

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040921\
 Data File : VD068816.D
 Acq On : 09 Apr 2021 17:14
 Operator : VA/SY
 Sample : M1979-02
 Misc : 4.86G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-2

Quant Time: Apr 10 00:44:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

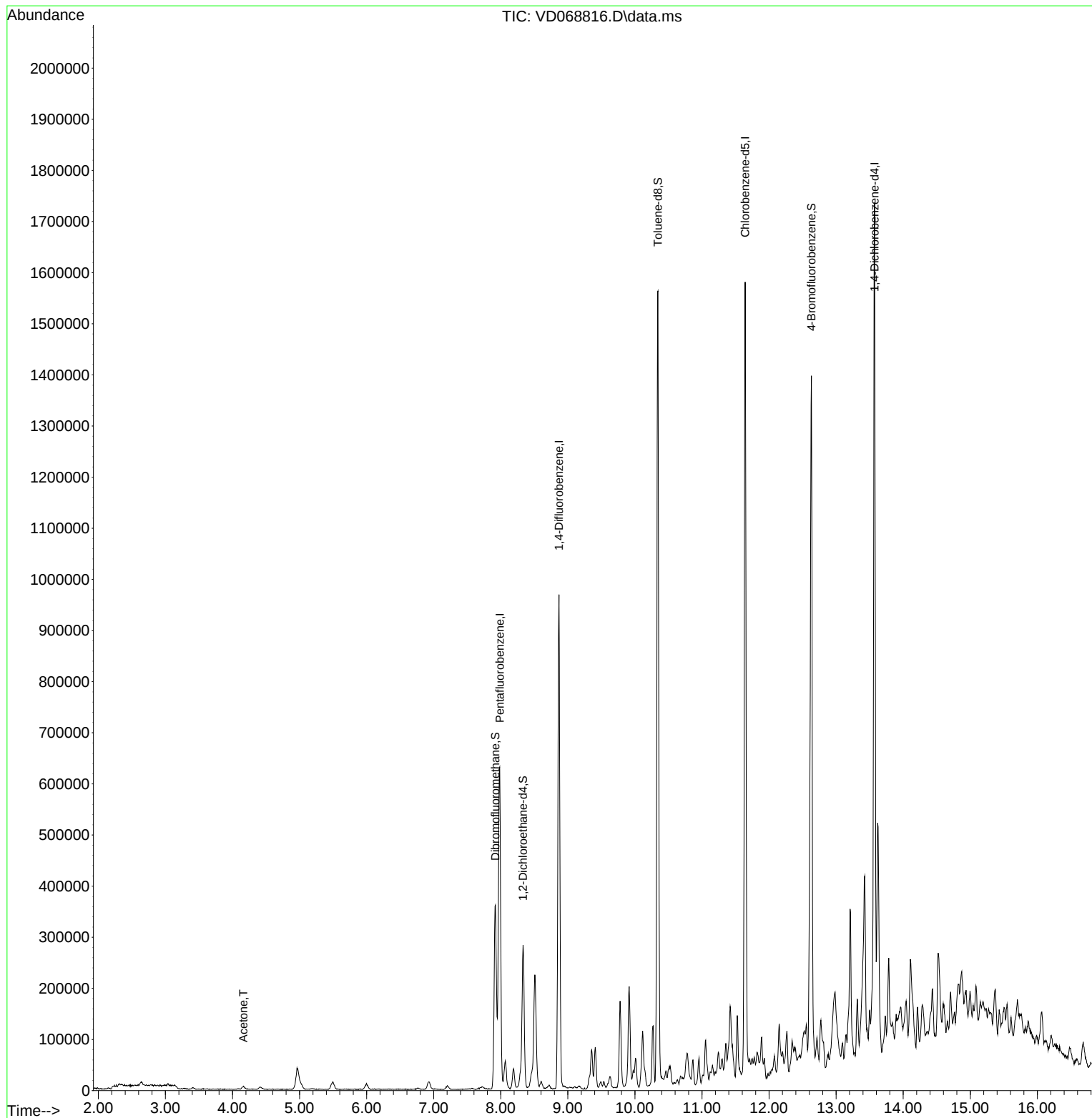
Internal Standards						
1) Pentafluorobenzene	7.985	168	496535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	875800	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	929779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	461054	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	221416	42.19	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.38%
35) Dibromofluoromethane	7.920	113	265976	46.69	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.38%
50) Toluene-d8	10.344	98	1111332	51.71	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.42%
62) 4-Bromofluorobenzene	12.632	95	431256	60.42	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.84%
Target Compounds						
16) Acetone	4.162	43	9769	13.44	ug/l	Qvalue 88

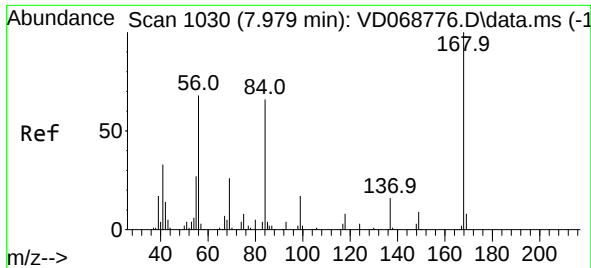
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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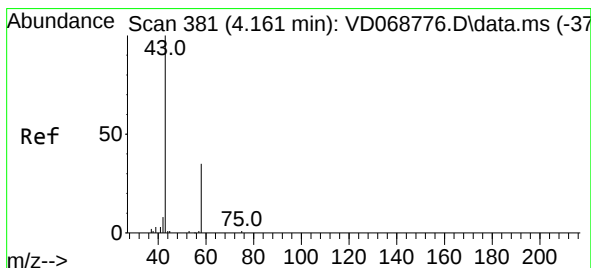
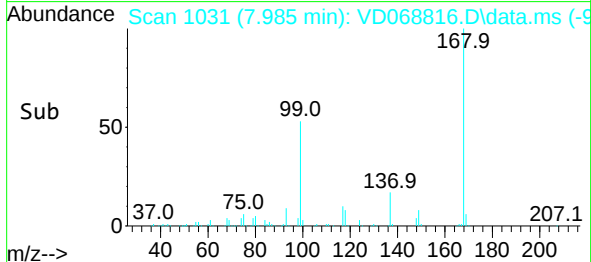
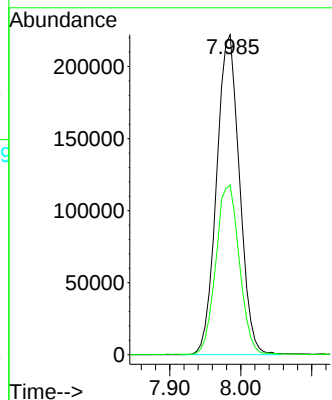
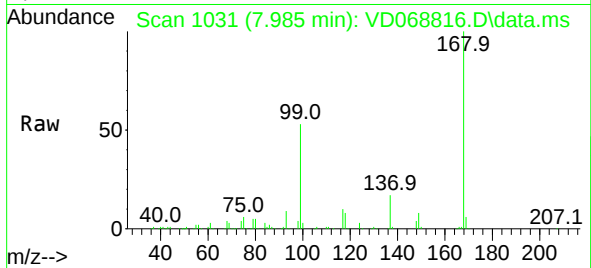




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068816.D
Acq: 09 Apr 2021 17:14

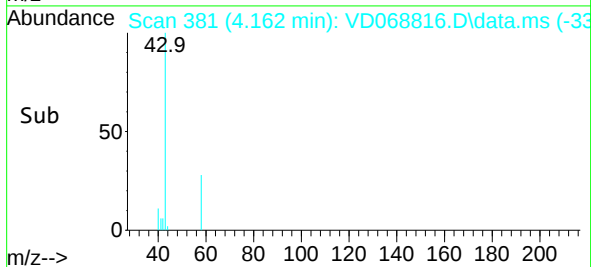
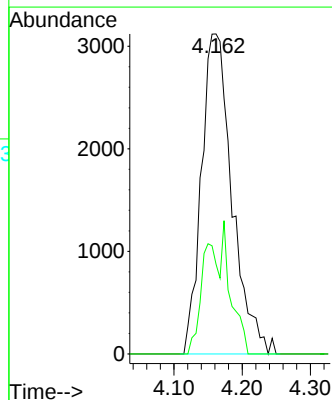
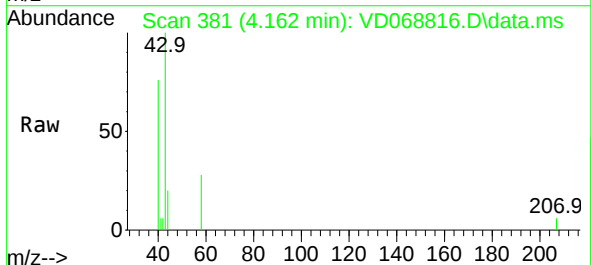
Instrument :
MSVOA_D
ClientSampled :
S-2

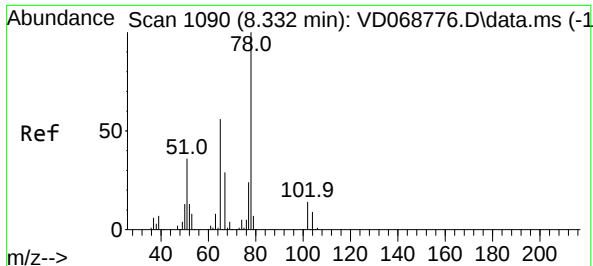
Tgt Ion:168 Resp: 496535
Ion Ratio Lower Upper
168 100
99 52.9 46.2 69.2



#16
Acetone
Concen: 13.44 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068816.D
Acq: 09 Apr 2021 17:14

Tgt Ion: 43 Resp: 9769
Ion Ratio Lower Upper
43 100
58 28.0 28.0 42.0



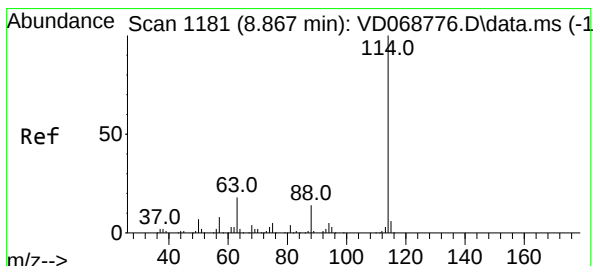
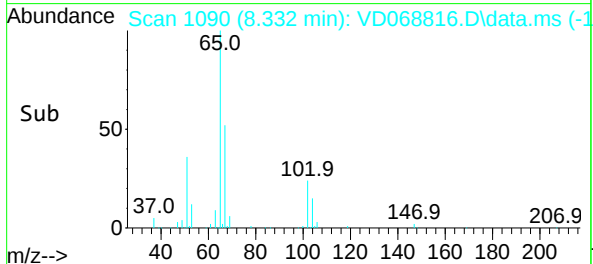
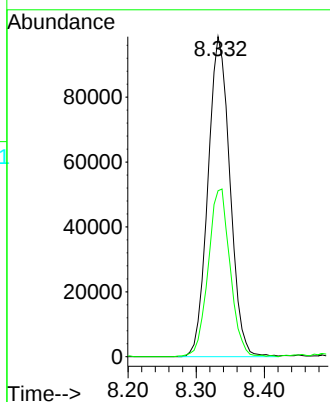
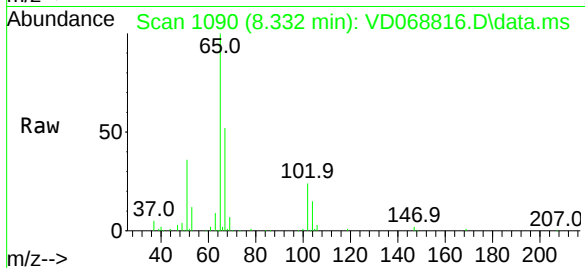


#33

1,2-Dichloroethane-d4
Concen: 42.19 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068816.D
Acq: 09 Apr 2021 17:14

Instrument :
MSVOA_D
ClientSampled :
S-2

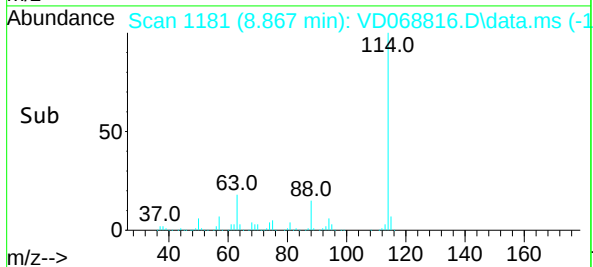
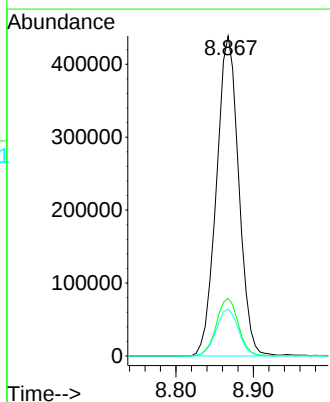
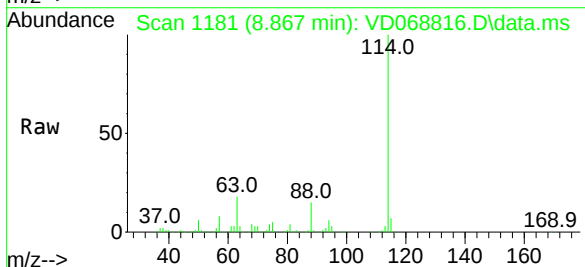
Tgt Ion: 65 Resp: 221416
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.0

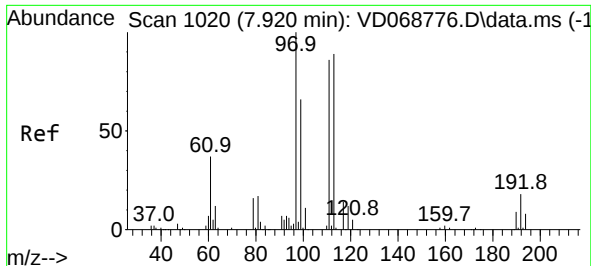


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068816.D
Acq: 09 Apr 2021 17:14

Tgt Ion: 114 Resp: 875800
Ion Ratio Lower Upper
114 100
63 18.0 0.0 38.2
88 14.6 0.0 29.4





#35

Dibromofluoromethane

Concen: 46.69 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068816.D

Acq: 09 Apr 2021 17:14

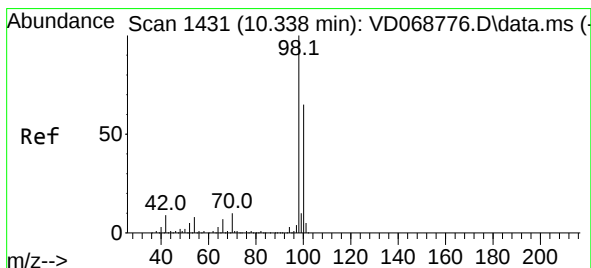
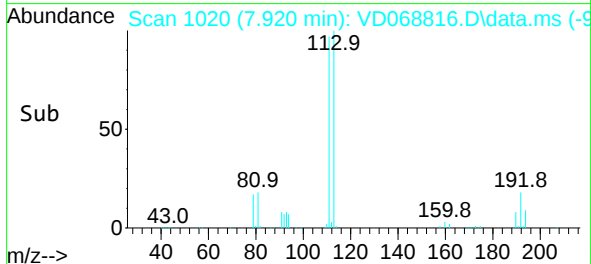
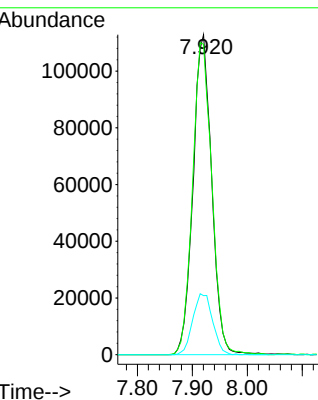
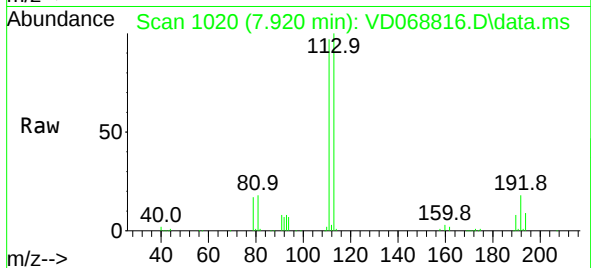
Tgt Ion:113 Resp: 265976

Ion Ratio Lower Upper

113 100

111 100.8 82.5 123.7

192 20.3 15.1 22.7



#50

Toluene-d8

Concen: 51.71 ug/l

RT: 10.344 min Scan# 1432

Delta R.T. 0.006 min

Lab File: VD068816.D

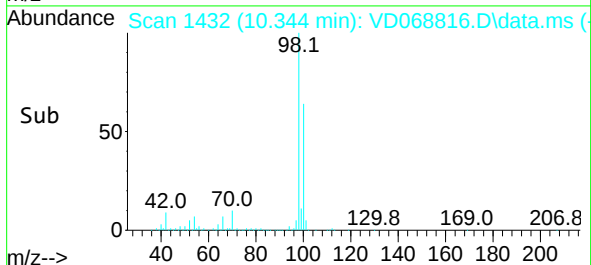
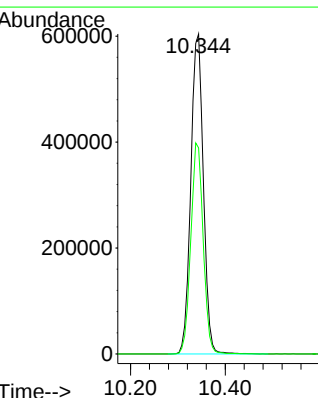
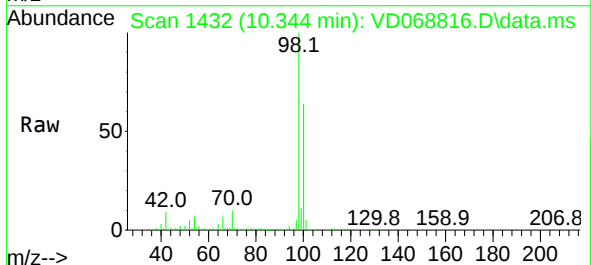
Acq: 09 Apr 2021 17:14

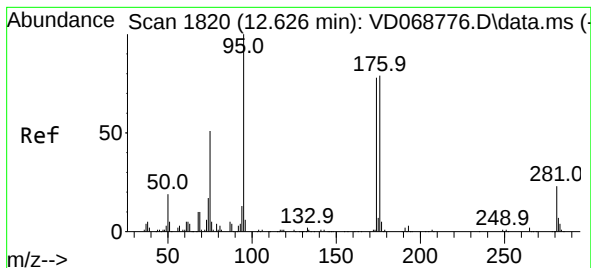
Tgt Ion: 98 Resp: 1111332

Ion Ratio Lower Upper

98 100

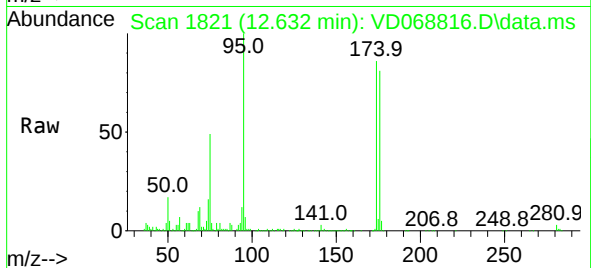
100 65.1 51.8 77.6



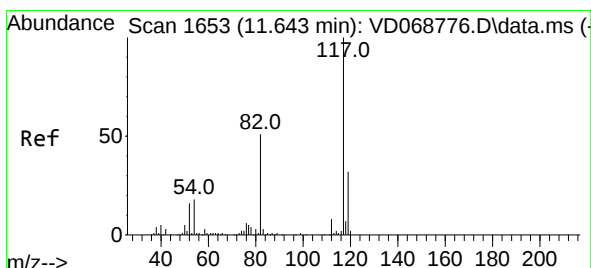
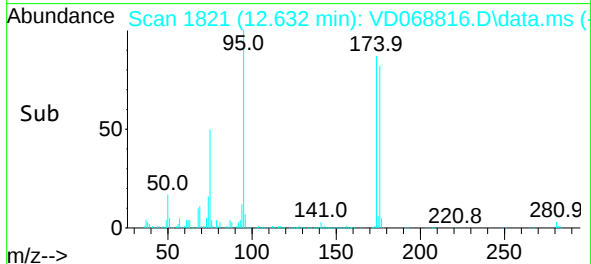
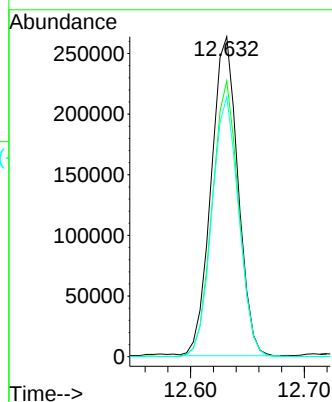


#62
4-Bromofluorobenzene
Concen: 60.42 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068816.D
Acq: 09 Apr 2021 17:14

Instrument :
MSVOA_D
ClientSampleId :
S-2

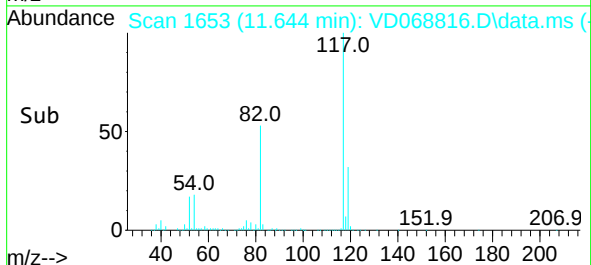
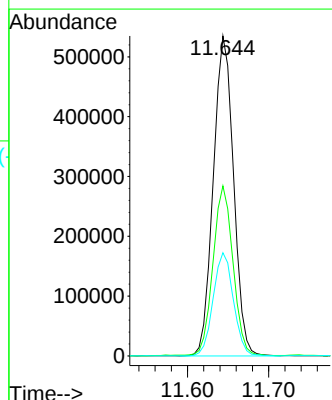
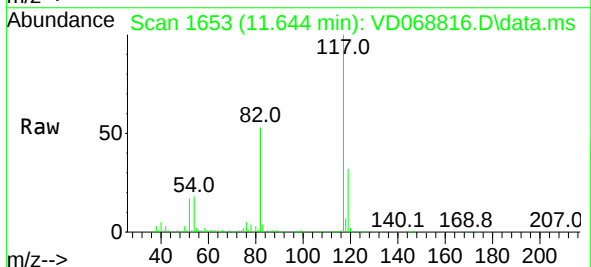


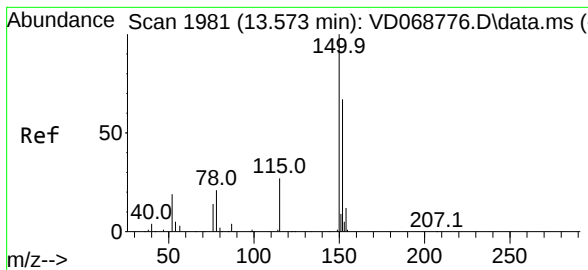
Tgt Ion: 95 Resp: 431256
Ion Ratio Lower Upper
95 100
174 85.4 0.0 168.0
176 81.5 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068816.D
Acq: 09 Apr 2021 17:14

Tgt Ion: 117 Resp: 929779
Ion Ratio Lower Upper
117 100
82 53.0 43.5 65.3
119 32.2 26.7 40.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. -0.000 min
 Lab File: VD068816.D
 Acq: 09 Apr 2021 17:14

Instrument :
 MSVOA_D
 ClientSampleId :
 S-2

Tgt Ion:152 Resp: 461054
 Ion Ratio Lower Upper
 152 100
 115 59.4 29.3 87.8
 150 157.3 0.0 347.6

