

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011524\
 Data File : VD078162.D
 Acq On : 15 Jan 2024 15:20
 Operator : RP/MD
 Sample : P1147-01
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-E

Quant Time: Jan 16 00:36:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 09 01:29:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	142148	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	295223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	304461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	139428	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	76488	51.111	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.220%
35) Dibromofluoromethane	7.810	113	92808	43.620	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.240%
50) Toluene-d8	10.275	98	375011	52.555	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.120%
62) 4-Bromofluorobenzene	12.575	95	124607	50.165	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.320%

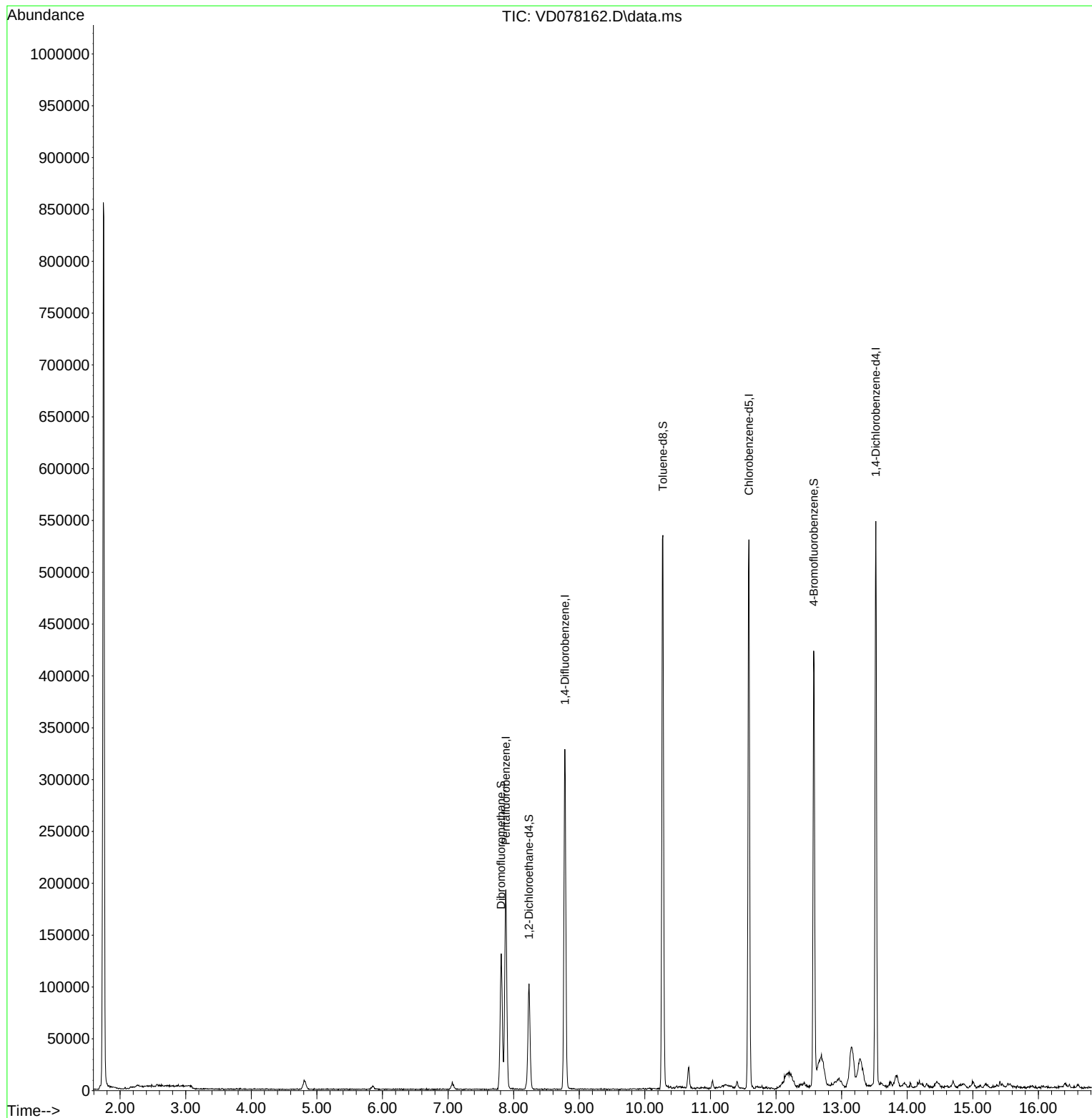
Target Compounds	Qvalue

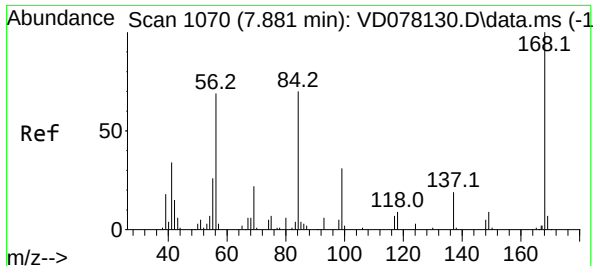
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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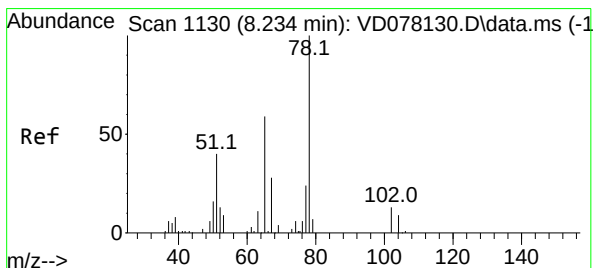
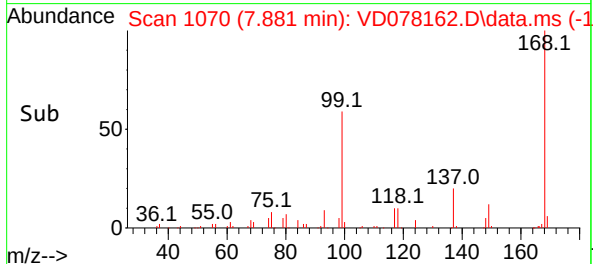
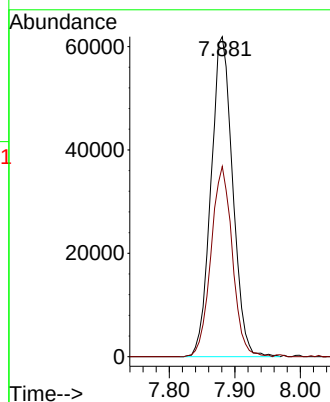
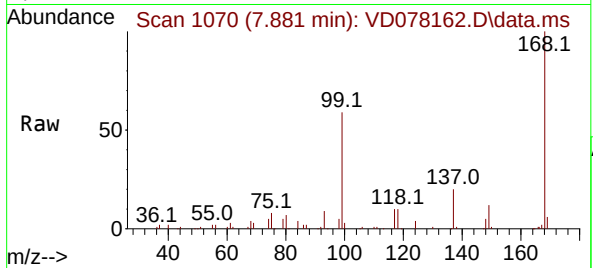




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078162.D
Acq: 15 Jan 2024 15:20

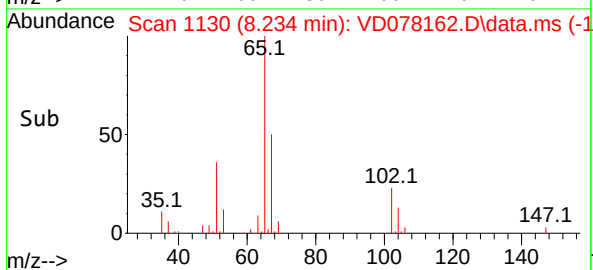
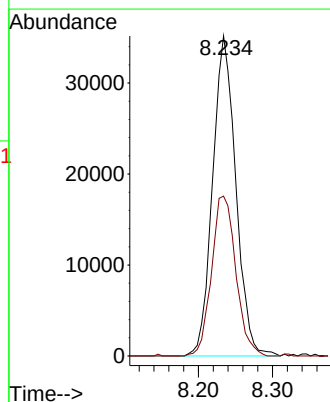
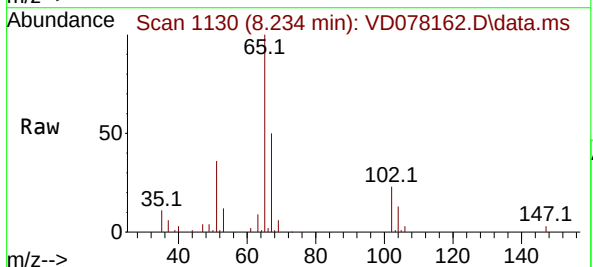
Instrument :
MSVOA_D
ClientSampleId :
MH-E

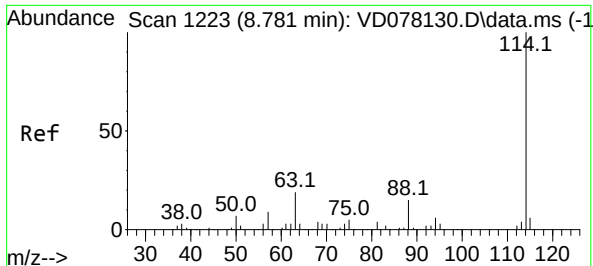
Tgt Ion:168 Resp: 142148
Ion Ratio Lower Upper
168 100
99 59.4 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 51.111 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078162.D
Acq: 15 Jan 2024 15:20

Tgt Ion: 65 Resp: 76488
Ion Ratio Lower Upper
65 100
67 52.2 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: VD078162.D

Acq: 15 Jan 2024 15:20

Instrument :

MSVOA_D

ClientSampleId :

MH-E

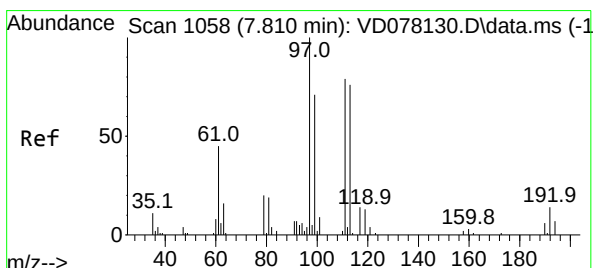
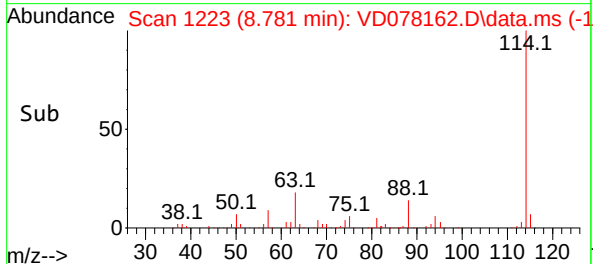
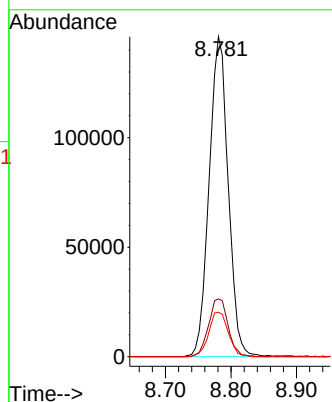
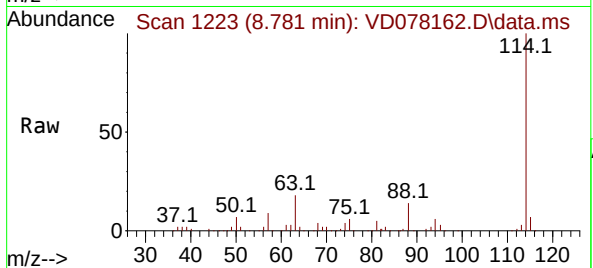
Tgt Ion:114 Resp: 295223

Ion Ratio Lower Upper

114 100

63 18.0 0.0 33.4

88 13.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 43.620 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD078162.D

Acq: 15 Jan 2024 15:20

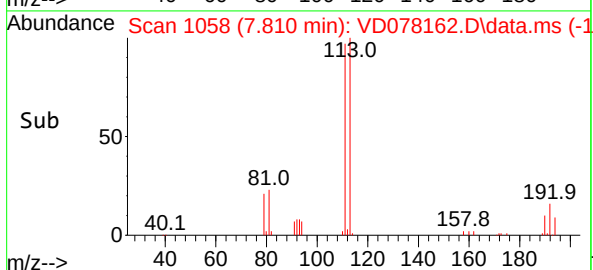
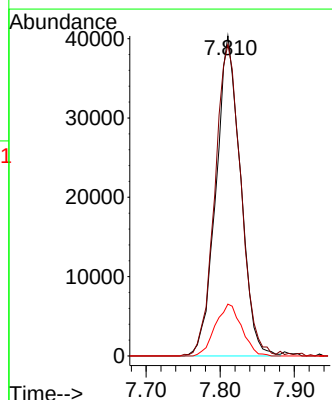
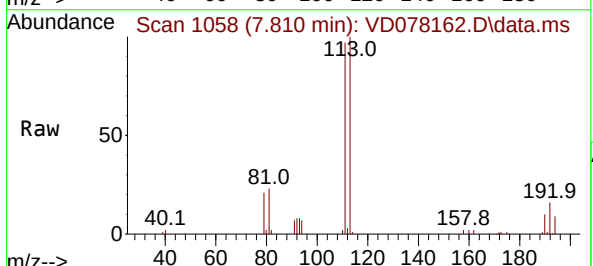
Tgt Ion:113 Resp: 92808

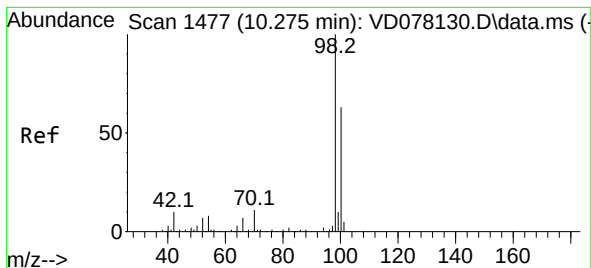
Ion Ratio Lower Upper

113 100

111 102.9 84.7 127.1

192 17.3 16.8 25.2





#50

Toluene-d8

Concen: 52.555 ug/l

RT: 10.275 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VD078162.D

Acq: 15 Jan 2024 15:20

Instrument :

MSVOA_D

ClientSampleId :

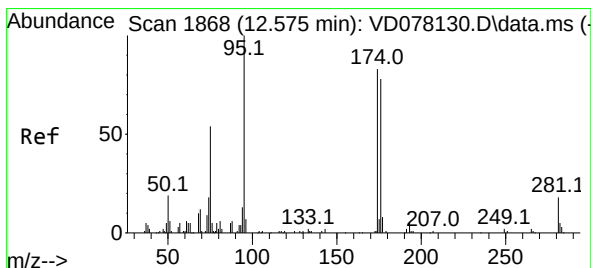
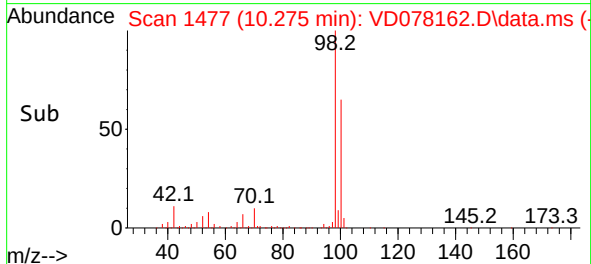
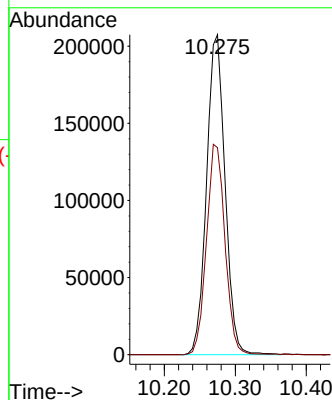
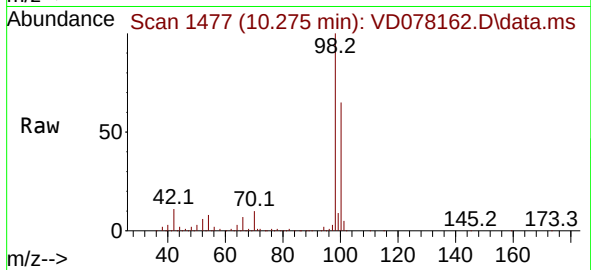
MH-E

Tgt Ion: 98 Resp: 375011

Ion Ratio Lower Upper

98 100

100 65.9 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 50.165 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD078162.D

Acq: 15 Jan 2024 15:20

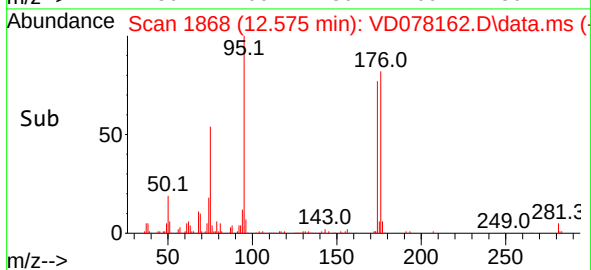
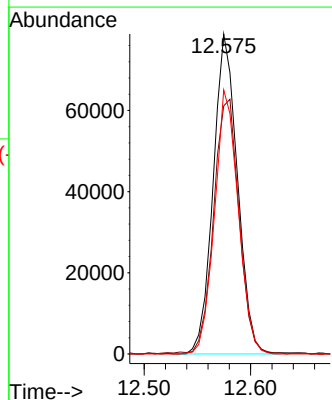
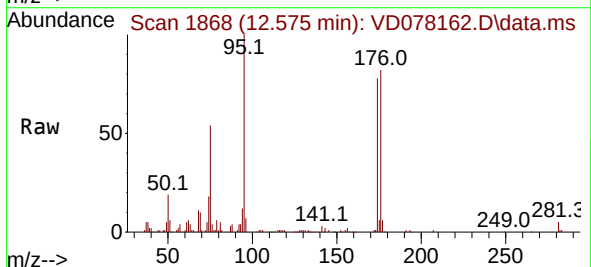
Tgt Ion: 95 Resp: 124607

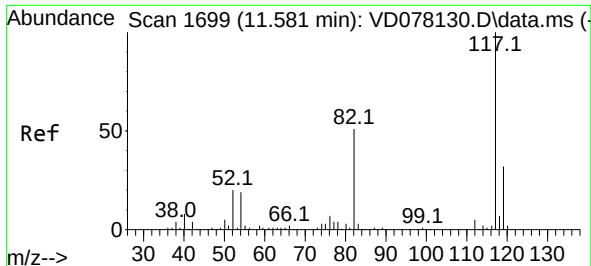
Ion Ratio Lower Upper

95 100

174 83.8 0.0 201.8

176 80.6 0.0 191.8

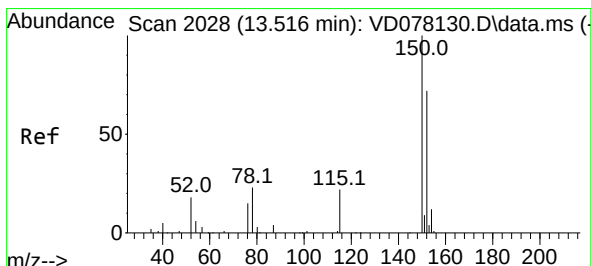
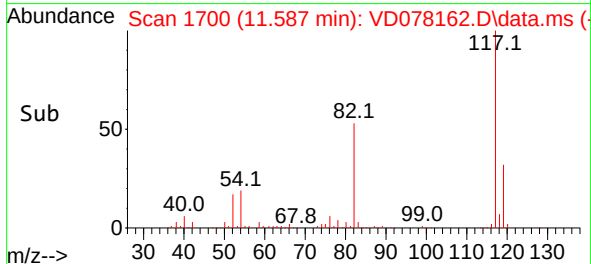
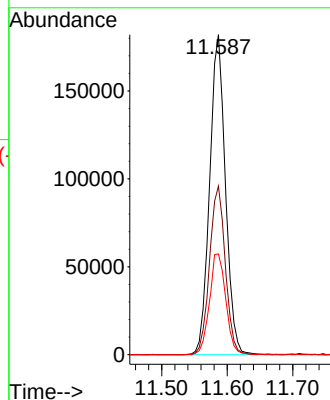
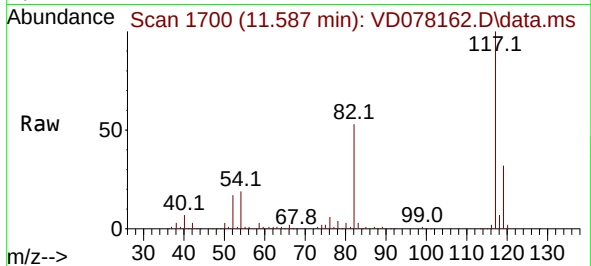




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078162.D
Acq: 15 Jan 2024 15:20

Instrument :
MSVOA_D
ClientSampleId :
MH-E

Tgt Ion:117 Resp: 304461
Ion Ratio Lower Upper
117 100
82 52.7 38.3 57.5
119 31.5 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078162.D
Acq: 15 Jan 2024 15:20

Tgt Ion:152 Resp: 139428
Ion Ratio Lower Upper
152 100
115 60.8 27.1 81.3
150 159.7 0.0 353.6

