

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD021220\
 Data File : VD065166.D
 Acq On : 12 Feb 2020 16:45
 Operator : VA/SY
 Sample : L1510-01RE
 Misc : 7.78G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1RE

Quant Time: Feb 13 07:10:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

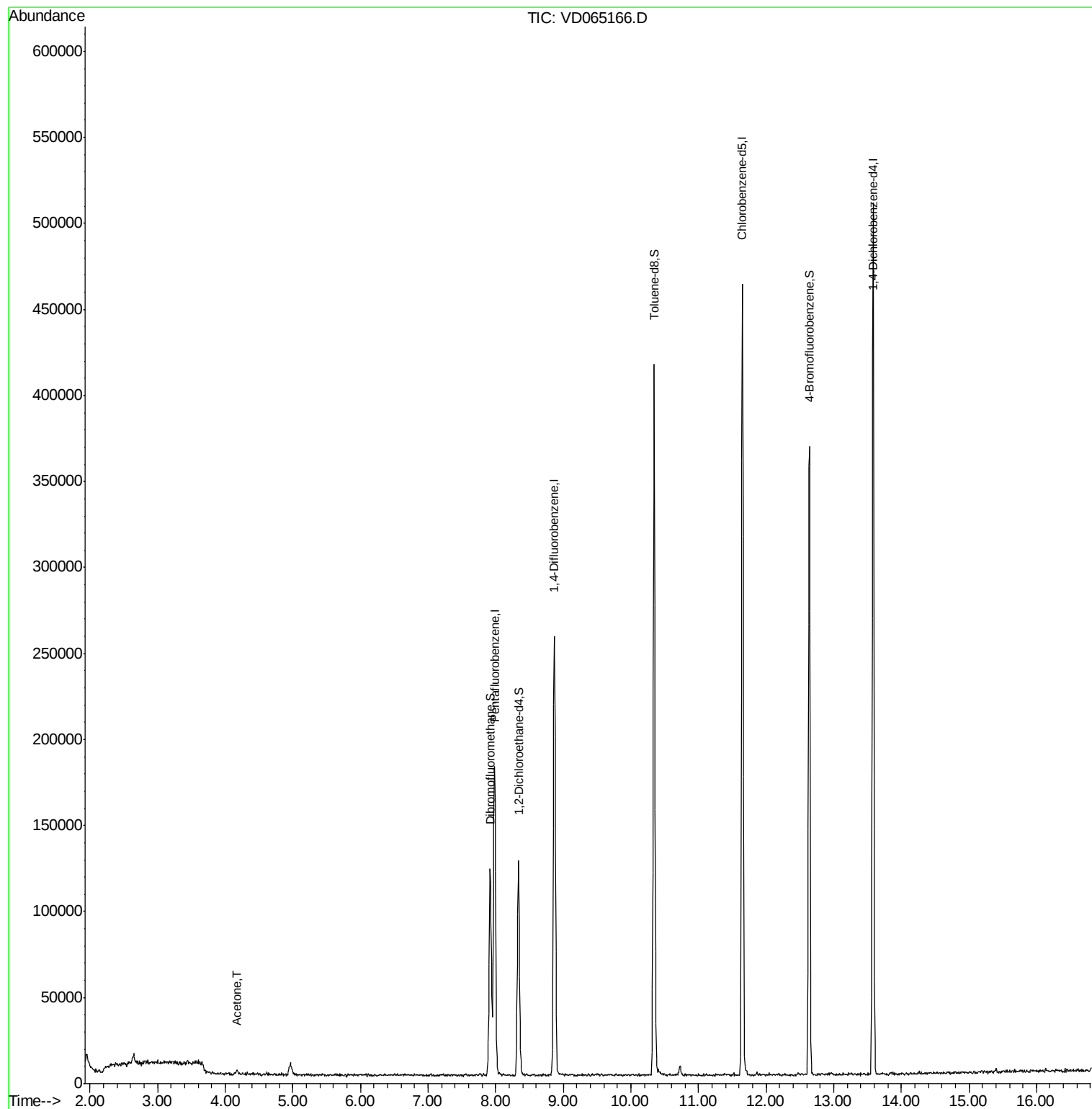
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	139113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	219328	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	263464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	135124	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	99694	84.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	168.64%	
35) Dibromofluoromethane	7.92	113	85361	69.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	139.52%	
50) Toluene-d8	10.34	98	279311	57.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.68%	
62) 4-Bromofluorobenzene	12.64	95	113824	73.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	147.50%	
Target Compounds						
16) Acetone	4.16	43	4162	14.080	ug/l	Qvalue 96

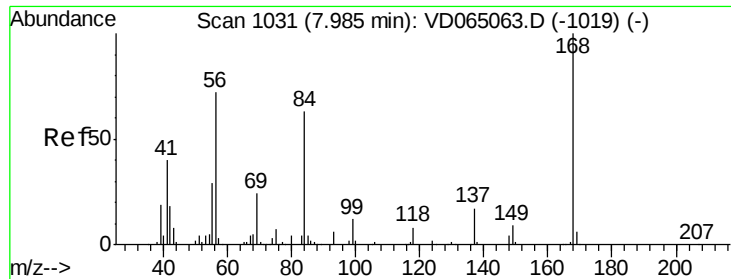
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065166.D

Acq: 12 Feb 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

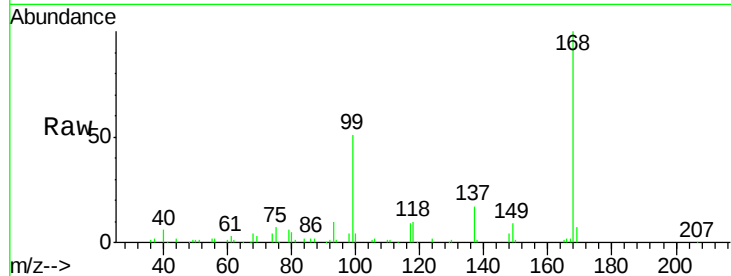
TP-1RE

Tot Ion:168 Resp: 139113

Ion Ratio Lower Upper

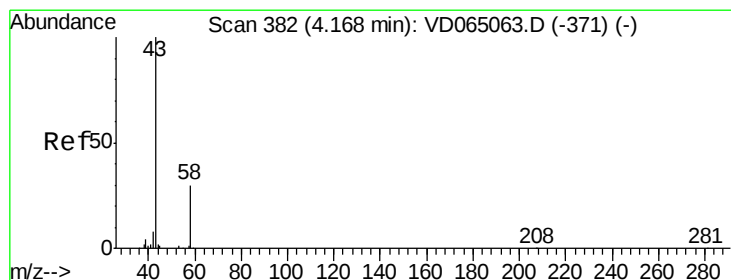
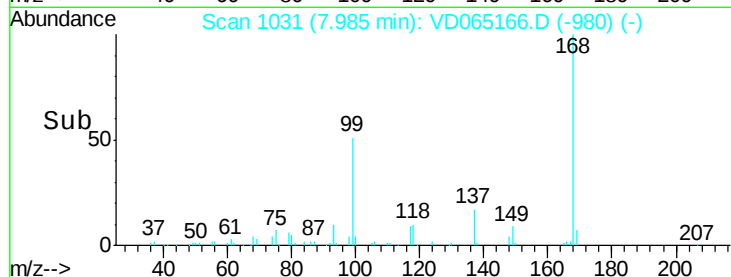
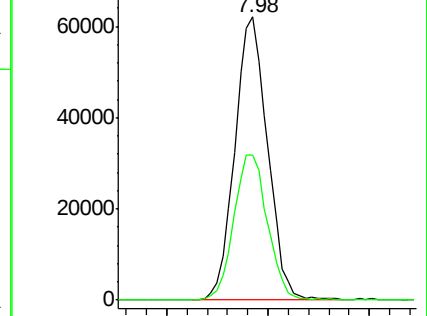
168 100

99 51.3 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 14.080 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065166.D

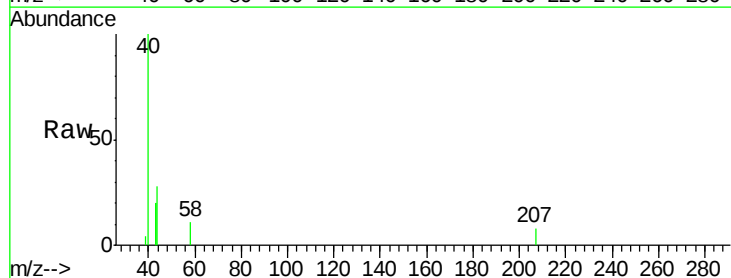
Acq: 12 Feb 2020 16:45

Tgt Ion: 43 Resp: 4162

Ion Ratio Lower Upper

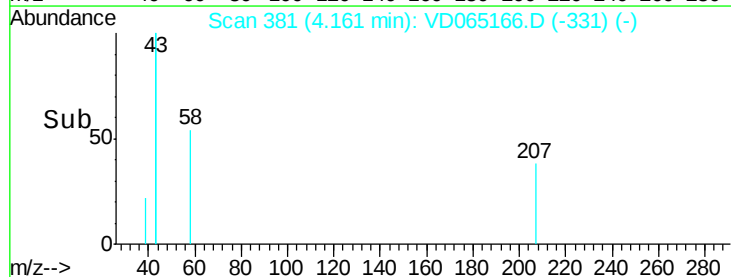
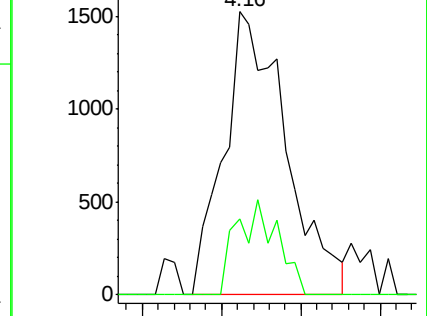
43 100

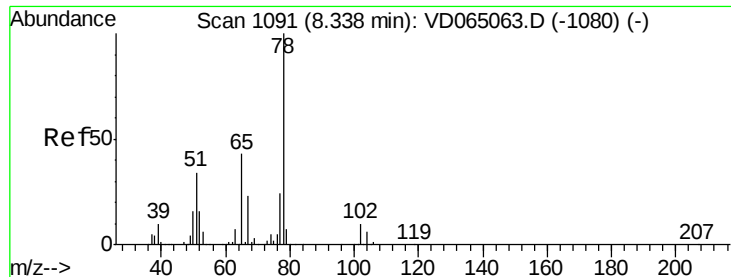
58 27.0 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 84.319 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065166.D

Acq: 12 Feb 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

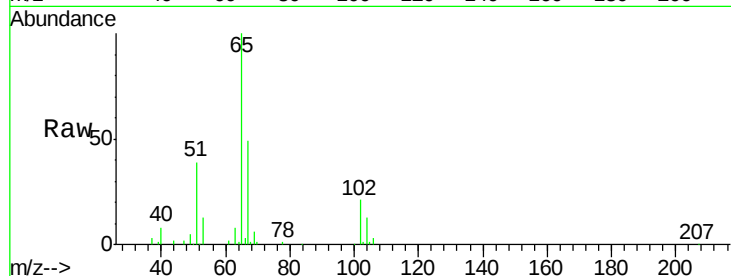
TP-1RE

Tot Ion: 65 Resp: 99694

Ion Ratio Lower Upper

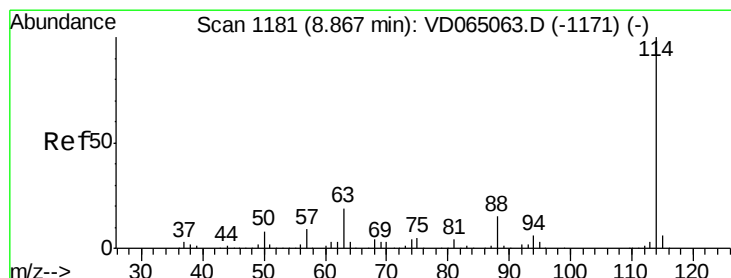
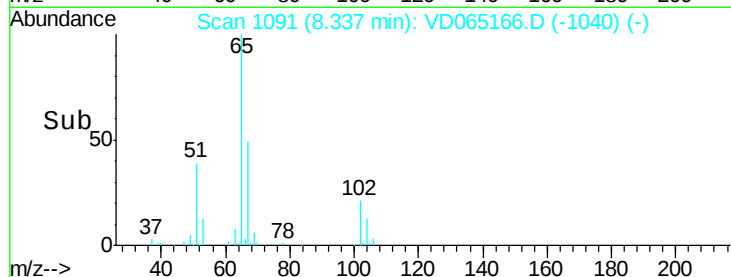
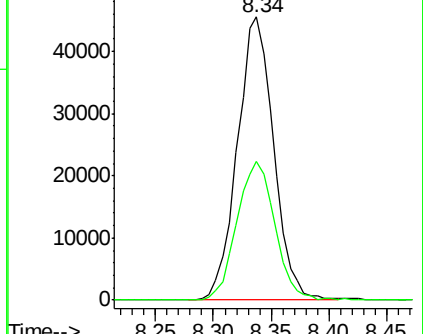
65 100

67 50.9 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD065166.D

Acq: 12 Feb 2020 16:45

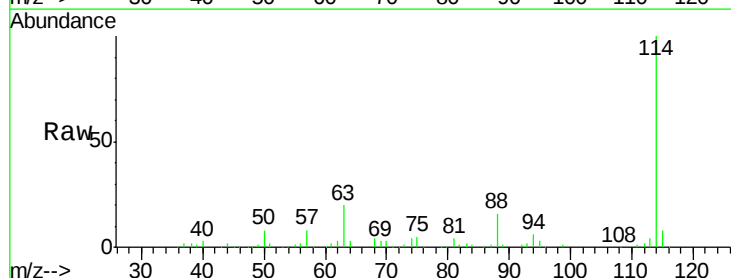
Tgt Ion: 114 Resp: 219328

Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.8

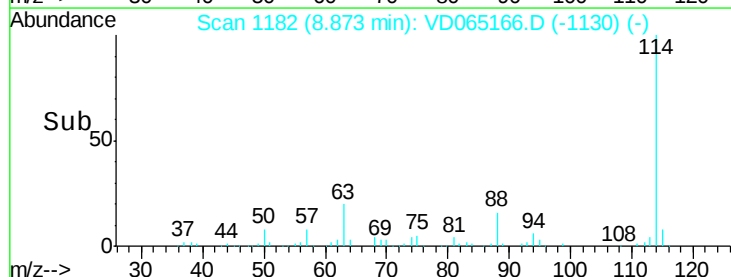
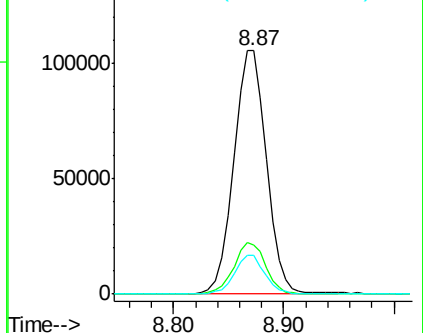
88 16.1 0.0 29.6

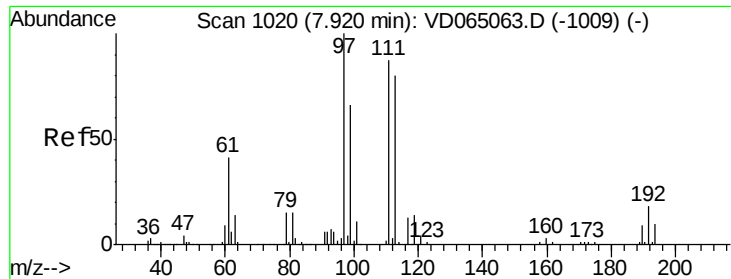


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

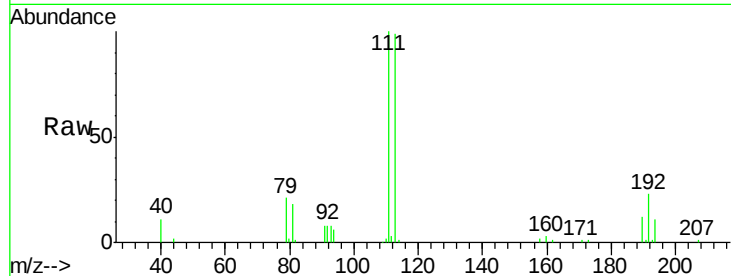




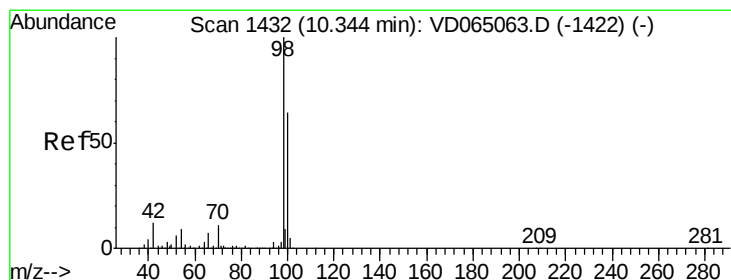
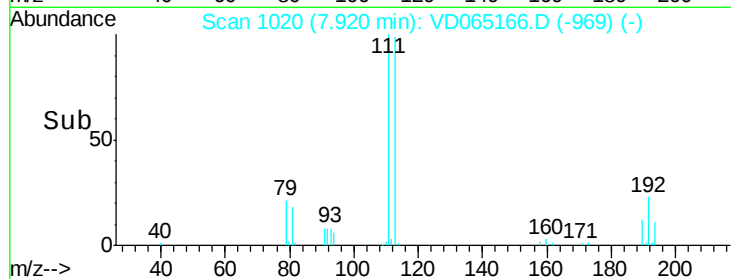
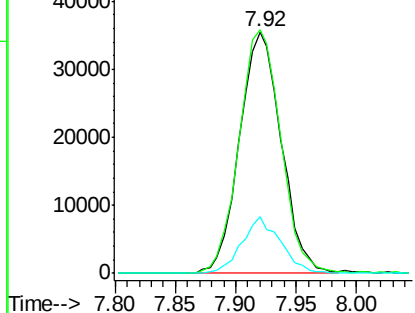
#35
 Dibromofluoromethane
 Concen: 69.756 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065166.D
 Acq: 12 Feb 2020 16:45

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1RE

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	83.1	124.7
192	21.7	18.1	27.1

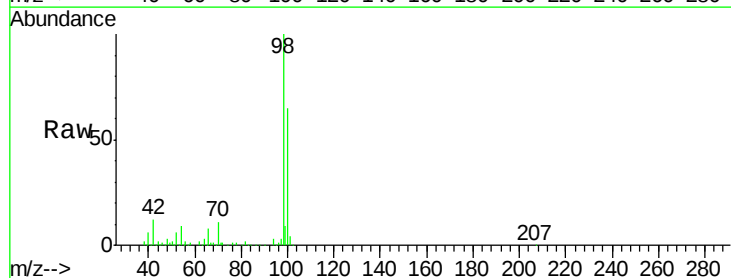


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

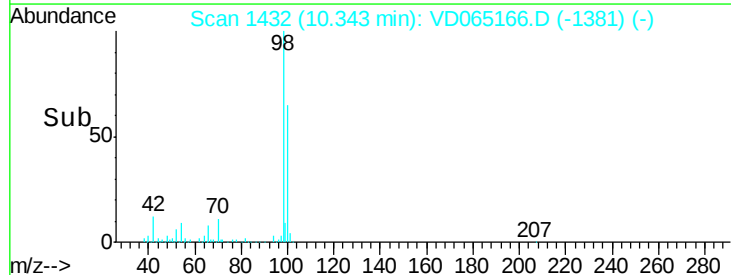
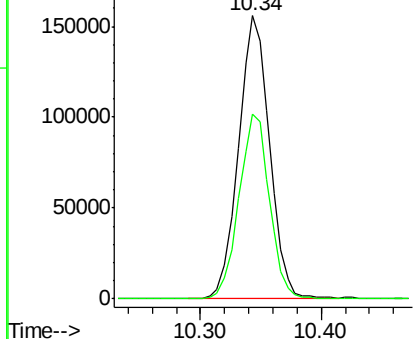


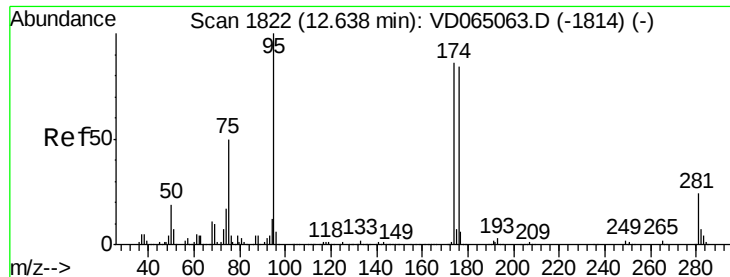
#50
 Toluene-d8
 Concen: 57.345 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD065166.D
 Acq: 12 Feb 2020 16:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.1	78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC

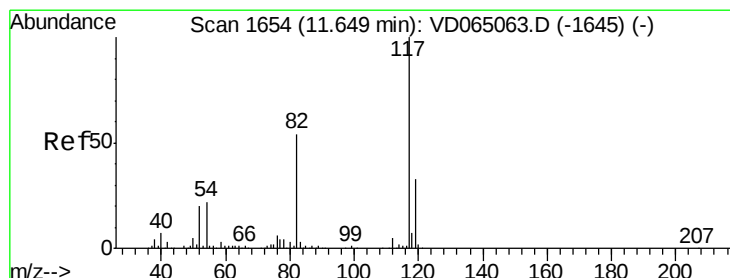
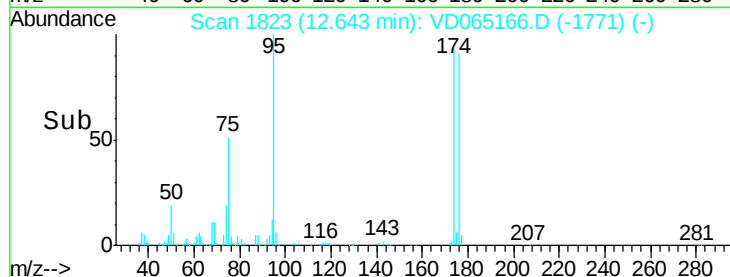
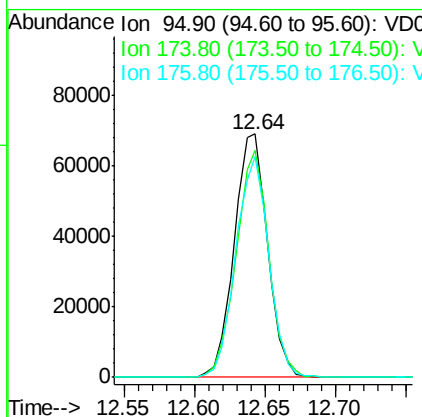
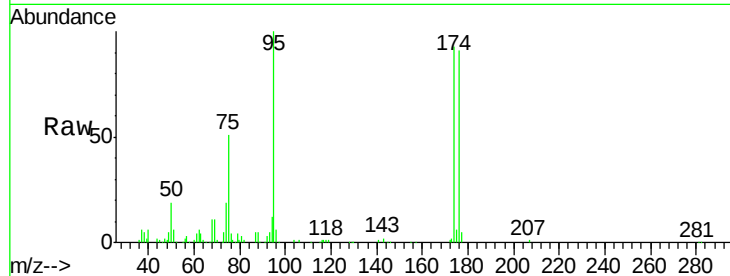




#62
4-Bromofluorobenzene
Concen: 73.751 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065166.D
Acq: 12 Feb 2020 16:45

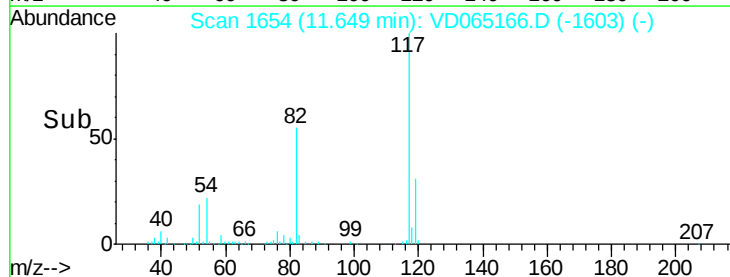
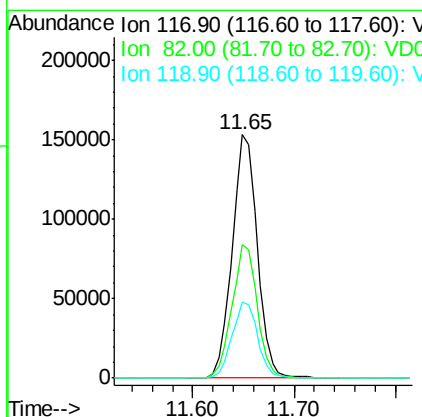
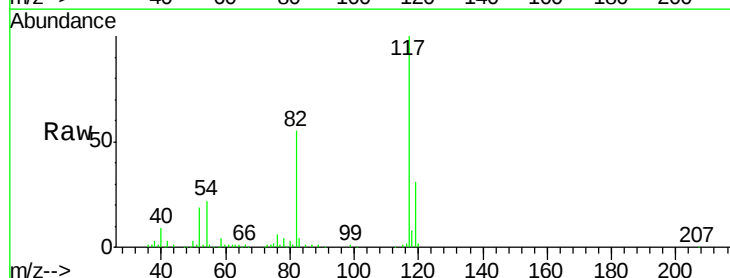
Instrument :
MSVOA_D
ClientSampleId :
TP-1RE

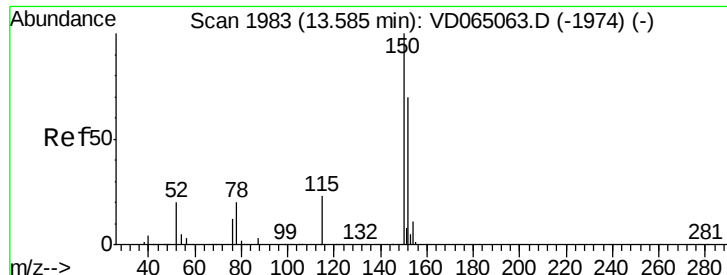
Tot Ion: 95 Resp: 113824
Ion Ratio Lower Upper
95 100
174 91.7 0.0 180.0
176 89.8 0.0 173.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065166.D
Acq: 12 Feb 2020 16:45

Tgt Ion: 117 Resp: 263464
Ion Ratio Lower Upper
117 100
82 54.8 43.1 64.7
119 31.3 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065166.D

Acq: 12 Feb 2020 16:45

Instrument :

MSVOA_D

ClientSampleId :

TP-1RE

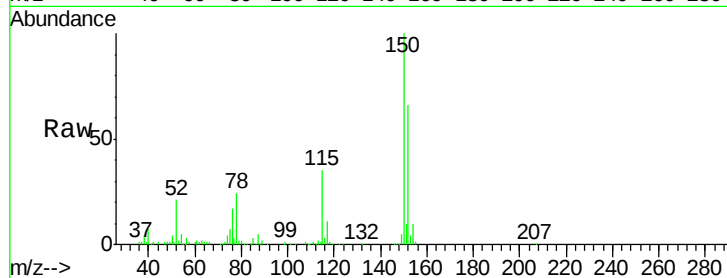
Tot Ion:152 Resp: 135124

Ion Ratio Lower Upper

152 100

115 55.8 27.5 82.4

150 158.8 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

