

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020620\
 Data File : VD065099.D
 Acq On : 06 Feb 2020 21:10
 Operator : VA/SY
 Sample : L1408-04RE
 Misc : 5.12G/5.00ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SHORE-RD-PATH-BH-01-BRE

Quant Time: Feb 07 07:19:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	36869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	57054	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	62744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.59	152	31847	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	26642	85.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	170.04%	
35) Dibromofluoromethane	7.92	113	23085	72.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	145.04%	
50) Toluene-d8	10.34	98	69905	55.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.34%	
62) 4-Bromofluorobenzene	12.64	95	26711	66.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	133.06%	

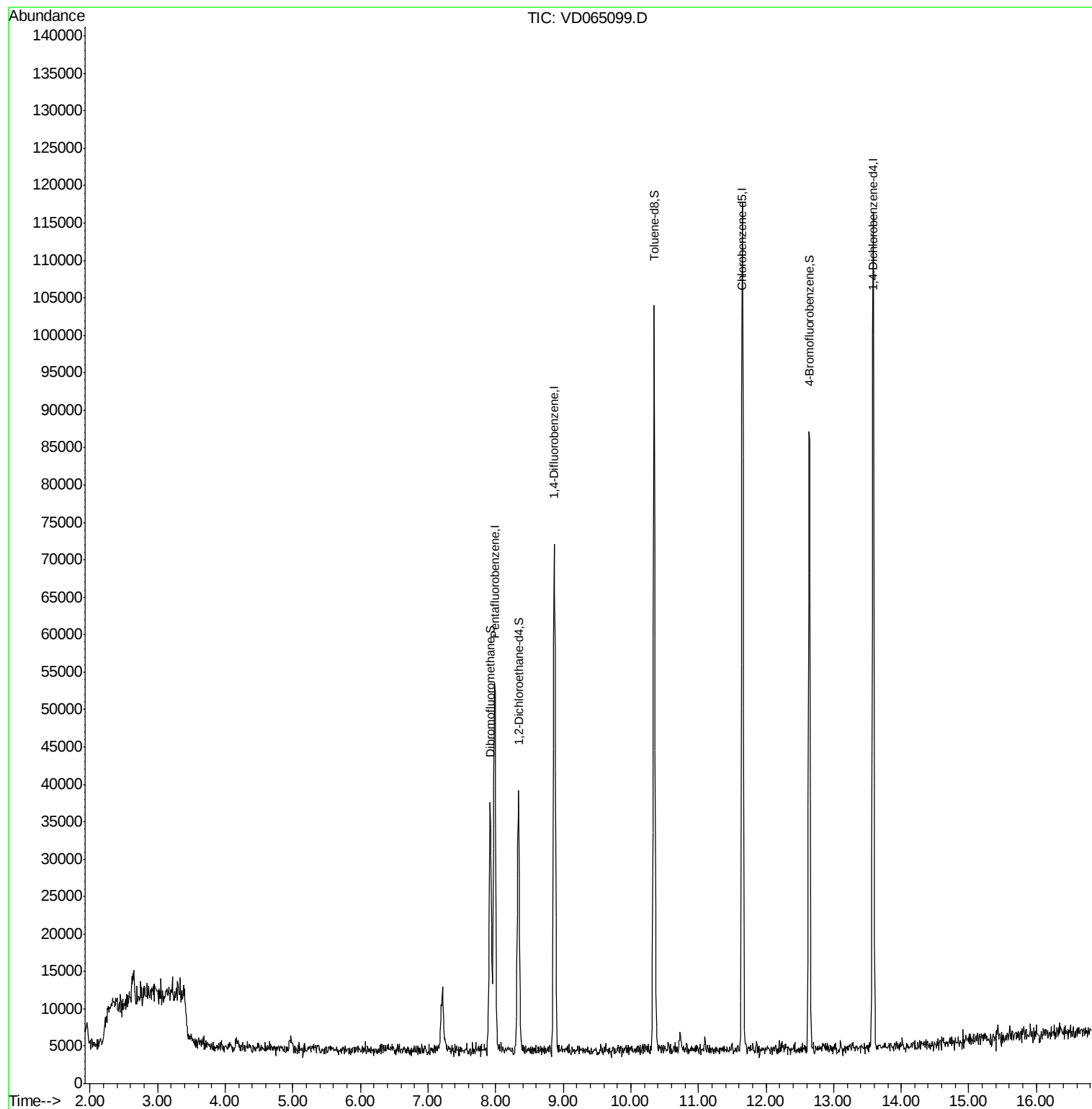
Target Compounds	Qvalue
------------------	--------

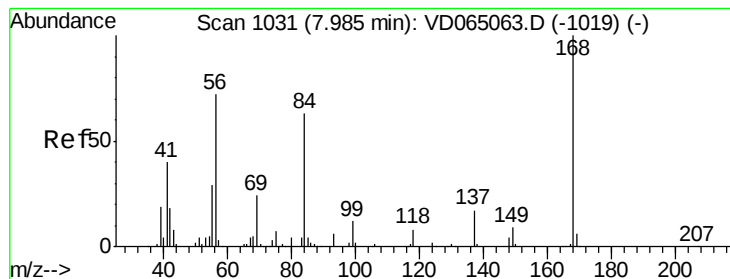
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD020620\
Data File : VD065099.D
Acq On : 06 Feb 2020 21:10
Operator : VA/SY
Sample : L1408-04RE
Misc : 5.12G/5.00ml/MSVOA D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SHORE-RD-PATH-BH-01-BRE

Quant Time: Feb 07 07:19:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 05 15:53:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VD065099.D

Acq: 06 Feb 2020 21:10

Instrument :

MSVOA_D

ClientSampleId :

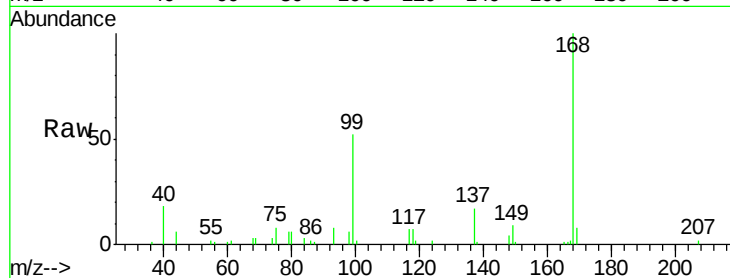
SHORE-RD-PATH-BH-01-BRE

Tot Ion:168 Resp: 36869

Ion Ratio Lower Upper

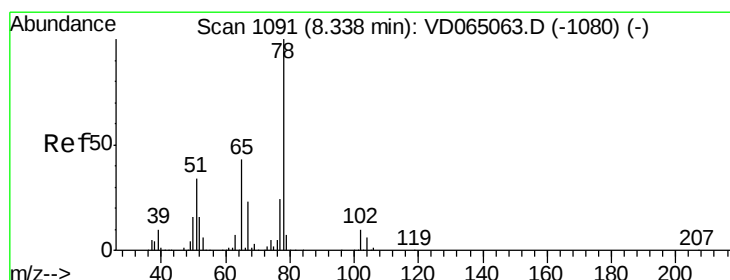
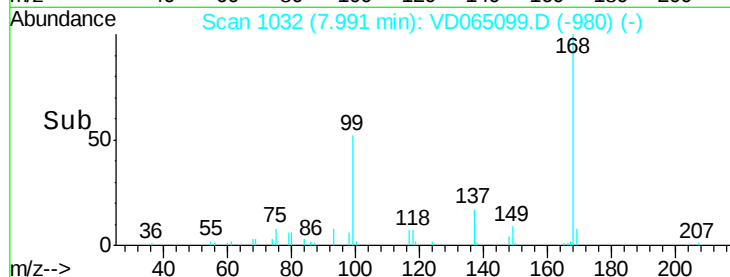
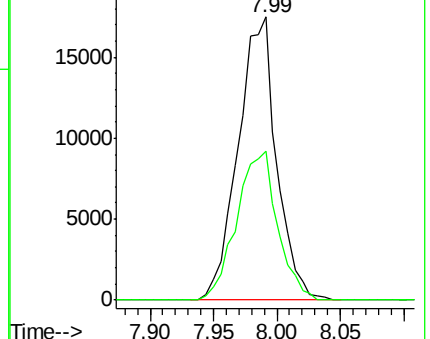
168 100

99 52.5 41.0 61.6



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: 85.022 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065099.D

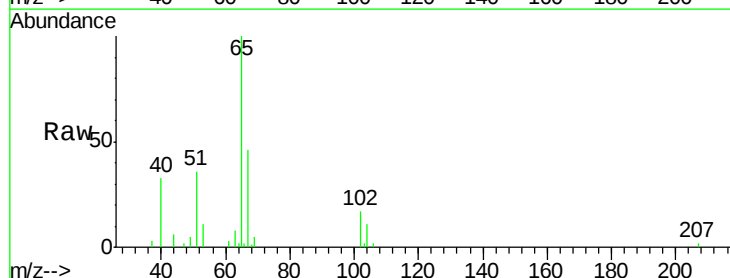
Acq: 06 Feb 2020 21:10

Tgt Ion: 65 Resp: 26642

Ion Ratio Lower Upper

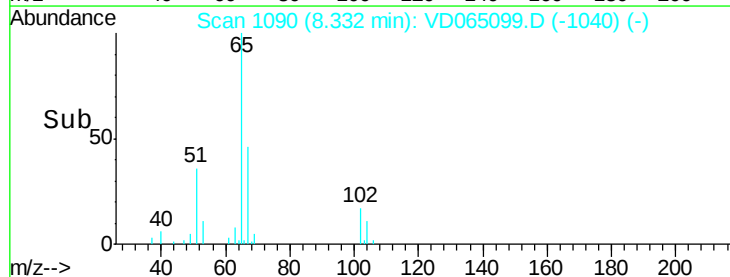
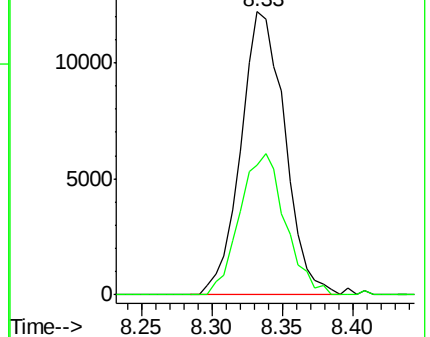
65 100

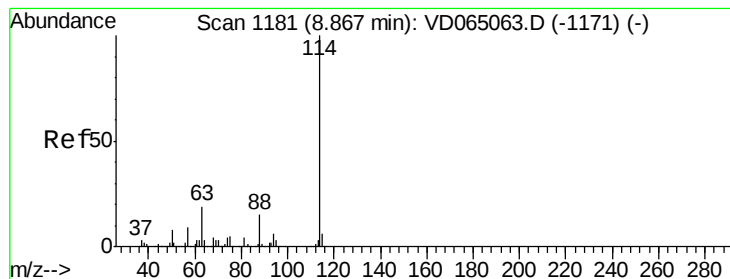
67 51.6 0.0 105.8



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: VD065099.D

Acq: 06 Feb 2020 21:10

Instrument :

MSVOA_D

ClientSampleId :

SHORE-RD-PATH-BH-01-BRE

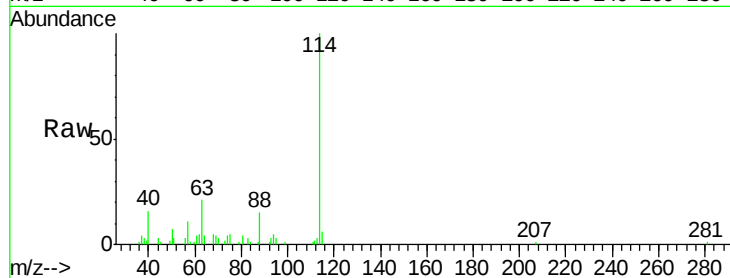
Tot Ion:114 Resp: 57054

Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.8

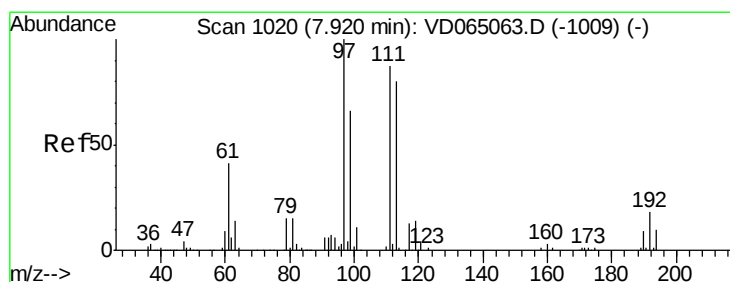
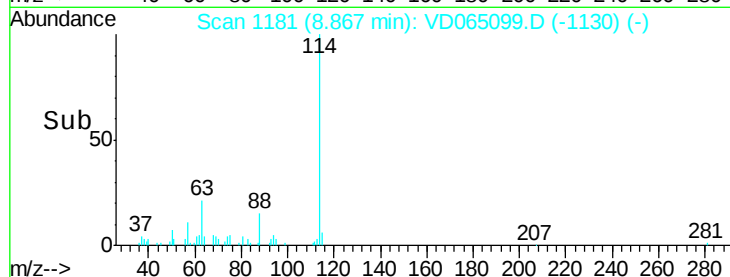
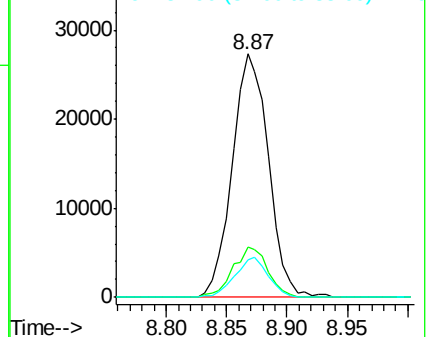
88 15.4 0.0 29.6



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: 72.520 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065099.D

Acq: 06 Feb 2020 21:10

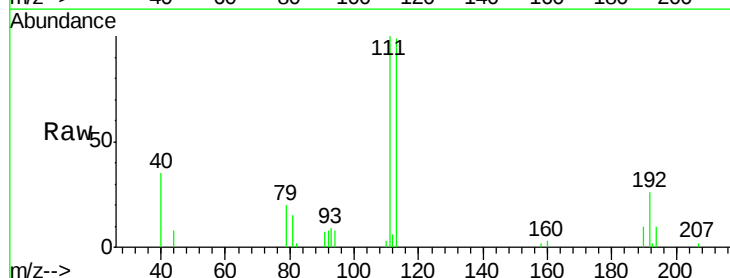
Tgt Ion:113 Resp: 23085

Ion Ratio Lower Upper

113 100

111 106.0 83.1 124.7

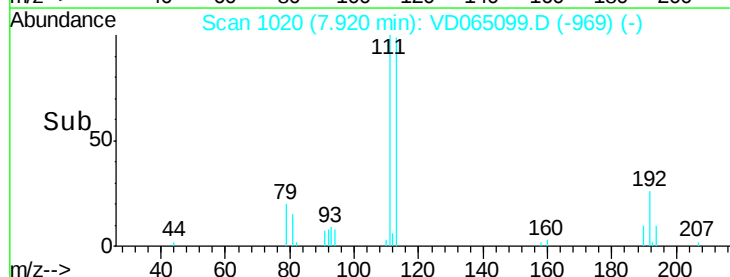
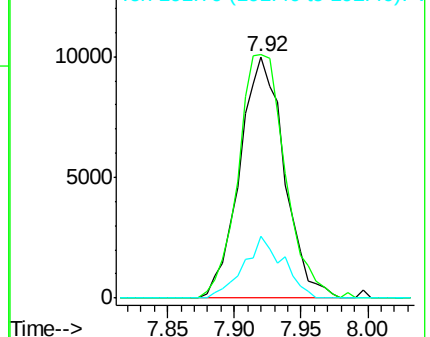
192 22.9 18.1 27.1

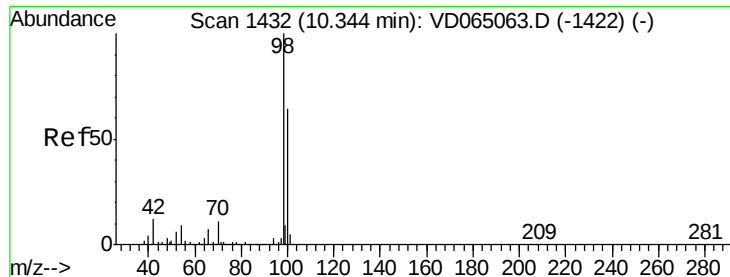


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.172 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065099.D

Acq: 06 Feb 2020 21:10

Instrument :

MSVOA_D

ClientSampleId :

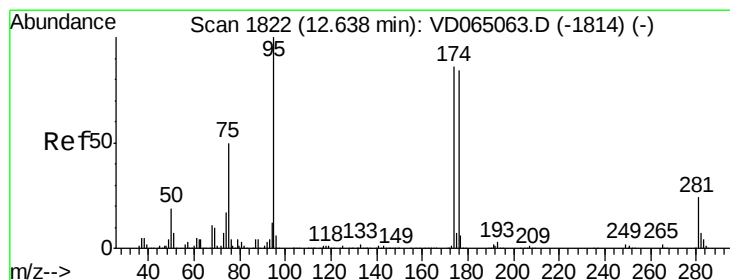
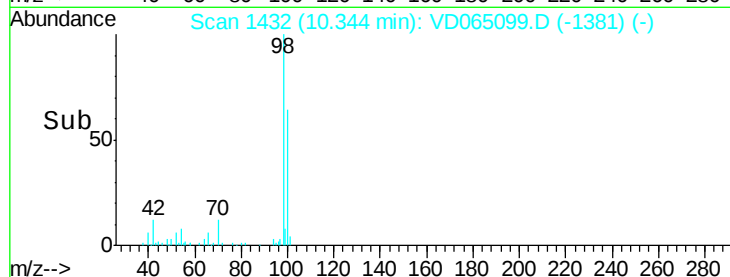
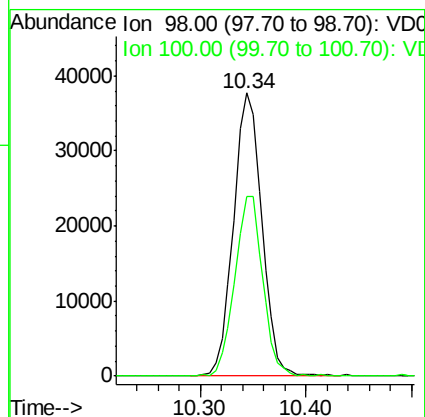
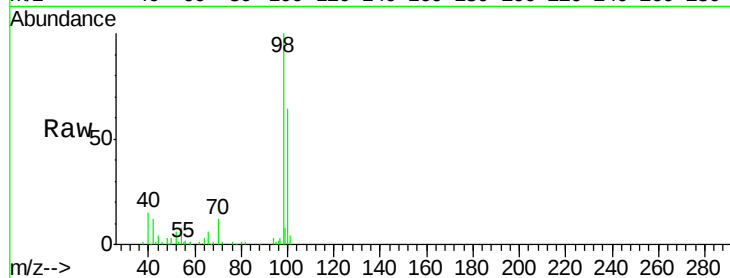
SHORE-RD-PATH-BH-01-BRE

Tot Ion: 98 Resp: 69905

Ion Ratio Lower Upper

98 100

100 62.5 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 66.532 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065099.D

Acq: 06 Feb 2020 21:10

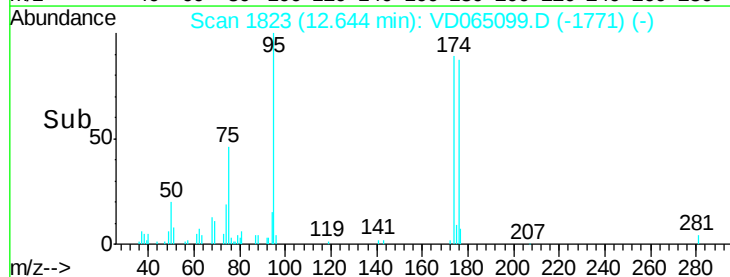
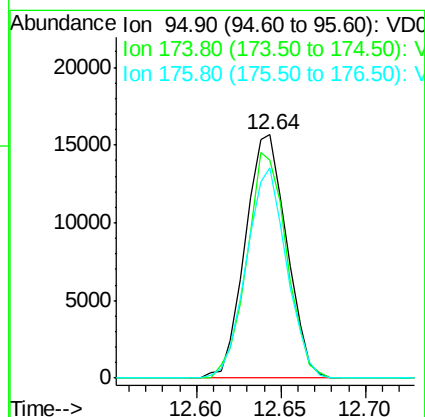
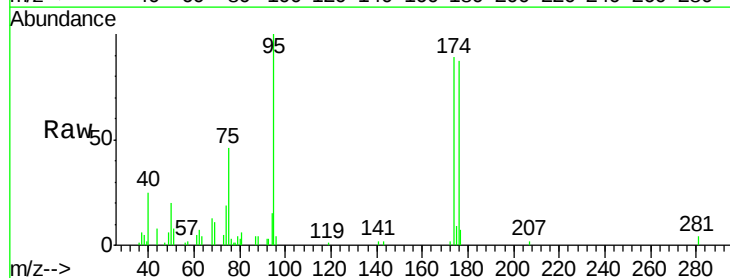
Tgt Ion: 95 Resp: 26711

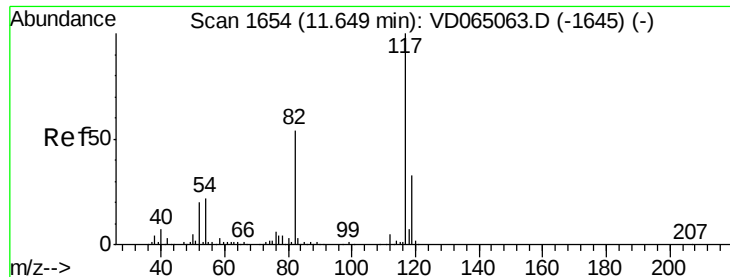
Ion Ratio Lower Upper

95 100

174 89.3 0.0 180.0

176 83.9 0.0 173.2

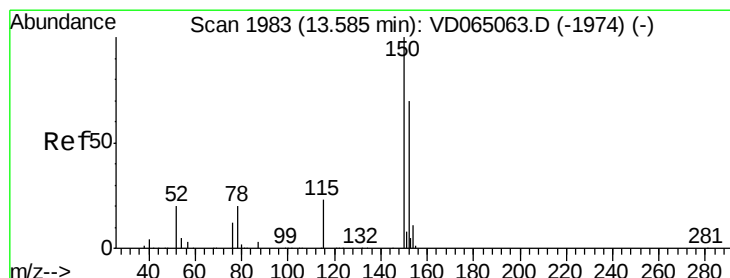
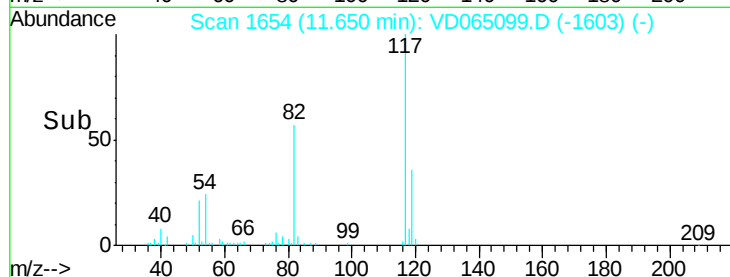
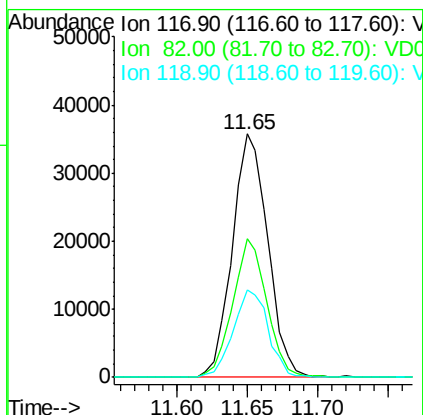
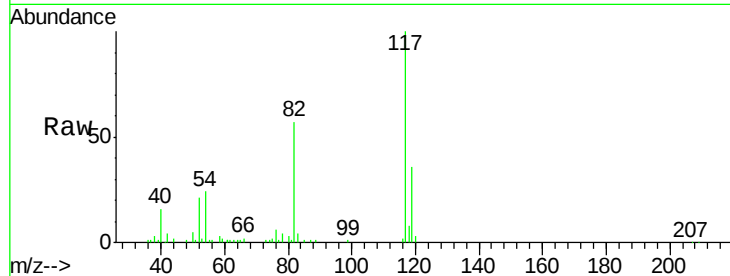




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065099.D
Acq: 06 Feb 2020 21:10

Instrument :
MSVOA_D
ClientSampleId :
SHORE-RD-PATH-BH-01-BRE

Tot Ion:117 Resp: 62744
Ion Ratio Lower Upper
117 100
82 56.9 43.1 64.7
119 36.1 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.59 min Scan# 1984
Delta R.T. 0.01 min
Lab File: VD065099.D
Acq: 06 Feb 2020 21:10

Tgt Ion:152 Resp: 31847
Ion Ratio Lower Upper
152 100
115 55.0 27.5 82.4
150 154.8 0.0 343.2

