

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD040919\
 Data File : VD061672.D
 Acq On : 9 Apr 2019 13:49
 Operator : VA/AP
 Sample : VD0409SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0409SBL01

Quant Time: Apr 10 01:18:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

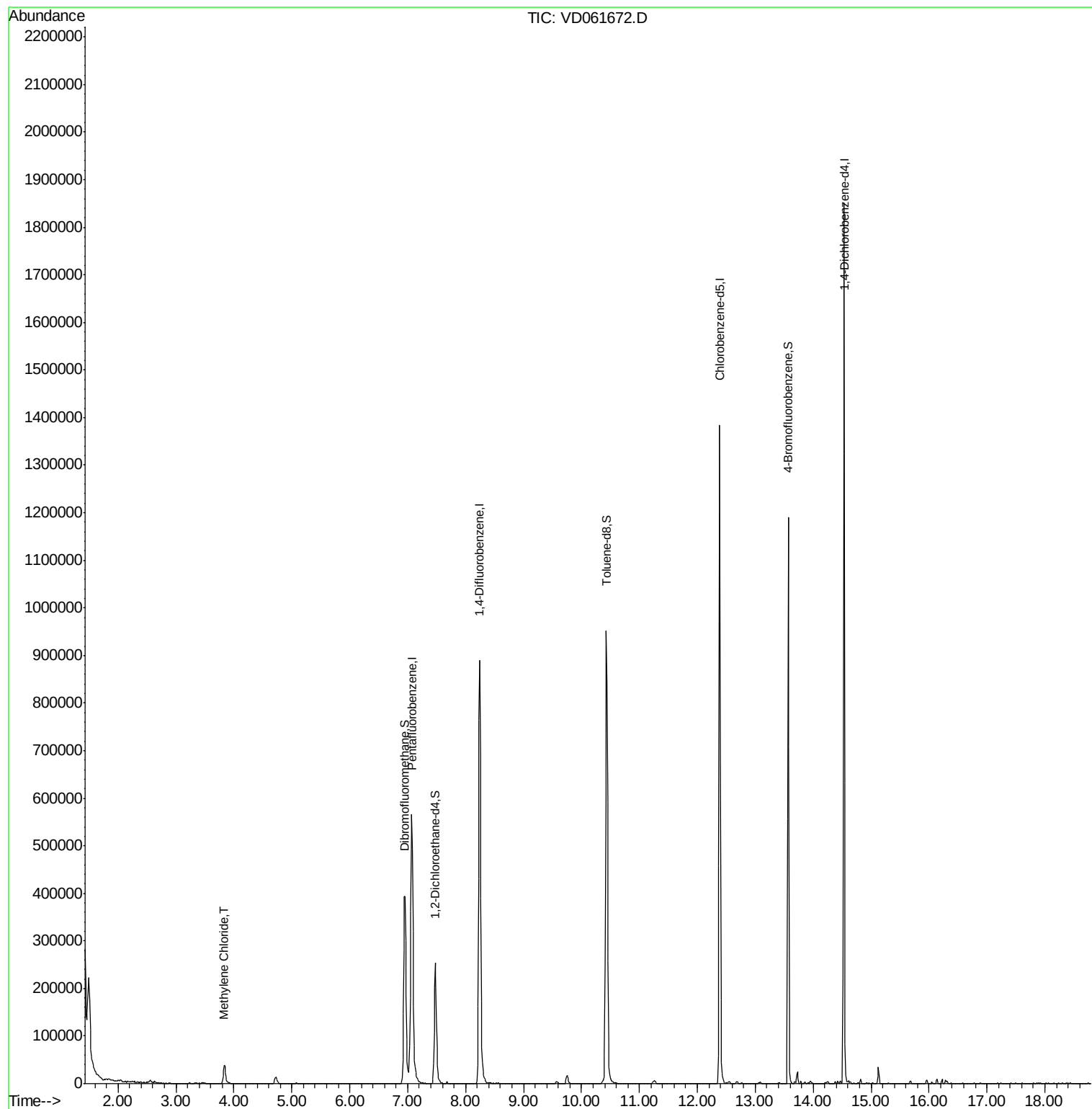
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	622768	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	1061839	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.39	117	901936	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	442179	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	249788	52.92	ug/l	0.02
Spiked Amount 50.000			Recovery	=	105.84%	
35) Dibromofluoromethane	6.95	113	381403	51.85	ug/l	0.03
Spiked Amount 50.000			Recovery	=	103.70%	
50) Toluene-d8	10.43	98	846309	45.79	ug/l	0.02
Spiked Amount 50.000			Recovery	=	91.58%	
62) 4-Bromofluorobenzene	13.57	95	350808	55.18	ug/l	0.01
Spiked Amount 50.000			Recovery	=	110.36%	
Target Compounds						
20) Methylene Chloride	3.84	84	28267	3.530	ug/l	Qvalue 98

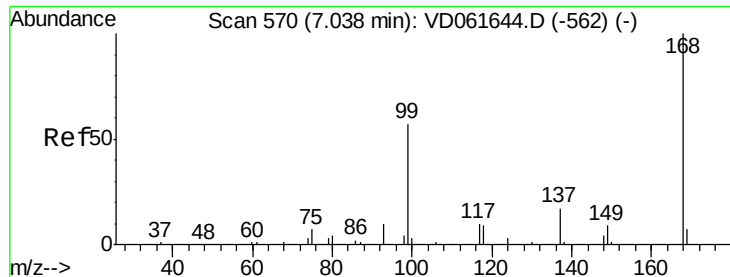
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.03 min

Lab File: VD061672.D

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MSVOA_D

ClientSampleId :

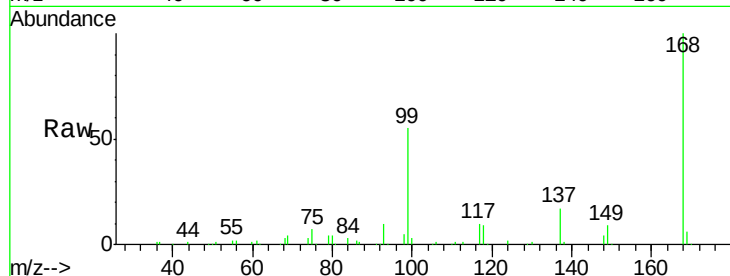
VD0409SBL01

Tgt Ion:168 Resp: 622768

Ion Ratio Lower Upper

168 100

99 55.1 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

200000

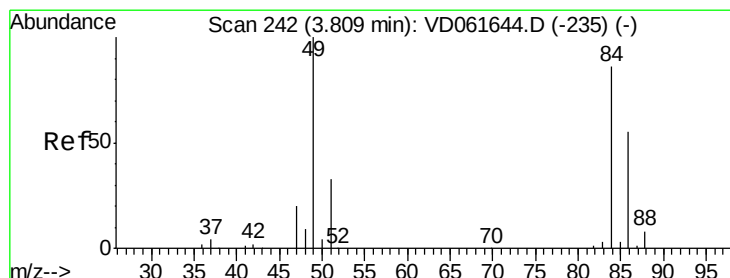
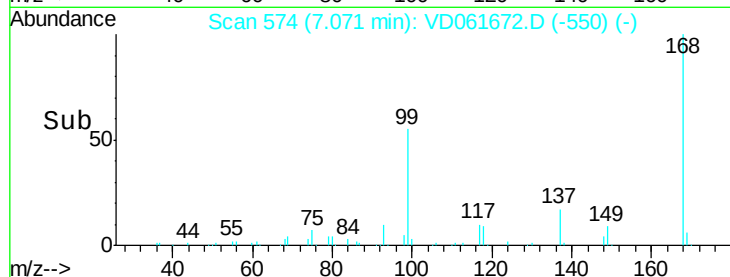
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#20

Methylene Chloride

Concen: 3.530 ug/l

RT: 3.84 min Scan# 246

Delta R.T. 0.03 min

Lab File: VD061672.D

Acq: 9 Apr 2019 13:49

Tgt Ion: 84 Resp: 28267

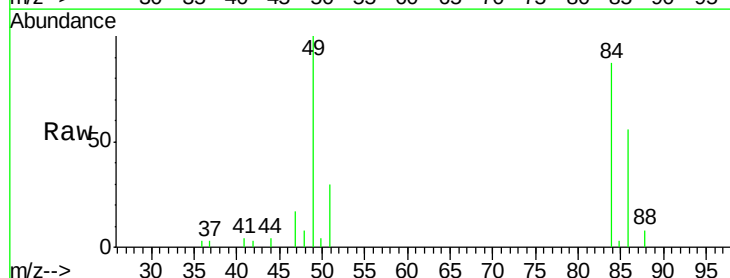
Ion Ratio Lower Upper

84 100

49 115.4 93.0 139.4

51 35.1 30.4 45.6

86 65.0 51.0 76.4



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

3.84

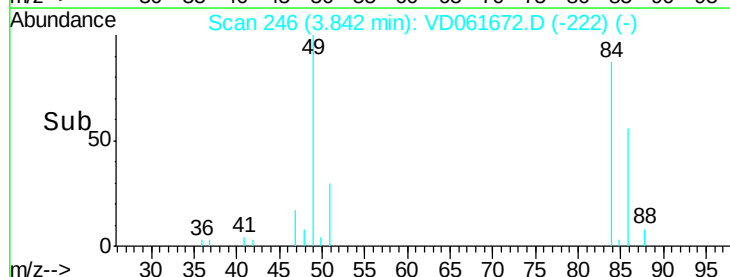
15000

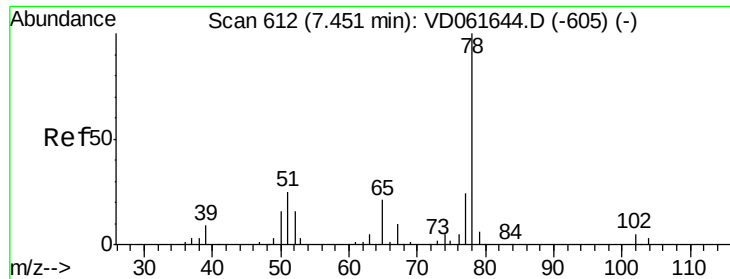
10000

5000

0

Time--> 3.70 3.80 3.90 4.00

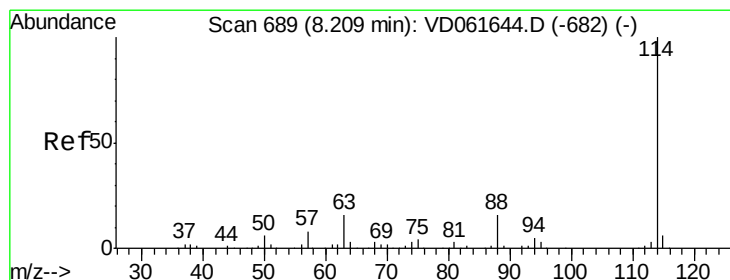
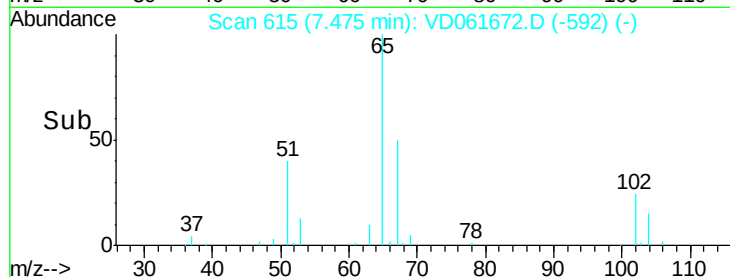
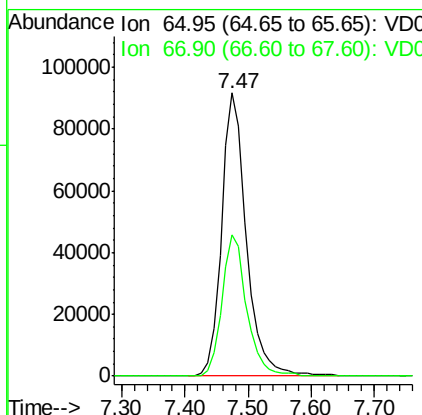
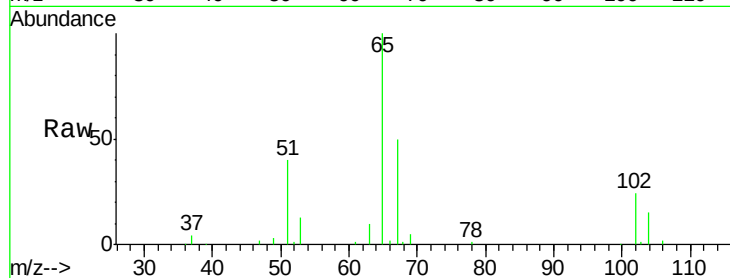




#33
 1,2-Dichloroethane-d4
 Concen: 52.915 ug/l
 RT: 7.47 min Scan# 615
 Delta R.T. 0.02 min
 Lab File: VD061672.D
 Acq: 9 Apr 2019 13:49

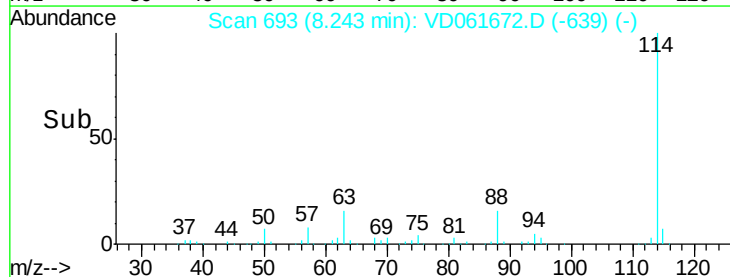
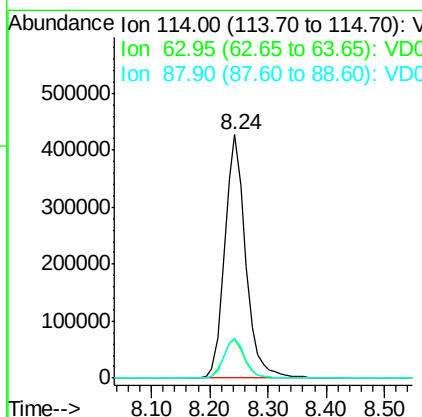
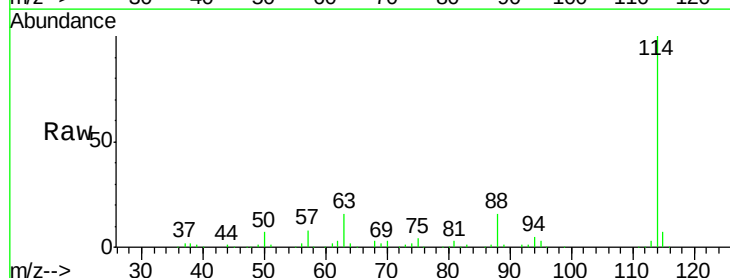
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0409SBL01

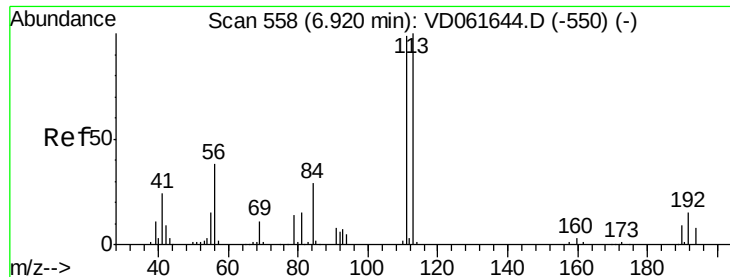
Tgt Ion: 65 Resp: 249788
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 693
 Delta R.T. 0.03 min
 Lab File: VD061672.D
 Acq: 9 Apr 2019 13:49

Tgt Ion: 114 Resp: 1061839
 Ion Ratio Lower Upper
 114 100
 63 15.8 0.0 31.2
 88 16.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.848 ug/l

RT: 6.95 min Scan# 562

Delta R.T. 0.03 min

Lab File: VD061672.D

Acq: 9 Apr 2019 13:49

Instrument :

MSVOA_D

ClientSampleId :

VD0409SBL01

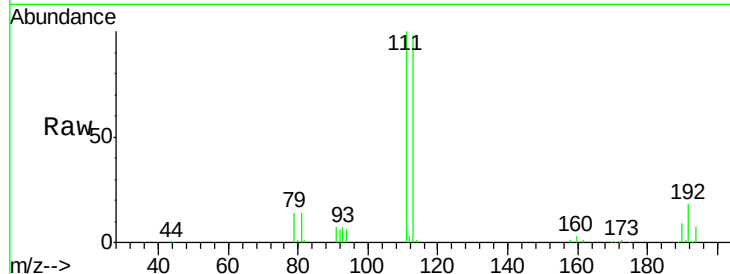
Tgt Ion:113 Resp: 381403

Ion Ratio Lower Upper

113 100

111 101.8 79.3 118.9

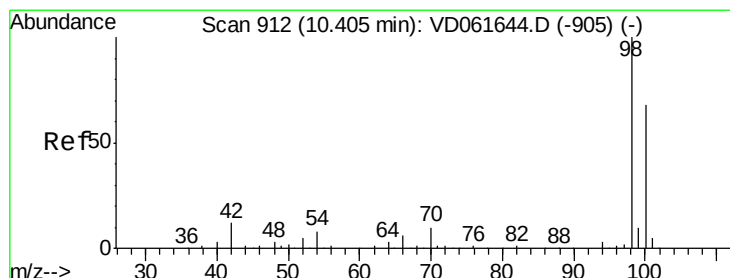
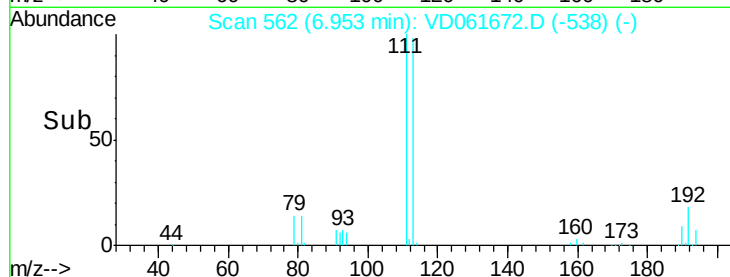
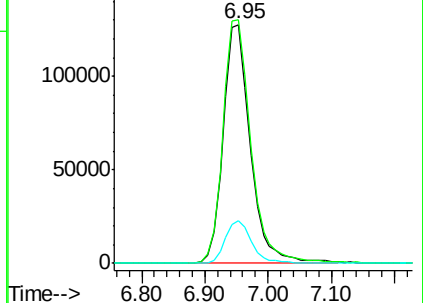
192 17.9 12.3 18.5



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: 45.792 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.02 min

Lab File: VD061672.D

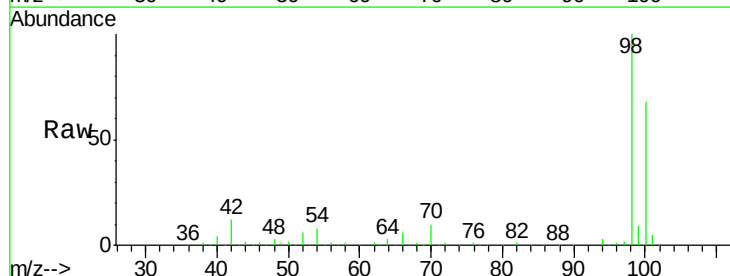
Acq: 9 Apr 2019 13:49

Tgt Ion: 98 Resp: 846309

Ion Ratio Lower Upper

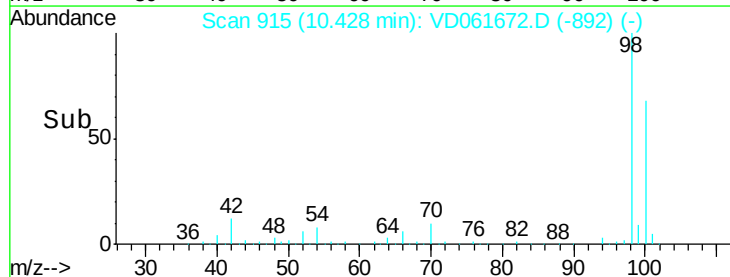
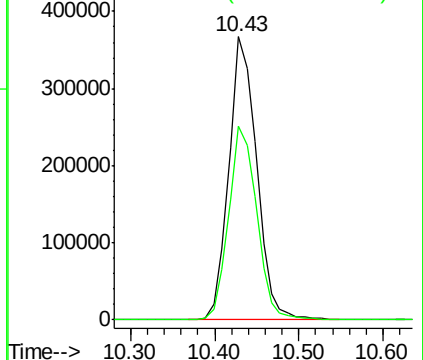
98 100

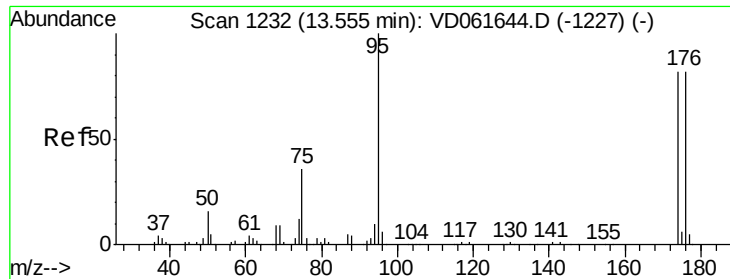
100 68.3 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

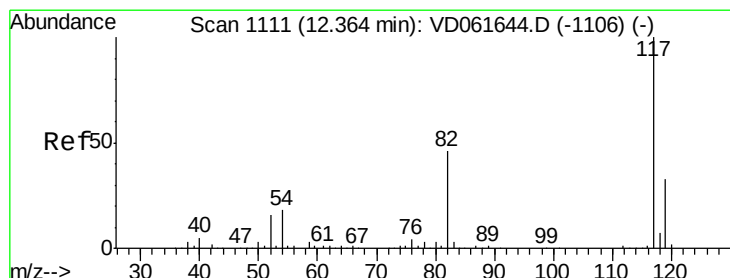
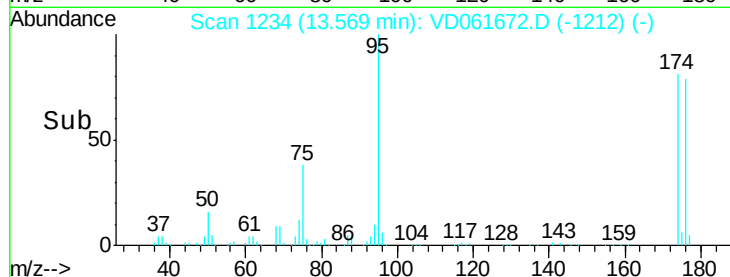
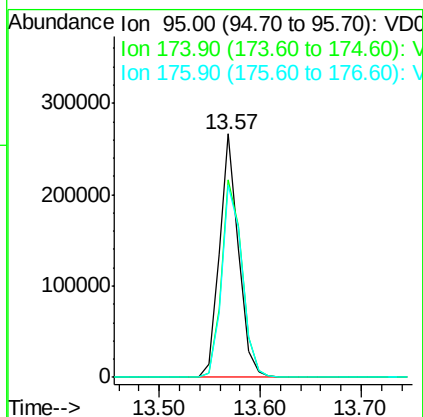
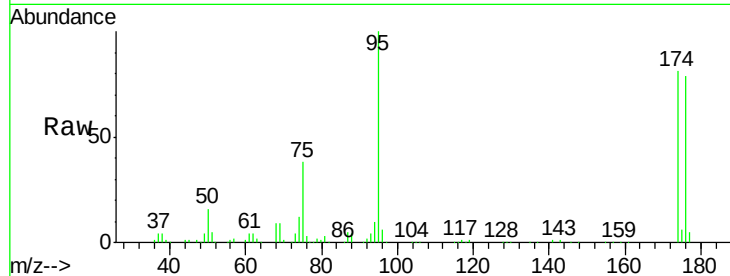




#62
4-Bromofluorobenzene
Concen: 55.184 ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.01 min
Lab File: VD061672.D
Acq: 9 Apr 2019 13:49

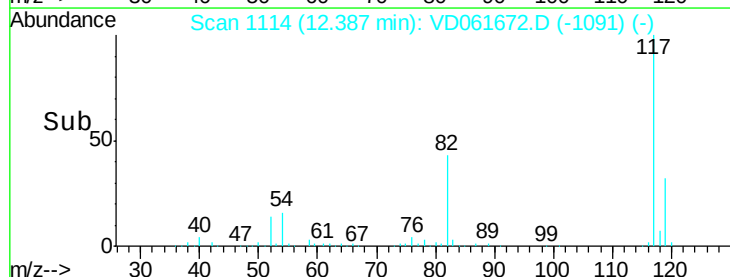
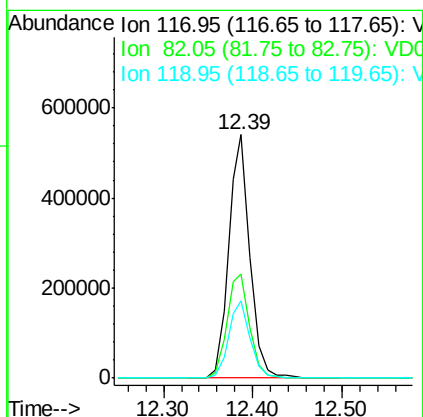
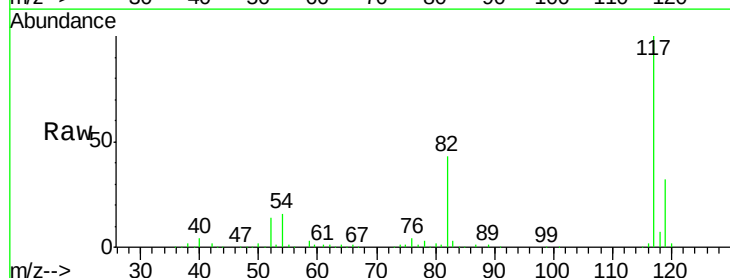
Instrument :
MSVOA_D
ClientSampleId :
VD0409SBL01

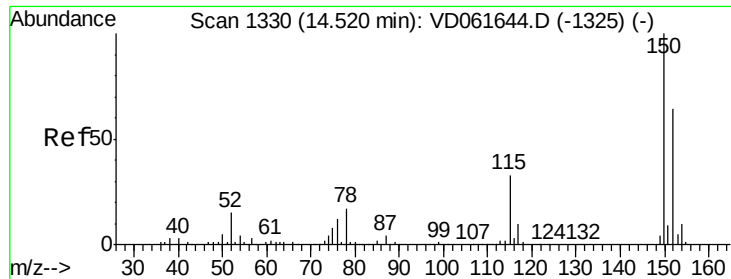
Tgt Ion: 95 Resp: 350808
Ion Ratio Lower Upper
95 100
174 81.4 0.0 164.6
176 79.1 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. 0.02 min
Lab File: VD061672.D
Acq: 9 Apr 2019 13:49

Tgt Ion: 117 Resp: 901936
Ion Ratio Lower Upper
117 100
82 42.9 36.8 55.2
119 32.0 26.1 39.1

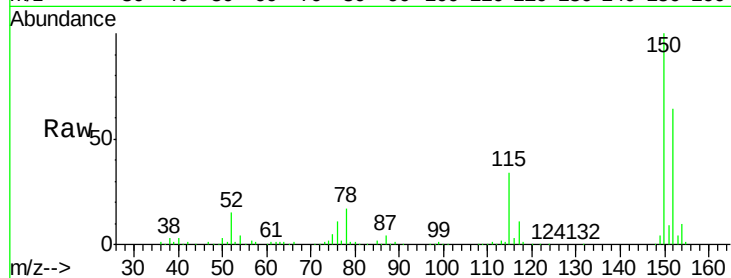




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.53 min Scan# 1332
 Delta R.T. 0.01 min
 Lab File: VD061672.D
 Acq: 9 Apr 2019 13:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0409SBL01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.3	26.4	79.2
150	155.6	0.0	320.6



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

