

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061920\
 Data File : VD065835.D
 Acq On : 19 Jun 2020 18:14
 Operator : VA/SY
 Sample : L3024-19RE
 Misc : 6.54G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-17RE

Quant Time: Jun 20 02:41:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

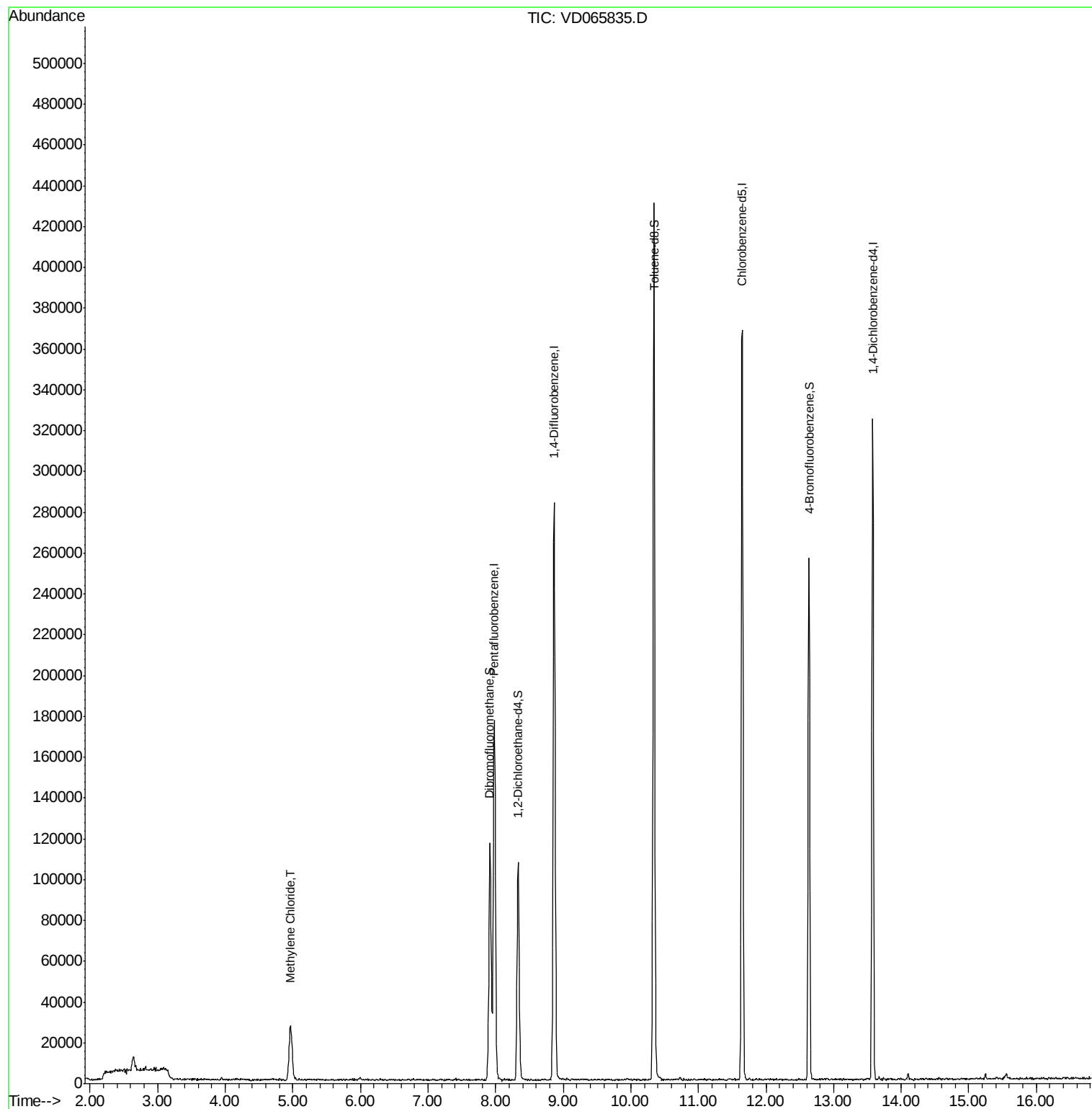
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	125938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	231440	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	202191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	76920	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	83110	66.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.58%	
35) Dibromofluoromethane	7.91	113	79502	54.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.76%	
50) Toluene-d8	10.34	98	280100	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
62) 4-Bromofluorobenzene	12.64	95	76684	41.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.96%	
Target Compounds						
20) Methylene Chloride	4.97	84	19688	12.452	ug/l	Qvalue 93

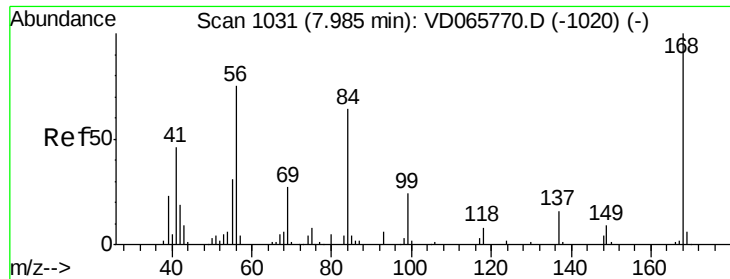
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065835.D

Acq: 19 Jun 2020 18:14

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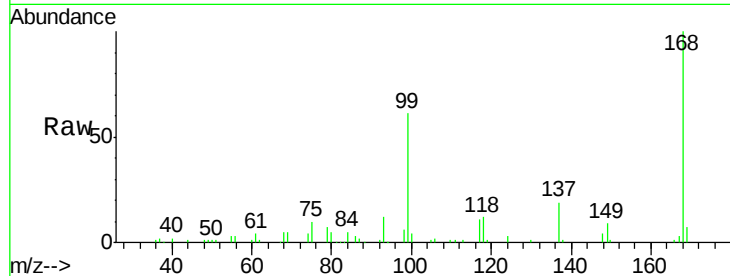
RO-17RE

Tot Ion:168 Resp: 125938

Ion Ratio Lower Upper

168 100

99 61.1 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

60000

50000

40000

30000

20000

10000

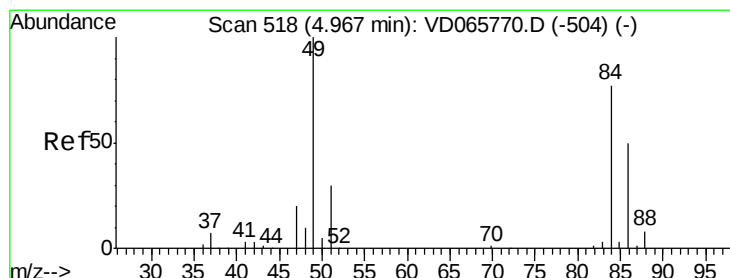
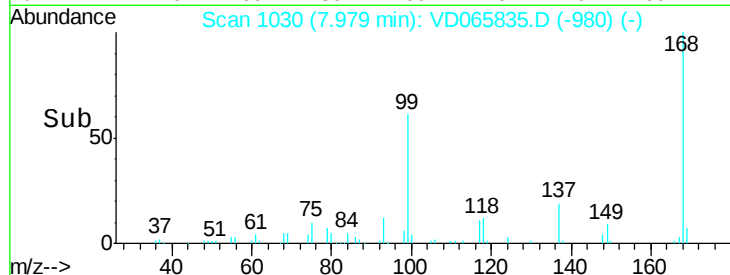
0

Time-->

7.90

8.00

8.10



#20

Methylene Chloride

Concen: 12.452 ug/l

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD065835.D

Acq: 19 Jun 2020 18:14

Tgt Ion: 84 Resp: 19688

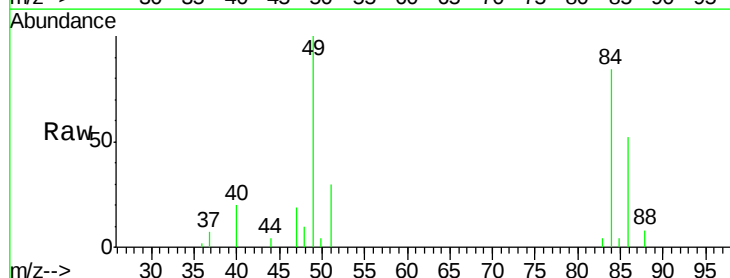
Ion Ratio Lower Upper

84 100

49 118.9 103.4 155.0

51 35.6 31.4 47.2

86 62.4 51.7 77.5



Abundance Ion 83.90 (83.60 to 84.60): 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

4.97

10000

5000

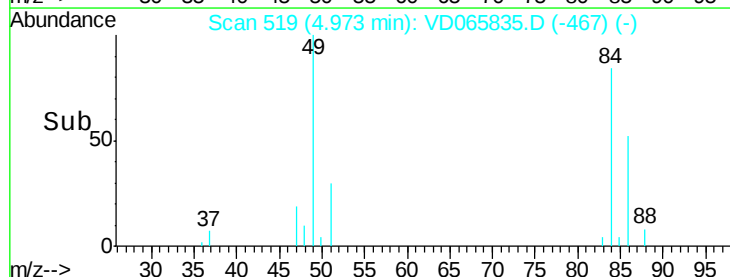
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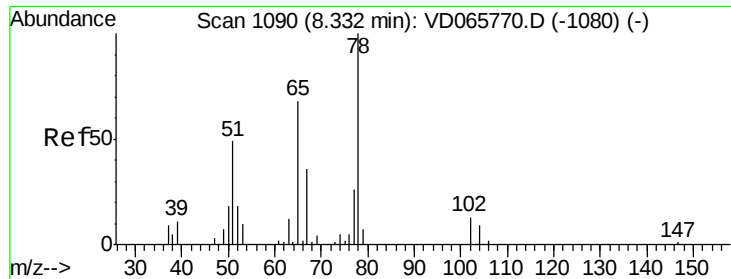
Time-->

4.90

5.00

5.10

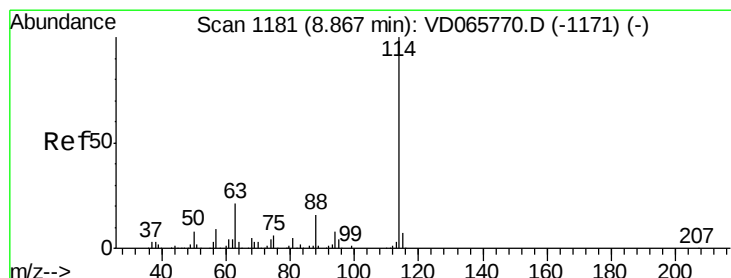
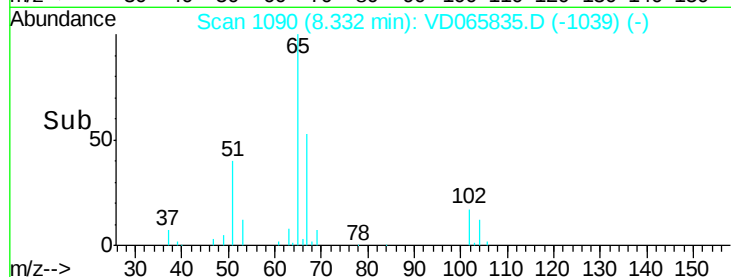
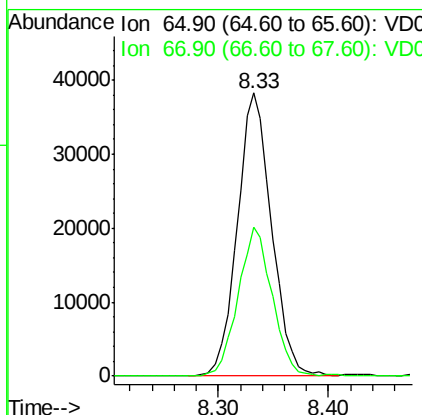
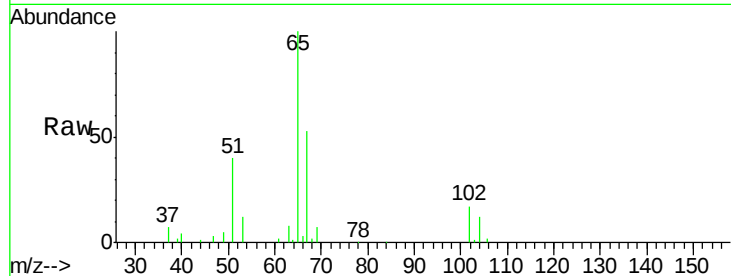




#33
 1,2-Dichloroethane-d4
 Concen: 66.785 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065835.D
 Acq: 19 Jun 2020 18:14

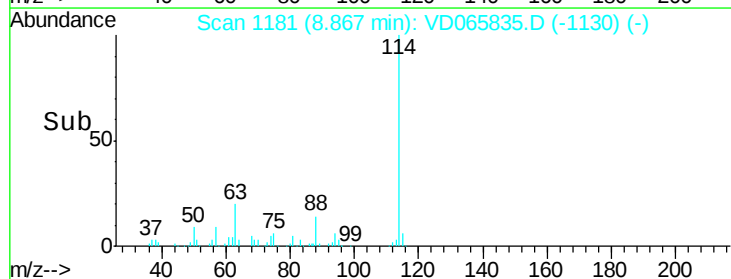
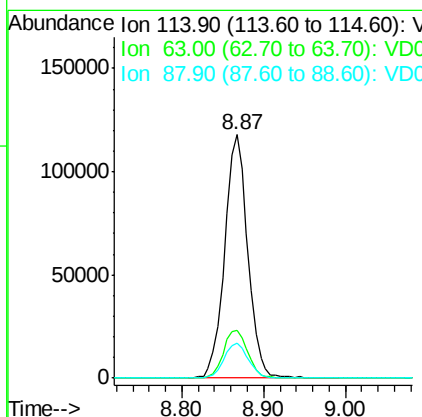
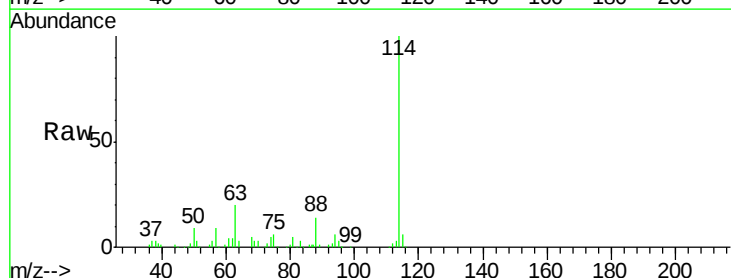
Instrument :
 MSVOA_D
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 RO-17RE

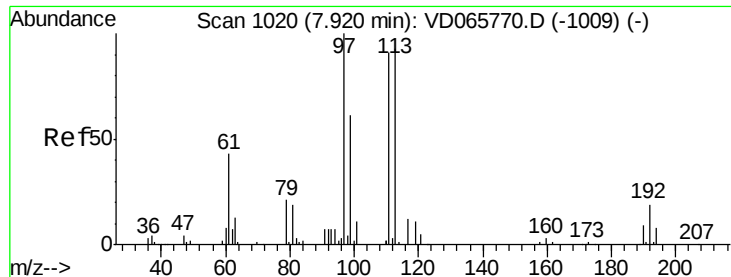
Tot Ion: 65 Resp: 83110
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065835.D
 Acq: 19 Jun 2020 18:14

Tgt Ion: 114 Resp: 231440
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.8
 88 14.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 54.382 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD065835.D

Acq: 19 Jun 2020 18:14

Instrument :

MSVOA_D

ClientSampleId :

RO-17RE

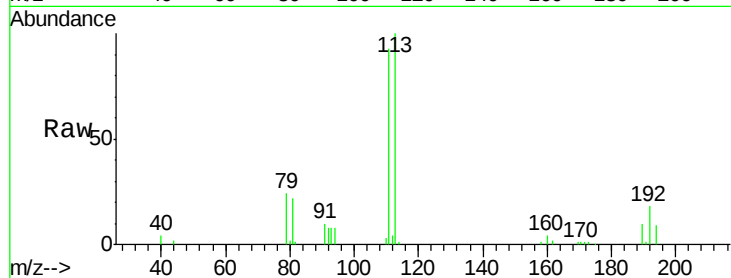
Tot Ion:113 Resp: 79502

Ion Ratio Lower Upper

113 100

111 102.7 83.4 125.0

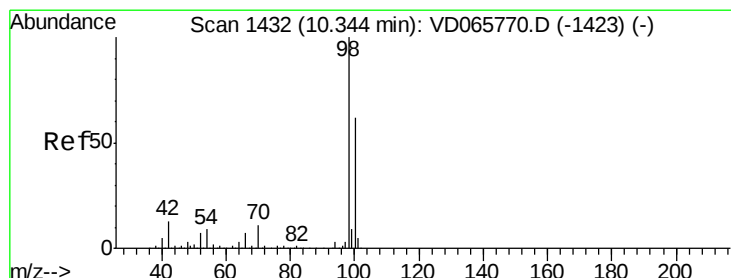
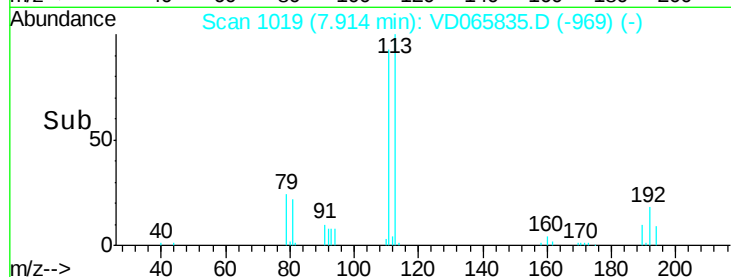
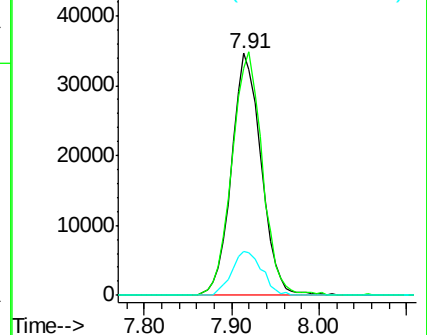
192 18.4 15.7 23.5



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: 51.382 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065835.D

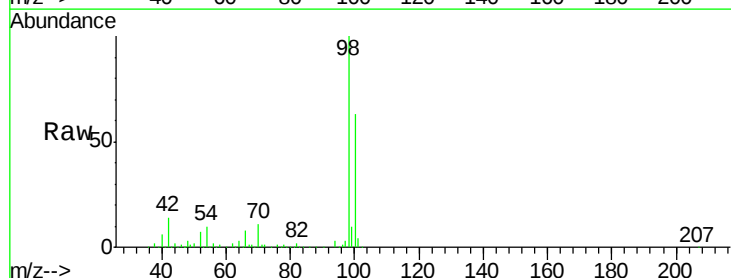
Acq: 19 Jun 2020 18:14

Tgt Ion: 98 Resp: 280100

Ion Ratio Lower Upper

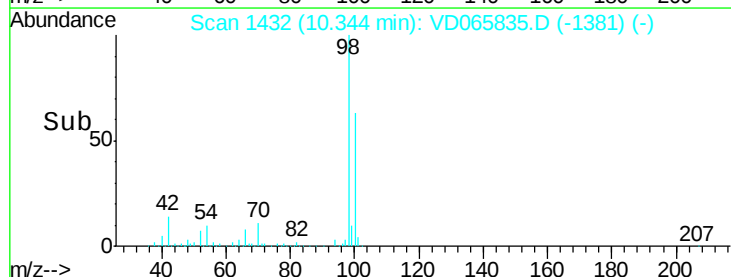
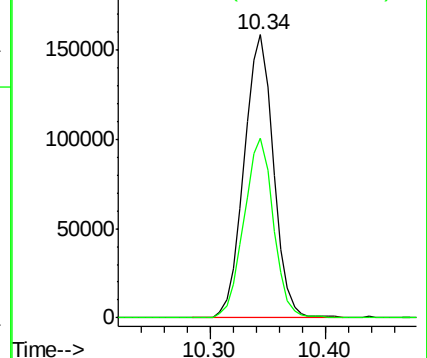
98 100

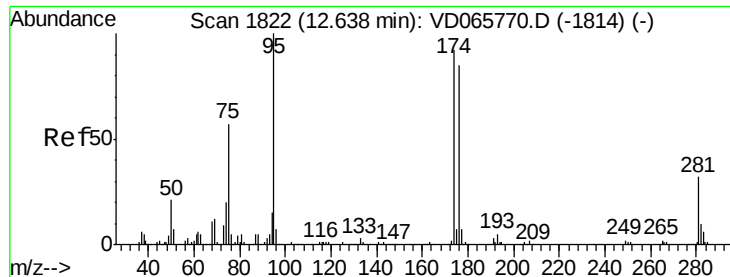
100 63.7 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

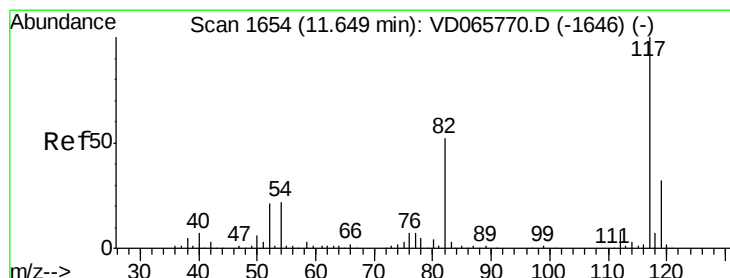
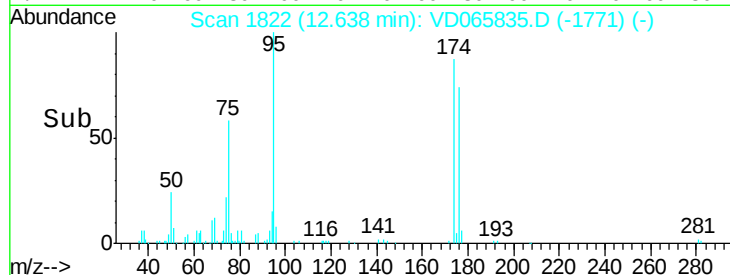
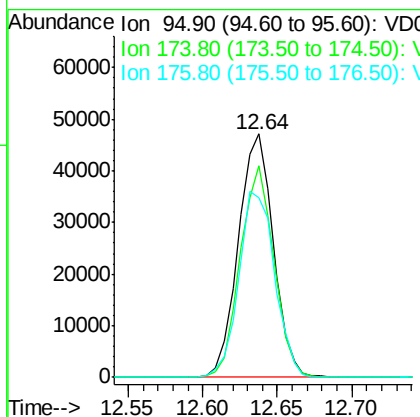
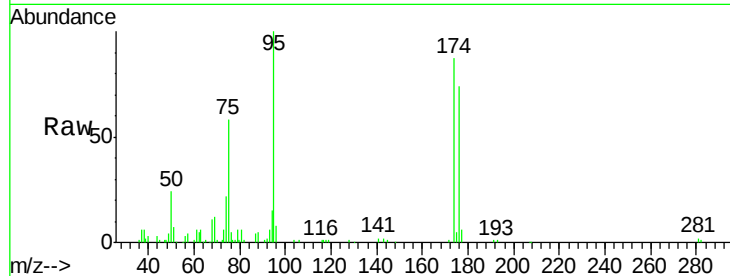




#62
4-Bromofluorobenzene
Concen: 41.479 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065835.D
Acq: 19 Jun 2020 18:14

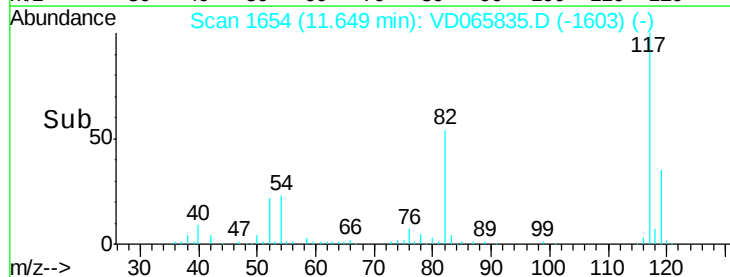
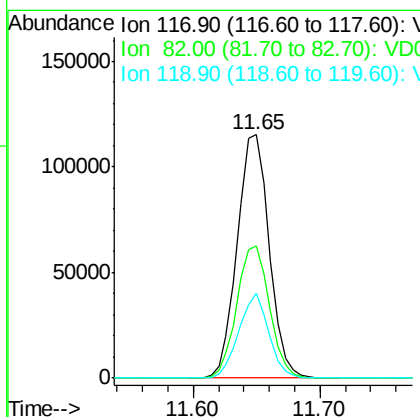
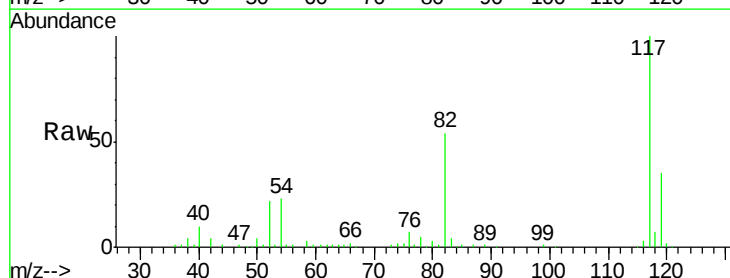
Instrument :
MSVOA_D
ClientSampleId :
RO-17RE

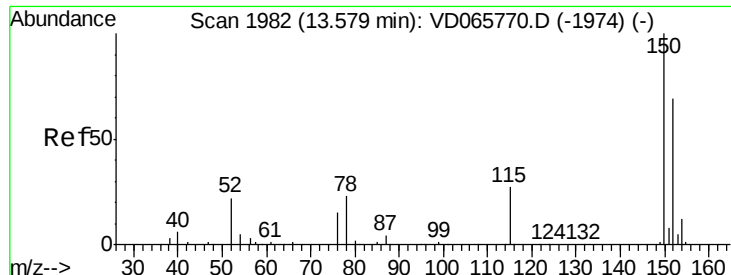
Tot Ion: 95 Resp: 76684
Ion Ratio Lower Upper
95 100
174 83.3 0.0 175.2
176 77.9 0.0 163.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065835.D
Acq: 19 Jun 2020 18:14

Tgt Ion: 117 Resp: 202191
Ion Ratio Lower Upper
117 100
82 54.2 41.9 62.9
119 34.6 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD065835.D

Acq: 19 Jun 2020 18:14

Instrument :

MSVOA_D

ClientSampleId :

RO-17RE

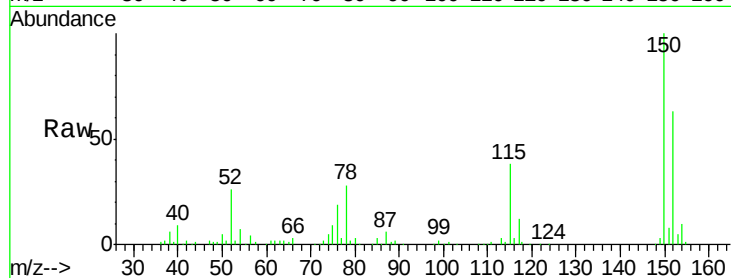
Tot Ion:152 Resp: 76920

Ion Ratio Lower Upper

152 100

115 60.8 28.7 86.1

150 157.9 0.0 348.0



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

