

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
 Data File : VD071851.D
 Acq On : 31 Jan 2022 17:58
 Operator : VA/SY
 Sample : N1335-01
 Misc : 12.76G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-3S

Quant Time: Feb 01 04:04:44 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)

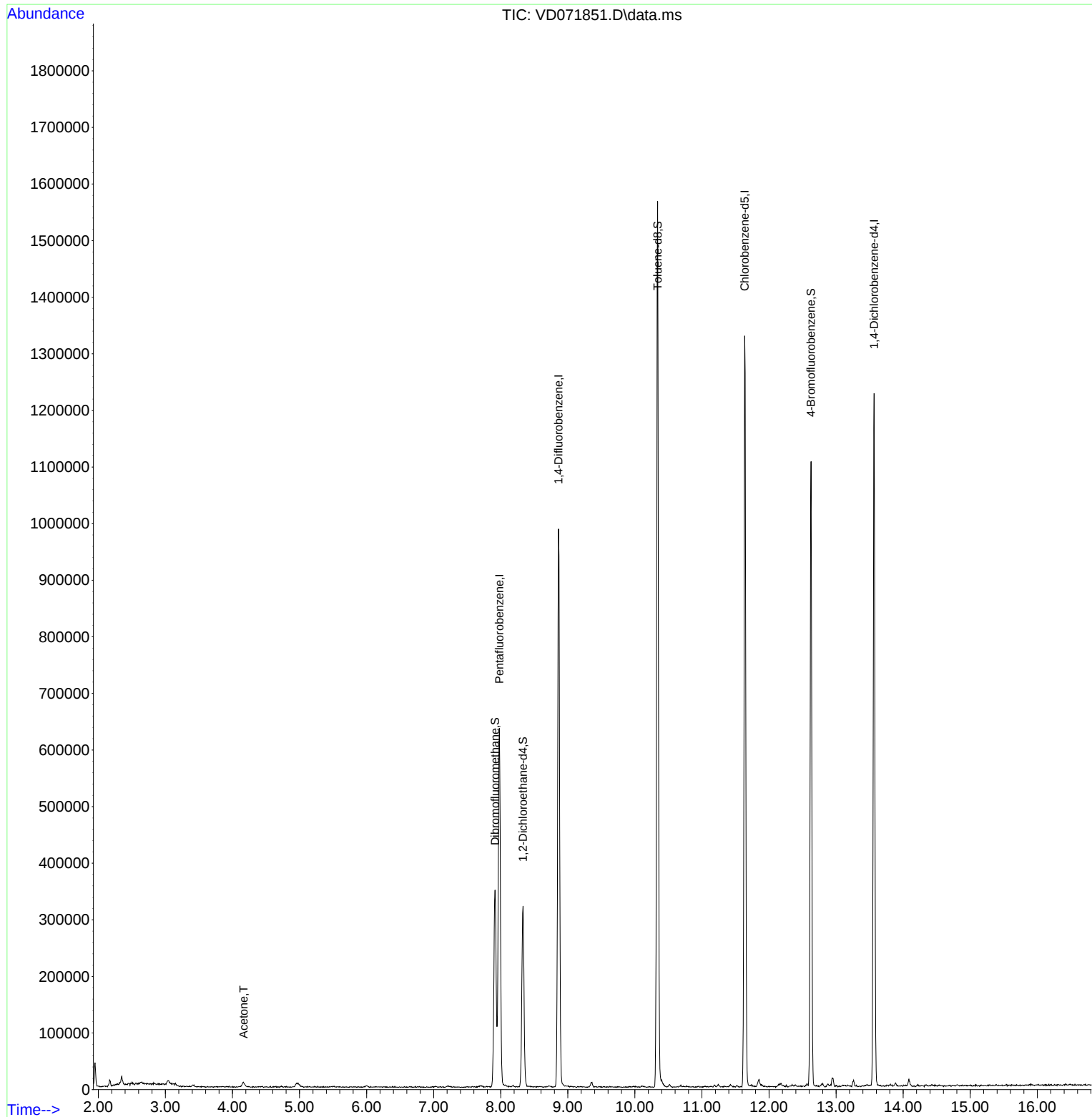
Internal Standards						
1) Pentafluorobenzene	7.979	168	439251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	787054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	715454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	298556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	255935	46.099	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.200%
35) Dibromofluoromethane	7.914	113	250647	48.448	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.900%
50) Toluene-d8	10.338	98	1009248	52.235	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.460%
62) 4-Bromofluorobenzene	12.626	95	311260	46.131	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.260%
Target Compounds						
16) Acetone	4.168	43	14831	9.759	ug/l	Qvalue 95

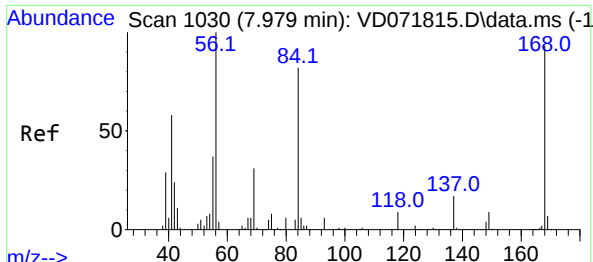
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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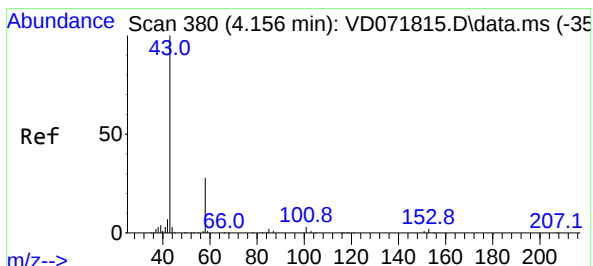
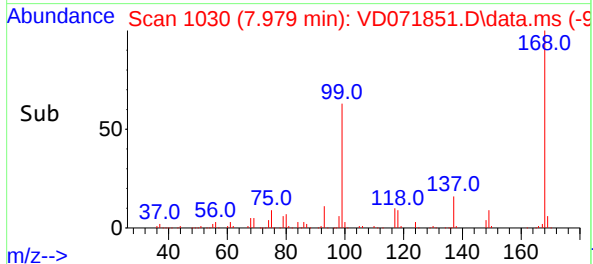
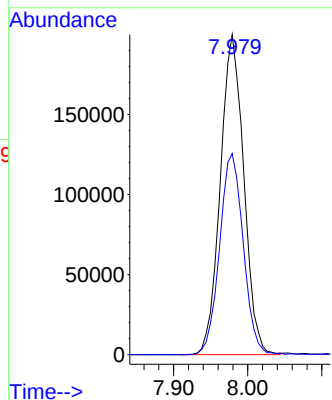
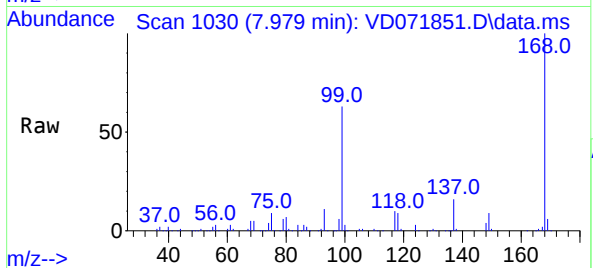




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 31 Jan 2022 17:58

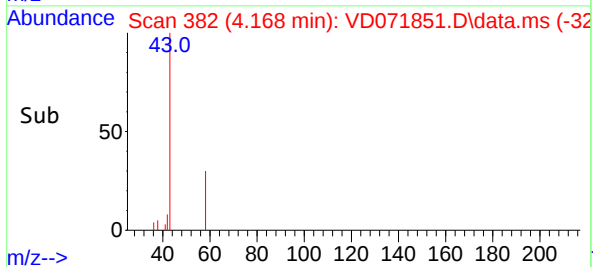
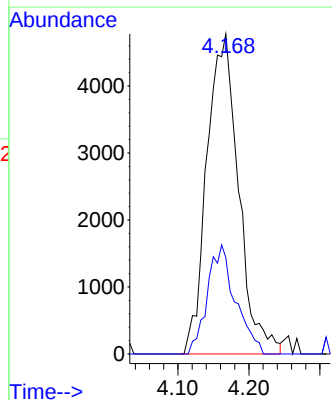
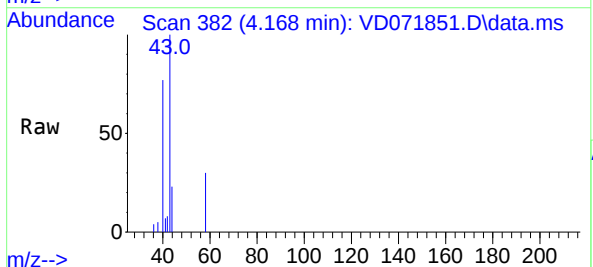
Instrument :
MSVOA_D
ClientSampleId :
MH-3S

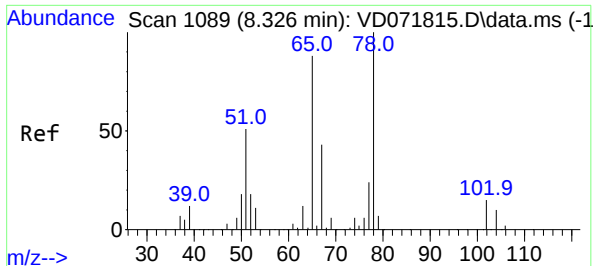
Tgt Ion:168 Resp: 439251
Ion Ratio Lower Upper
168 100
99 62.9 49.8 74.6



#16
Acetone
Concen: 9.759 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD071815.D
Acq: 31 Jan 2022 17:58

Tgt Ion: 43 Resp: 14831
Ion Ratio Lower Upper
43 100
58 30.2 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 46.099 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071851.D

Acq: 31 Jan 2022 17:58

Instrument :

MSVOA_D

ClientSampleId :

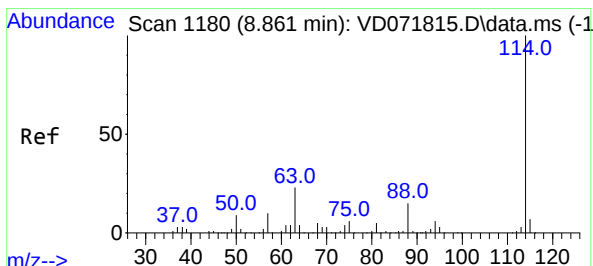
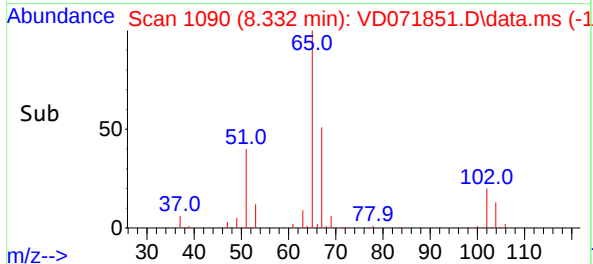
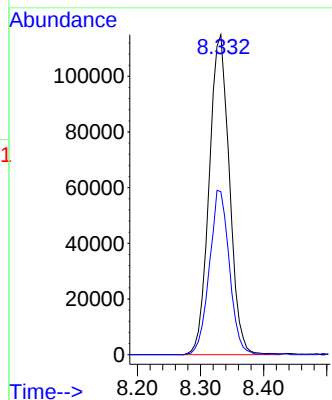
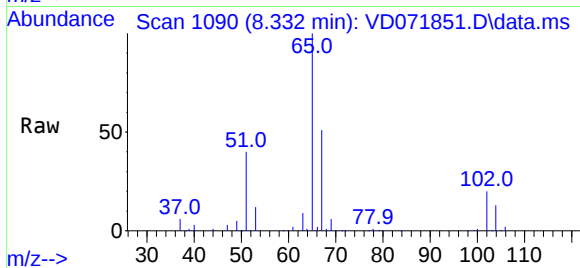
MH-3S

Tgt Ion: 65 Resp: 255935

Ion Ratio Lower Upper

65 100

67 50.7 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: VD071851.D

Acq: 31 Jan 2022 17:58

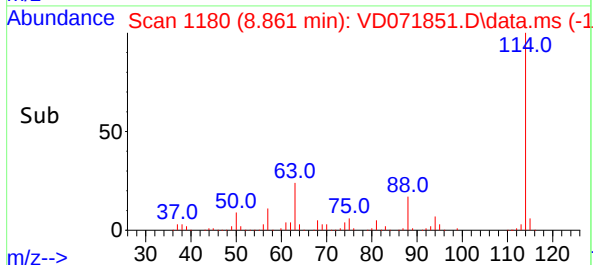
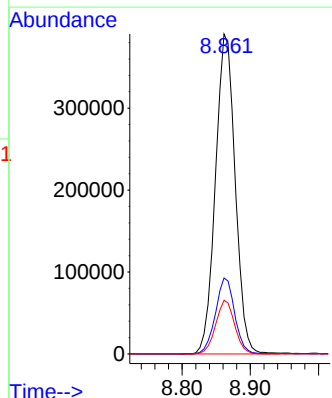
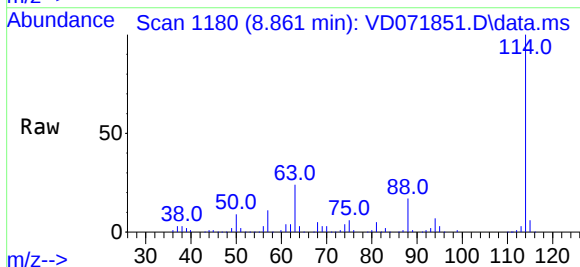
Tgt Ion: 114 Resp: 787054

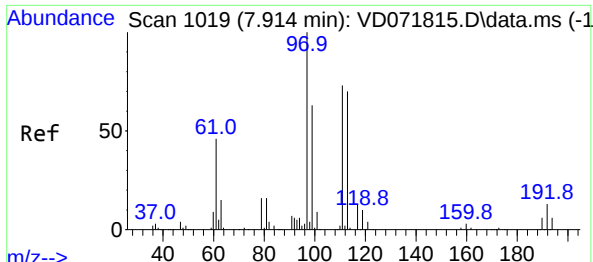
Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.6

88 16.7 0.0 33.2

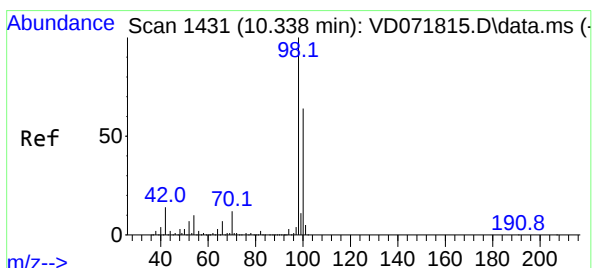
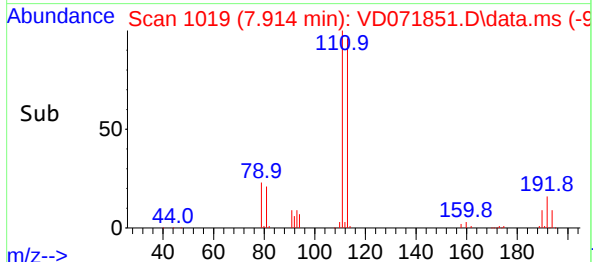
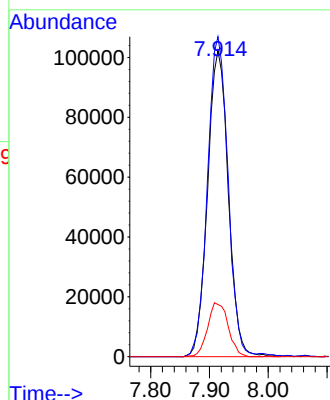
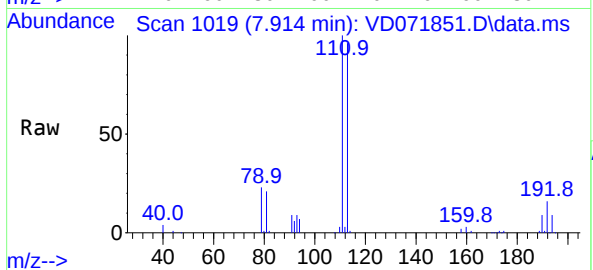




#35
Dibromofluoromethane
Concen: 48.448 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071815.D
Acq: 31 Jan 2022 17:58

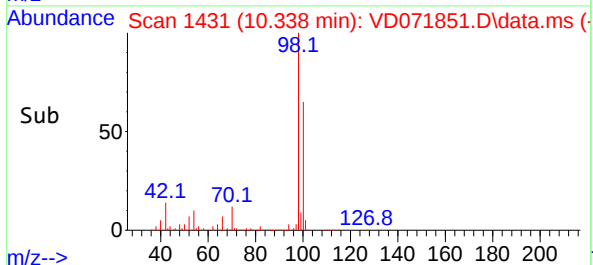
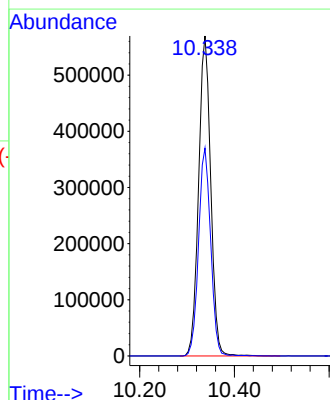
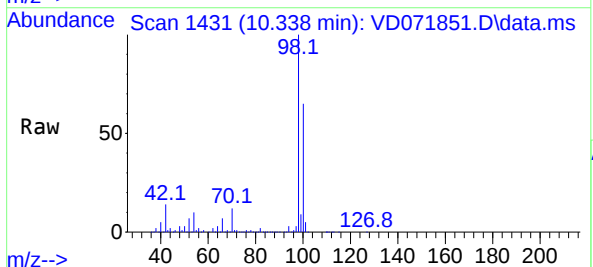
Instrument :
MSVOA_D
ClientSampleId :
MH-3S

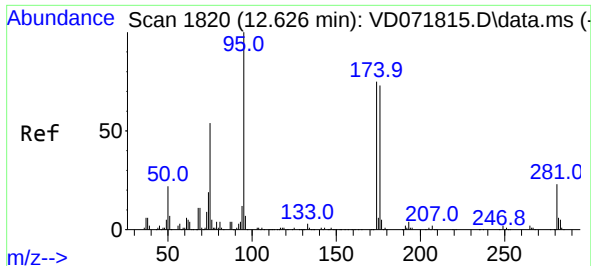
Tgt Ion:113 Resp: 250647
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 17.4 14.6 21.8



#50
Toluene-d8
Concen: 52.235 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071815.D
Acq: 31 Jan 2022 17:58

Tgt Ion: 98 Resp: 1009248
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6

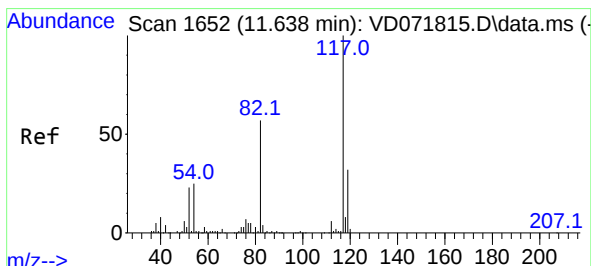
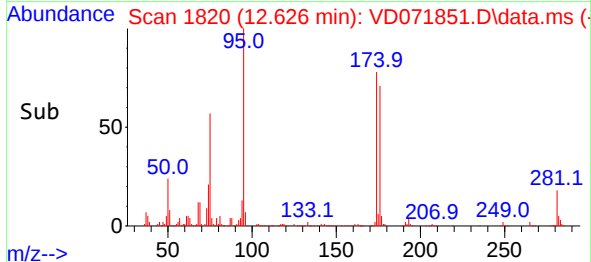
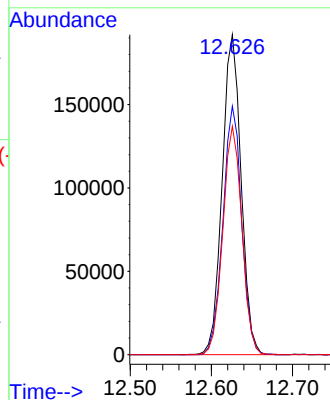
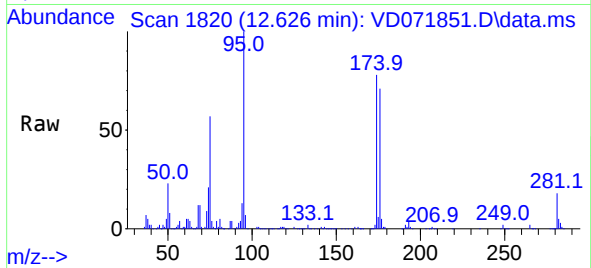




#62
4-Bromofluorobenzene
Concen: 46.131 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071815.D
Acq: 31 Jan 2022 17:58

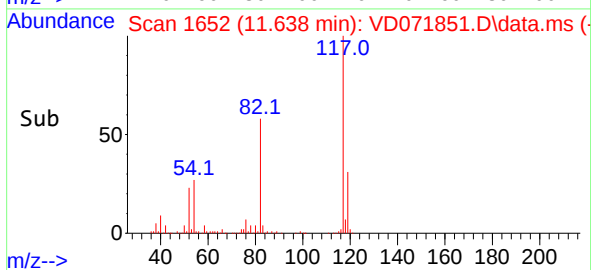
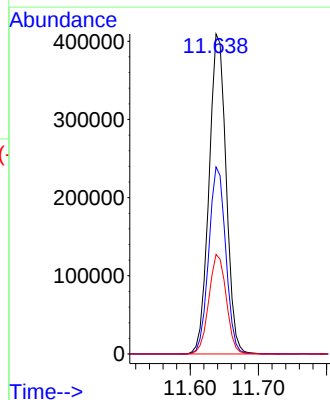
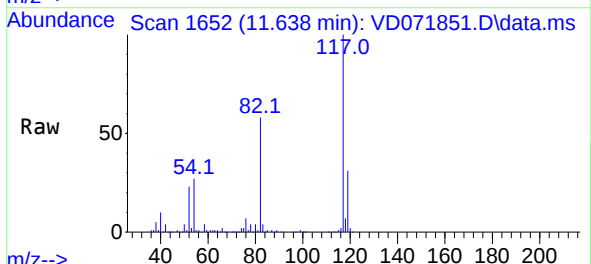
Instrument :
MSVOA_D
ClientSampleId :
MH-3S

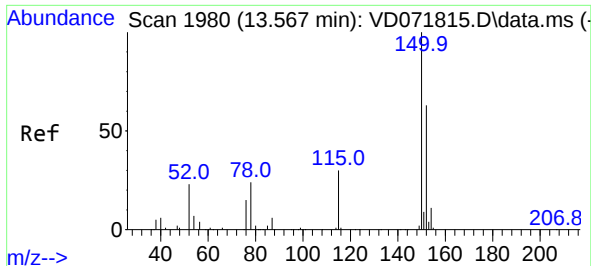
Tgt Ion: 95 Resp: 311260
Ion Ratio Lower Upper
95 100
174 77.1 0.0 152.8
176 71.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071851.D
Acq: 31 Jan 2022 17:58

Tgt Ion: 117 Resp: 715454
Ion Ratio Lower Upper
117 100
82 58.5 45.3 67.9
119 31.1 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: VD071851.D

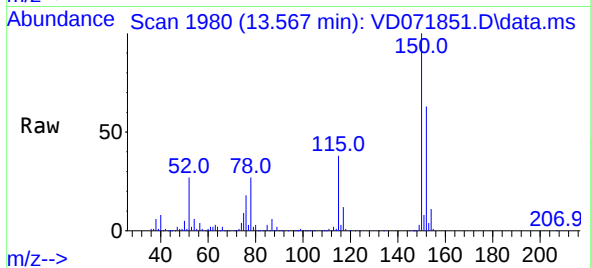
Acq: 31 Jan 2022 17:58

Instrument :

MSVOA_D

ClientSampleId :

MH-3S



Tgt Ion:152 Resp: 298556

Ion Ratio Lower Upper

152 100

115 62.0 31.3 93.8

150 158.7 0.0 348.6

