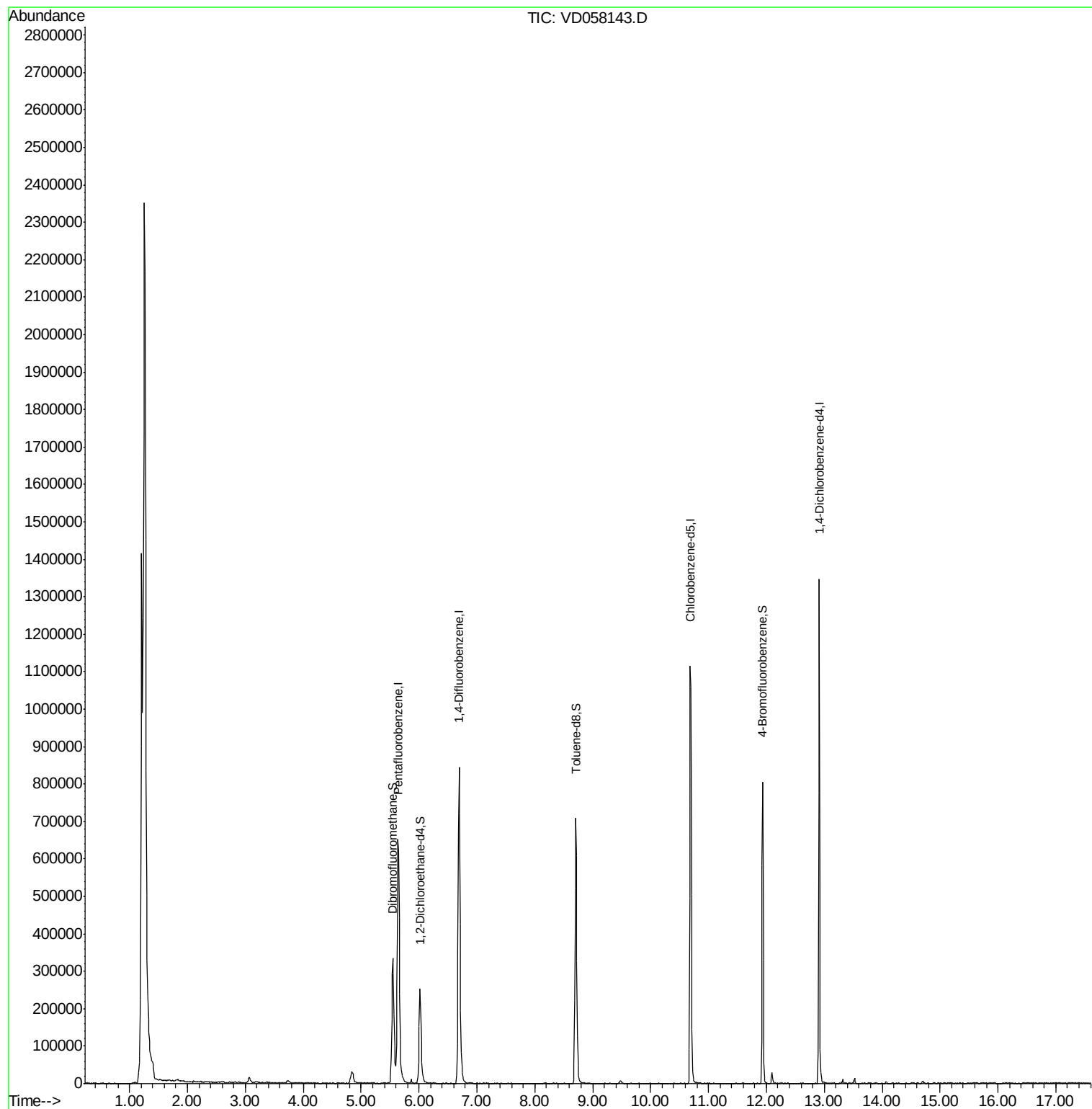
Target Compounds	Qvalue
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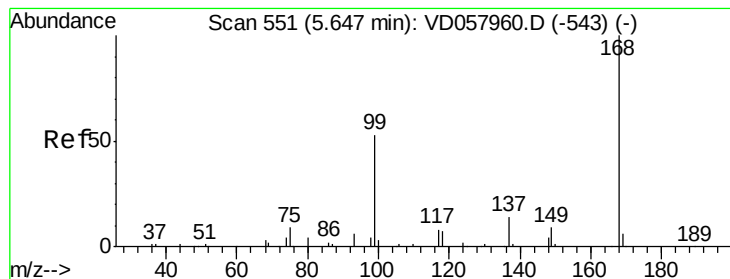
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 551

Delta R.T. -0.00 min

Lab File: VD058143.D

Acq: 14 Jun 2018 18:45

Instrument :

MSVOA_D

ClientSampleId :

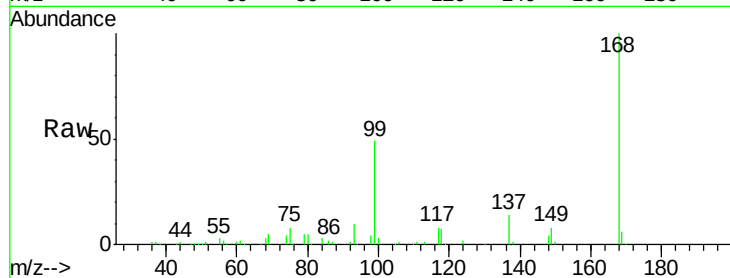
FK-PS-01-029

Tot Ion:168 Resp: 643967

Ion Ratio Lower Upper

168 100

99 49.4 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.65

250000

200000

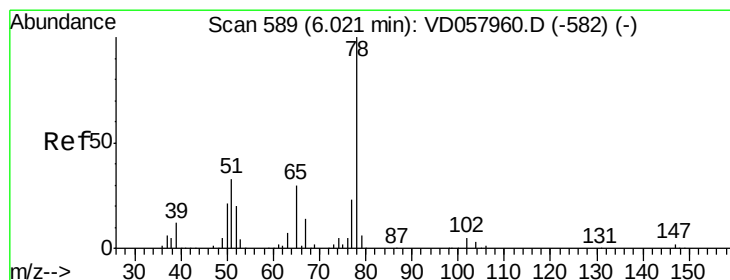
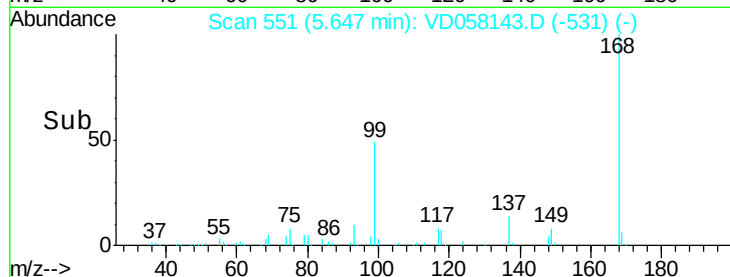
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.02 min Scan# 589

Delta R.T. -0.00 min

Lab File: VD058143.D

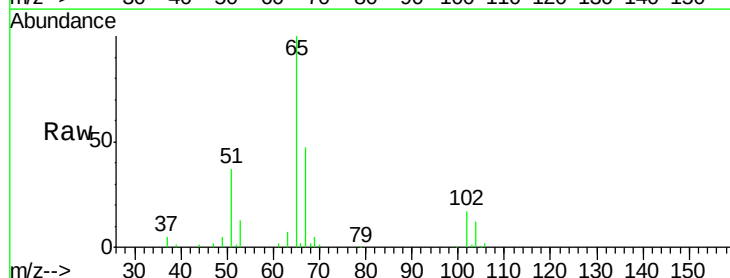
Acq: 14 Jun 2018 18:45

Tgt Ion: 65 Resp: 259206

Ion Ratio Lower Upper

65 100

67 47.5 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.02

100000

80000

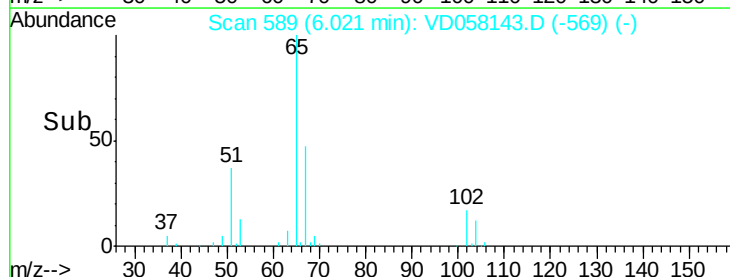
60000

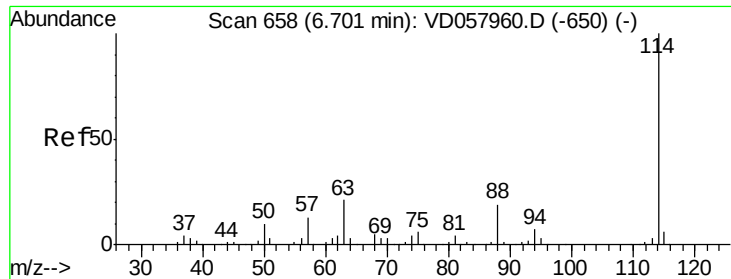
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.69 min Scan# 657

Delta R.T. -0.01 min

Lab File: VD058143.D

Acq: 14 Jun 2018 18:45

Instrument :

MSVOA_D

ClientSampleId :

FK-PS-01-029

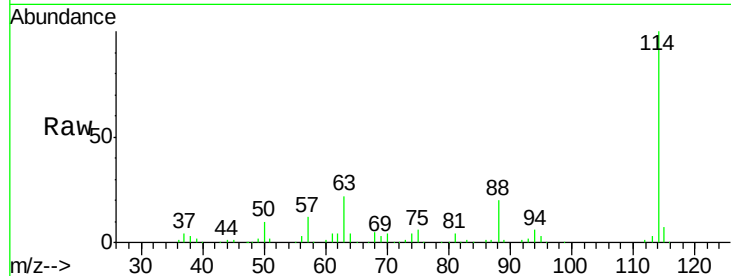
Tot Ion:114 Resp: 833860

Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.8

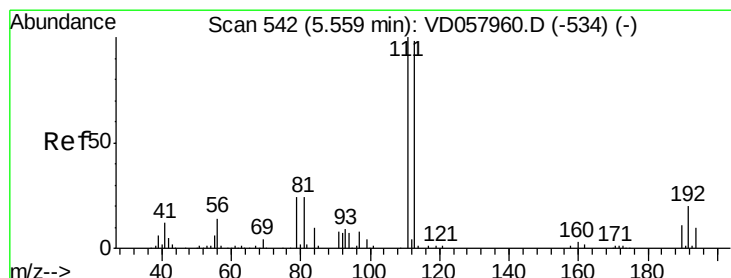
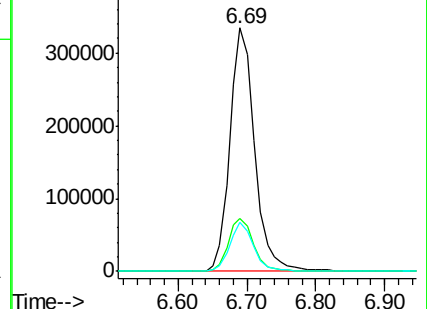
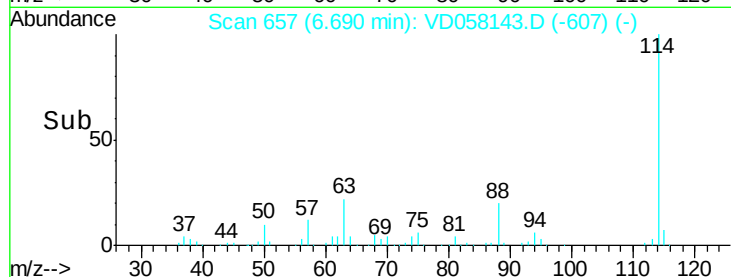
88 20.0 0.0 37.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.55 min Scan# 541

Delta R.T. -0.01 min

Lab File: VD058143.D

Acq: 14 Jun 2018 18:45

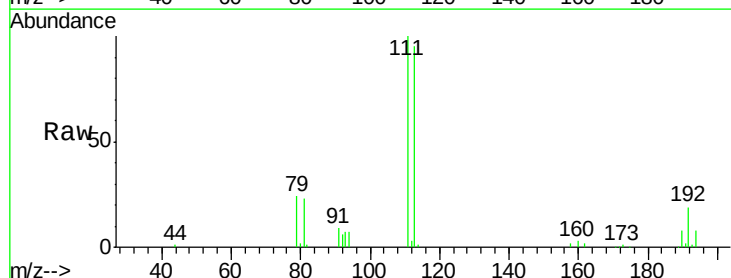
Tgt Ion:113 Resp: 278858

Ion Ratio Lower Upper

113 100

111 105.1 81.5 122.3

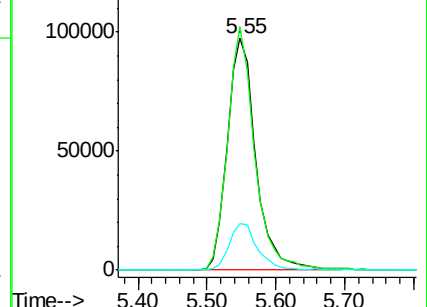
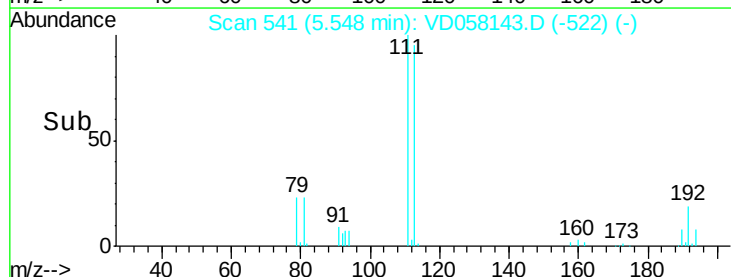
192 19.9 16.4 24.6

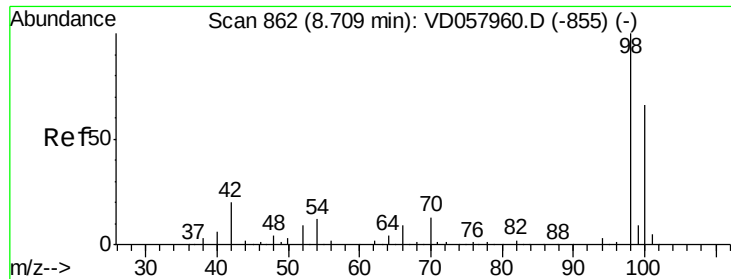


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

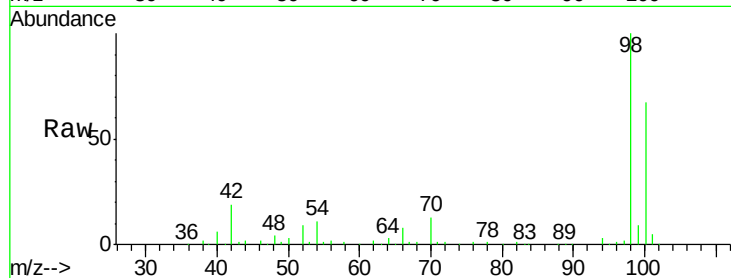




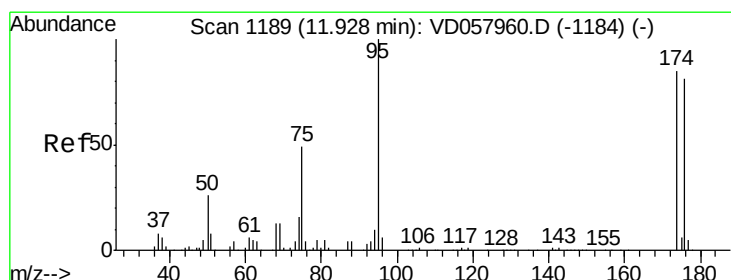
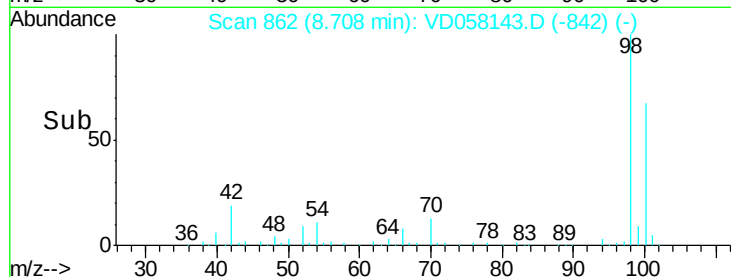
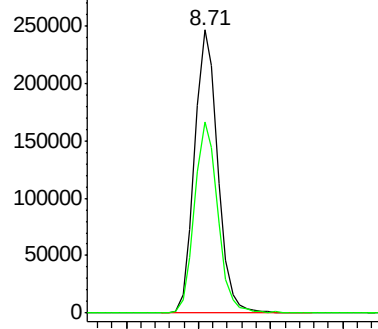
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.71 min Scan# 862
Delta R.T. -0.00 min
Lab File: VD058143.D
Acq: 14 Jun 2018 18:45

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-029

Tot Ion: 98 Resp: 548384
Ion Ratio Lower Upper
98 100
100 67.4 53.4 80.0

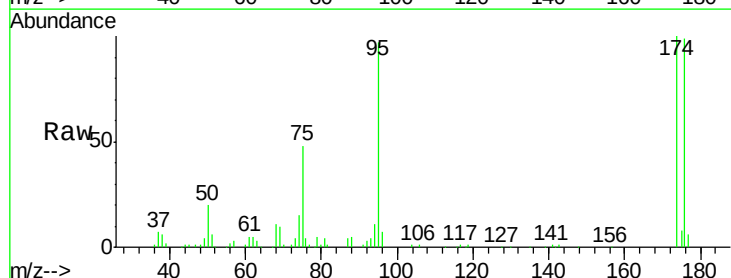


Abundance Ion 98.05 (97.75 to 98.75): VD057960.D (-855) (-)
Ion 100.05 (99.75 to 100.75): VD057960.D (-855) (-)

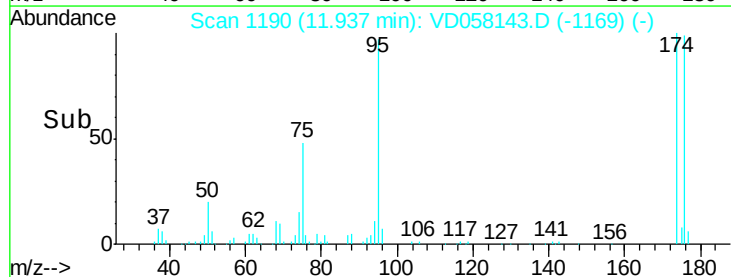
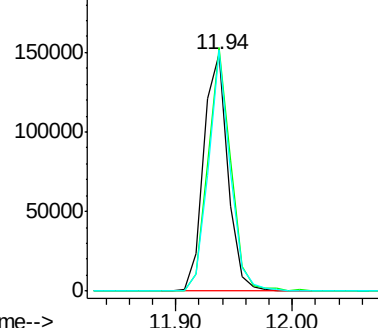


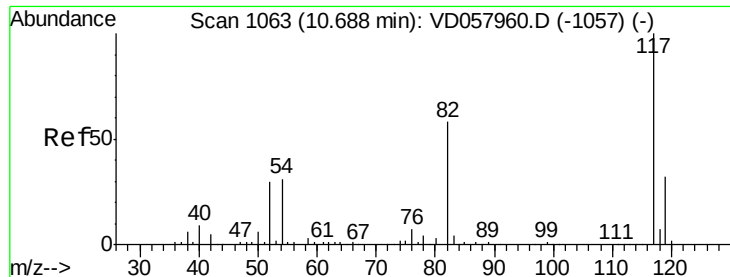
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.94 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD058143.D
Acq: 14 Jun 2018 18:45

Tgt Ion: 95 Resp: 214282
Ion Ratio Lower Upper
95 100
174 102.7 0.0 169.4
176 101.9 0.0 162.6



Abundance Ion 95.00 (94.70 to 95.70): VD057960.D (-1184) (-)
Ion 173.90 (173.60 to 174.60): VD057960.D (-1184) (-)
Ion 175.90 (175.60 to 176.60): VD057960.D (-1184) (-)

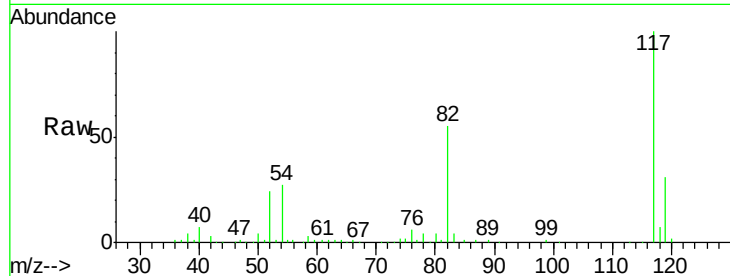




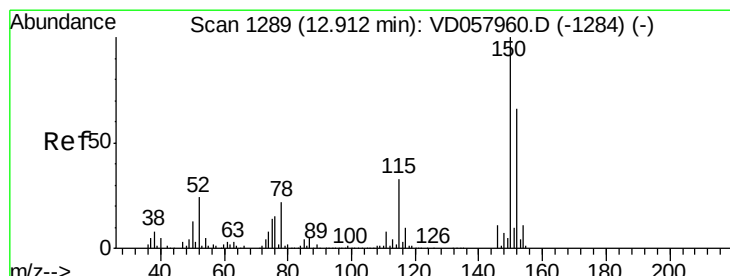
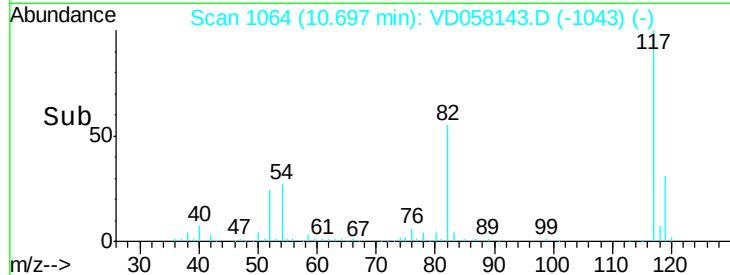
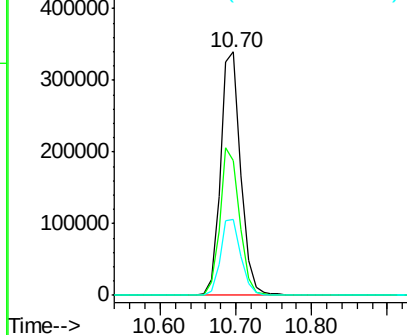
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD058143.D
Acq: 14 Jun 2018 18:45

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-029

Tot Ion:117 Resp: 633201
Ion Ratio Lower Upper
117 100
82 55.4 46.8 70.2
119 31.0 25.8 38.6

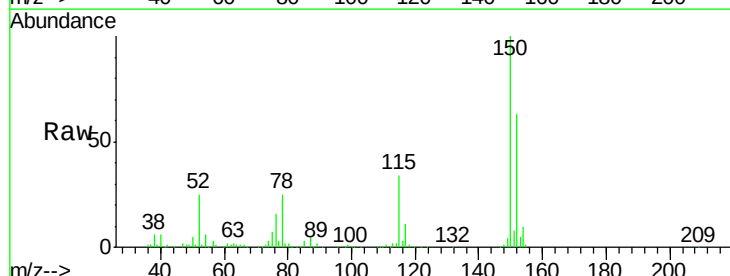


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.91 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VD058143.D
Acq: 14 Jun 2018 18:45

Tgt Ion:152 Resp: 269914
Ion Ratio Lower Upper
152 100
115 53.6 25.6 76.6
150 159.8 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

