

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012324\
 Data File : VD078214.D
 Acq On : 23 Jan 2024 17:56
 Operator : RP/MD
 Sample : P1221-01
 Misc : 5.07G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-B

Quant Time: Jan 24 00:24:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.887	168	128742	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	276269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	276992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	119588	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	69526	47.306	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.620%
35) Dibromofluoromethane	7.810	113	86234	47.428	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.860%
50) Toluene-d8	10.269	98	362454	50.344	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.680%
62) 4-Bromofluorobenzene	12.575	95	109352	52.375	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.740%

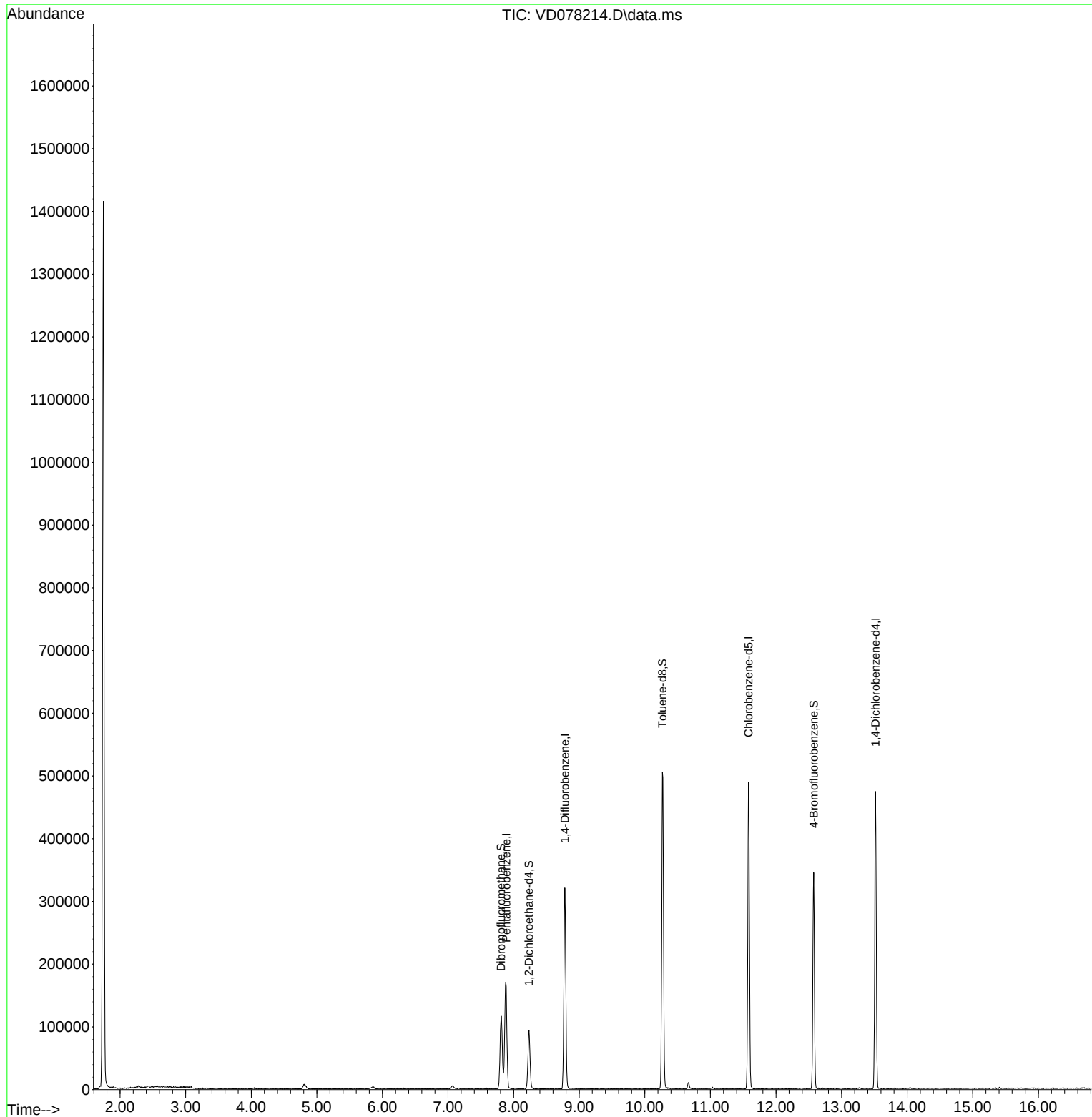
Target Compounds	Qvalue

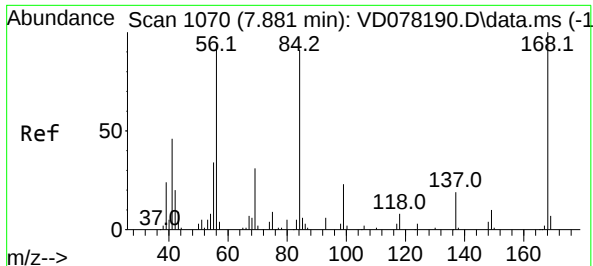
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012324\
Data File : VD078214.D
Acq On : 23 Jan 2024 17:56
Operator : RP/MD
Sample : P1221-01
Misc : 5.07G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MH-B

Quant Time: Jan 24 00:24:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 23 05:43:07 2024
Response via : Initial Calibration

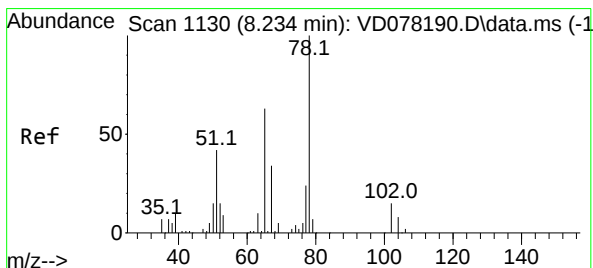
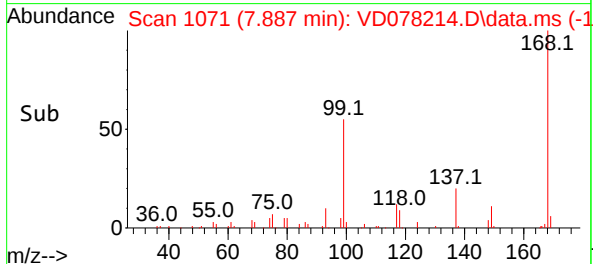
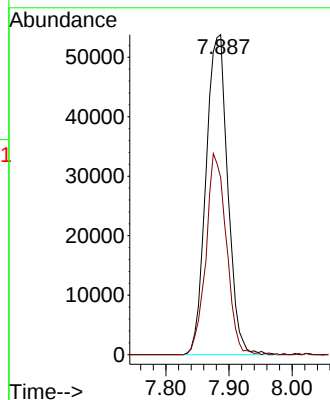
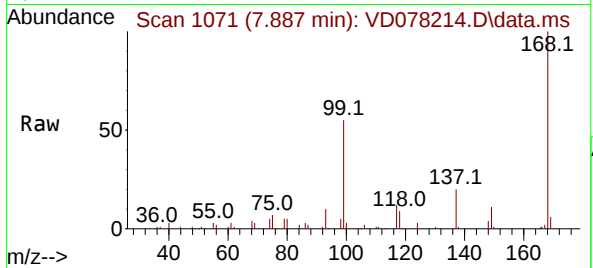




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.887 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD078214.D
Acq: 23 Jan 2024 17:56

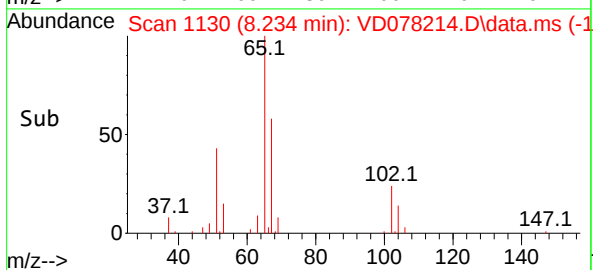
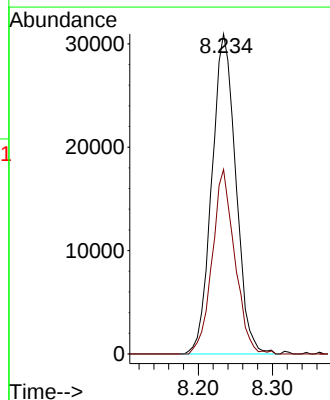
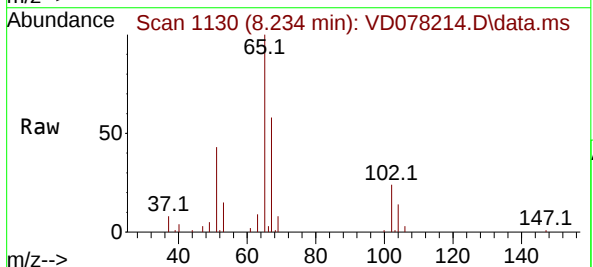
Instrument :
MSVOA_D
ClientSampleId :
MH-B

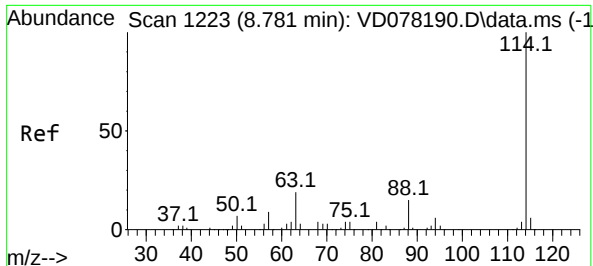
Tgt Ion:168 Resp: 128742
Ion Ratio Lower Upper
168 100
99 55.4 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 47.306 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078214.D
Acq: 23 Jan 2024 17:56

Tgt Ion: 65 Resp: 69526
Ion Ratio Lower Upper
65 100
67 54.2 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078214.D

Acq: 23 Jan 2024 17:56

Instrument :

MSVOA_D

ClientSampleId :

MH-B

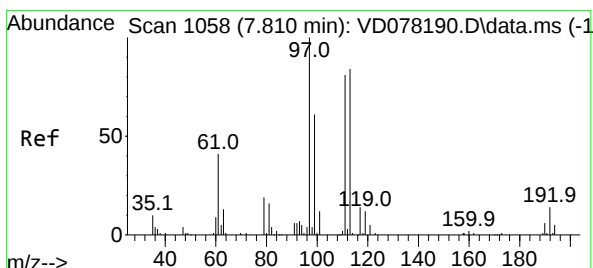
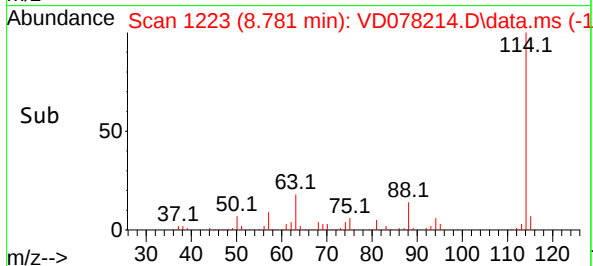
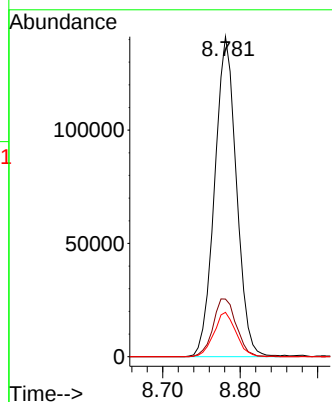
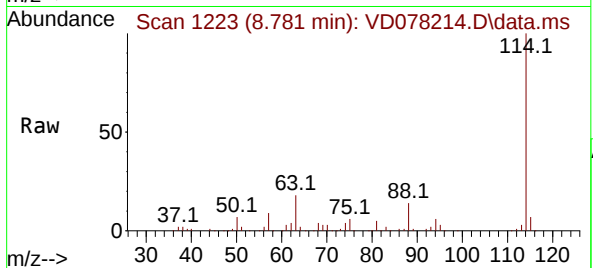
Tgt Ion:114 Resp: 276269

Ion Ratio Lower Upper

114 100

63 18.0 0.0 33.4

88 13.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 47.428 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078214.D

Acq: 23 Jan 2024 17:56

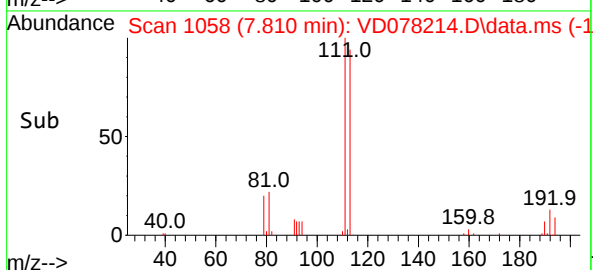
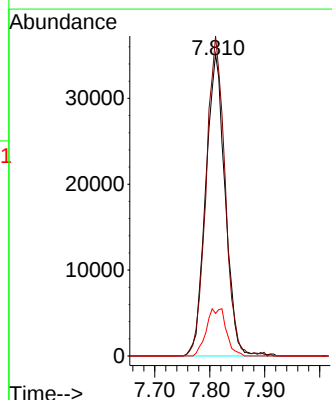
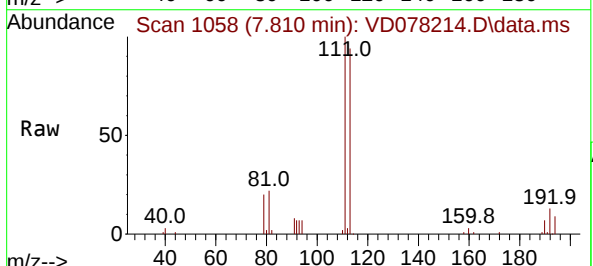
Tgt Ion:113 Resp: 86234

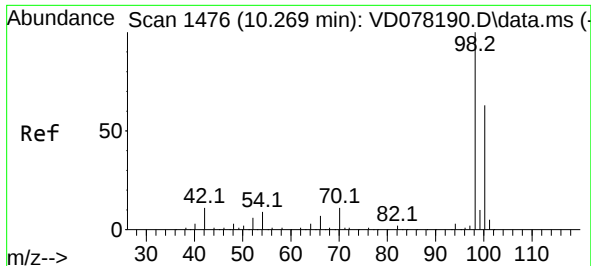
Ion Ratio Lower Upper

113 100

111 102.3 84.7 127.1

192 16.1 16.8 25.2#

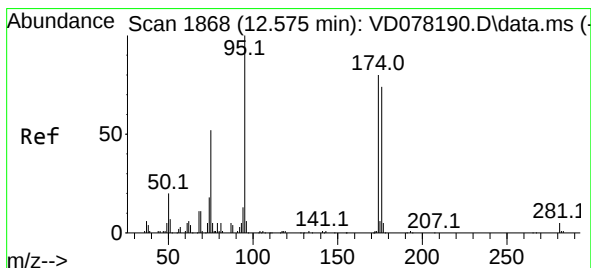
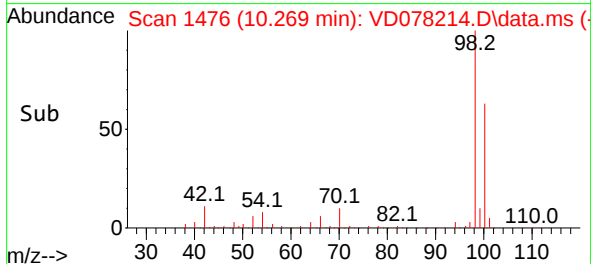
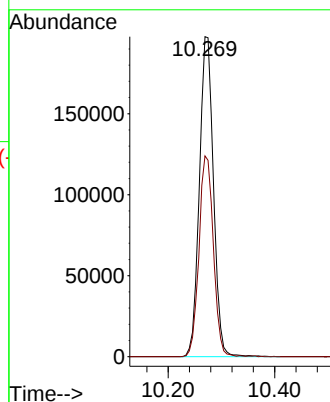
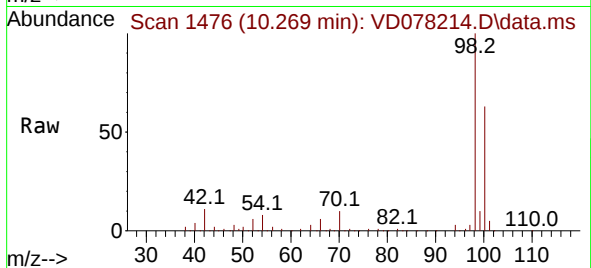




#50
Toluene-d8
Concen: 50.344 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078214.D
Acq: 23 Jan 2024 17:56

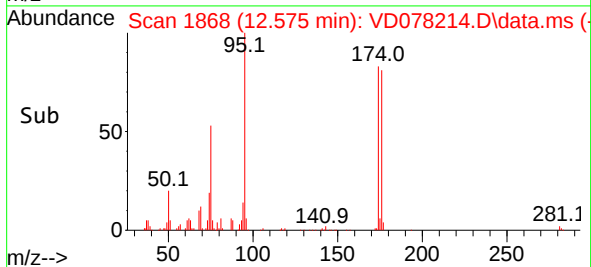
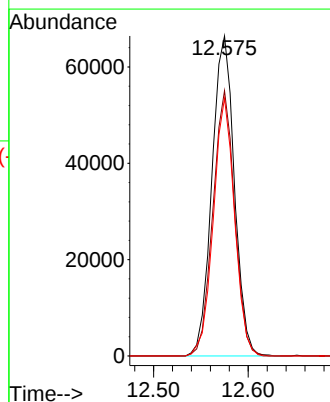
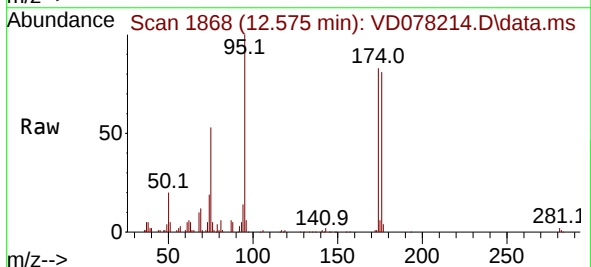
Instrument :
MSVOA_D
ClientSampleId :
MH-B

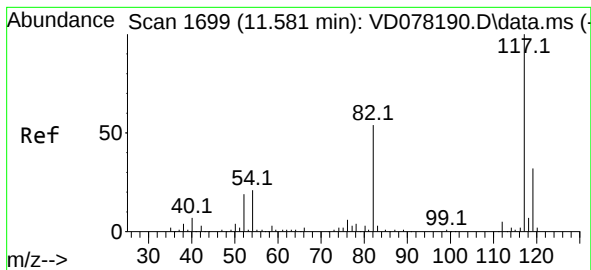
Tgt Ion: 98 Resp: 362454
Ion Ratio Lower Upper
98 100
100 64.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 52.375 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078214.D
Acq: 23 Jan 2024 17:56

Tgt Ion: 95 Resp: 109352
Ion Ratio Lower Upper
95 100
174 80.3 0.0 201.8
176 76.1 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078214.D

Acq: 23 Jan 2024 17:56

Instrument :

MSVOA_D

ClientSampleId :

MH-B

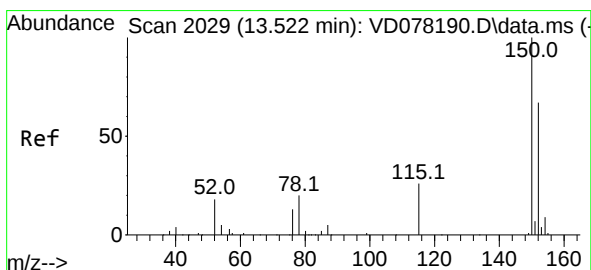
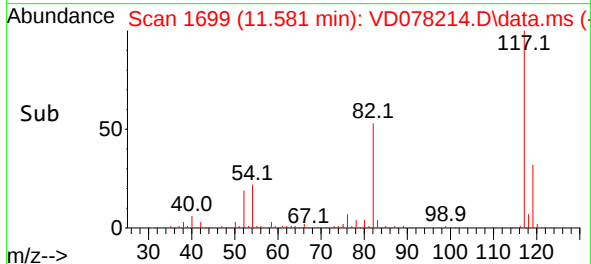
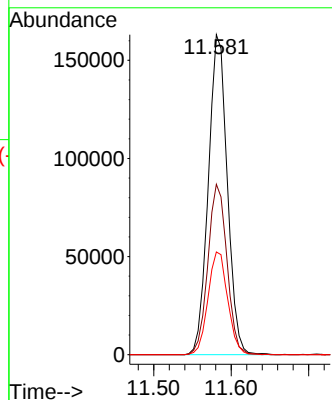
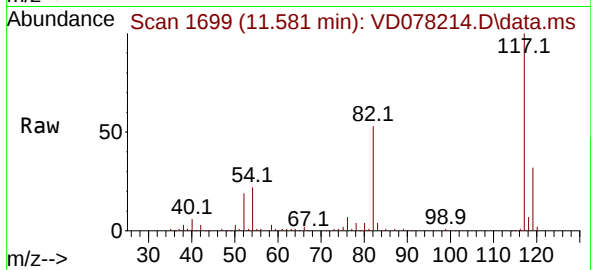
Tgt Ion:117 Resp: 276992

Ion Ratio Lower Upper

117 100

82 53.3 38.3 57.5

119 32.1 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD078214.D

Acq: 23 Jan 2024 17:56

Tgt Ion:152 Resp: 119588

Ion Ratio Lower Upper

152 100

115 58.3 27.1 81.3

150 157.6 0.0 353.6

