

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
 Data File : VD071853.D
 Acq On : 31 Jan 2022 18:54
 Operator : VA/SY
 Sample : N1335-07
 Misc : 9.71G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-4S

Quant Time: Feb 01 04:05:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

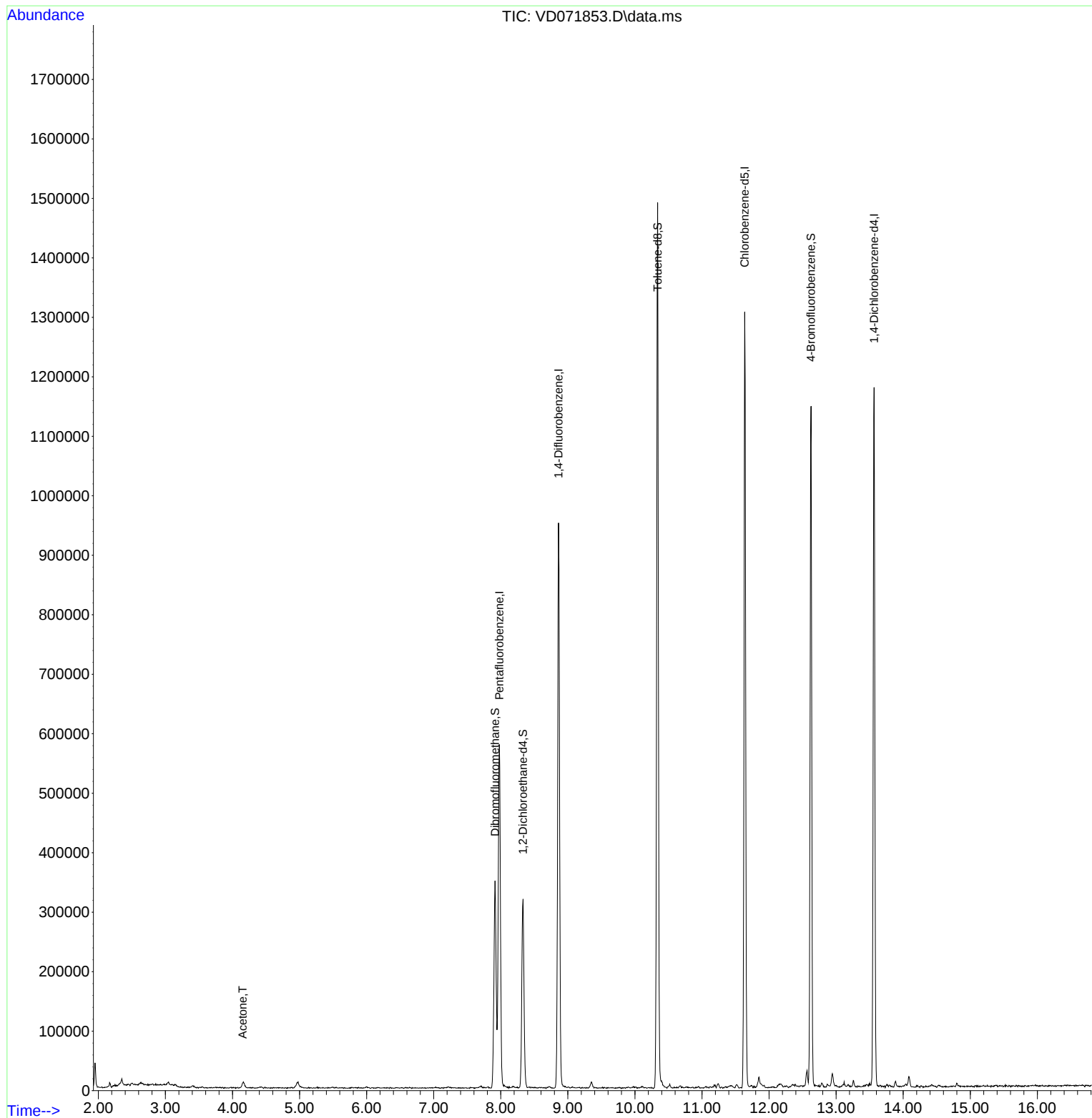
Internal Standards						
1) Pentafluorobenzene	7.979	168	397220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	740596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	690582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	290417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	251226	50.038	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.080%	
35) Dibromofluoromethane	7.914	113	236604	48.602	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.200%	
50) Toluene-d8	10.338	98	950592	52.285	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.580%	
62) 4-Bromofluorobenzene	12.626	95	305253	48.079	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.160%	
Target Compounds						
16) Acetone	4.150	43	17164	12.489	ug/l	Qvalue # 77

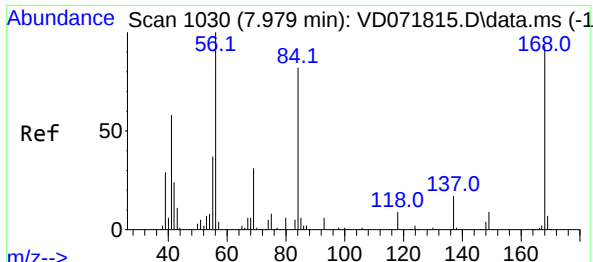
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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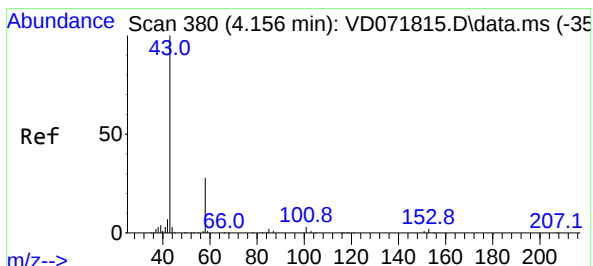
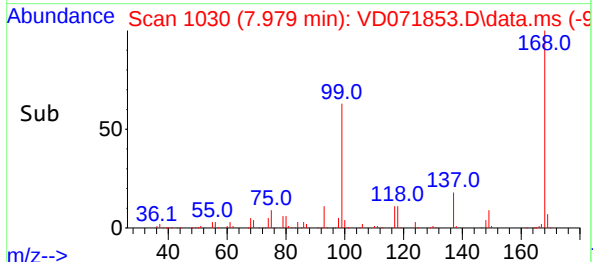
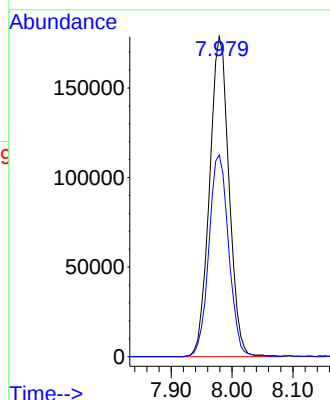
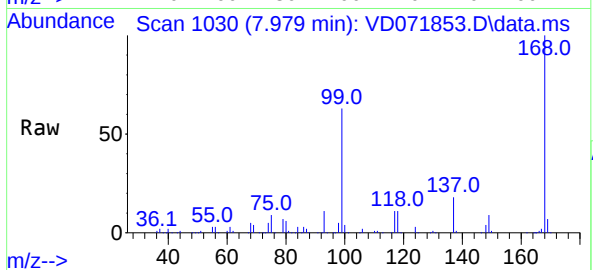




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071853.D
Acq: 31 Jan 2022 18:54

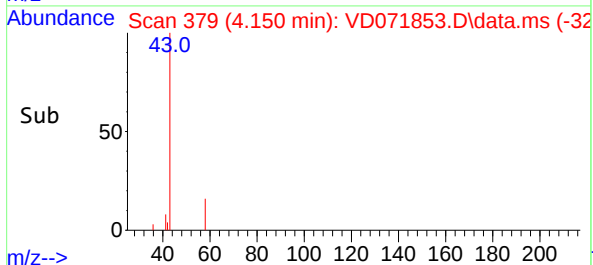
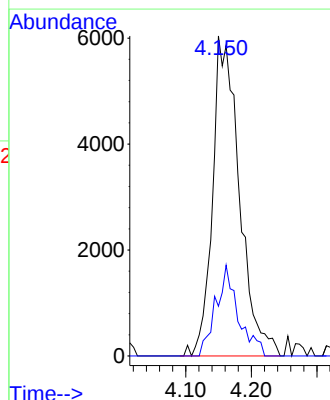
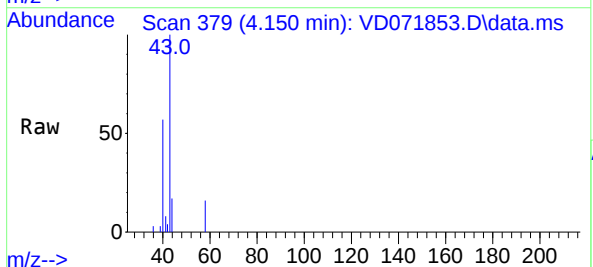
Instrument :
MSVOA_D
ClientSampleId :
MH-4S

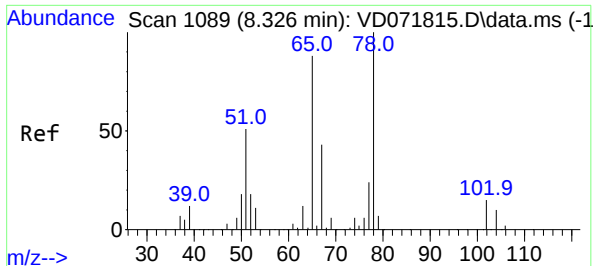
Tgt Ion:168 Resp: 397220
Ion Ratio Lower Upper
168 100
99 63.1 49.8 74.6



#16
Acetone
Concen: 12.489 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD071853.D
Acq: 31 Jan 2022 18:54

Tgt Ion: 43 Resp: 17164
Ion Ratio Lower Upper
43 100
58 15.6 22.1 33.1#





#33

1,2-Dichloroethane-d4

Concen: 50.038 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071853.D

Acq: 31 Jan 2022 18:54

Instrument :

MSVOA_D

ClientSampleId :

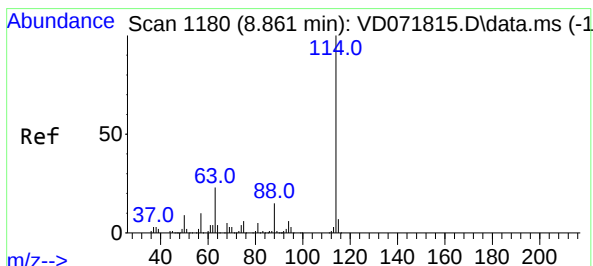
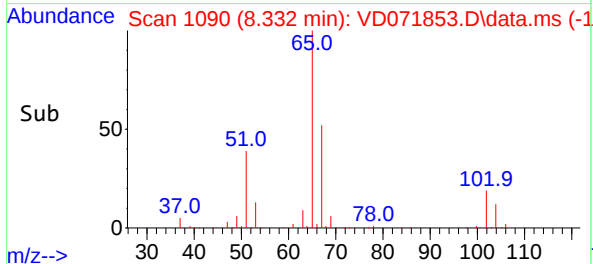
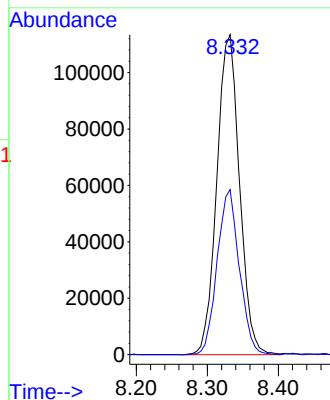
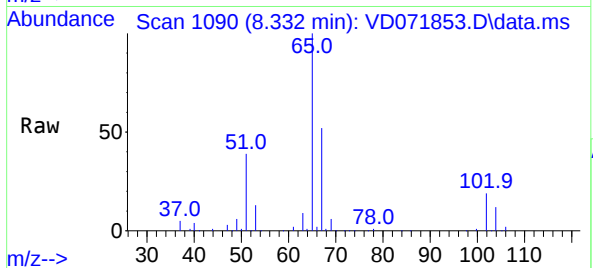
MH-4S

Tgt Ion: 65 Resp: 251226

Ion Ratio Lower Upper

65 100

67 50.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD071853.D

Acq: 31 Jan 2022 18:54

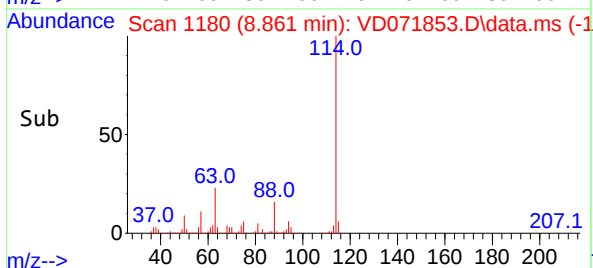
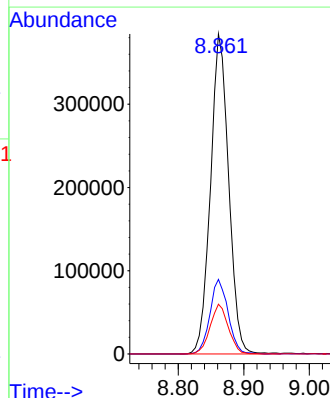
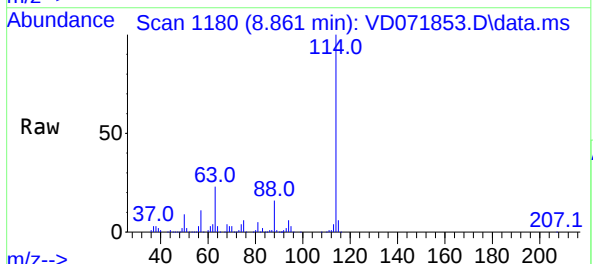
Tgt Ion:114 Resp: 740596

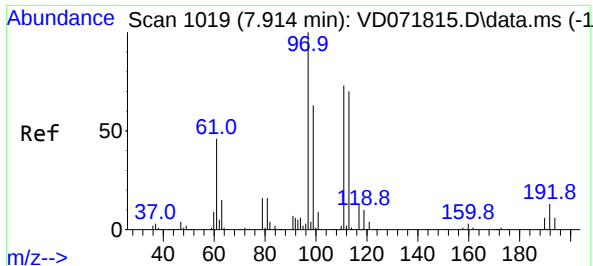
Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.6

88 15.6 0.0 33.2

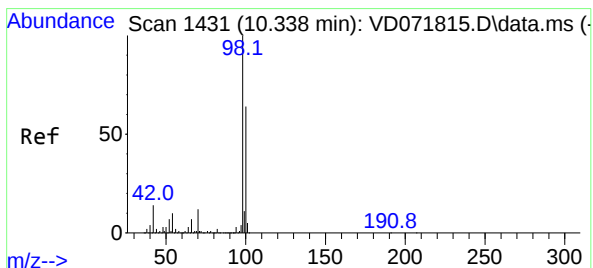
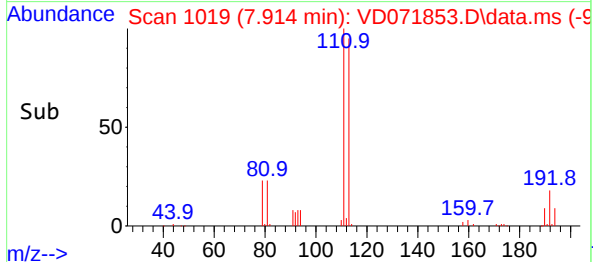
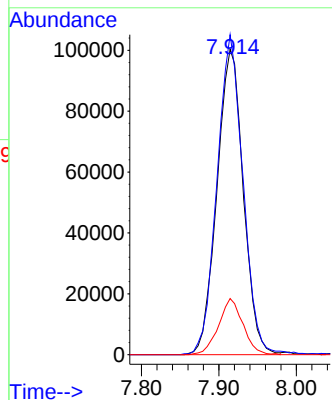
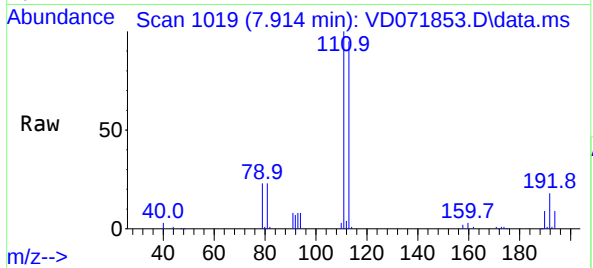




#35
Dibromofluoromethane
Concen: 48.602 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071853.D
Acq: 31 Jan 2022 18:54

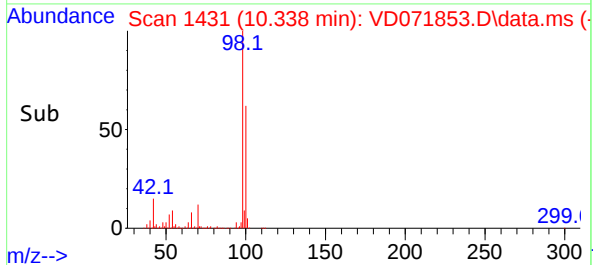
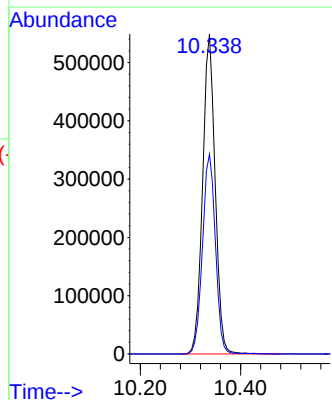
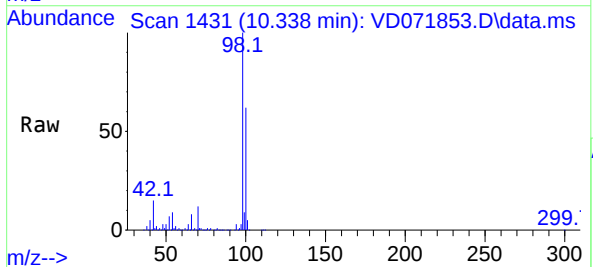
Instrument :
MSVOA_D
ClientSampleId :
MH-4S

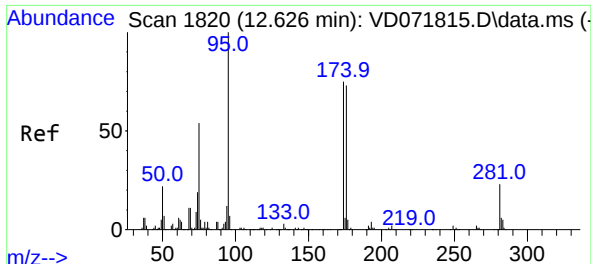
Tgt Ion:113 Resp: 236604
Ion Ratio Lower Upper
113 100
111 103.7 83.8 125.6
192 17.1 14.6 21.8



#50
Toluene-d8
Concen: 52.285 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071853.D
Acq: 31 Jan 2022 18:54

Tgt Ion: 98 Resp: 950592
Ion Ratio Lower Upper
98 100
100 64.5 52.4 78.6

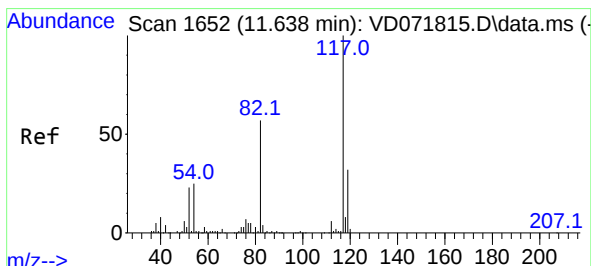
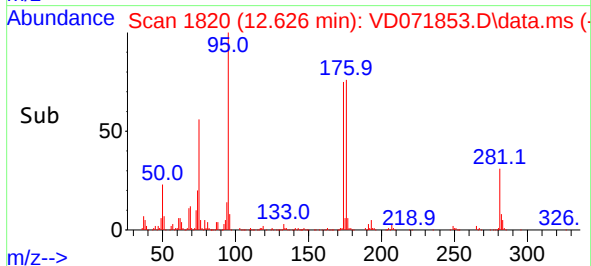
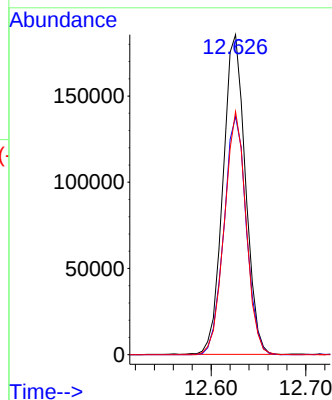
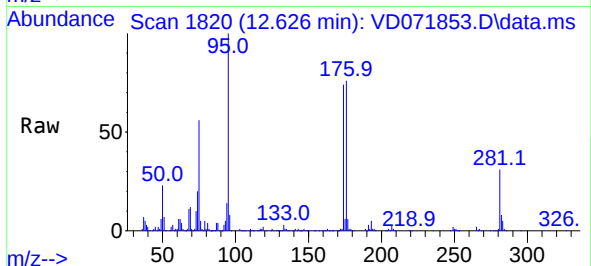




#62
4-Bromofluorobenzene
Concen: 48.079 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071853.D
Acq: 31 Jan 2022 18:54

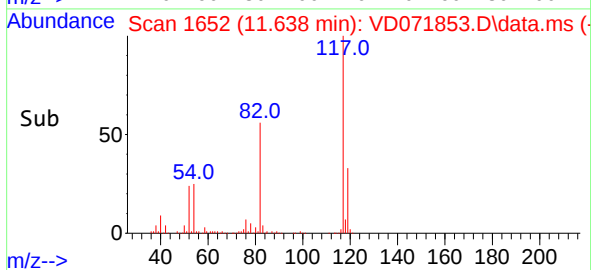
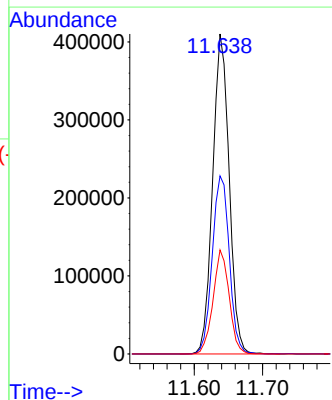
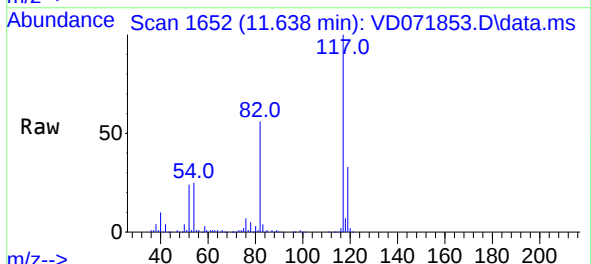
Instrument :
MSVOA_D
ClientSampleId :
MH-4S

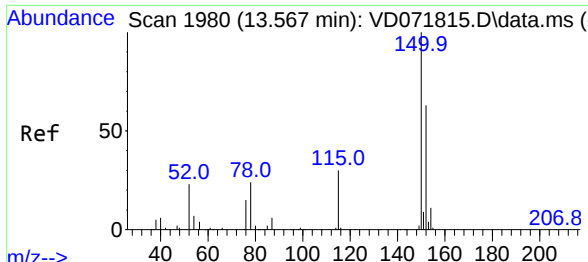
Tgt Ion: 95 Resp: 305253
Ion Ratio Lower Upper
95 100
174 74.3 0.0 152.8
176 73.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071853.D
Acq: 31 Jan 2022 18:54

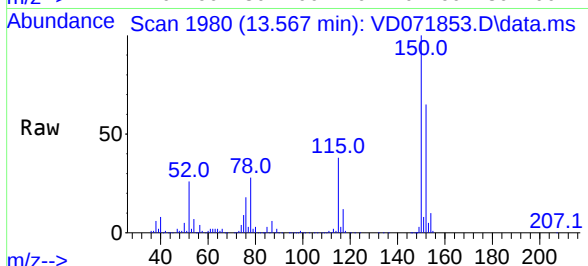
Tgt Ion: 117 Resp: 690582
Ion Ratio Lower Upper
117 100
82 55.7 45.3 67.9
119 32.5 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD071853.D
 Acq: 31 Jan 2022 18:54

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-4S



Tgt Ion:152 Resp: 290417

Ion	Ratio	Lower	Upper
152	100		
115	61.9	31.3	93.8
150	157.7	0.0	348.6

