

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
 Data File : VD058331.D
 Acq On : 23 Jun 2018 9:26
 Operator : VA/AP
 Sample : J3622-01RE
 Misc : 5.05g/5ml/MSVOA D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 275-137-282-284RE

Quant Time: Jun 25 01:39:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	649700	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	6.71	114	897602	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.70	117	461544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	180846	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	393087	59.90	ug/l	0.03
Spiked Amount	50.000		Recovery	=	119.80%	
35) Dibromofluoromethane	5.57	113	408376	55.90	ug/l	0.02
Spiked Amount	50.000		Recovery	=	111.80%	
50) Toluene-d8	8.72	98	527634	29.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.70%	
62) 4-Bromofluorobenzene	11.94	95	218626	30.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.56%	

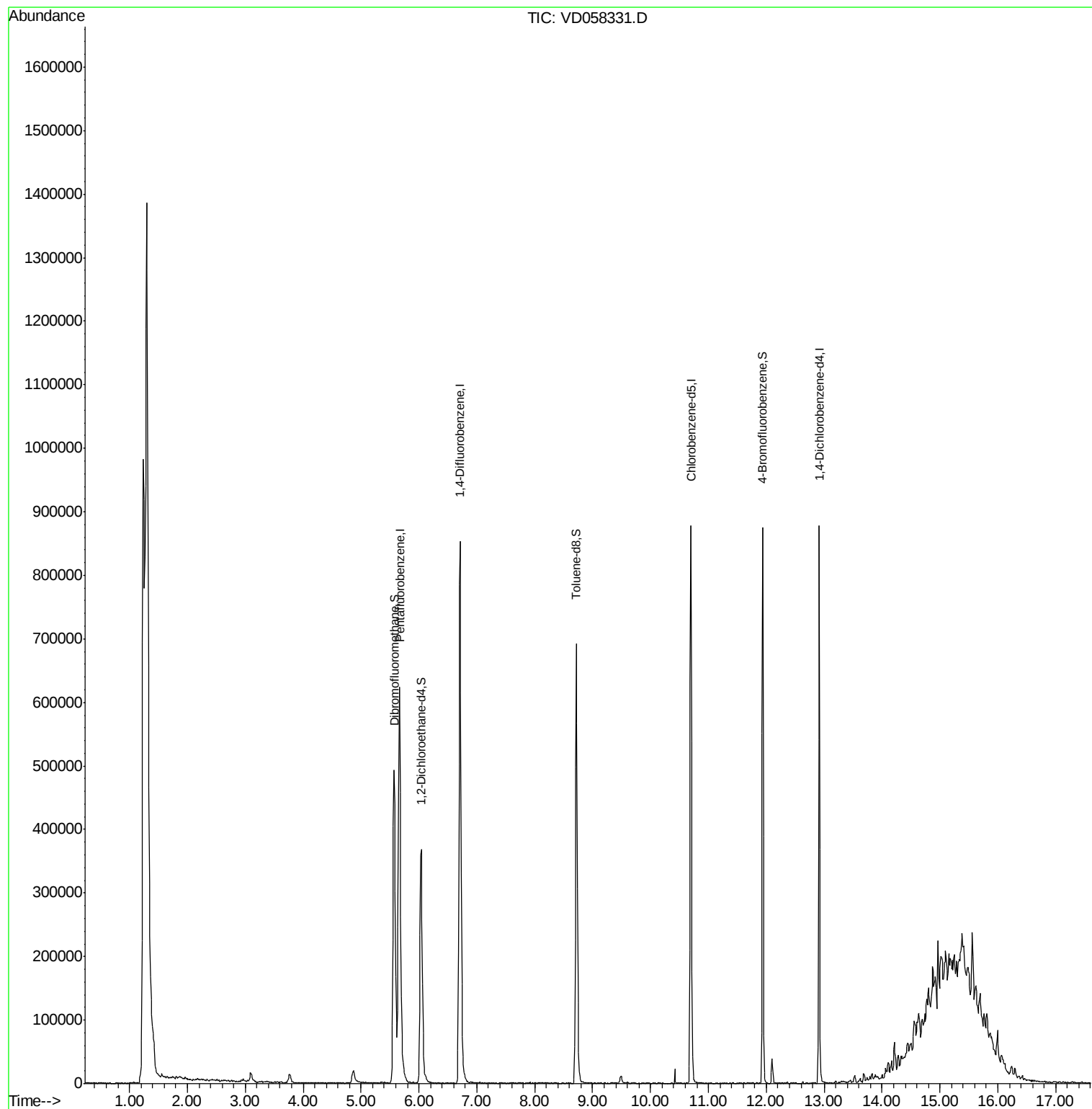
Target Compounds	Qvalue

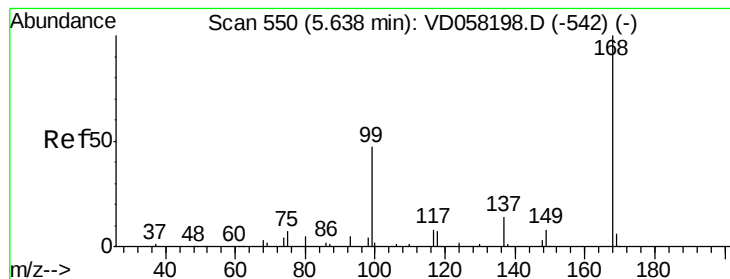
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 553

Delta R.T. 0.03 min

Lab File: VD058331.D

Acq: 23 Jun 2018 9:26

Instrument :

MSVOA_D

ClientSampleId :

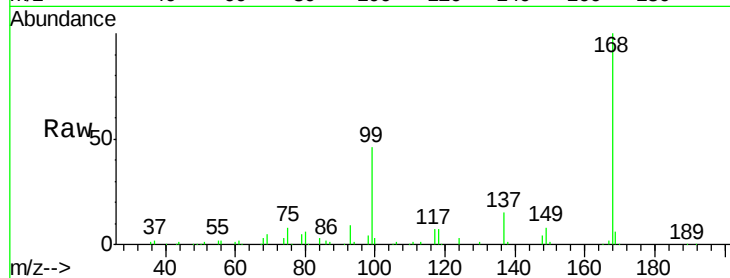
275-137-282-284RE

Tot Ion:168 Resp: 649700

Ion Ratio Lower Upper

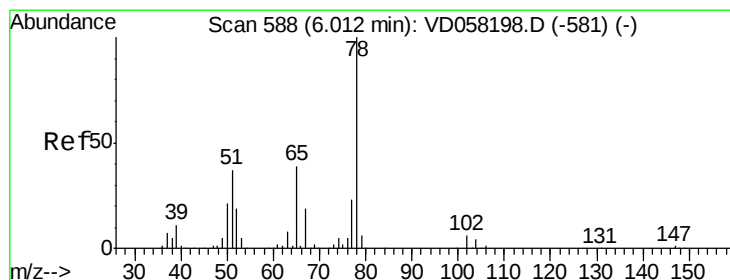
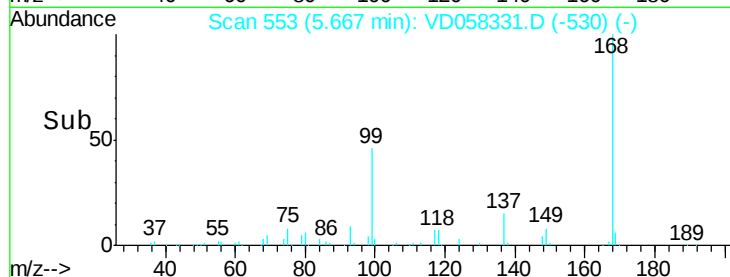
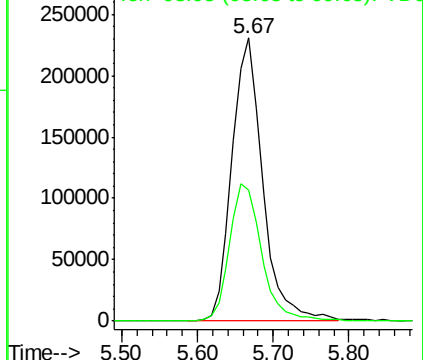
168 100

99 46.3 41.1 61.7



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: 6.04 min Scan# 591

Delta R.T. 0.03 min

Lab File: VD058331.D

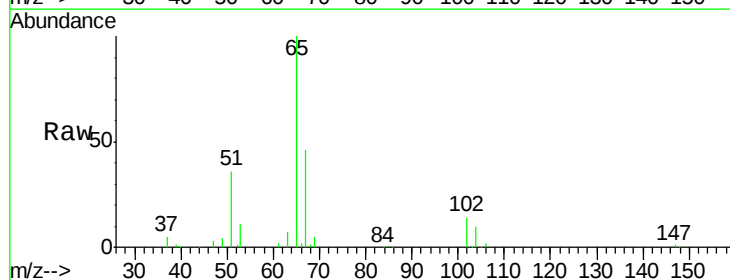
Acq: 23 Jun 2018 9:26

Tgt Ion: 65 Resp: 393087

Ion Ratio Lower Upper

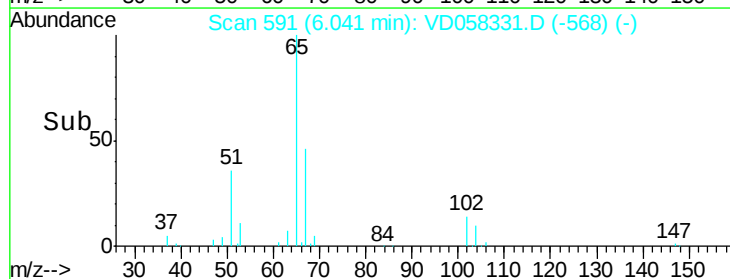
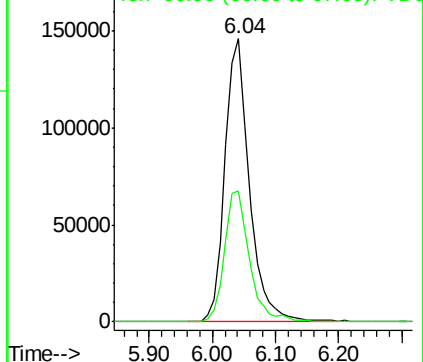
65 100

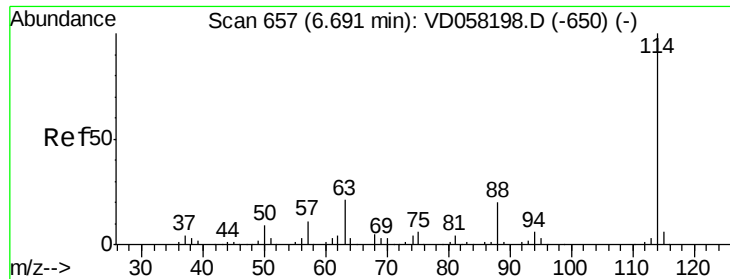
67 46.2 0.0 97.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

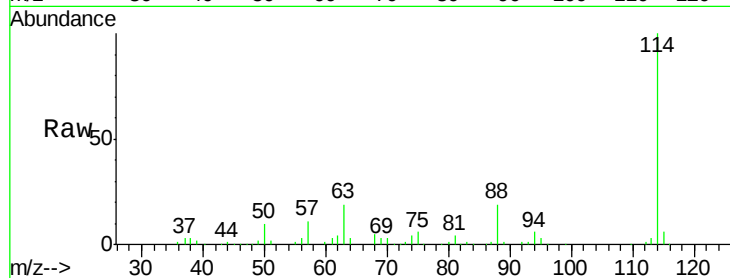




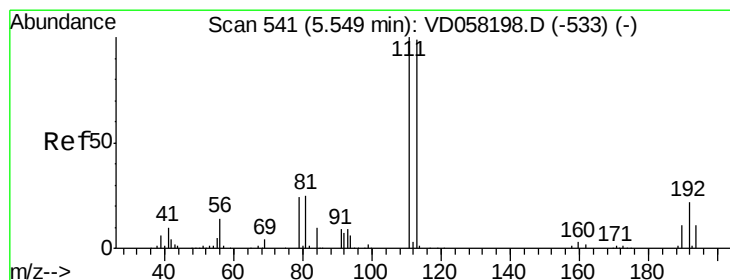
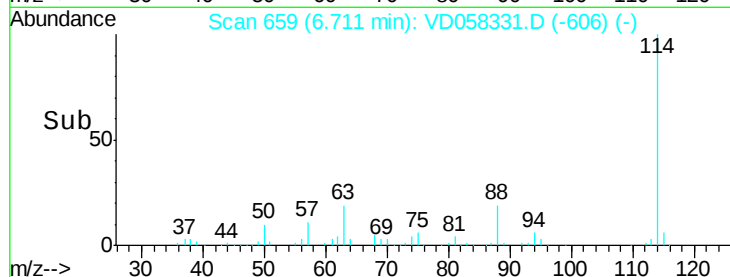
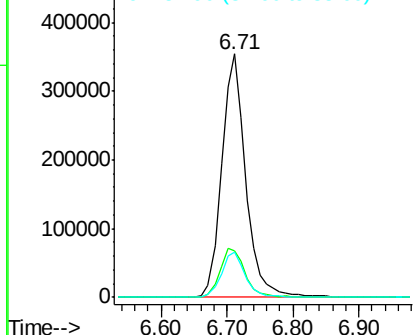
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.71 min Scan# 659
 Delta R.T. 0.02 min
 Lab File: VD058331.D
 Acq: 23 Jun 2018 9:26

Instrument :
 MSVOA_D
 ClientSampleId :
 275-137-282-284RE

Tot Ion:114 Resp: 897602
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 42.6
 88 18.8 0.0 40.6

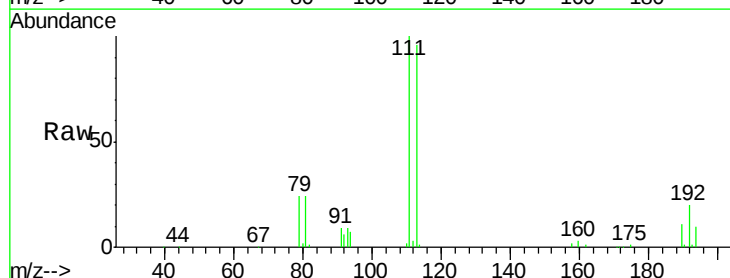


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

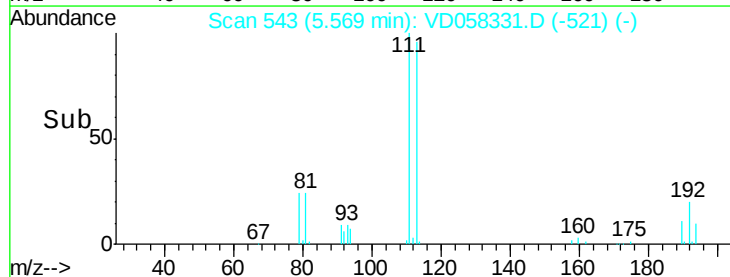
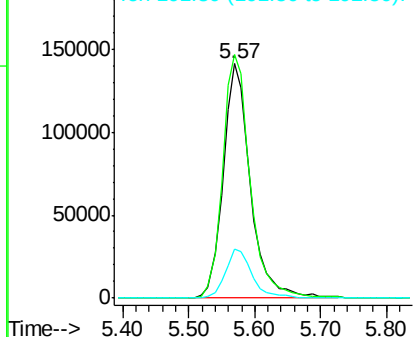


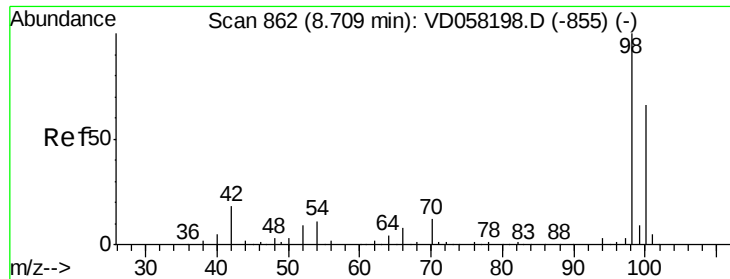
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.57 min Scan# 543
 Delta R.T. 0.02 min
 Lab File: VD058331.D
 Acq: 23 Jun 2018 9:26

Tgt Ion:113 Resp: 408376
 Ion Ratio Lower Upper
 113 100
 111 104.0 80.6 121.0
 192 20.9 17.8 26.6



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: 8.72 min Scan# 863

Delta R.T. 0.01 min

Lab File: VD058331.D

Acq: 23 Jun 2018 9:26

Instrument :

MSVOA_D

ClientSampleId :

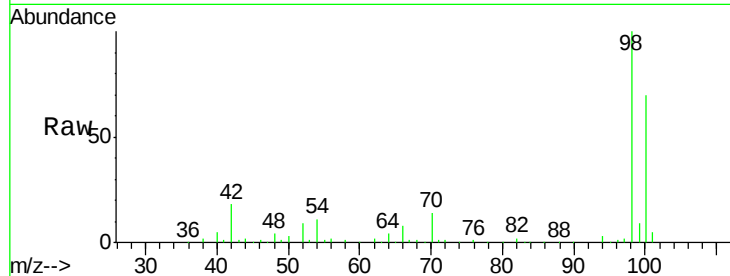
275-137-282-284RE

Tot Ion: 98 Resp: 527634

Ion Ratio Lower Upper

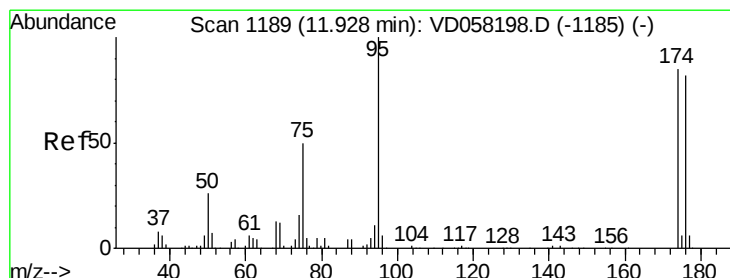
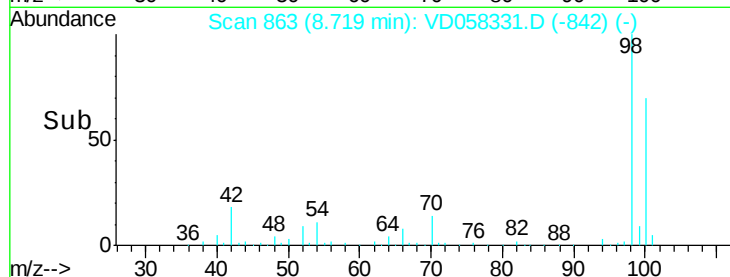
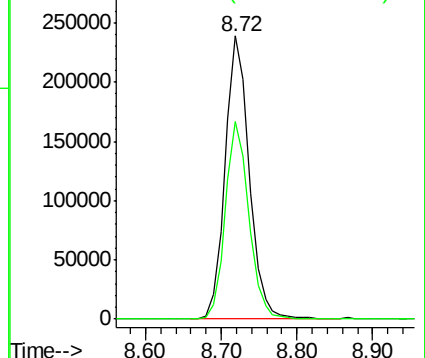
98 100

100 69.8 53.6 80.4



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.94 min Scan# 1190

Delta R.T. 0.01 min

Lab File: VD058331.D

Acq: 23 Jun 2018 9:26

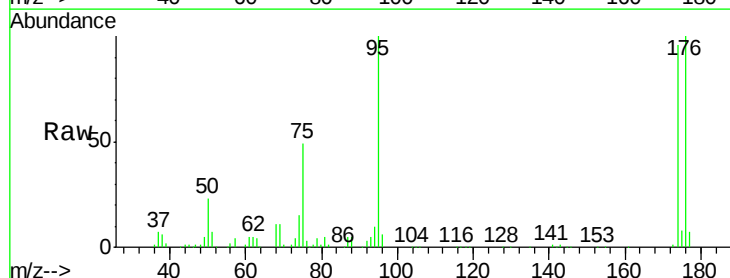
Tgt Ion: 95 Resp: 218626

Ion Ratio Lower Upper

95 100

174 95.7 0.0 170.2

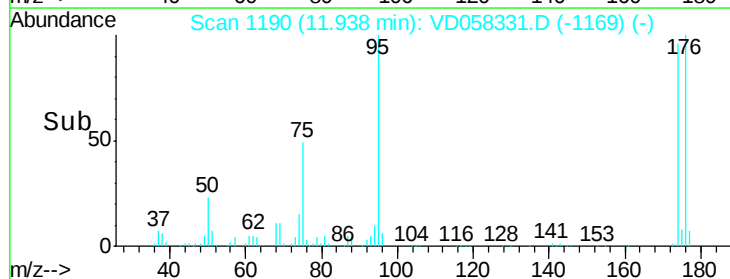
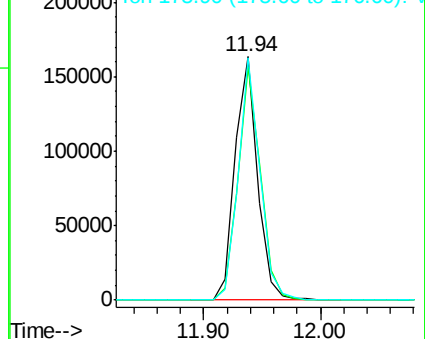
176 99.7 0.0 164.6

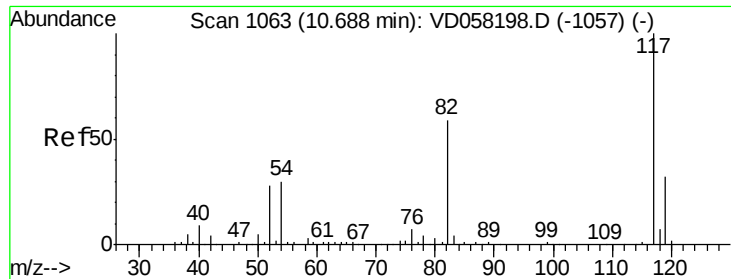


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

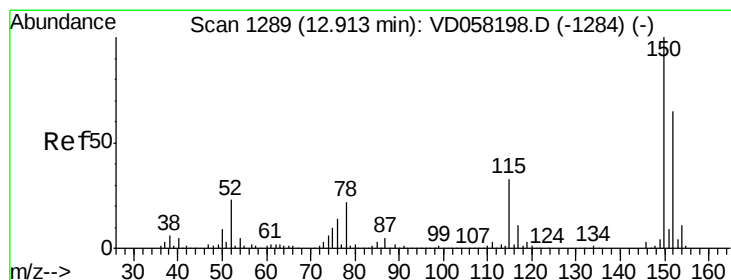
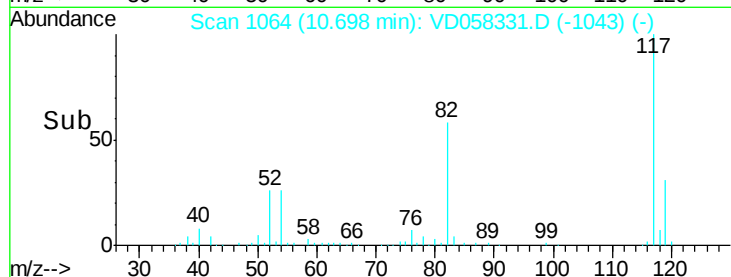
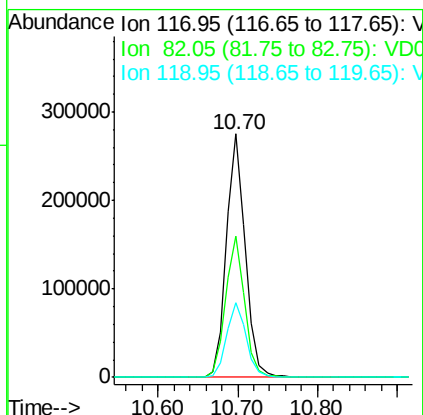
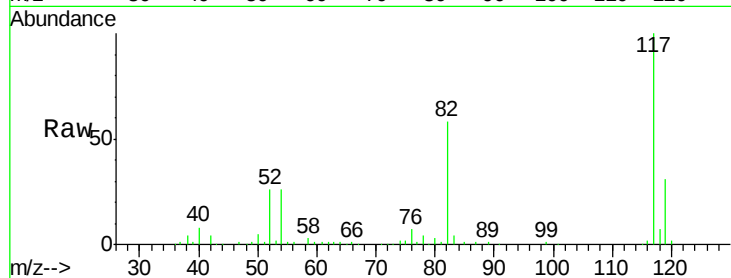




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD058331.D
Acq: 23 Jun 2018 9:26

Instrument :
MSVOA_D
ClientSampleId :
275-137-282-284RE

Tot Ion:117 Resp: 461544
Ion Ratio Lower Upper
117 100
82 58.1 47.0 70.6
119 30.9 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD058331.D
Acq: 23 Jun 2018 9:26

Tgt Ion:152 Resp: 180846
Ion Ratio Lower Upper
152 100
115 55.1 25.1 75.3
150 155.0 0.0 308.8

