

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041719\
 Data File : VD061852.D
 Acq On : 17 Apr 2019 14:59
 Operator : VA/AP
 Sample : K2390-05
 Misc : 8.23g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 200050

Quant Time: Apr 17 15:47:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:53:01 2019
 Response via : Initial Calibration

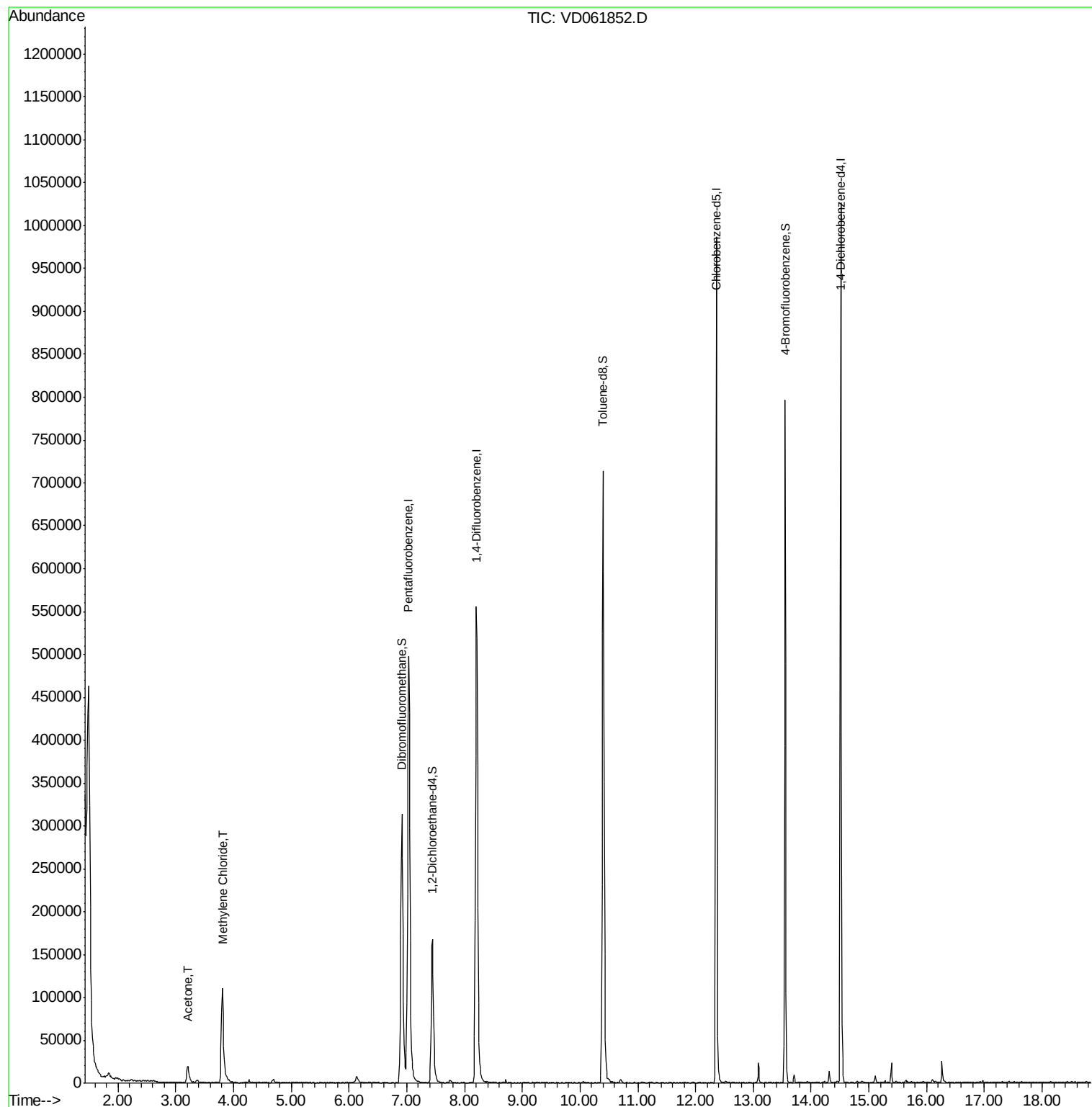
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	492261	50.00	ug/l	-0.06
34) 1,4-Difluorobenzene	8.20	114	711258	50.00	ug/l	-0.06
63) Chlorobenzene-d5	12.36	117	616318	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	14.51	152	233922	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	177154	42.94	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	85.88%	
35) Dibromofluoromethane	6.91	113	291713	54.29	ug/l	-0.06
Spiked Amount 50.000			Recovery	=	108.58%	
50) Toluene-d8	10.40	98	630947	49.55	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	99.10%	
62) 4-Bromofluorobenzene	13.55	95	242055	46.90	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	93.80%	
Target Compounds						
16) Acetone	3.21	43	41026	40.348	ug/l	94
20) Methylene Chloride	3.81	84	82792	12.985	ug/l	97

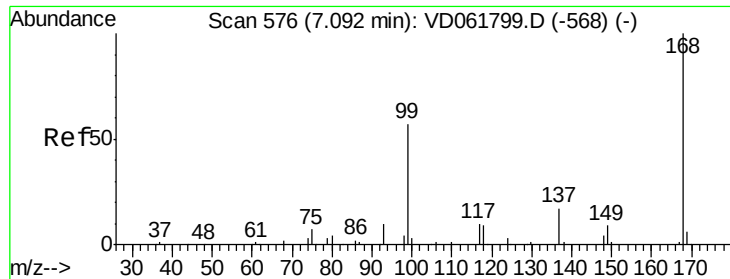
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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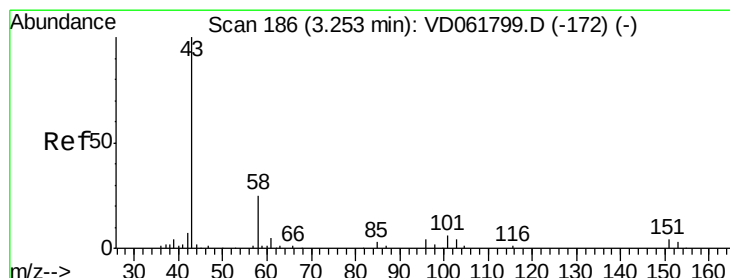
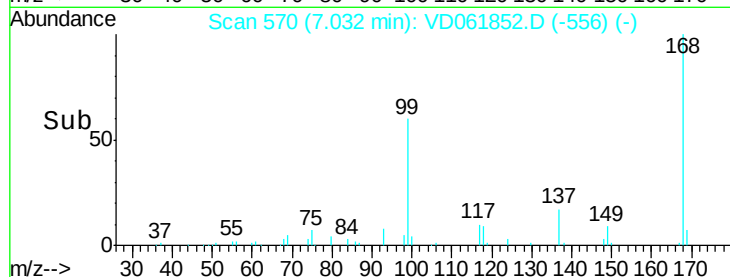
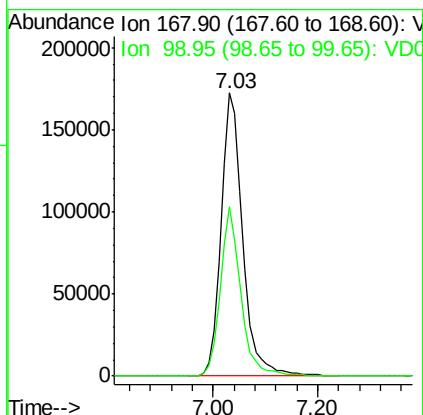
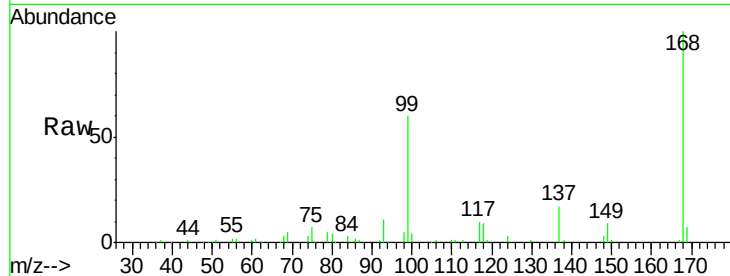




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 570
Delta R.T. -0.06 min
Lab File: VD061852.D
Acq: 17 Apr 2019 14:59

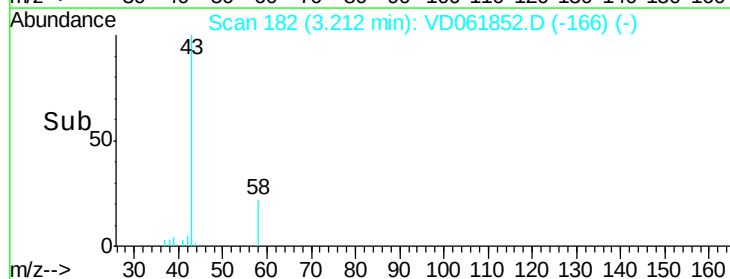
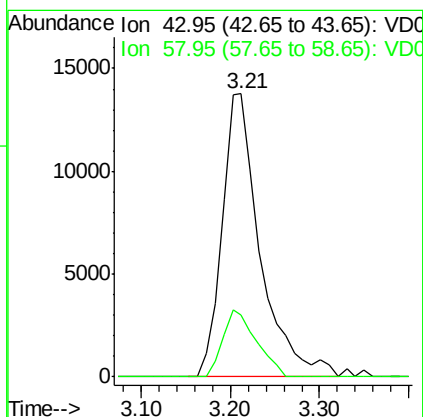
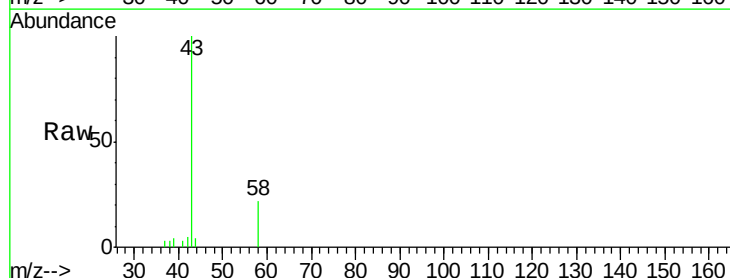
Instrument :
MSVOA_D
ClientSampleId :
200050

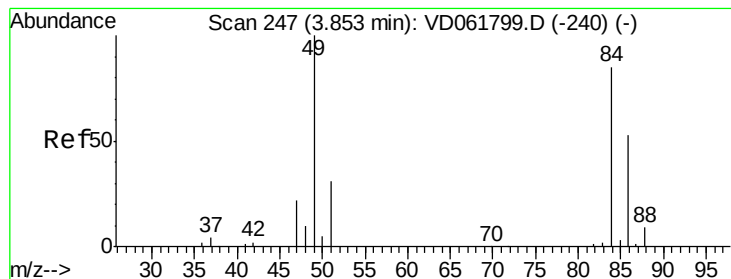
Tot Ion:168 Resp: 492261
Ion Ratio Lower Upper
168 100
99 59.8 46.5 69.7



#16
Acetone
Concen: 40.348 ug/l
RT: 3.21 min Scan# 182
Delta R.T. -0.04 min
Lab File: VD061852.D
Acq: 17 Apr 2019 14:59

Tgt Ion: 43 Resp: 41026
Ion Ratio Lower Upper
43 100
58 22.0 19.9 29.9





#20

Methylene Chloride

Concen: 12.985 ug/l

RT: 3.81 min Scan# 243

Delta R.T. -0.04 min

Lab File: VD061852.D

Acq: 17 Apr 2019 14:59

Instrument :

MSVOA_D

ClientSampleId :

200050

Tot Ion: 84 Resp: 82792

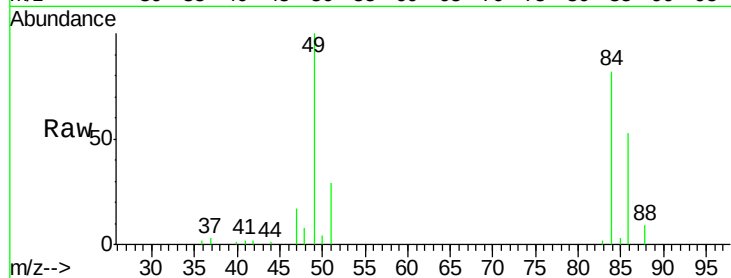
Ion Ratio Lower Upper

84 100

49 121.6 94.0 141.0

51 35.3 29.0 43.4

86 64.6 49.8 74.6

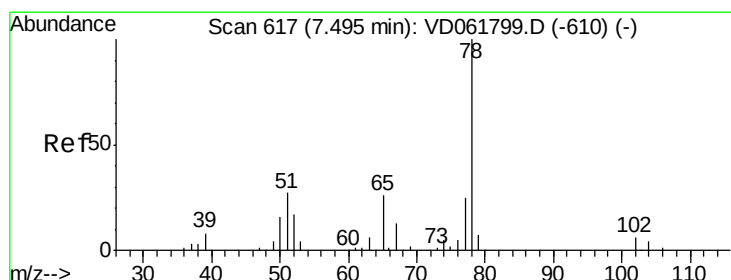
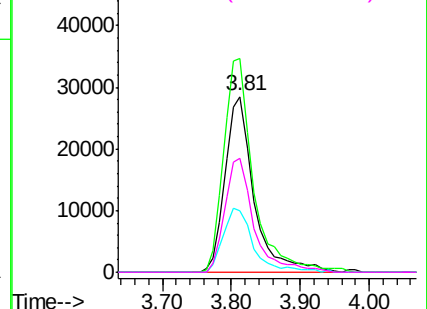
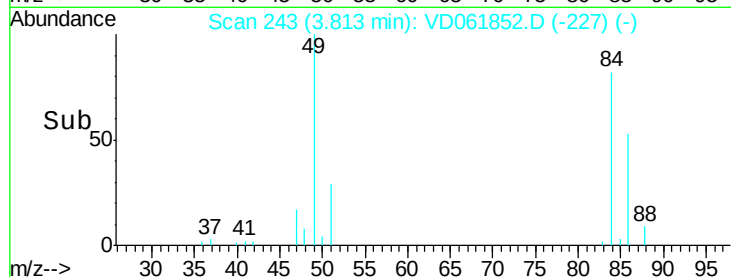


Abundance Ion 83.95 (83.65 to 84.65): VDC

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



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.05 min

Lab File: VD061852.D

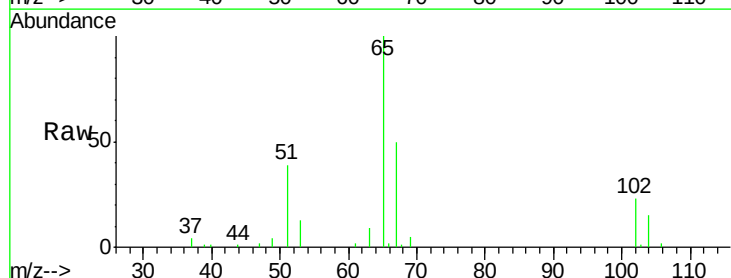
Acq: 17 Apr 2019 14:59

Tgt Ion: 65 Resp: 177154

Ion Ratio Lower Upper

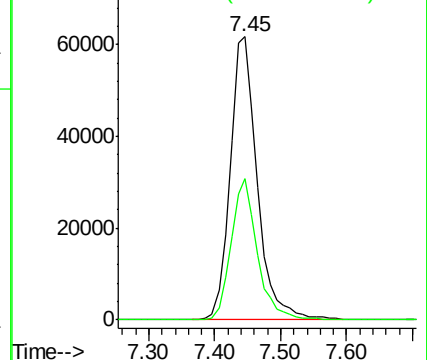
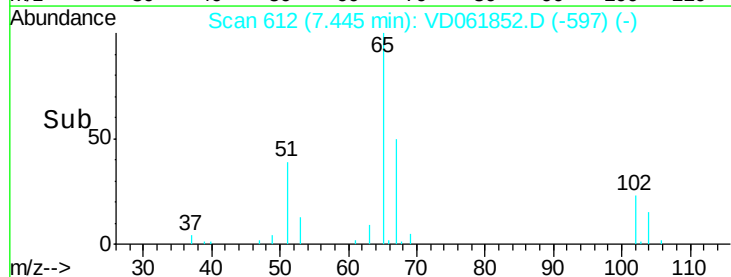
65 100

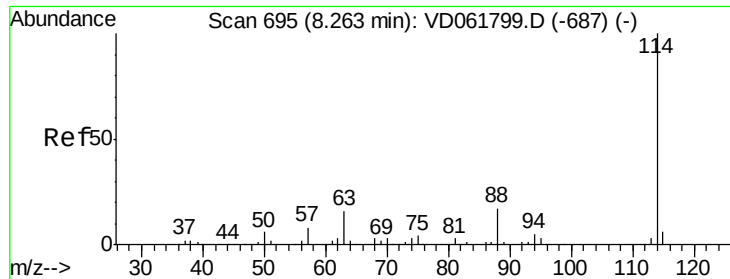
67 49.8 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

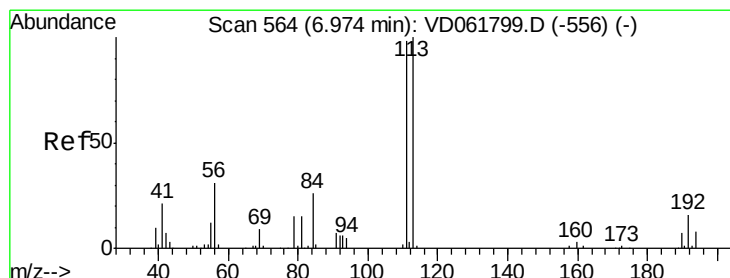
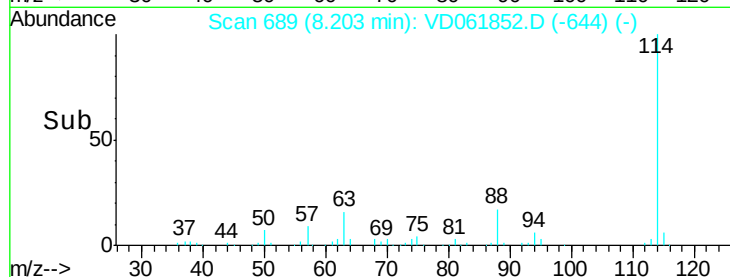
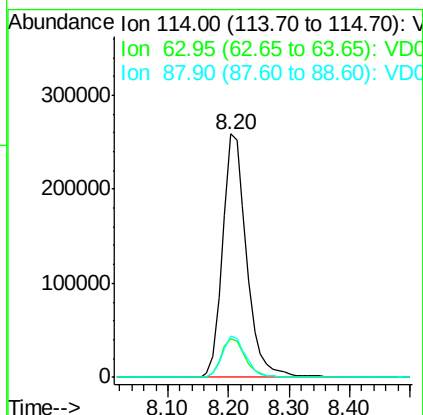
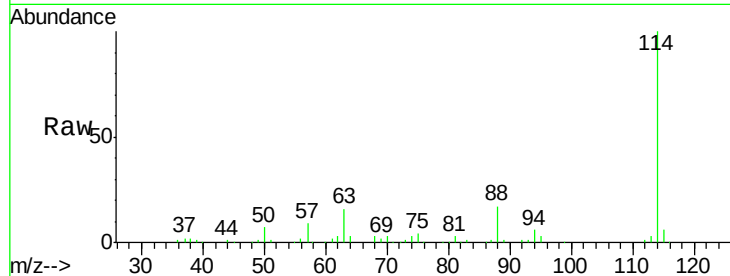




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. -0.06 min
 Lab File: VD061852.D
 Acq: 17 Apr 2019 14:59

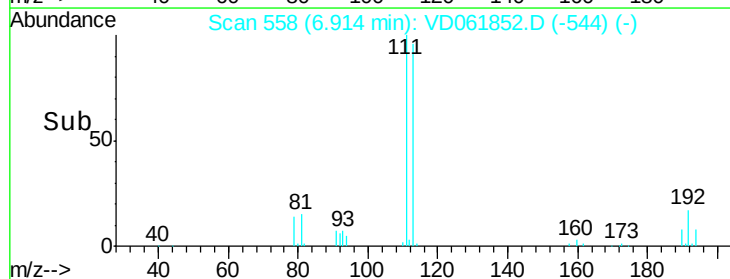
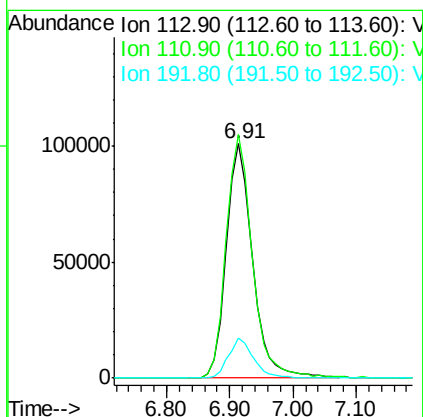
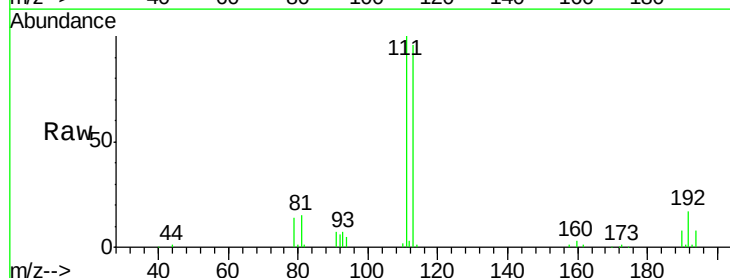
Instrument :
 MSVOA_D
 ClientSampleId :
 200050

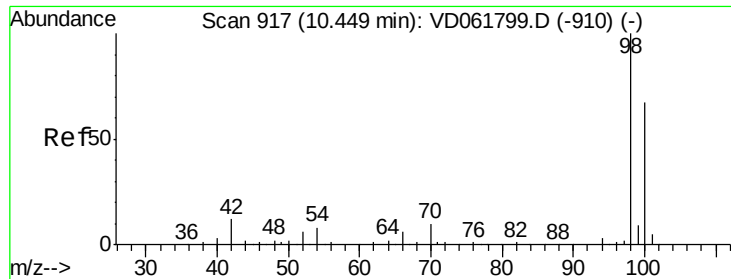
Tot Ion:114 Resp: 711258
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 32.4
 88 17.2 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. -0.06 min
 Lab File: VD061852.D
 Acq: 17 Apr 2019 14:59

Tgt Ion:113 Resp: 291713
 Ion Ratio Lower Upper
 113 100
 111 103.9 78.5 117.7
 192 17.3 13.0 19.4

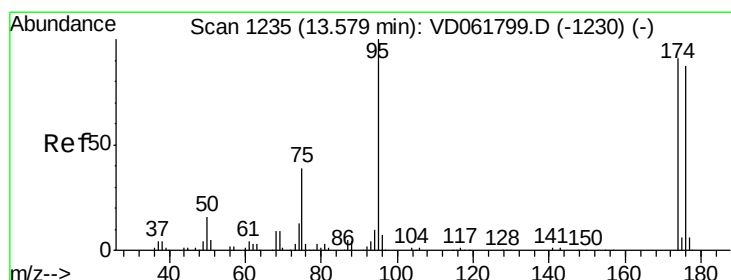
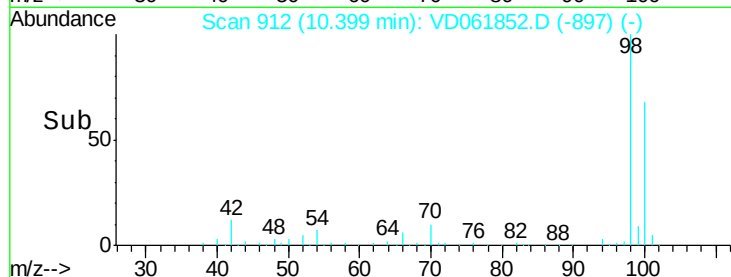
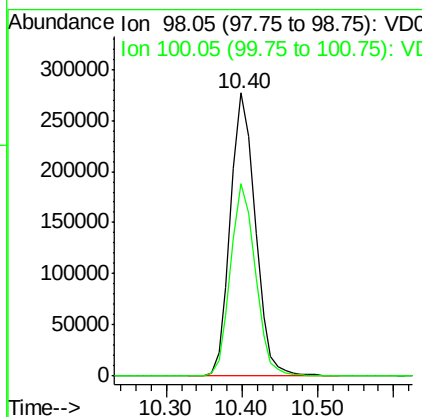
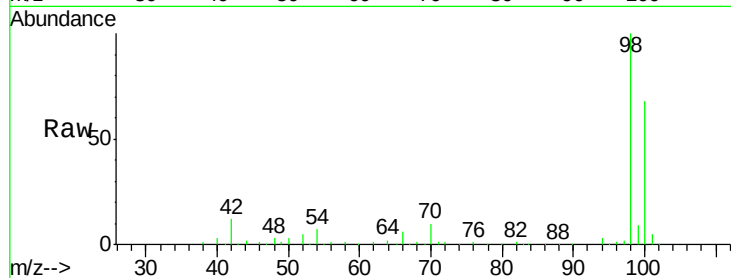




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.05 min
Lab File: VD061852.D
Acq: 17 Apr 2019 14:59

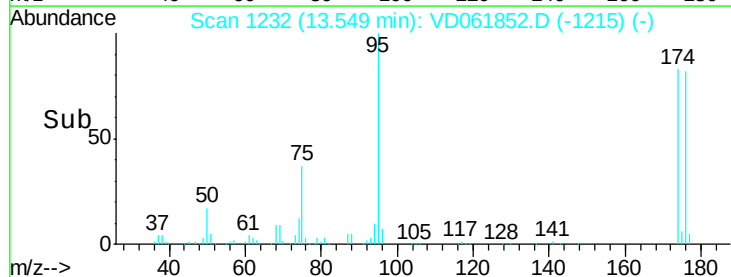
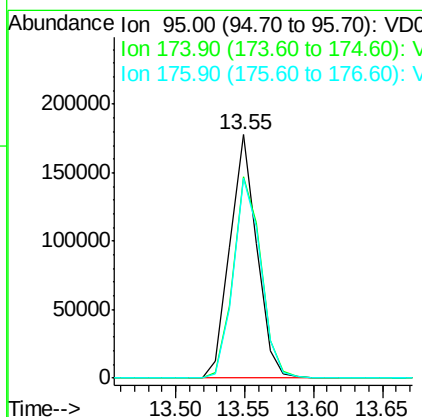
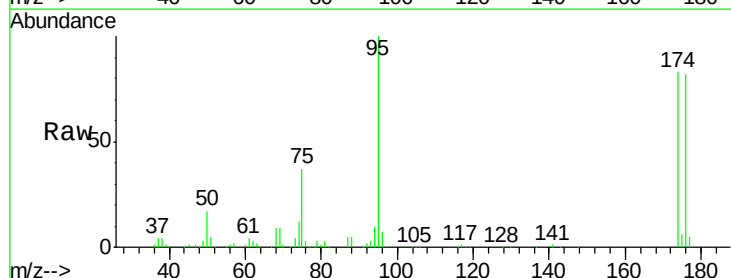
Instrument :
MSVOA_D
ClientSampleId :
200050

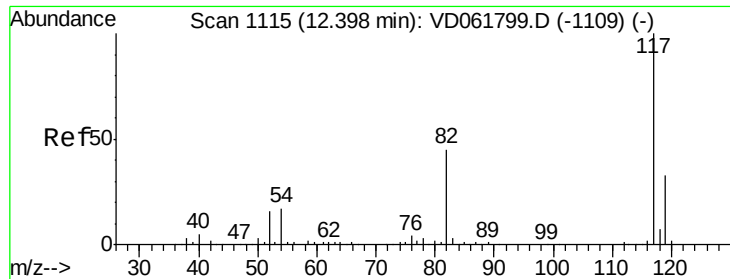
Tot Ion: 98 Resp: 630947
Ion Ratio Lower Upper
98 100
100 68.2 53.8 80.8



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.03 min
Lab File: VD061852.D
Acq: 17 Apr 2019 14:59

Tgt Ion: 95 Resp: 242055
Ion Ratio Lower Upper
95 100
174 82.9 0.0 181.8
176 82.1 0.0 174.4

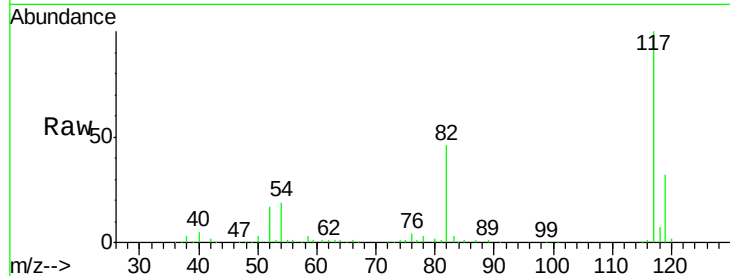




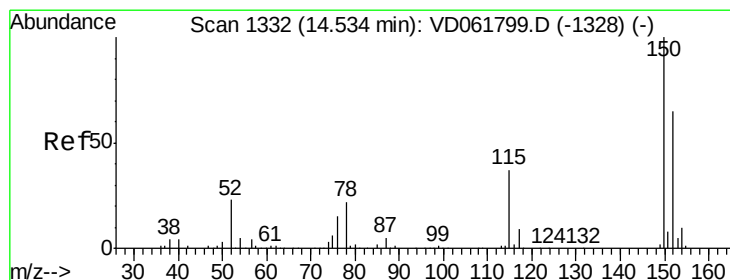
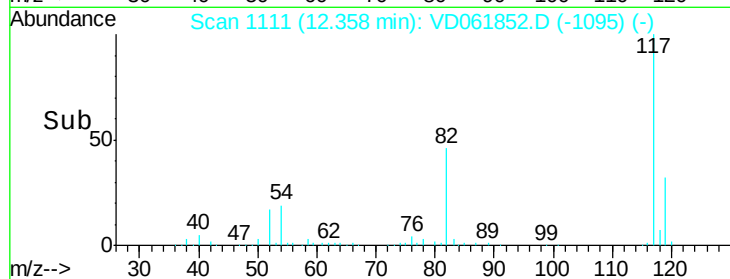
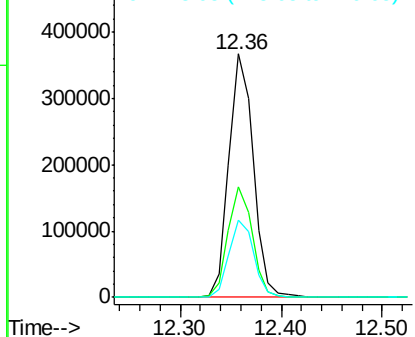
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.04 min
Lab File: VD061852.D
Acq: 17 Apr 2019 14:59

Instrument :
MSVOA_D
ClientSampleId :
200050

Tot Ion:117 Resp: 616318
Ion Ratio Lower Upper
117 100
82 45.6 36.2 54.2
119 31.6 26.2 39.4

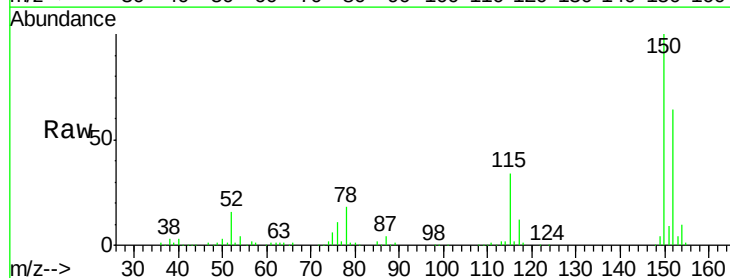


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.02 min
Lab File: VD061852.D
Acq: 17 Apr 2019 14:59

Tgt Ion:152 Resp: 233922
Ion Ratio Lower Upper
152 100
115 52.5 30.9 92.7
150 155.2 0.0 314.8



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

