

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012822\
 Data File : VD071820.D
 Acq On : 28 Jan 2022 13:25
 Operator : VA/SY
 Sample : N1319-04
 Misc : 9.86G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-1D

Quant Time: Jan 29 04:51:12 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)

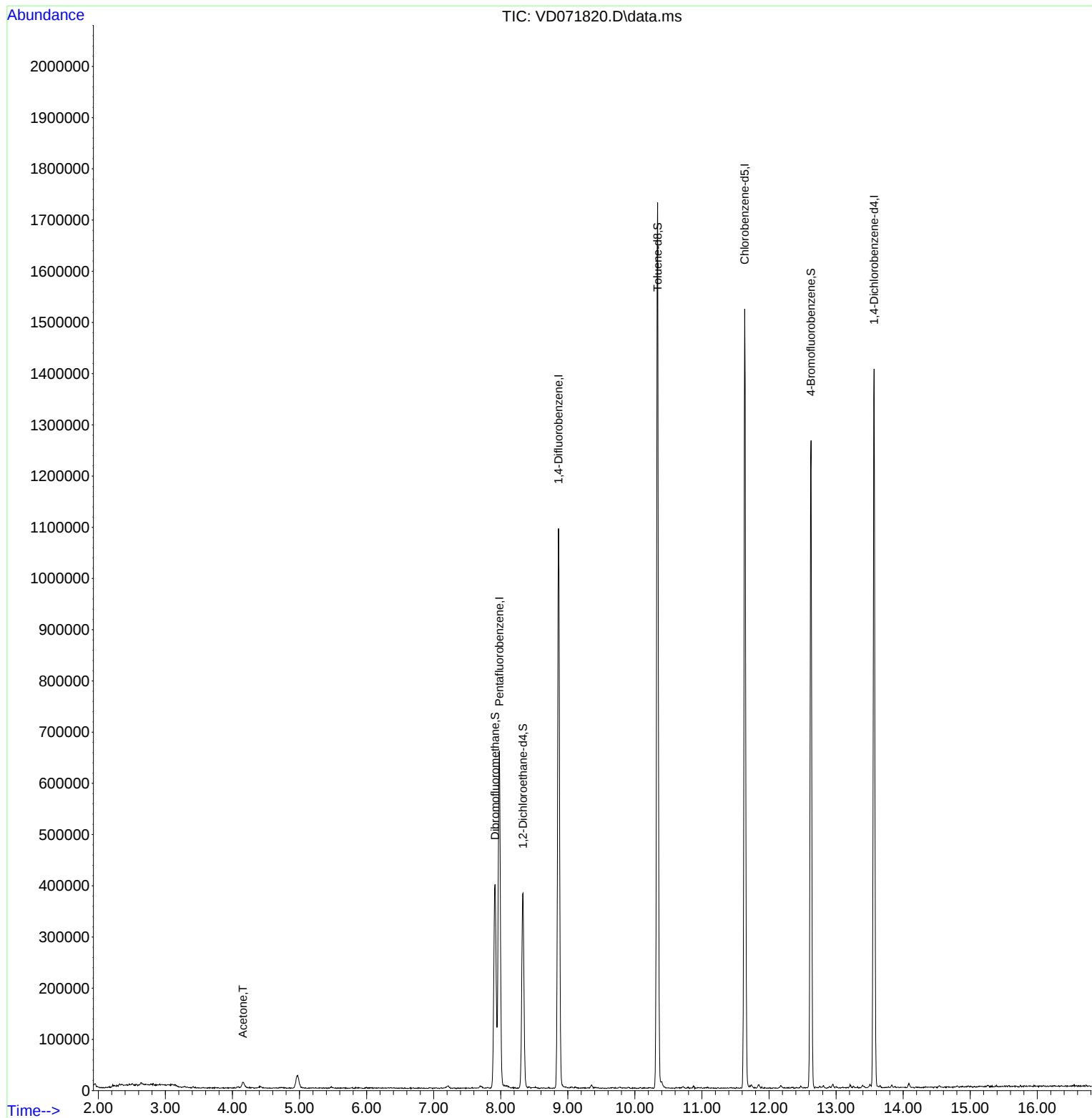
Internal Standards						
1) Pentafluorobenzene	7.979	168	463101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	883144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	817958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	348037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	314127	53.666	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.340%	
35) Dibromofluoromethane	7.914	113	287722	49.563	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.120%	
50) Toluene-d8	10.338	98	1123141	51.805	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.600%	
62) 4-Bromofluorobenzene	12.626	95	363255	47.979	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.960%	
Target Compounds						Qvalue
16) Acetone	4.156	43	21611	13.487	ug/l	98

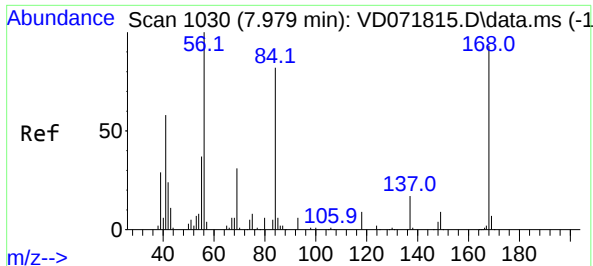
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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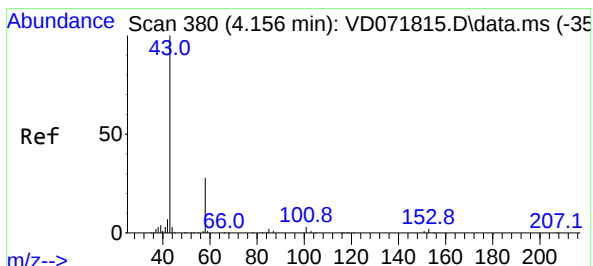
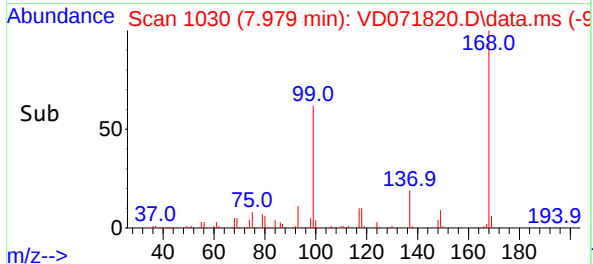
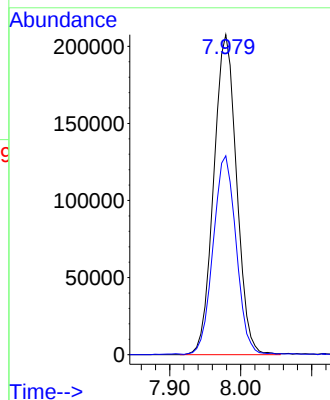
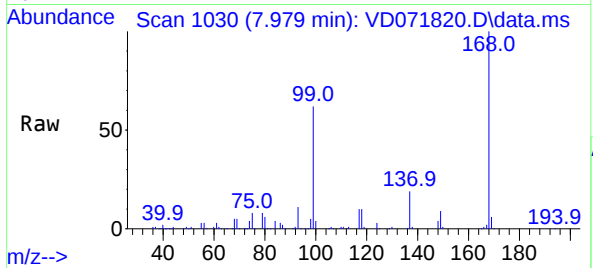




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD071820.D
Acq: 28 Jan 2022 13:25

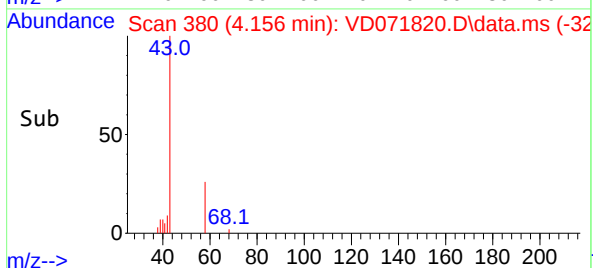
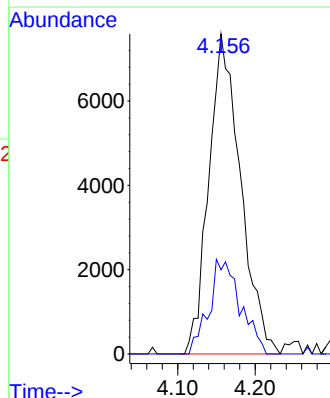
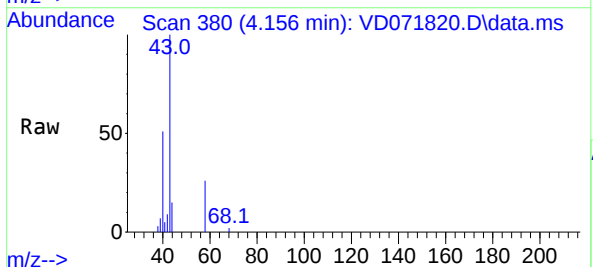
Instrument :
MSVOA_D
ClientSampleId :
MH-1D

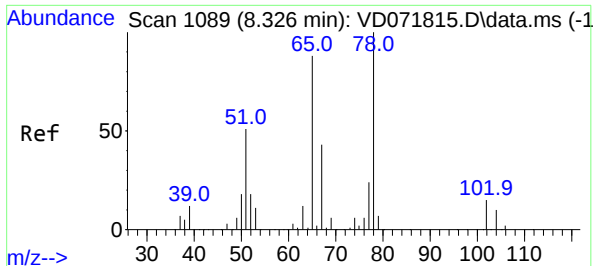
Tgt Ion:168 Resp: 463101
Ion Ratio Lower Upper
168 100
99 62.0 49.8 74.6



#16
Acetone
Concen: 13.487 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD071820.D
Acq: 28 Jan 2022 13:25

Tgt Ion: 43 Resp: 21611
Ion Ratio Lower Upper
43 100
58 26.3 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 53.666 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071820.D

Acq: 28 Jan 2022 13:25

Instrument :

MSVOA_D

ClientSampleId :

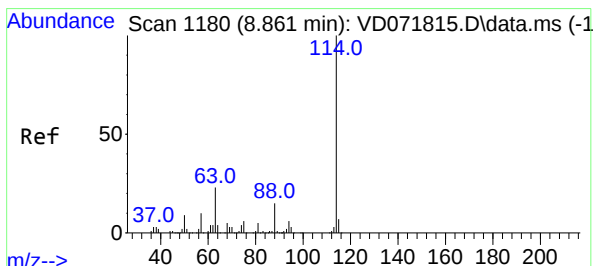
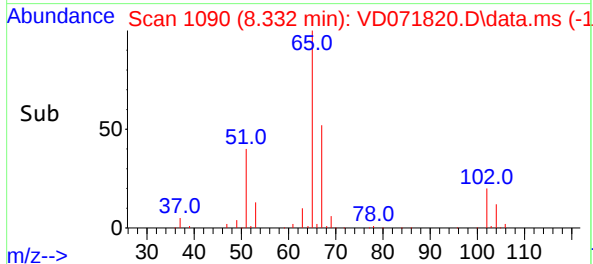
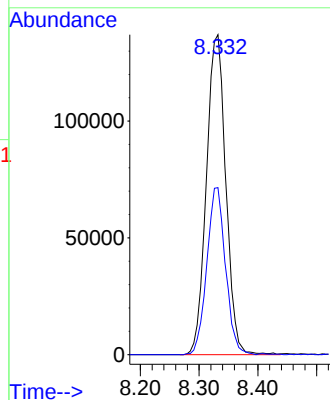
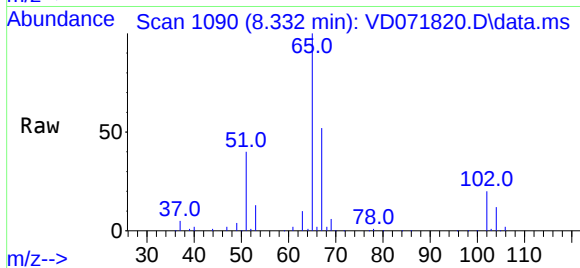
MH-1D

Tgt Ion: 65 Resp: 314127

Ion Ratio Lower Upper

65 100

67 50.2 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: VD071820.D

Acq: 28 Jan 2022 13:25

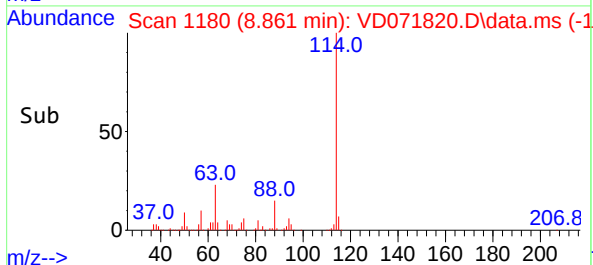
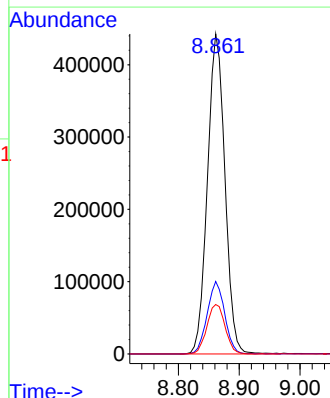
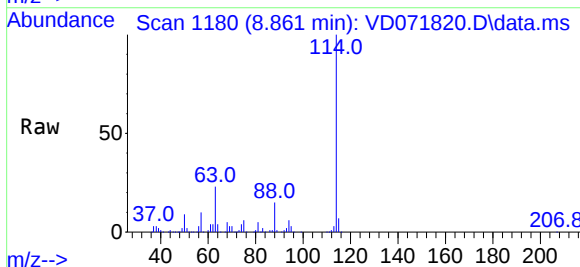
Tgt Ion:114 Resp: 883144

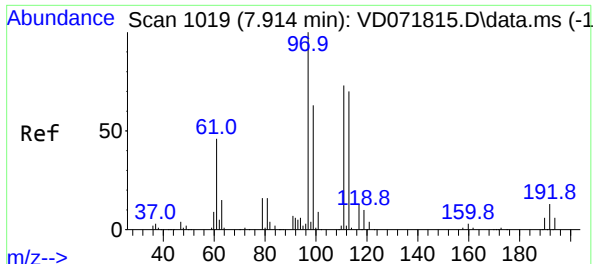
Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.6

88 15.4 0.0 33.2

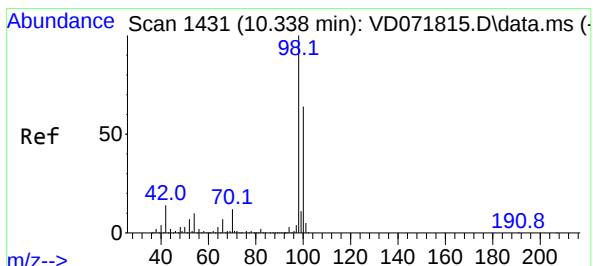
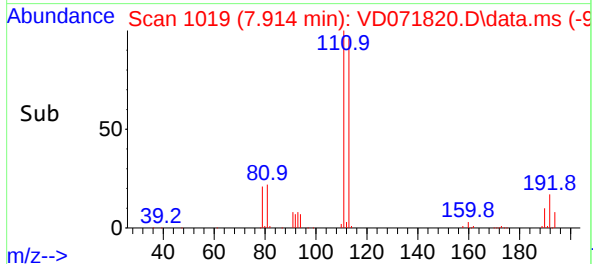
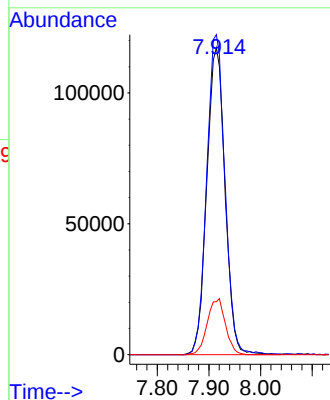
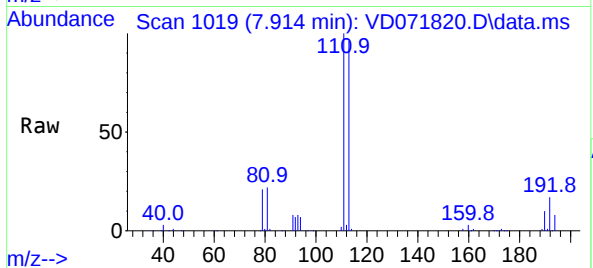




#35
Dibromofluoromethane
Concen: 49.563 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071820.D
Acq: 28 Jan 2022 13:25

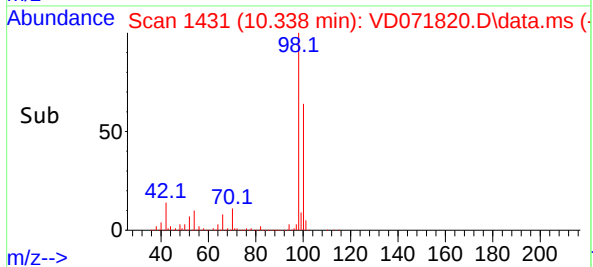
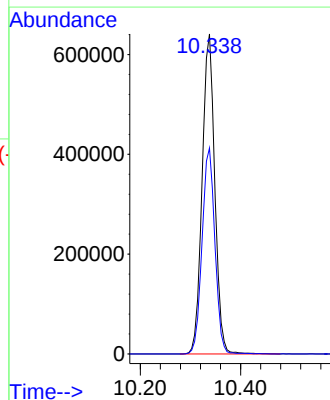
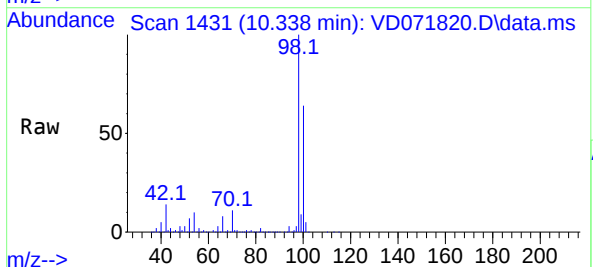
Instrument :
MSVOA_D
ClientSampleId :
MH-1D

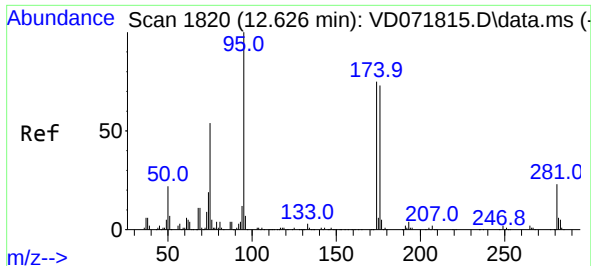
Tgt Ion:113 Resp: 287722
Ion Ratio Lower Upper
113 100
111 103.9 83.8 125.6
192 18.2 14.6 21.8



#50
Toluene-d8
Concen: 51.805 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071820.D
Acq: 28 Jan 2022 13:25

Tgt Ion: 98 Resp: 1123141
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6

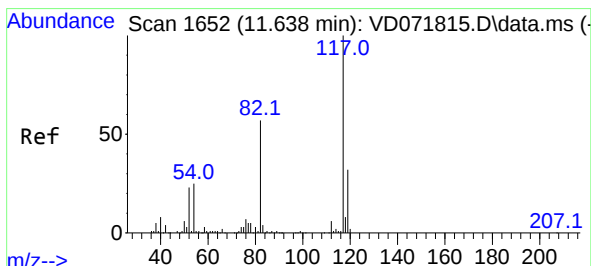
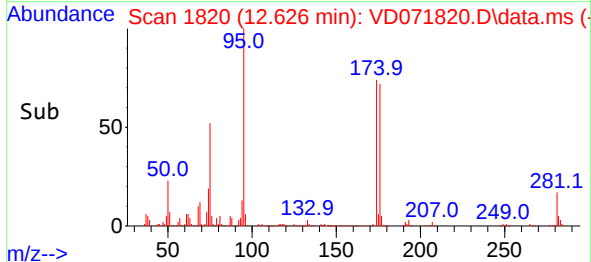
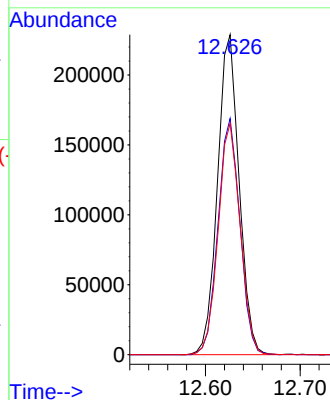
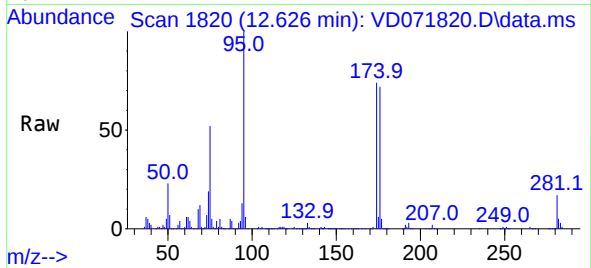




#62
4-Bromofluorobenzene
Concen: 47.979 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071820.D
Acq: 28 Jan 2022 13:25

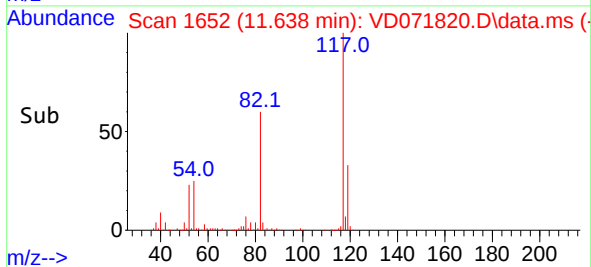
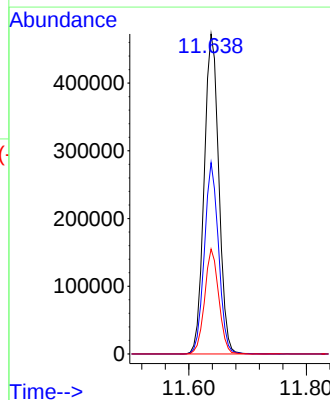
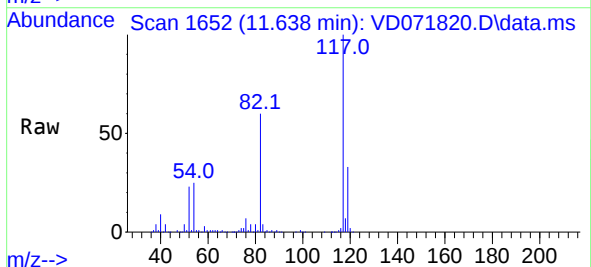
Instrument :
MSVOA_D
ClientSampleId :
MH-1D

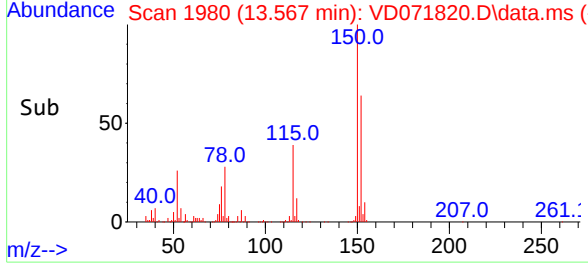
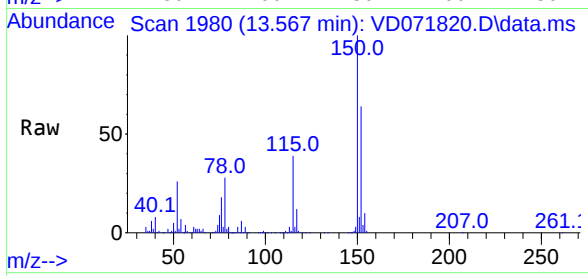
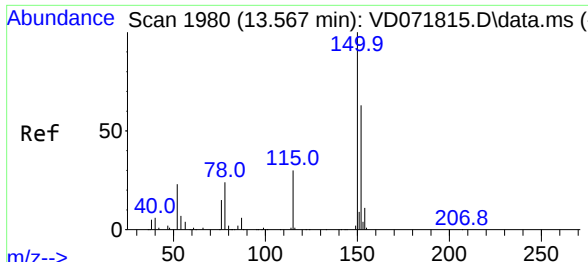
Tgt Ion: 95 Resp: 363255
Ion Ratio Lower Upper
95 100
174 74.5 0.0 152.8
176 73.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071820.D
Acq: 28 Jan 2022 13:25

Tgt Ion: 117 Resp: 817958
Ion Ratio Lower Upper
117 100
82 59.8 45.3 67.9
119 32.8 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: VD071820.D
 Acq: 28 Jan 2022 13:25

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-1D

Tgt Ion:152 Resp: 348037

Ion	Ratio	Lower	Upper
152	100		
115	61.3	31.3	93.8
150	159.2	0.0	348.6

