

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061920\
 Data File : VD065839.D
 Acq On : 19 Jun 2020 20:02
 Operator : VA/SY
 Sample : L3035-12
 Misc : 7.37G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1-SP-3-5

Quant Time: Jun 20 02:47:55 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	131971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	235864	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	208670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	78256	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	77539	59.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.92%	
35) Dibromofluoromethane	7.92	113	74377	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
50) Toluene-d8	10.34	98	256689	46.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.40%	
62) 4-Bromofluorobenzene	12.64	95	74423	39.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.00%	

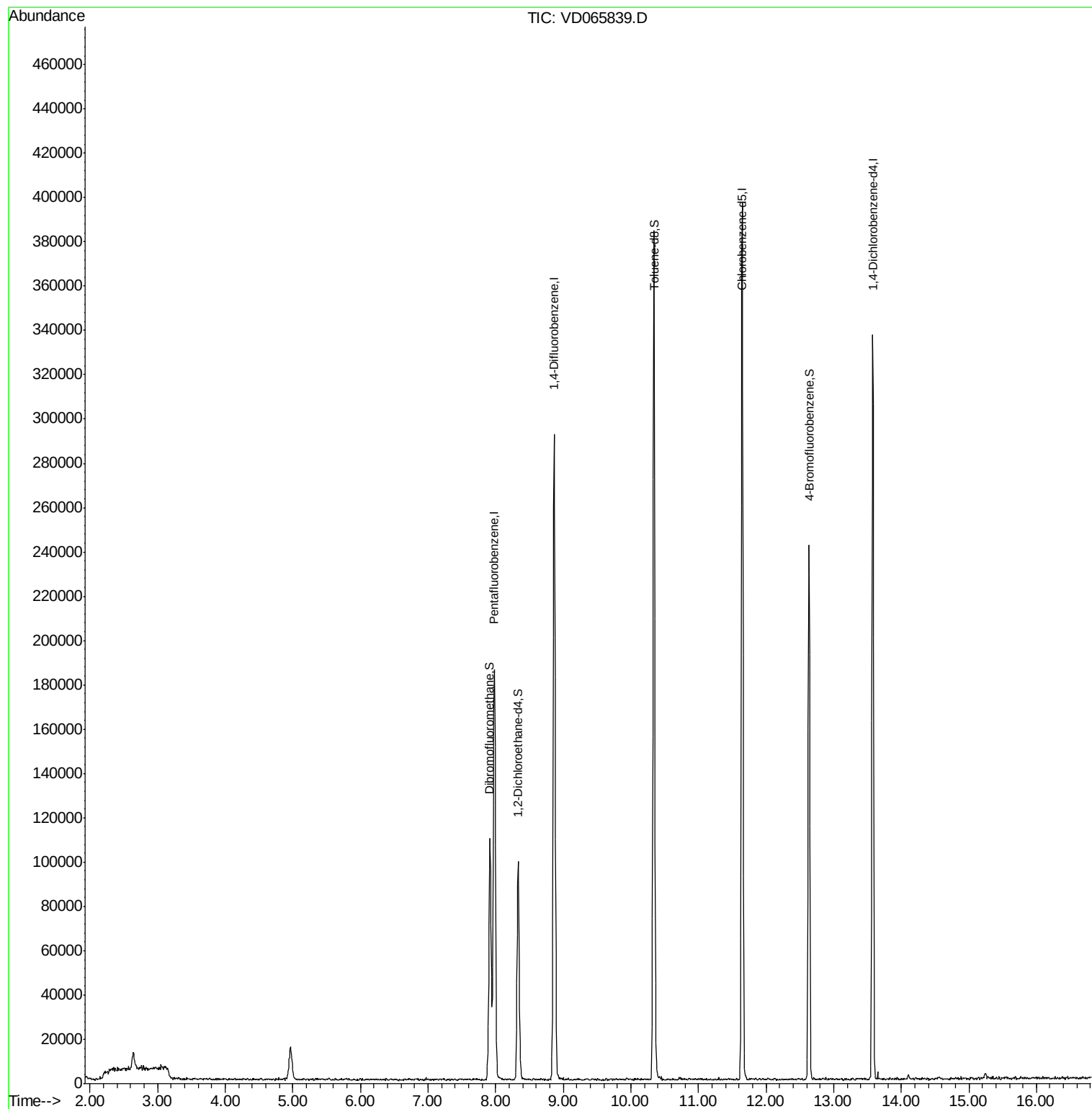
Target Compounds	Qvalue

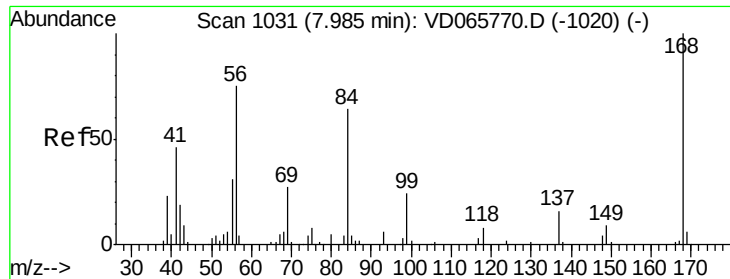
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065839.D

Acq: 19 Jun 2020 20:02

Instrument :

MSVOA_D

ClientSampleId :

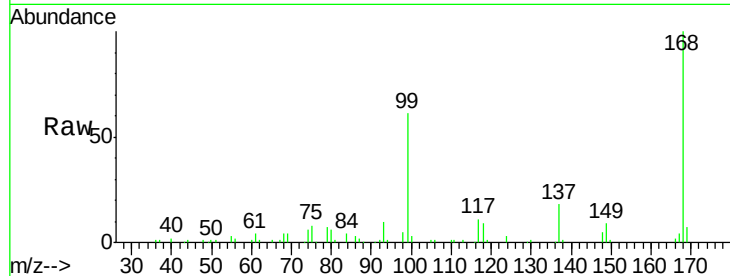
1-SP-3-5

Tot Ion:168 Resp: 131971

Ion Ratio Lower Upper

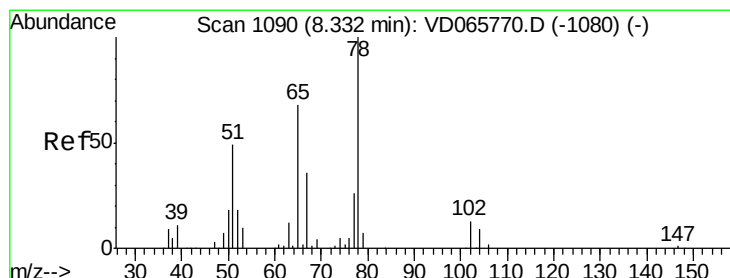
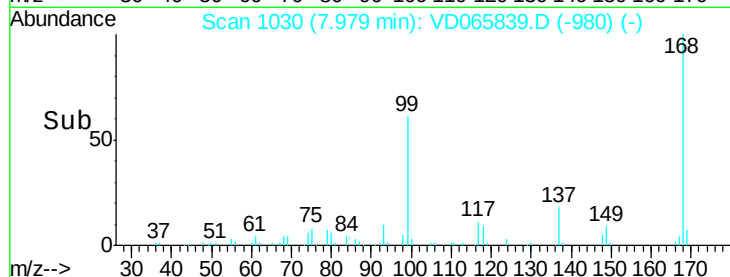
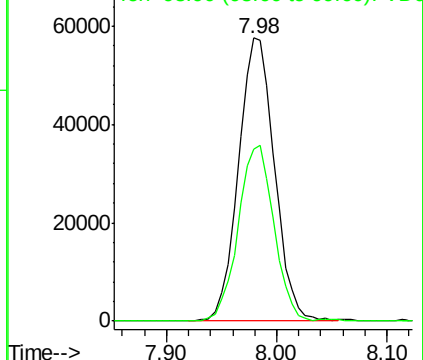
168 100

99 61.0 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: 59.460 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065839.D

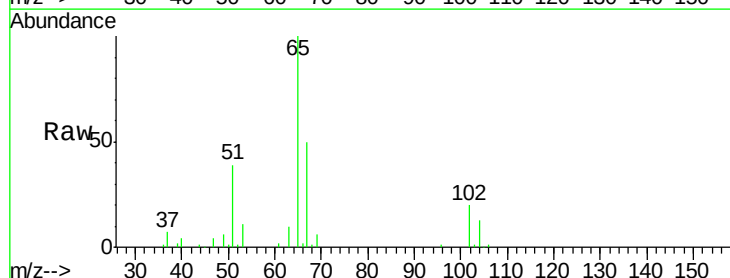
Acq: 19 Jun 2020 20:02

Tgt Ion: 65 Resp: 77539

Ion Ratio Lower Upper

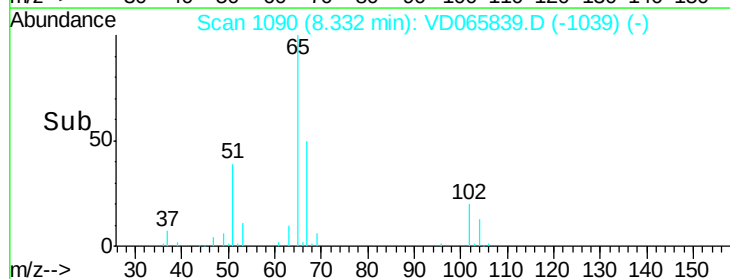
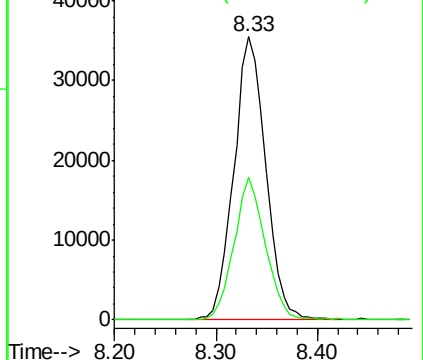
65 100

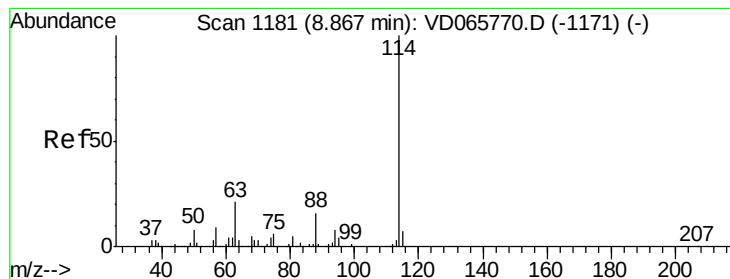
67 49.2 0.0 103.6



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: VD065839.D

Acq: 19 Jun 2020 20:02

Instrument :

MSVOA_D

ClientSampleId :

1-SP-3-5

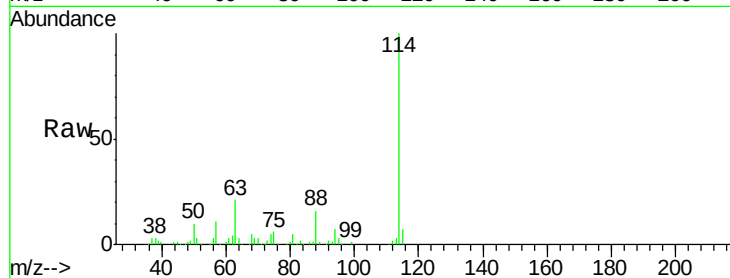
Tot Ion:114 Resp: 235864

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.8

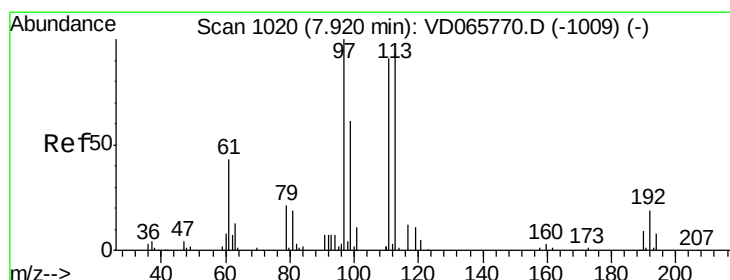
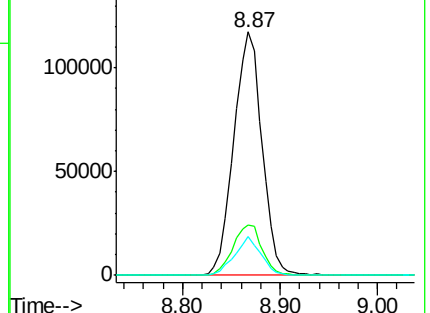
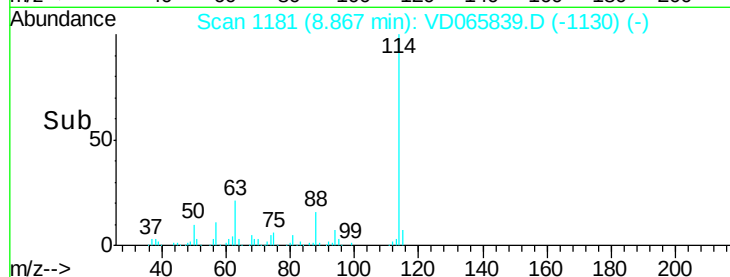
88 15.8 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 49.922 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065839.D

Acq: 19 Jun 2020 20:02

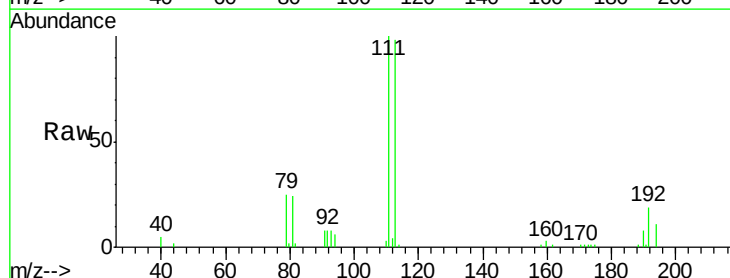
Tgt Ion:113 Resp: 74377

Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.0

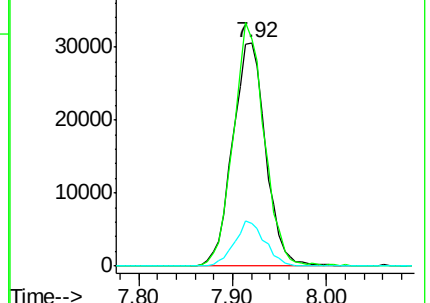
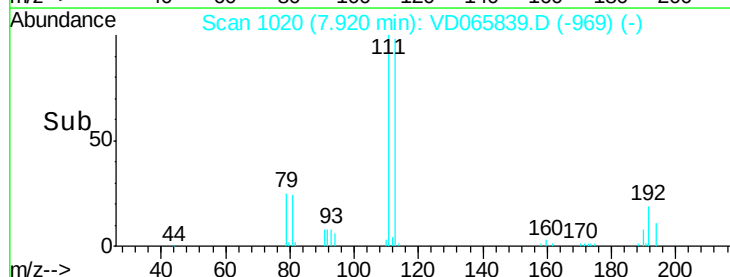
192 18.5 15.7 23.5

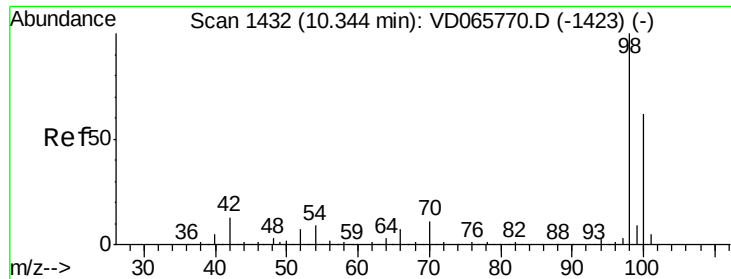


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

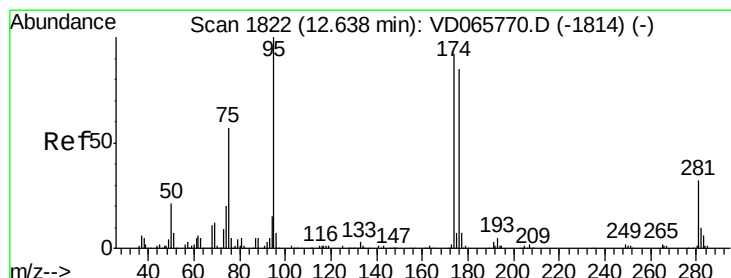
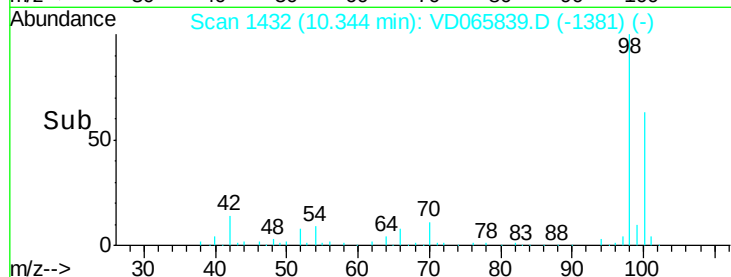
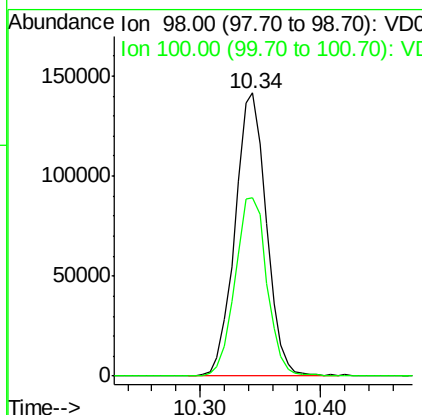
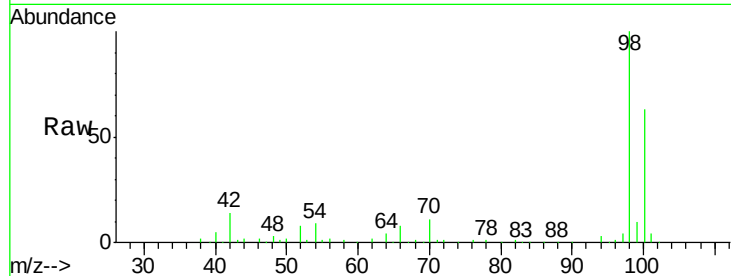




#50
Toluene-d8
Concen: 46.204 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065839.D
Acq: 19 Jun 2020 20:02

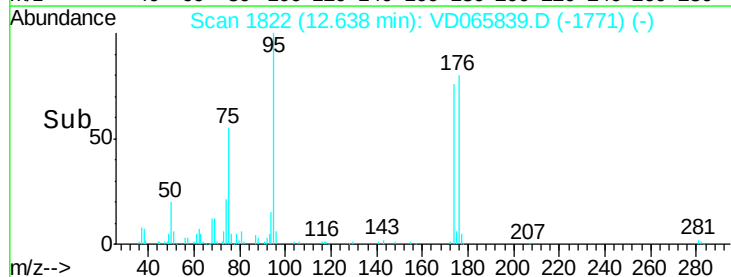
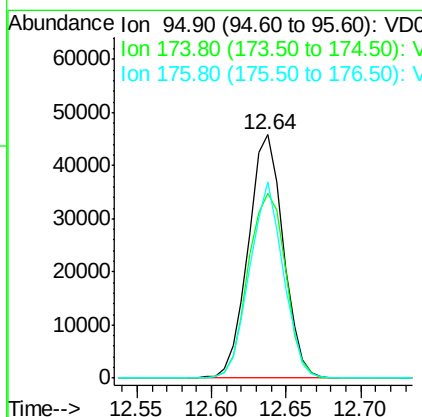
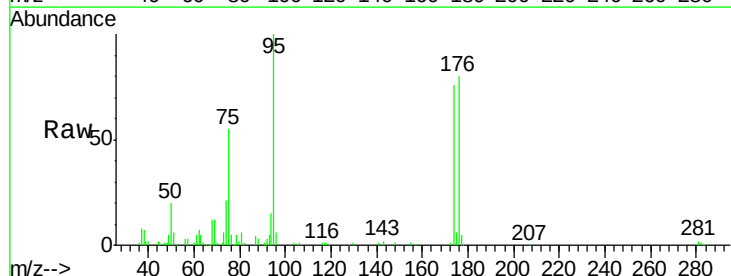
Instrument :
MSVOA_D
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1-SP-3-5

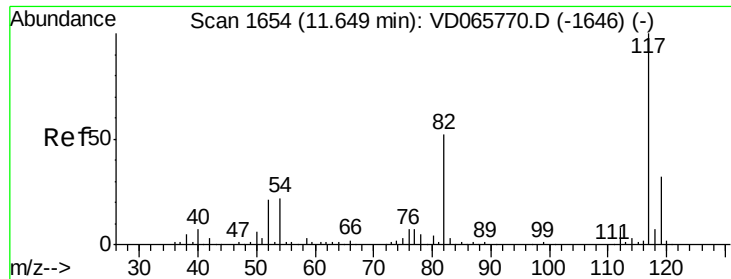
Tot Ion: 98 Resp: 256689
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 39.501 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD065839.D
Acq: 19 Jun 2020 20:02

Tgt Ion: 95 Resp: 74423
Ion Ratio Lower Upper
95 100
174 80.9 0.0 175.2
176 77.0 0.0 163.0

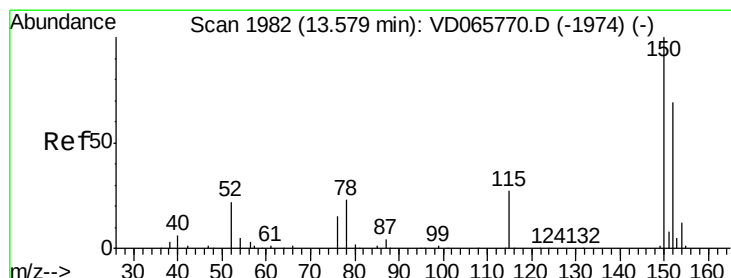
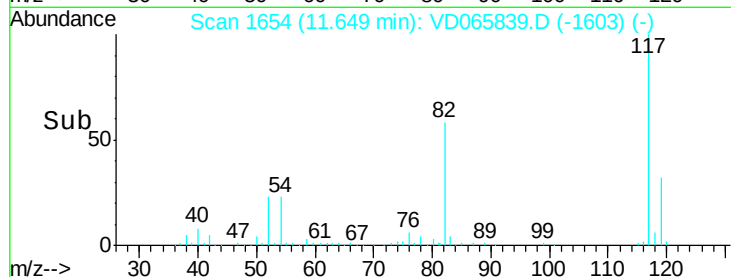
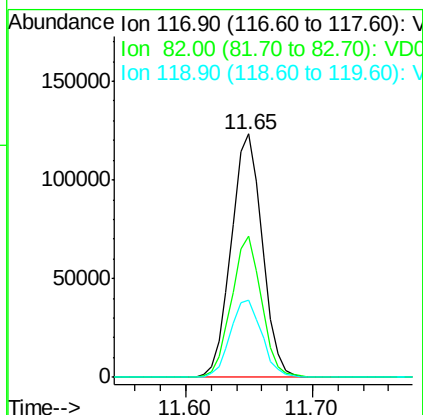
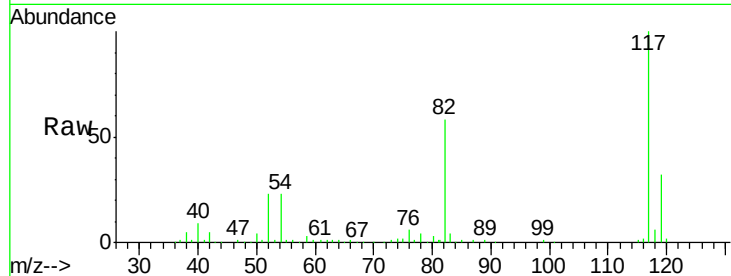




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065839.D
Acq: 19 Jun 2020 20:02

Instrument :
MSVOA_D
ClientSampleId :
1-SP-3-5

Tot Ion:117 Resp: 208670
Ion Ratio Lower Upper
117 100
82 58.1 41.9 62.9
119 31.8 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: VD065839.D
Acq: 19 Jun 2020 20:02

Tgt Ion:152 Resp: 78256
Ion Ratio Lower Upper
152 100
115 61.9 28.7 86.1
150 164.4 0.0 348.0

