

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061820\
 Data File : VD065813.D
 Acq On : 18 Jun 2020 17:28
 Operator : VA/SY
 Sample : L3024-07
 Misc : 7.18G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-16

Quant Time: Jun 19 01:39:53 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

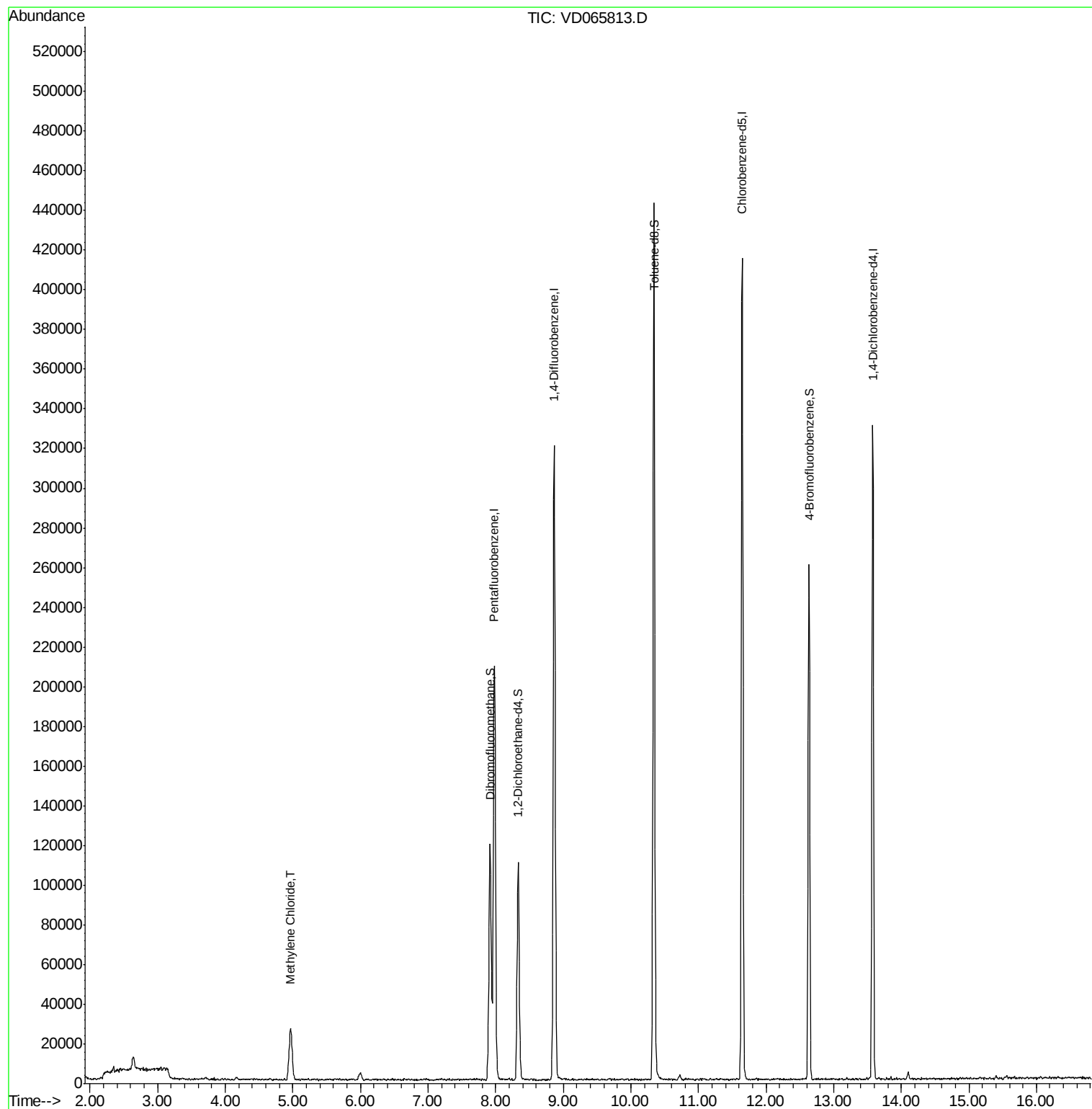
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	154565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	261776	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	223143	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	81579	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	85546	56.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.02%	
35) Dibromofluoromethane	7.92	113	84113	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
50) Toluene-d8	10.34	98	292110	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
62) 4-Bromofluorobenzene	12.64	95	79123	37.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.68%	
Target Compounds						
20) Methylene Chloride	4.96	84	18787	8.594	ug/l	Qvalue 94

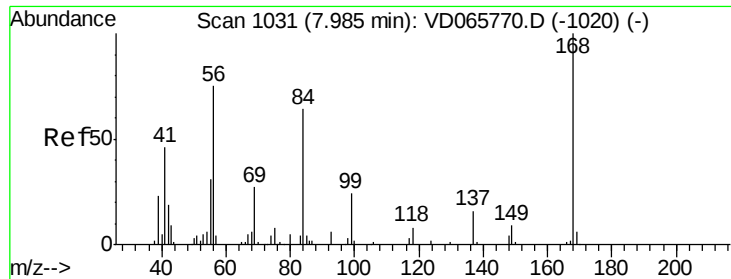
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065813.D

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MSVOA_D

ClientSampleId :

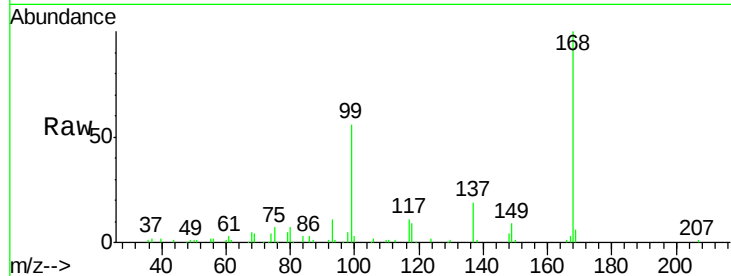
RO-16

Tot Ion:168 Resp: 154565

Ion Ratio Lower Upper

168 100

99 56.3 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

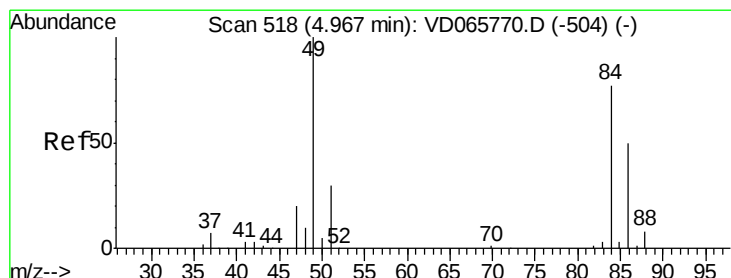
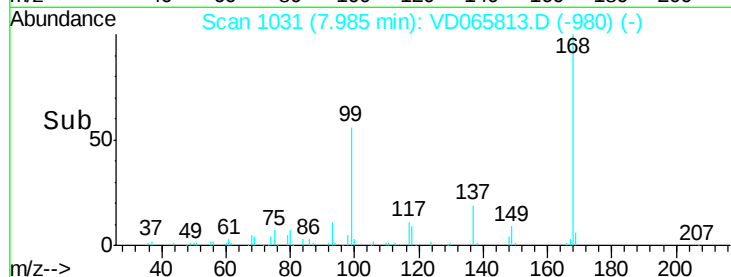
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 8.594 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD065813.D

Acq: 18 Jun 2020 17:28

Tgt Ion: 84 Resp: 18787

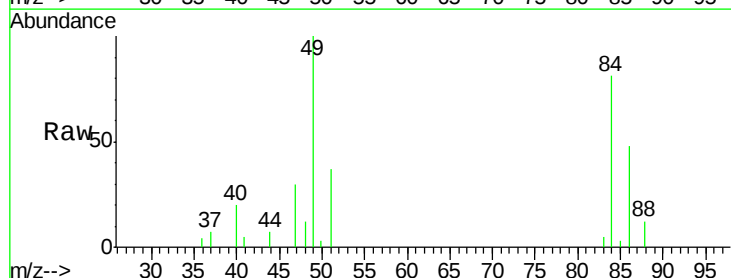
Ion Ratio Lower Upper

84 100

49 124.1 103.4 155.0

51 45.4 31.4 47.2

86 59.6 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

12000

10000

8000

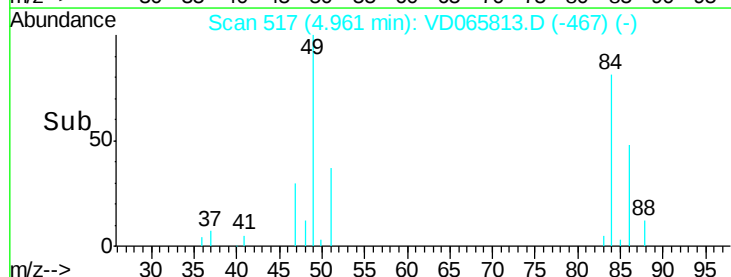
6000

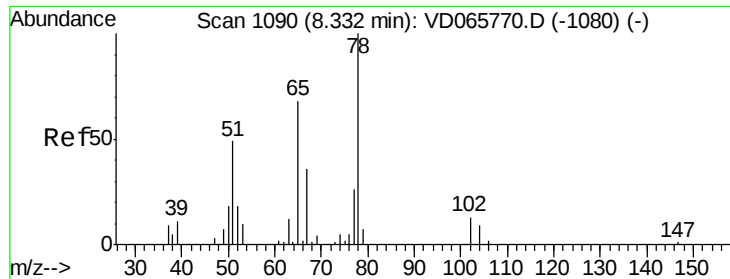
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 56.011 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065813.D

Acq: 18 Jun 2020 17:28

Instrument :

MSVOA_D

ClientSampleId :

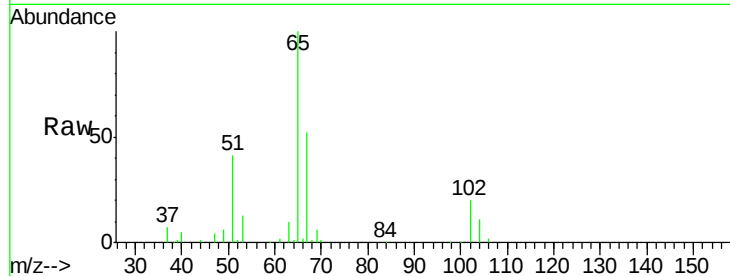
RO-16

Tot Ion: 65 Resp: 85546

Ion Ratio Lower Upper

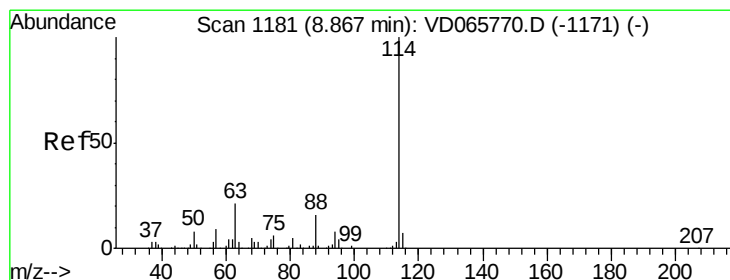
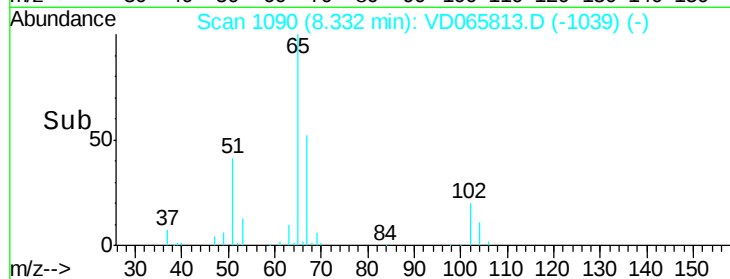
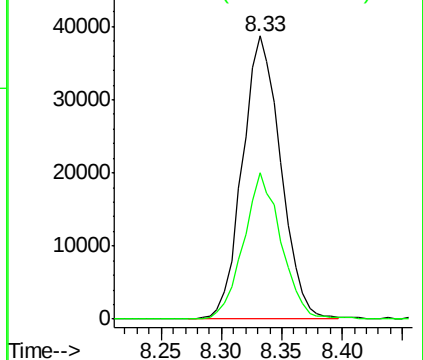
65 100

67 50.7 0.0 103.6



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# 1181

Delta R.T. -0.00 min

Lab File: VD065813.D

Acq: 18 Jun 2020 17:28

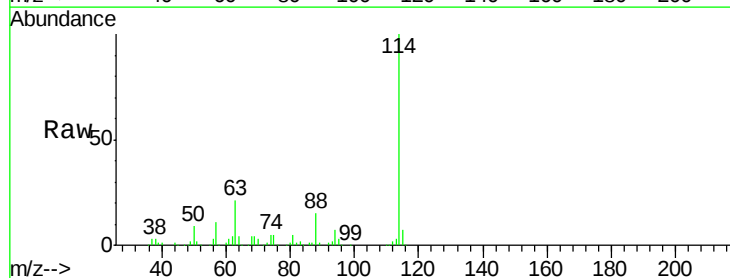
Tgt Ion: 114 Resp: 261776

Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.8

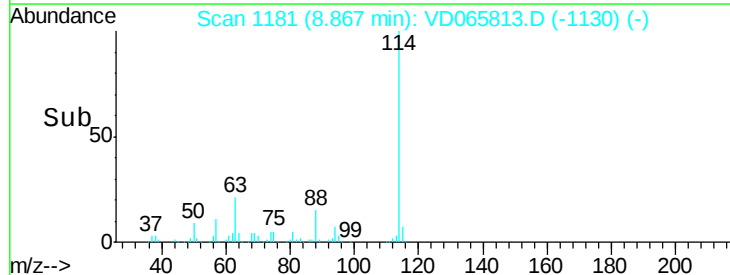
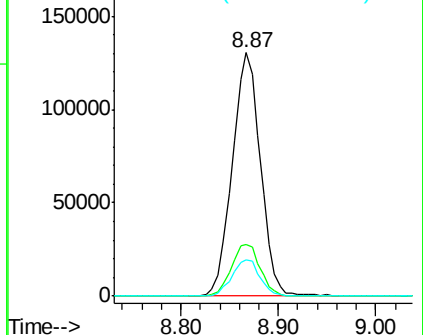
88 15.1 0.0 32.0

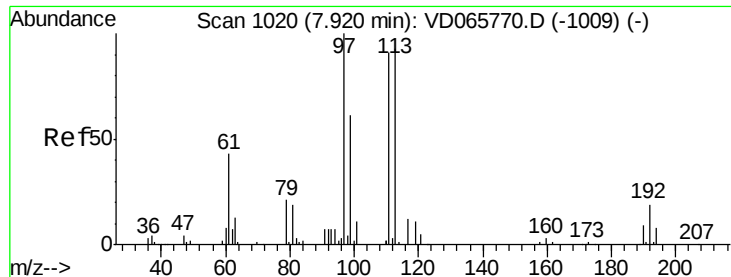


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

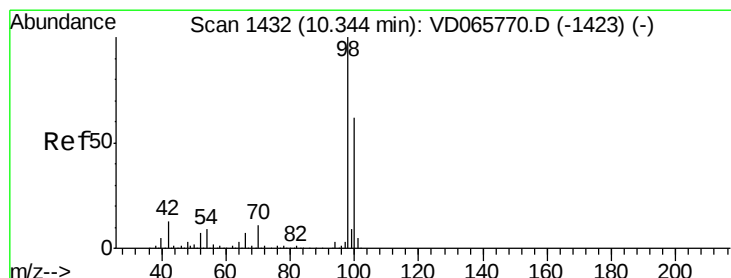
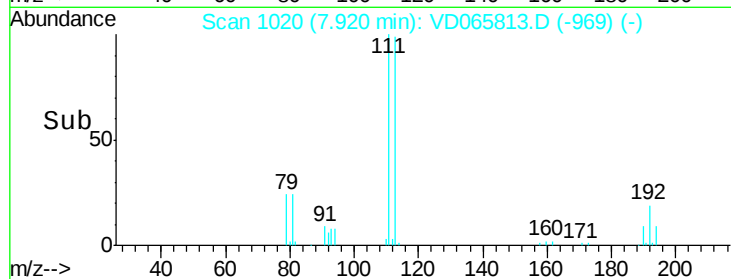
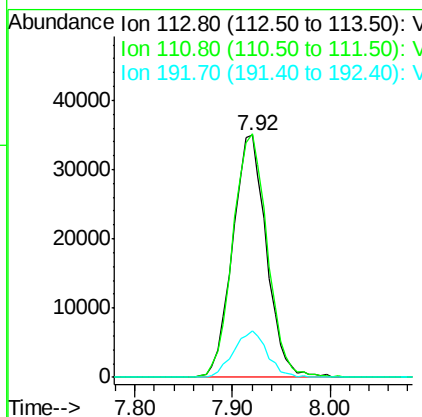
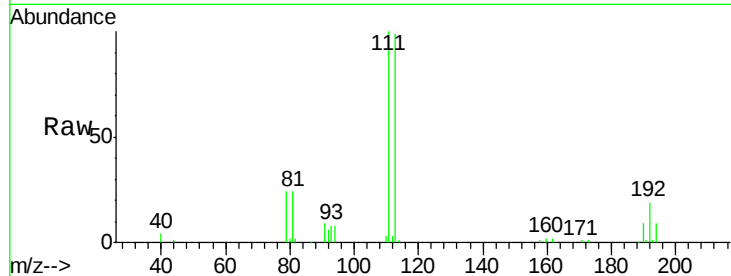




#35
 Dibromofluoromethane
 Concen: 50.869 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065813.D
 Acq: 18 Jun 2020 17:28

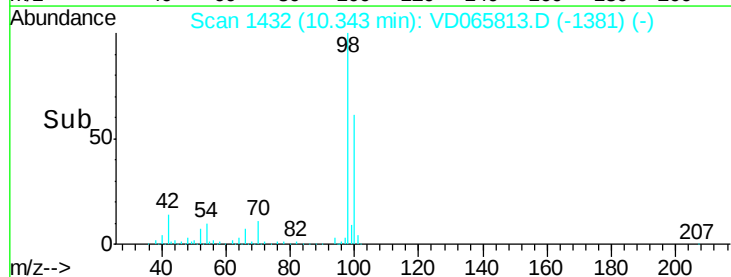
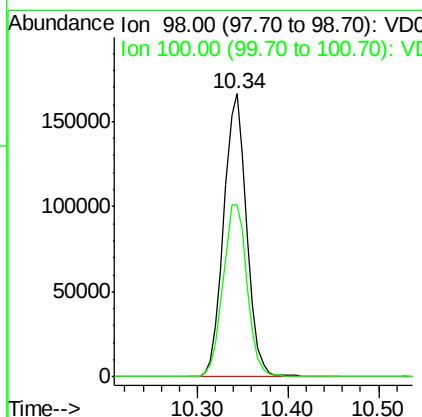
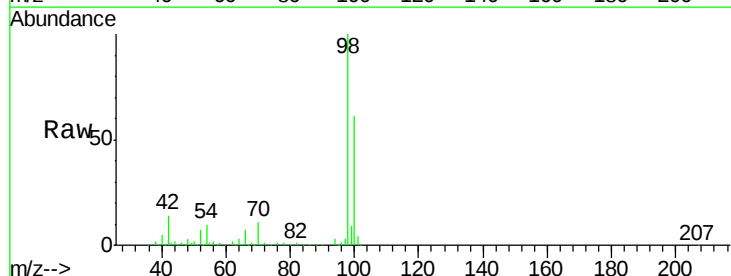
Instrument :
 MSVOA_D
 ClientSampleId :
 RO-16

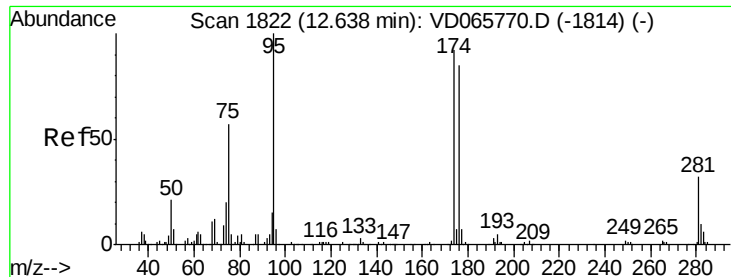
Tot Ion:113 Resp: 84113
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.4 125.0
 192 19.0 15.7 23.5



#50
 Toluene-d8
 Concen: 47.376 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD065813.D
 Acq: 18 Jun 2020 17:28

Tgt Ion: 98 Resp: 292110
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.4 77.2

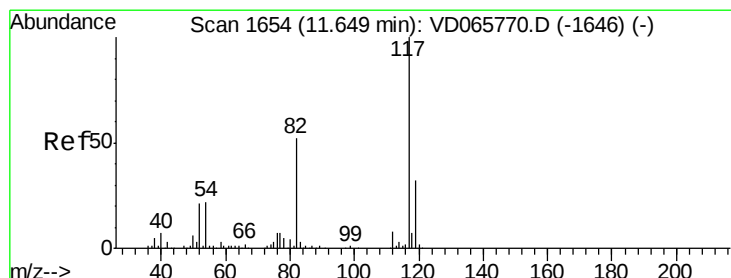
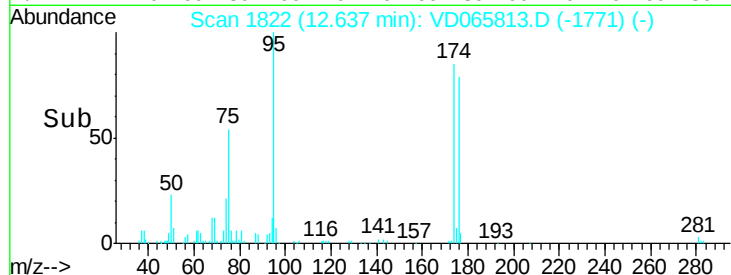
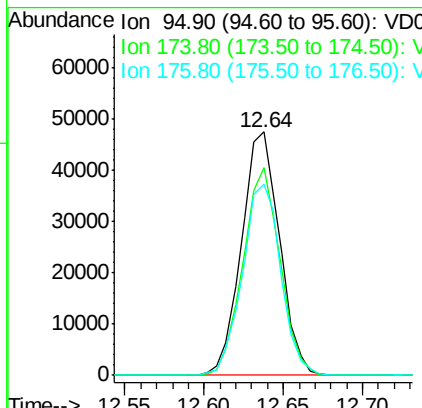
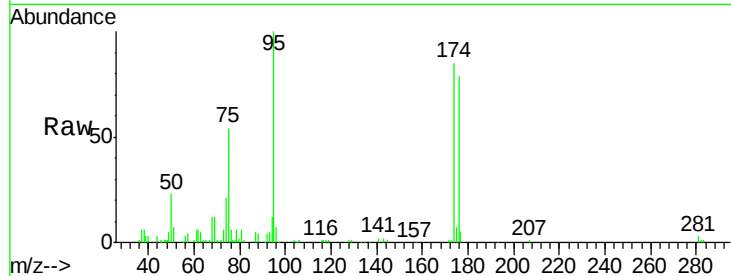




#62
4-Bromofluorobenzene
Concen: 37.839 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065813.D
Acq: 18 Jun 2020 17:28

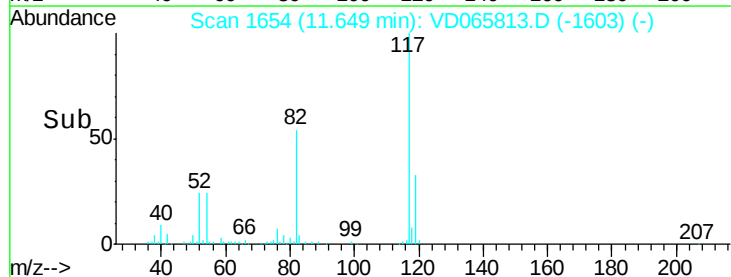
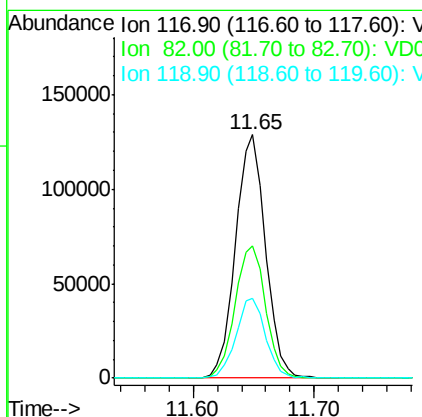
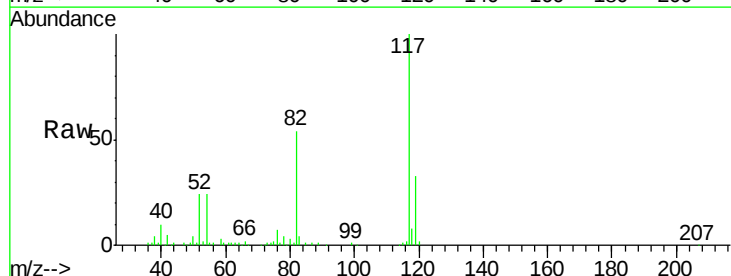
Instrument :
MSVOA_D
ClientSampleId :
RO-16

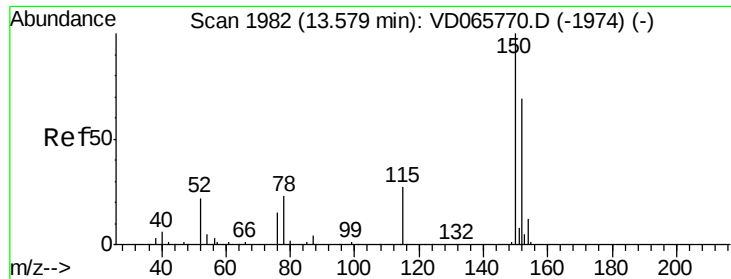
Tot Ion: 95 Resp: 79123
Ion Ratio Lower Upper
95 100
174 83.4 0.0 175.2
176 79.3 0.0 163.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065813.D
Acq: 18 Jun 2020 17:28

Tgt Ion: 117 Resp: 223143
Ion Ratio Lower Upper
117 100
82 54.3 41.9 62.9
119 32.8 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: VD065813.D

Acq: 18 Jun 2020 17:28

Instrument :

MSVOA_D

ClientSampleId :

RO-16

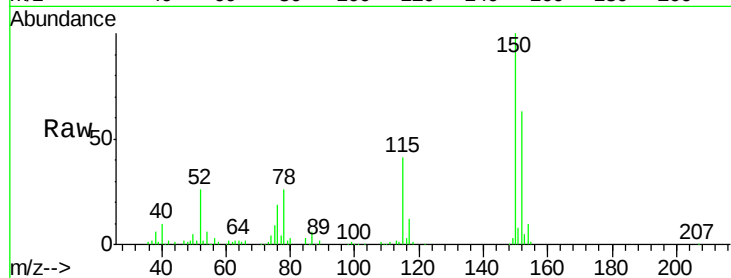
Tot Ion:152 Resp: 81579

Ion Ratio Lower Upper

152 100

115 58.9 28.7 86.1

150 159.0 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

