

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061920\
 Data File : VD065837.D
 Acq On : 19 Jun 2020 19:08
 Operator : VA/SY
 Sample : L3035-04
 Misc : 7.65G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1-UNIVERSITY-SW-5

Quant Time: Jun 20 02:44:31 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	138924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	251326	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	226623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	93314	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	80167	58.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.80%	
35) Dibromofluoromethane	7.92	113	78321	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
50) Toluene-d8	10.34	98	282240	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
62) 4-Bromofluorobenzene	12.64	95	78348	39.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.06%	

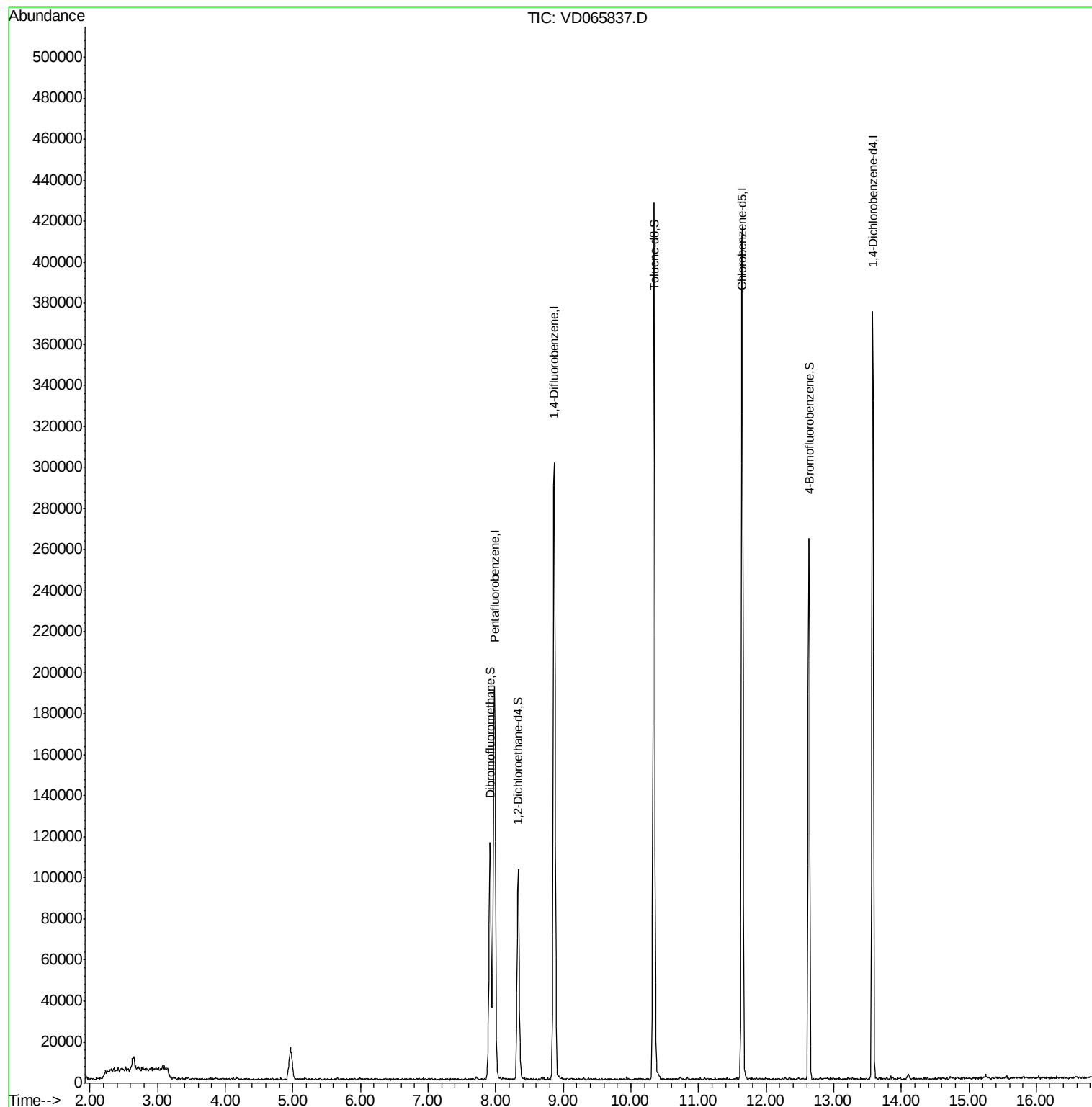
Target Compounds	Qvalue

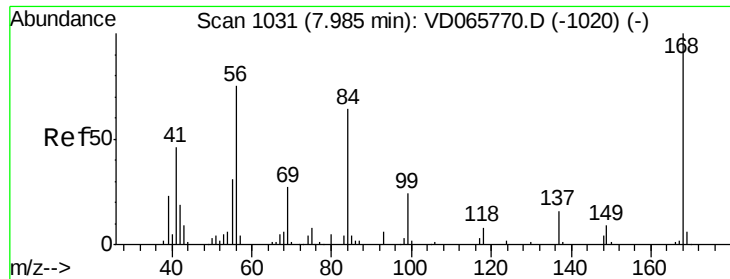
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065837.D

Acq: 19 Jun 2020 19:08

Instrument :

MSVOA_D

ClientSampleId :

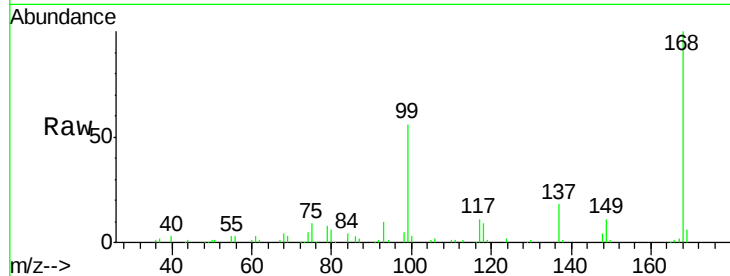
1-UNIVERSITY-SW-5

Tot Ion:168 Resp: 138924

Ion Ratio Lower Upper

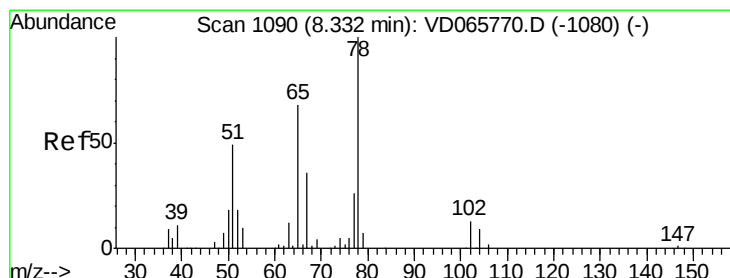
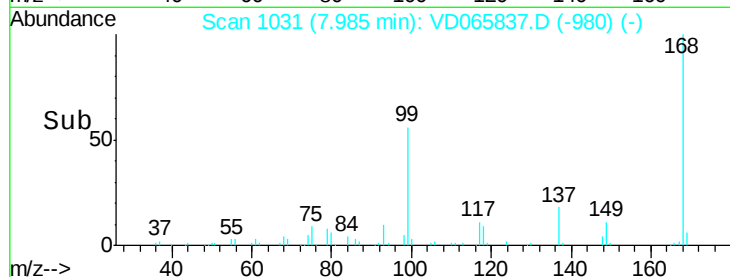
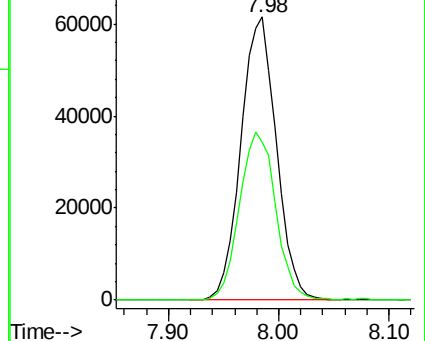
168 100

99 56.0 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 58.399 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065837.D

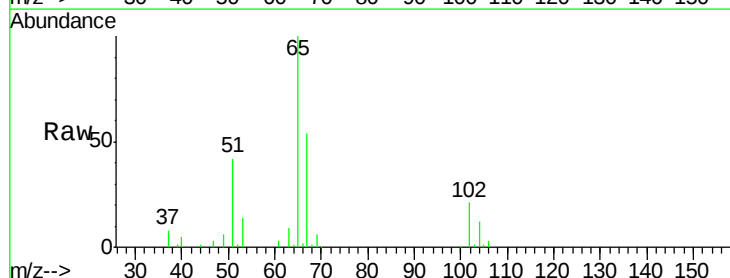
Acq: 19 Jun 2020 19:08

Tgt Ion: 65 Resp: 80167

Ion Ratio Lower Upper

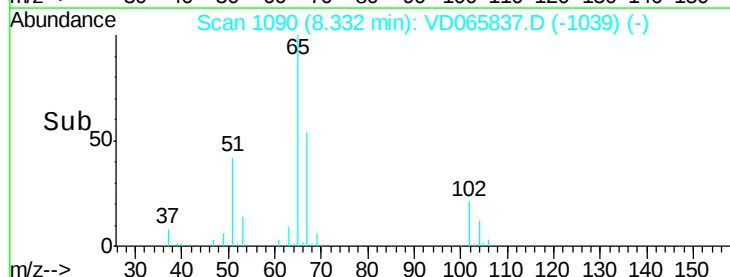
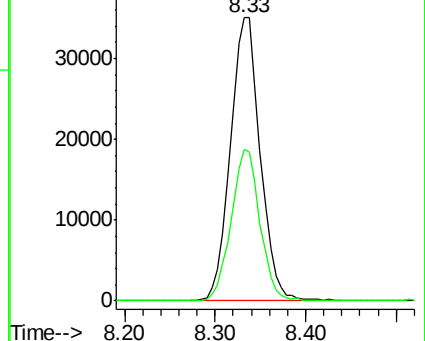
65 100

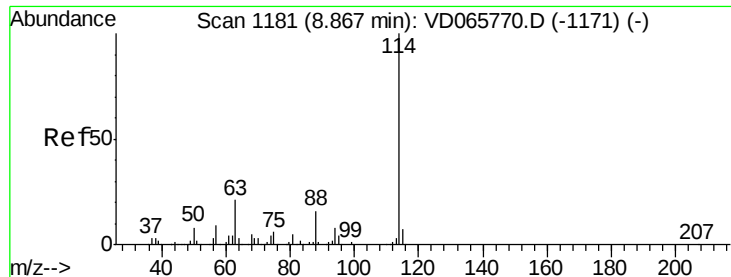
67 51.5 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

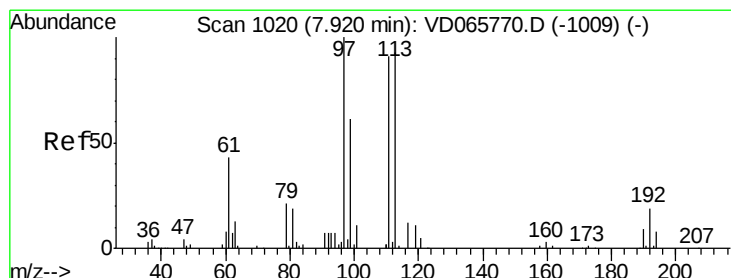
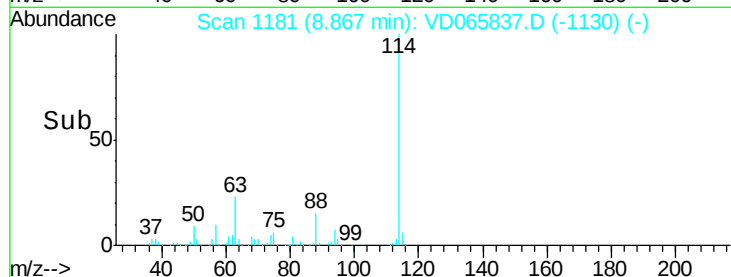
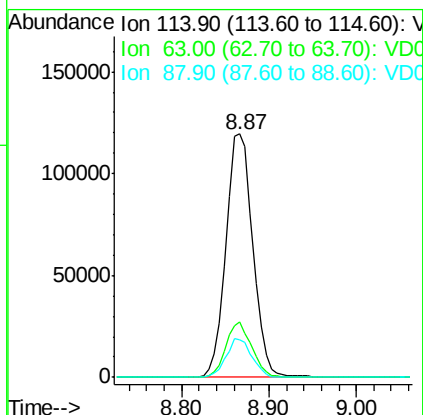
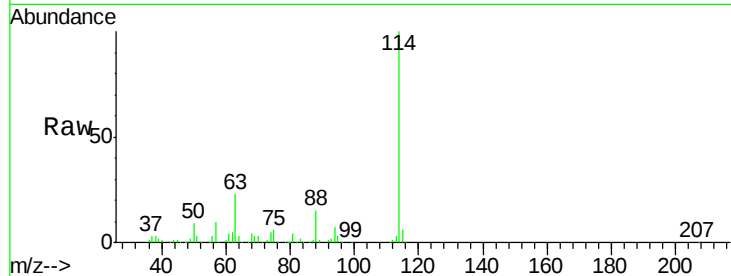




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065837.D
 Acq: 19 Jun 2020 19:08

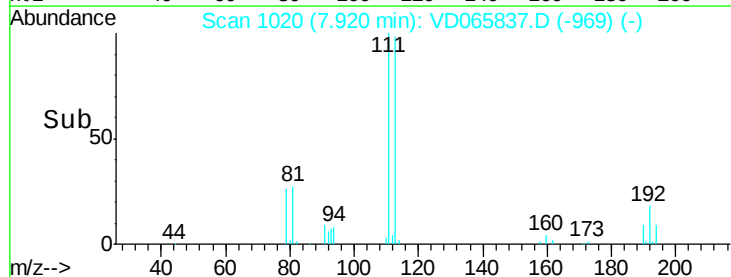
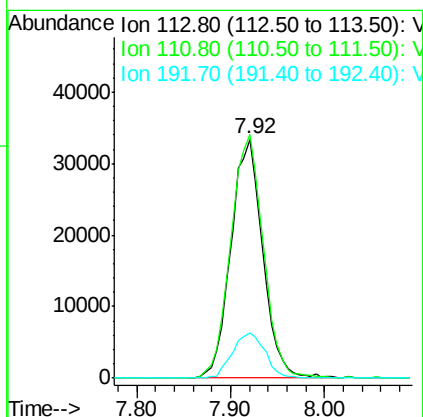
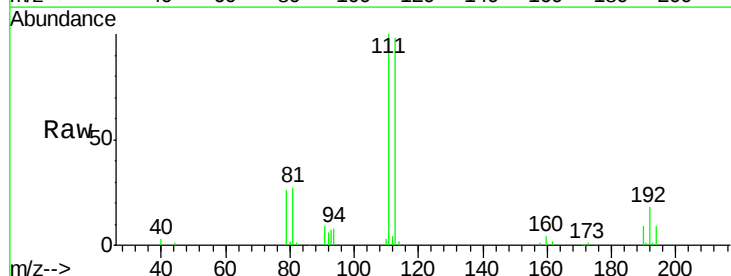
Instrument :
 MSVOA_D
 ClientSampleId :
 1-UNIVERSITY-SW-5

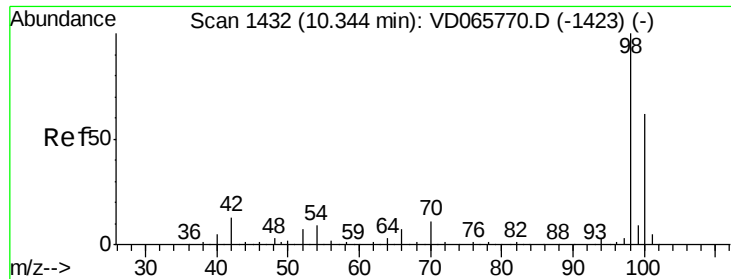
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	41.8
88	15.5	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 49.335 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065837.D
 Acq: 19 Jun 2020 19:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.6	83.4	125.0
192	19.4	15.7	23.5

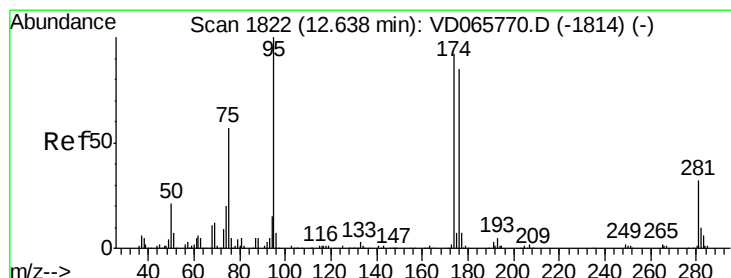
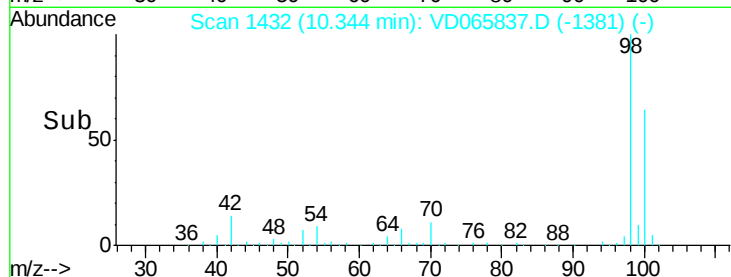
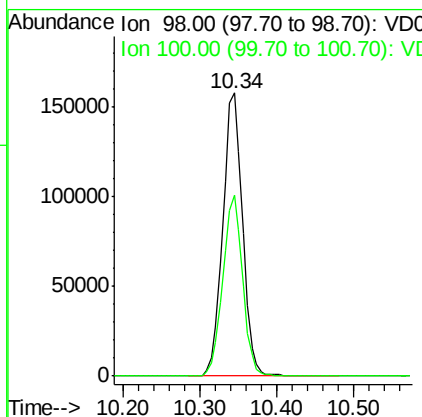
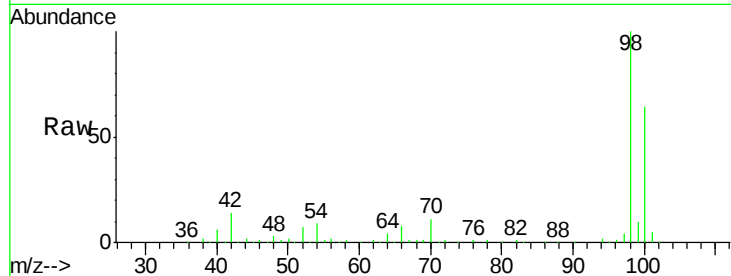




#50
Toluene-d8
Concen: 47.678 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065837.D
Acq: 19 Jun 2020 19:08

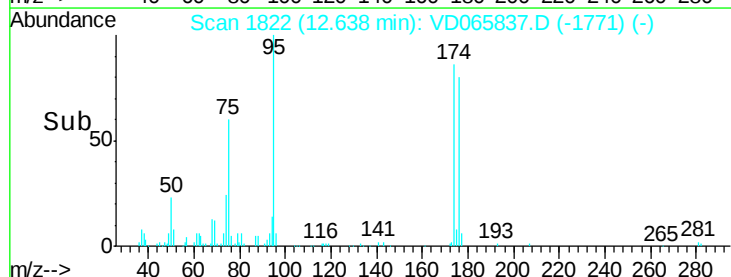
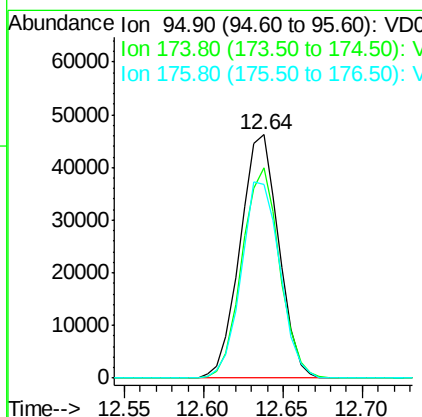
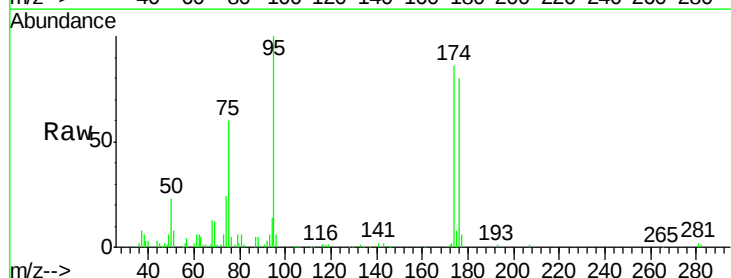
Instrument :
MSVOA_D
ClientSampleId :
1-UNIVERSITY-SW-5

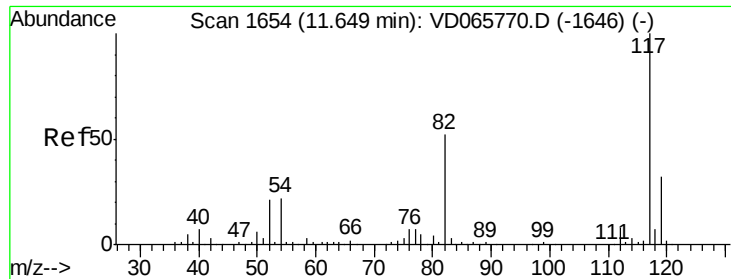
Tot Ion: 98 Resp: 282240
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 39.026 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065837.D
Acq: 19 Jun 2020 19:08

Tgt Ion: 95 Resp: 78348
Ion Ratio Lower Upper
95 100
174 83.9 0.0 175.2
176 80.6 0.0 163.0

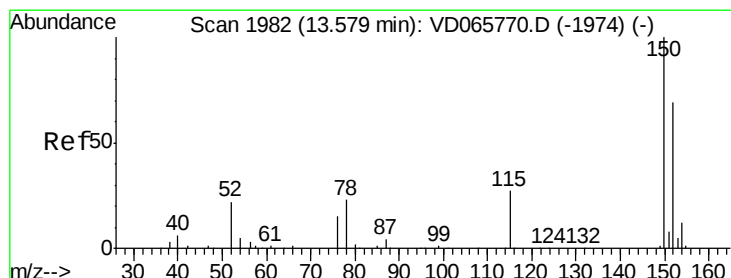
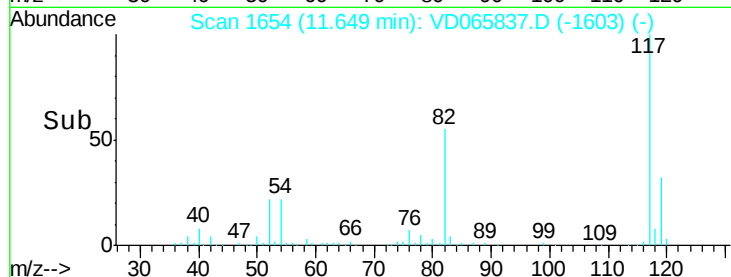
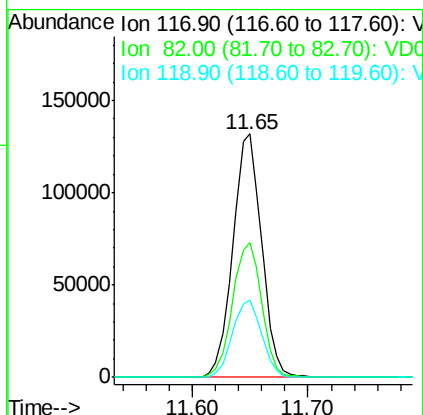
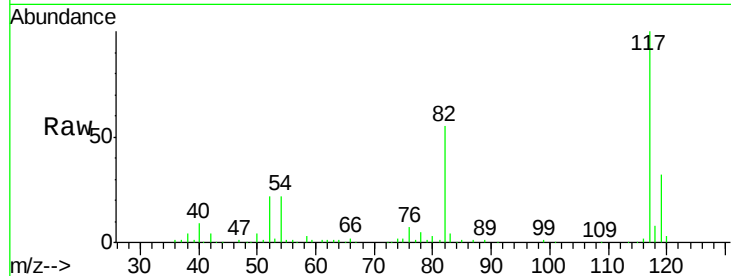




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065837.D
Acq: 19 Jun 2020 19:08

Instrument :
MSVOA_D
ClientSampleId :
1-UNIVERSITY-SW-5

Tot Ion:117 Resp: 226623
Ion Ratio Lower Upper
117 100
82 55.2 41.9 62.9
119 31.9 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: VD065837.D
Acq: 19 Jun 2020 19:08

Tgt Ion:152 Resp: 93314
Ion Ratio Lower Upper
152 100
115 60.0 28.7 86.1
150 155.0 0.0 348.0

