

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032720\
 Data File : VD065548.D
 Acq On : 27 Mar 2020 17:09
 Operator : VA/SY
 Sample : L2040-07RE
 Misc : 6.49G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-11986RE

Quant Time: Mar 30 07:52:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 01:47:48 2020
 Response via : Initial Calibration

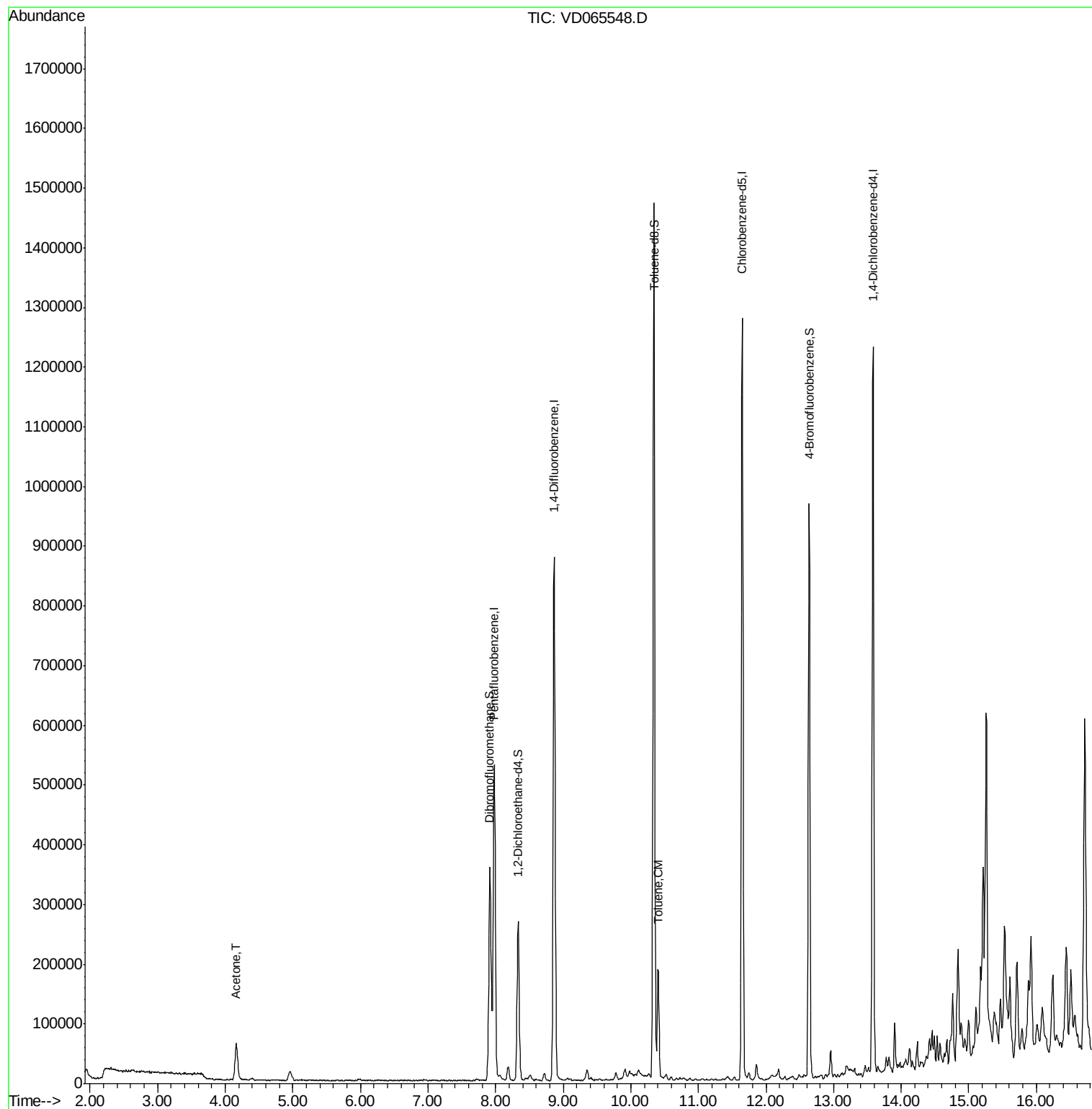
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	410368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	774830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	756467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	348009	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	208125	60.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.86%	
35) Dibromofluoromethane	7.91	113	252612	52.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.64%	
50) Toluene-d8	10.34	98	1012439	56.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.78%	
62) 4-Bromofluorobenzene	12.64	95	310060	54.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.82%	
Target Compounds						
16) Acetone	4.16	43	109706	170.204	ug/l	96
52) Toluene	10.41	92	76268	5.962	ug/l	95

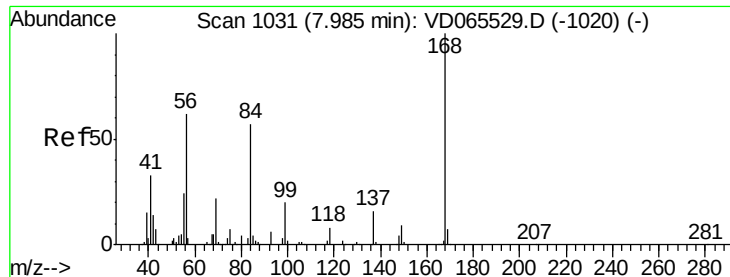
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065548.D

Acq: 27 Mar 2020 17:09

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MSVOA_D

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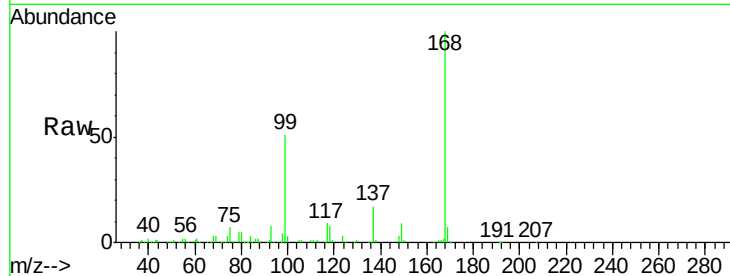
RO-11986RE

Tot Ion:168 Resp: 410368

Ion Ratio Lower Upper

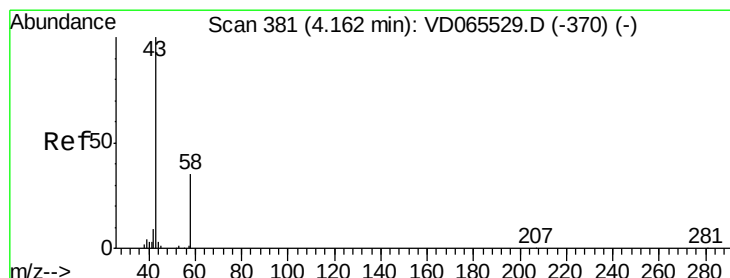
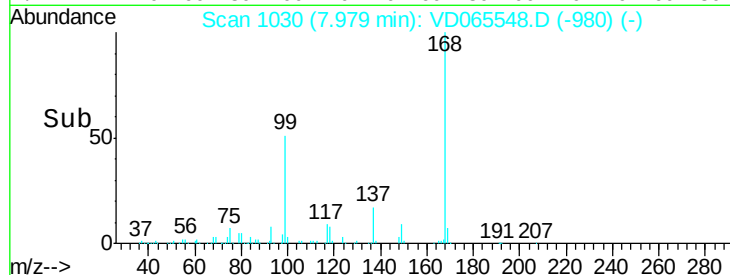
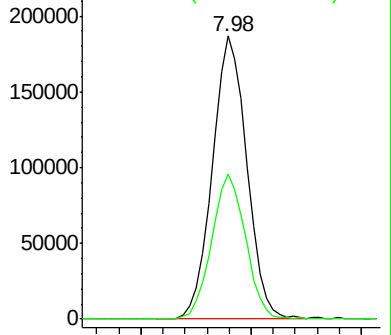
168 100

99 51.1 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 170.204 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.00 min

Lab File: VD065548.D

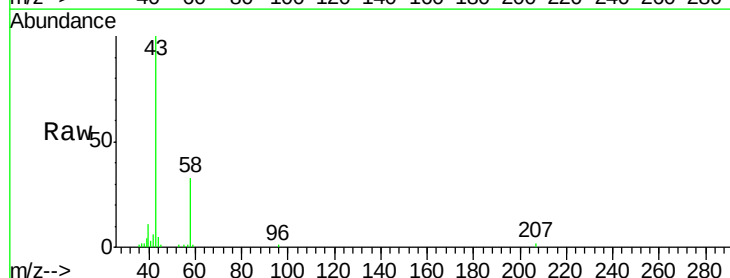
Acq: 27 Mar 2020 17:09

Tgt Ion: 43 Resp: 109706

Ion Ratio Lower Upper

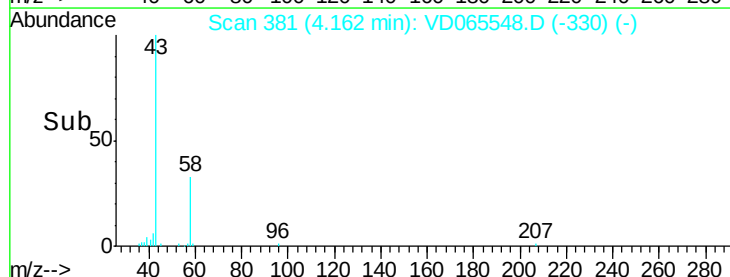
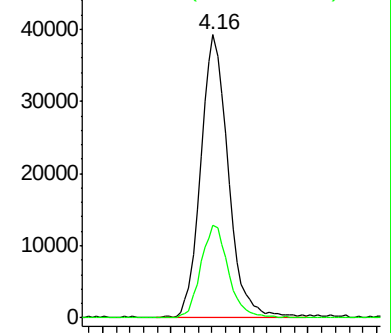
43 100

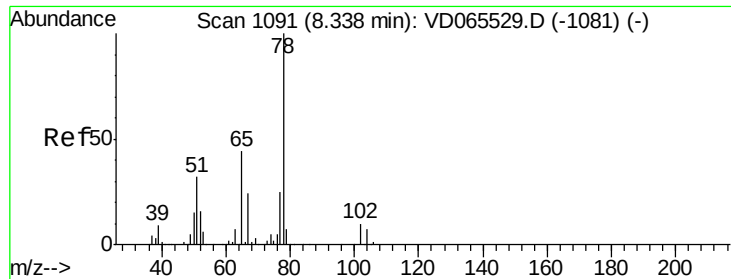
58 32.5 27.9 41.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

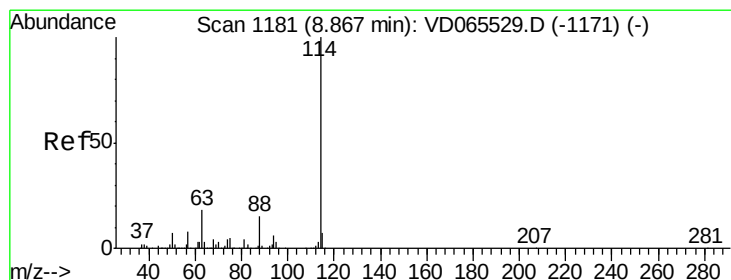
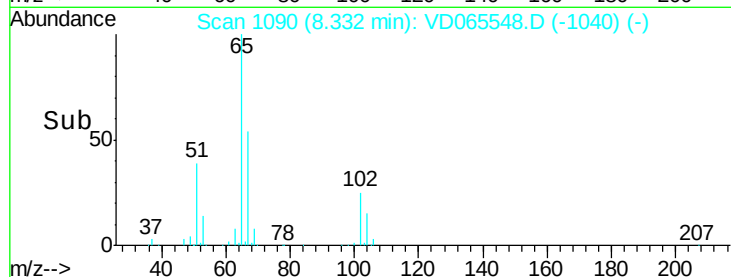
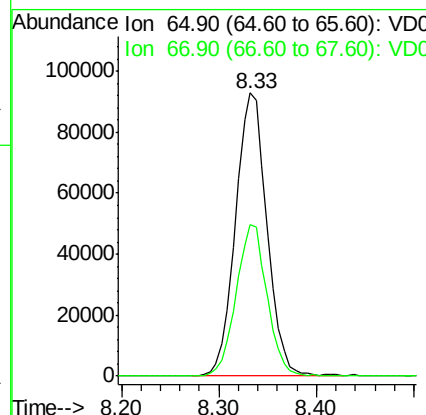
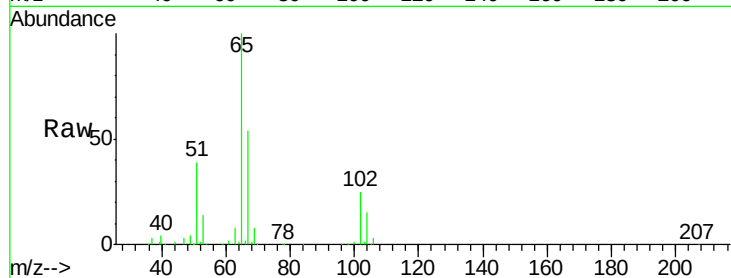




#33
 1,2-Dichloroethane-d4
 Concen: 60.926 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD065548.D
 Acq: 27 Mar 2020 17:09

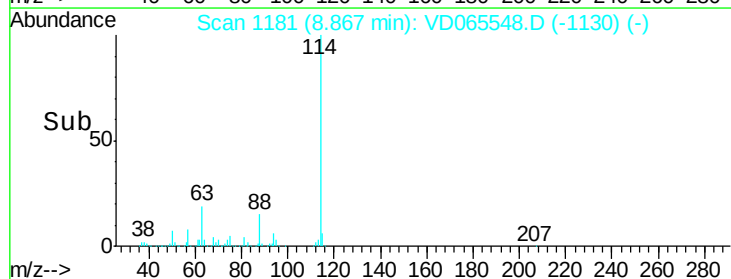
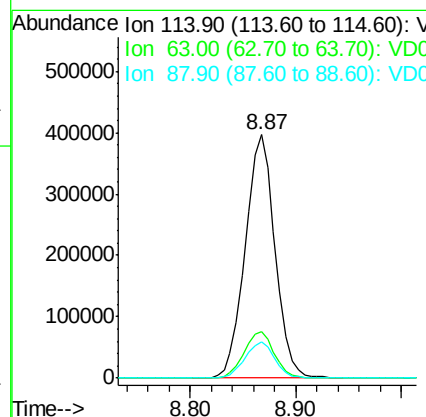
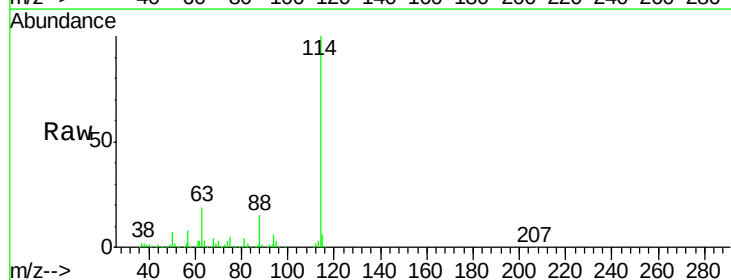
Instrument :
 MSVOA_D
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 RO-11986RE

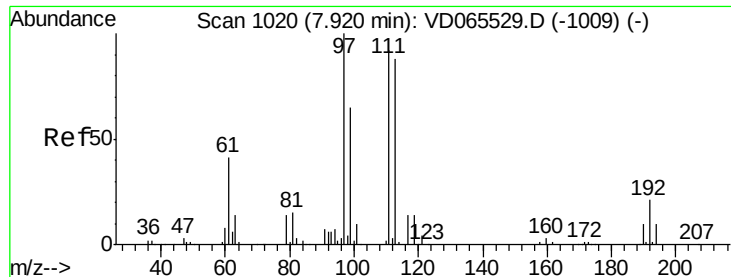
Tot Ion: 65 Resp: 208125
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065548.D
 Acq: 27 Mar 2020 17:09

Tgt Ion: 114 Resp: 774830
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.0
 88 14.9 0.0 30.4

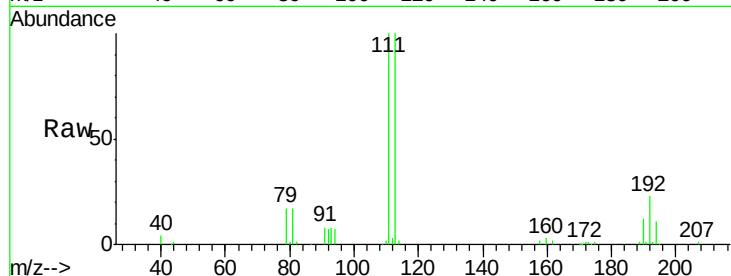




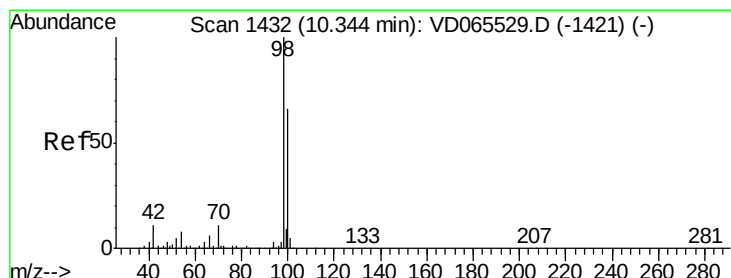
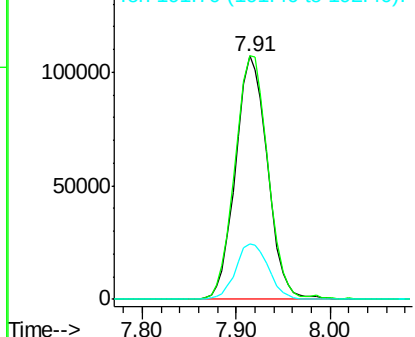
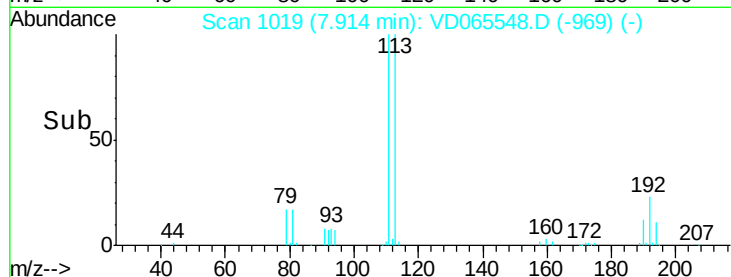
#35
 Dibromofluoromethane
 Concen: 52.819 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065548.D
 Acq: 27 Mar 2020 17:09

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-11986RE

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.3	124.9
192	23.5	18.5	27.7

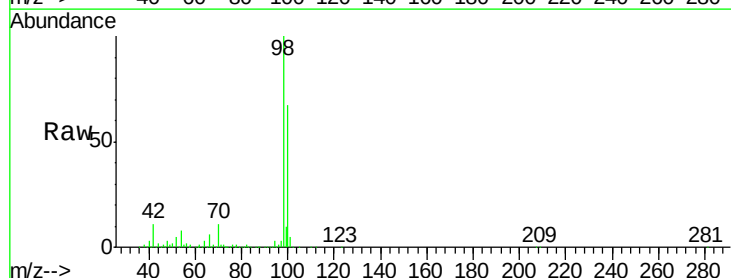


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

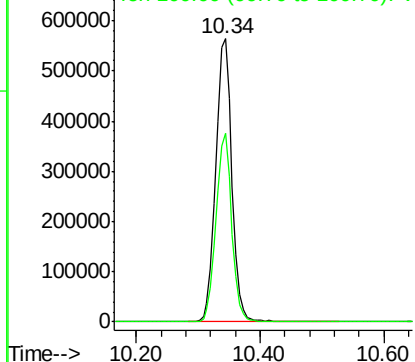
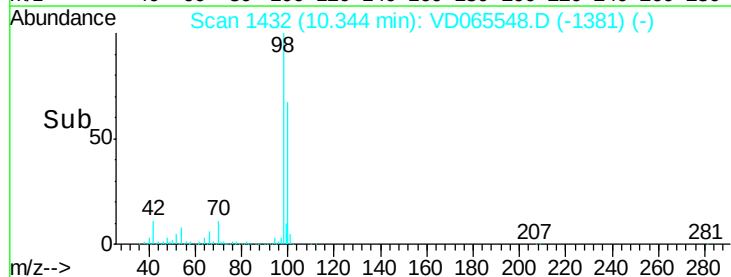


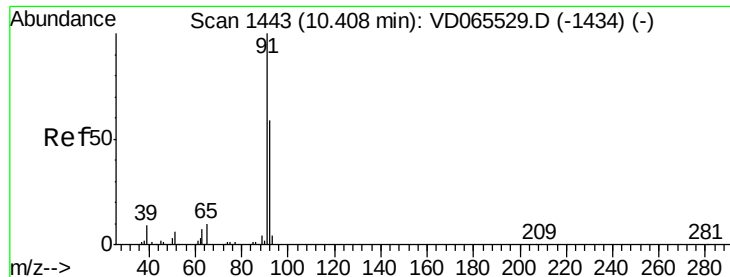
#50
 Toluene-d8
 Concen: 56.387 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD065548.D
 Acq: 27 Mar 2020 17:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.2



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





#52

Toluene

Concen: 5.962 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD065548.D

Acq: 27 Mar 2020 17:09

Instrument :

MSVOA_D

ClientSampleId :

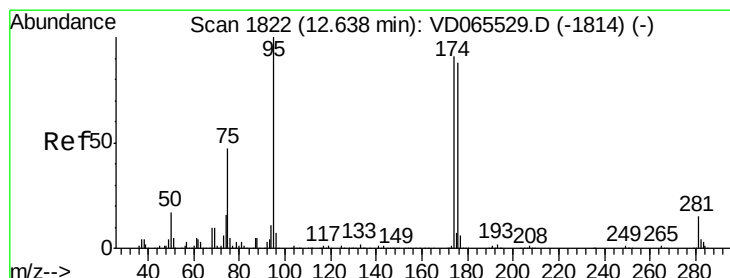
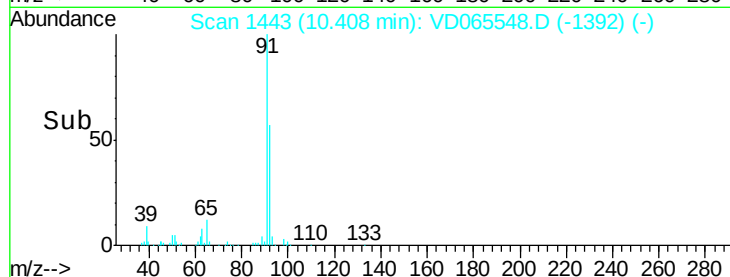
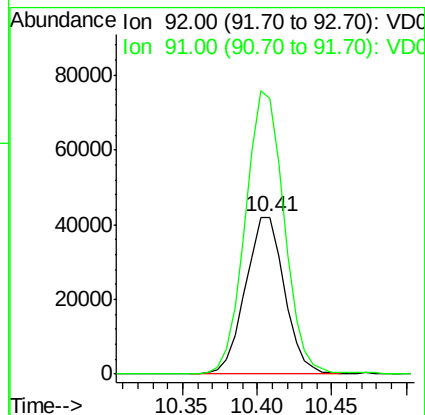
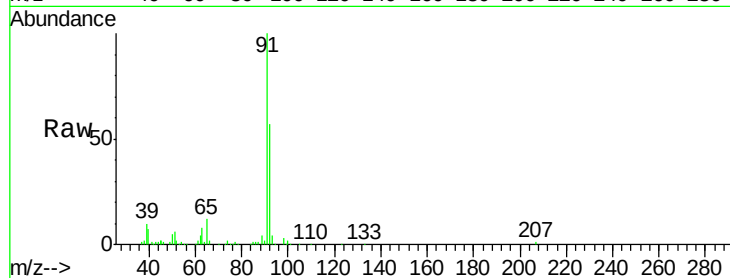
RO-11986RE

Tot Ion: 92 Resp: 76268

Ion Ratio Lower Upper

92 100

91 178.6 137.3 205.9



#62

4-Bromofluorobenzene

Concen: 54.408 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065548.D

Acq: 27 Mar 2020 17:09

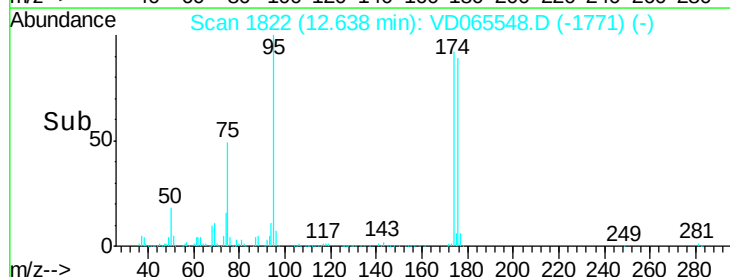
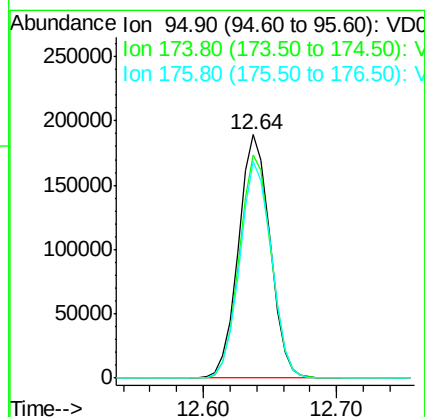
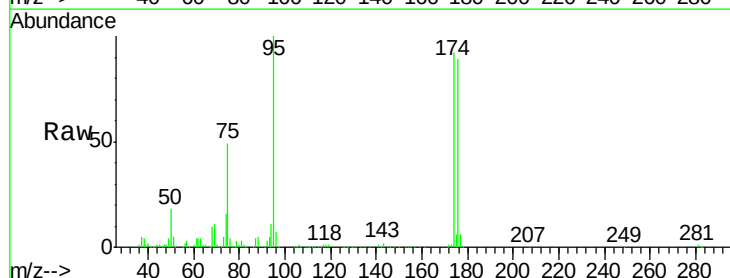
Tgt Ion: 95 Resp: 310060

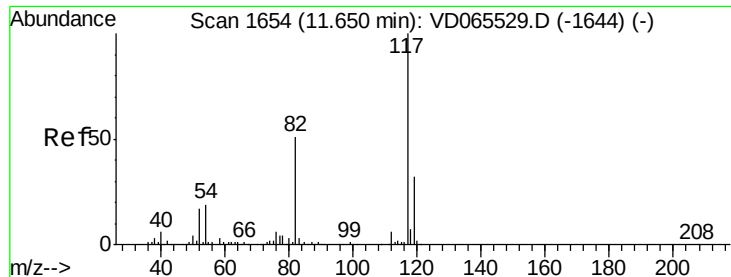
Ion Ratio Lower Upper

95 100

174 92.3 0.0 183.8

176 89.1 0.0 178.2

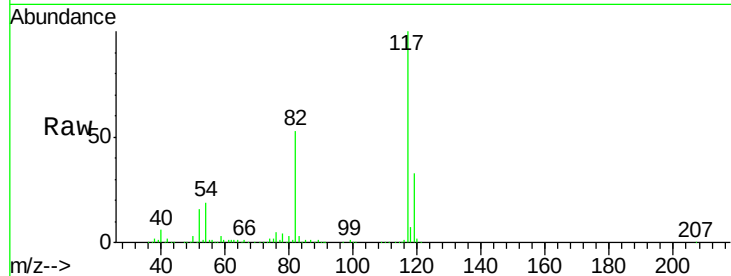




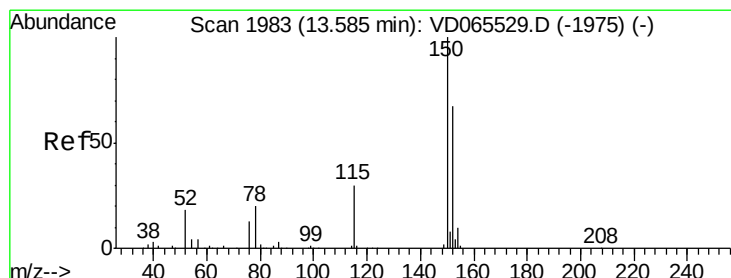
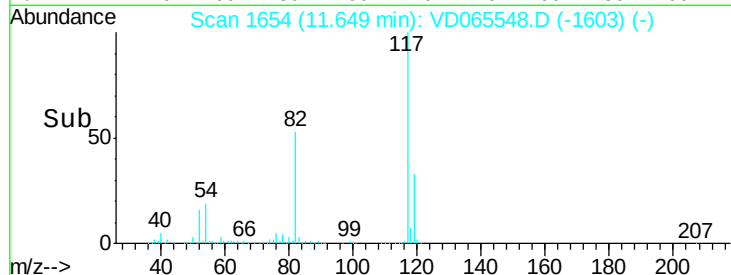
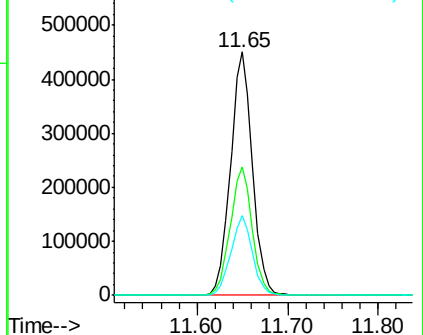
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065548.D
Acq: 27 Mar 2020 17:09

Instrument :
MSVOA_D
ClientSampleId :
RO-11986RE

Tot Ion:117 Resp: 756467
Ion Ratio Lower Upper
117 100
82 52.6 41.0 61.6
119 32.7 25.5 38.3

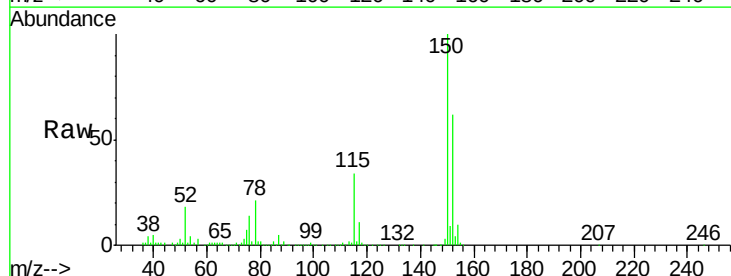


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065548.D
Acq: 27 Mar 2020 17:09

Tgt Ion:152 Resp: 348009
Ion Ratio Lower Upper
152 100
115 55.2 27.2 81.6
150 156.8 0.0 340.2



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

