

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011524\
 Data File : VD078159.D
 Acq On : 15 Jan 2024 13:01
 Operator : RP/MD
 Sample : P1136-03
 Misc : 5.03G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-C

Quant Time: Jan 16 00:34:55 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	141286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	287673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	284214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.521	152	124661	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.233	65	72665	48.853	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.700%
35) Dibromofluoromethane	7.810	113	90540	43.670	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.340%
50) Toluene-d8	10.269	98	363479	52.276	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.560%
62) 4-Bromofluorobenzene	12.574	95	106905	44.168	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.340%

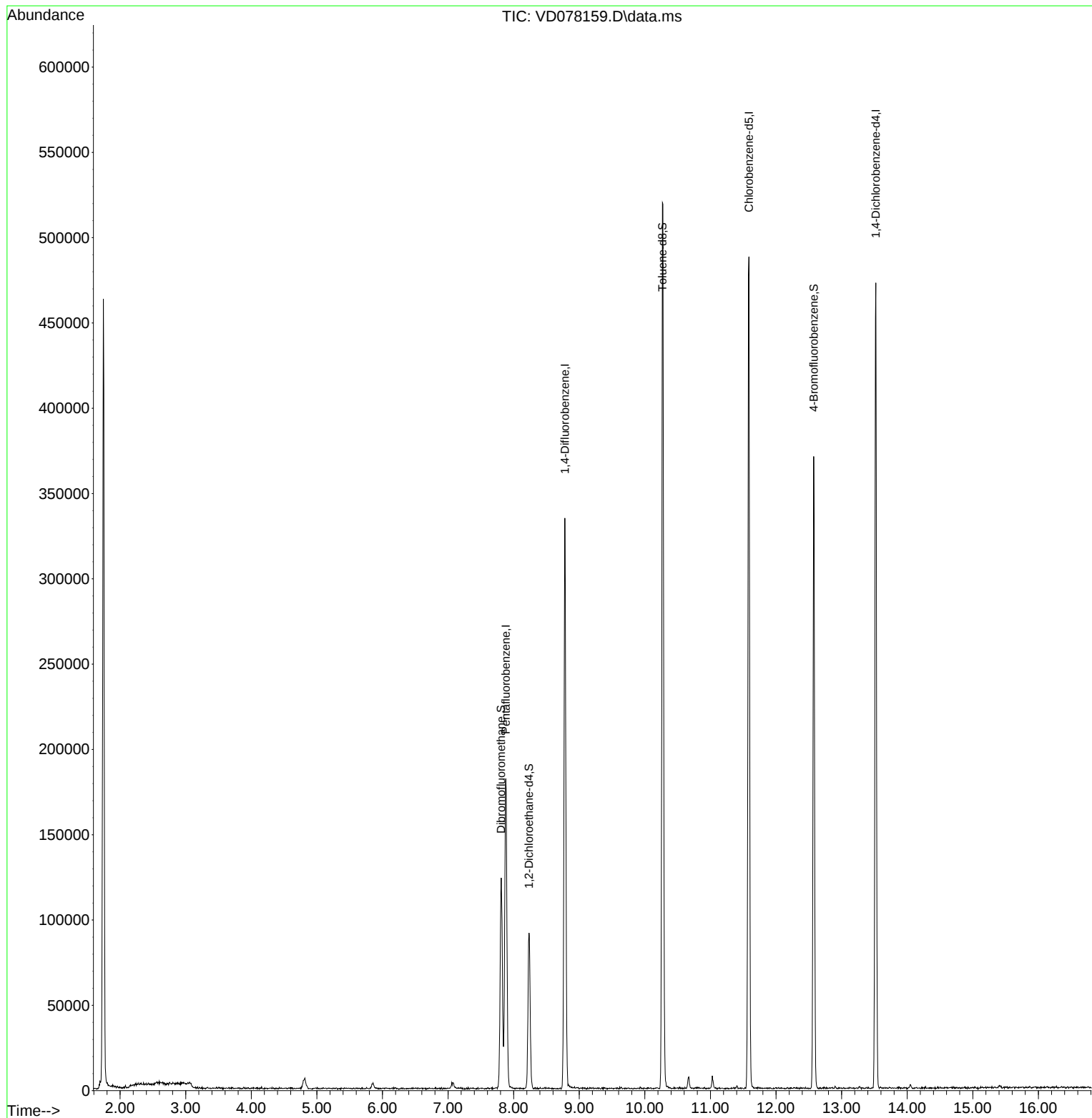
Target Compounds	Qvalue

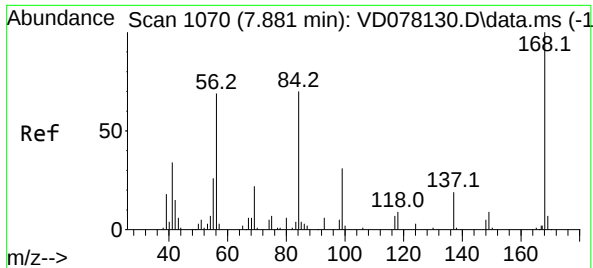
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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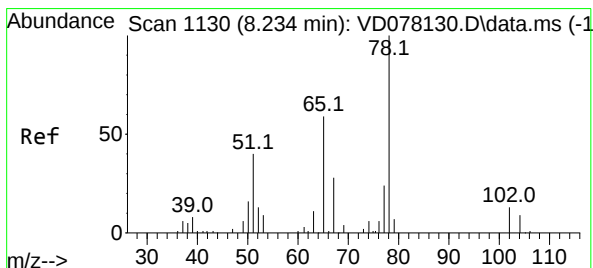
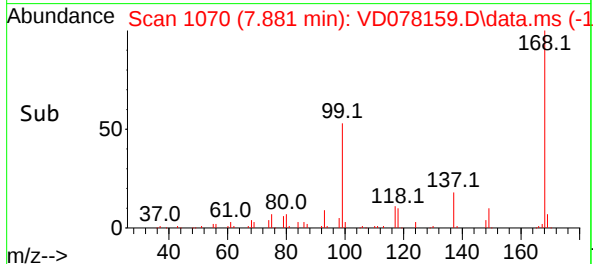
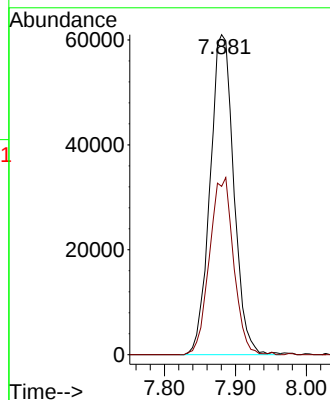
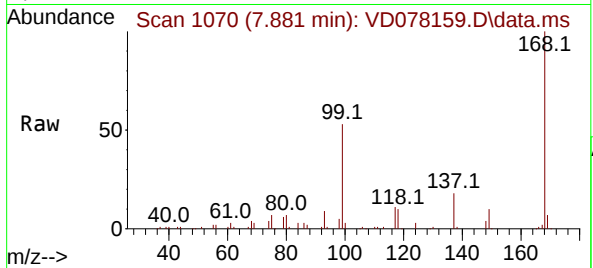




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078159.D
Acq: 15 Jan 2024 13:01

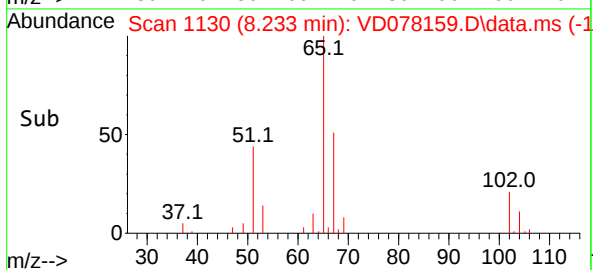
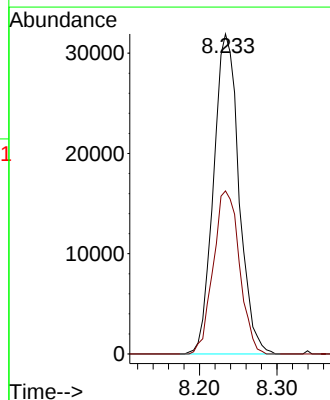
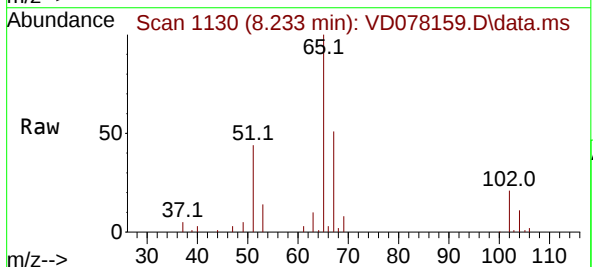
Instrument :
MSVOA_D
ClientSampleId :
MH-C

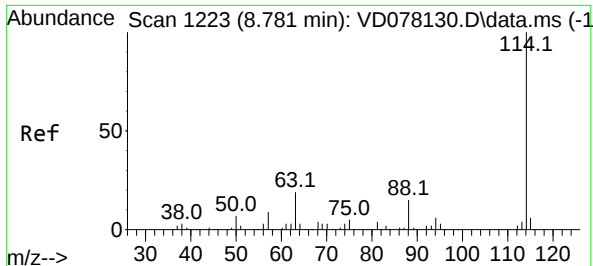
Tgt Ion:168 Resp: 141286
Ion Ratio Lower Upper
168 100
99 52.6 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 48.853 ug/l
RT: 8.233 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078159.D
Acq: 15 Jan 2024 13:01

Tgt Ion: 65 Resp: 72665
Ion Ratio Lower Upper
65 100
67 52.5 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: VD078159.D

Acq: 15 Jan 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :

MH-C

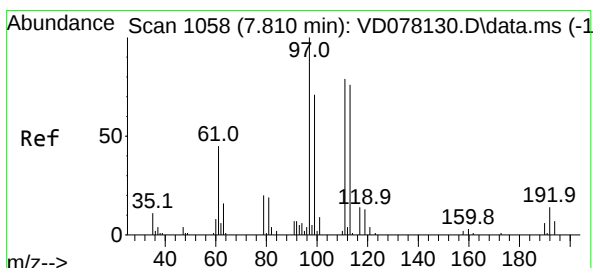
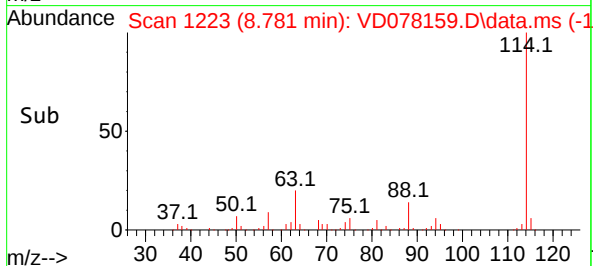
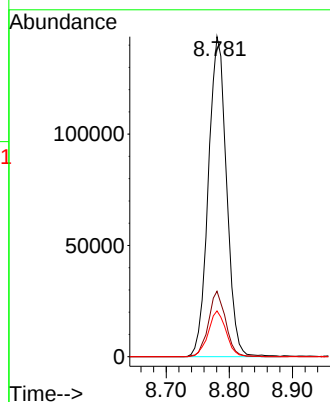
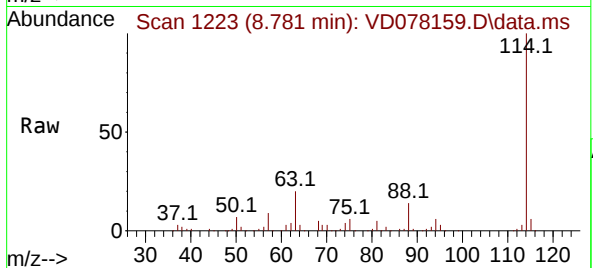
Tgt Ion:114 Resp: 287673

Ion Ratio Lower Upper

114 100

63 20.4 0.0 33.4

88 14.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 43.670 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD078159.D

Acq: 15 Jan 2024 13:01

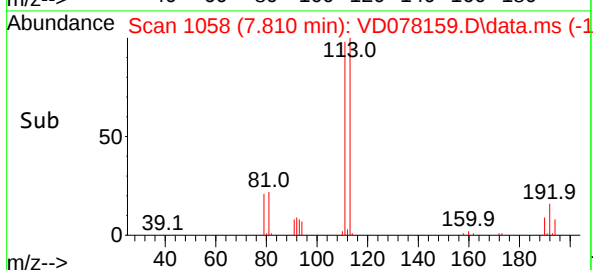
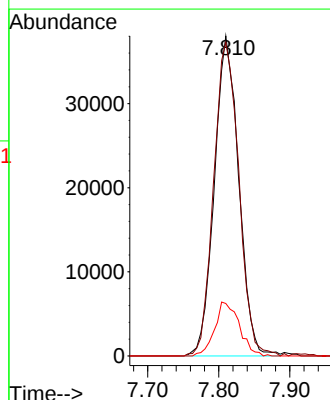
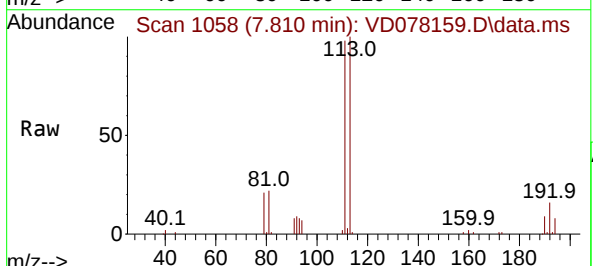
Tgt Ion:113 Resp: 90540

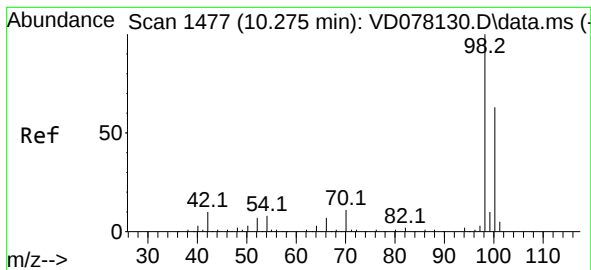
Ion Ratio Lower Upper

113 100

111 101.0 84.7 127.1

192 17.0 16.8 25.2

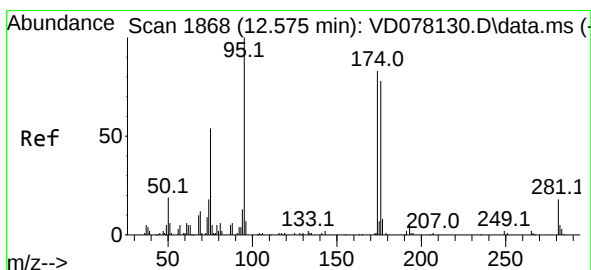
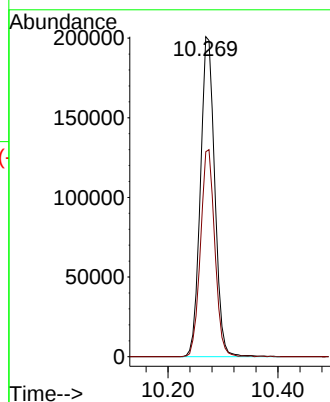
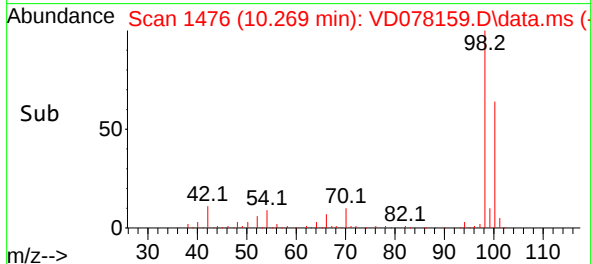
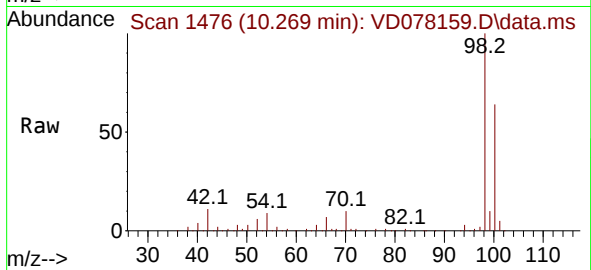




#50
Toluene-d8
Concen: 52.276 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.006 min
Lab File: VD078159.D
Acq: 15 Jan 2024 13:01

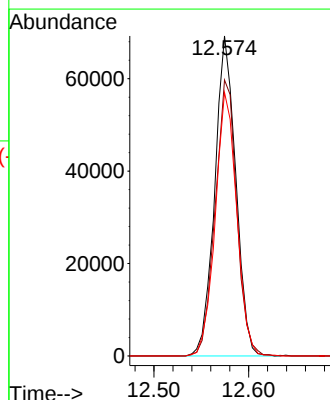
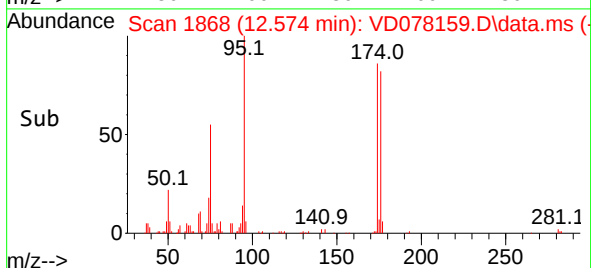
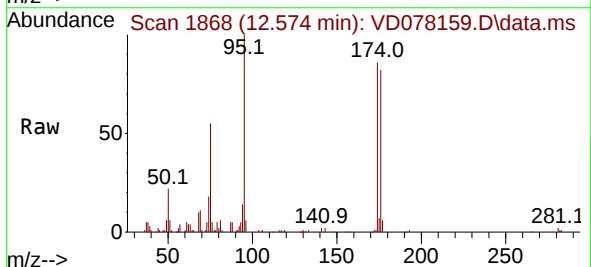
Instrument :
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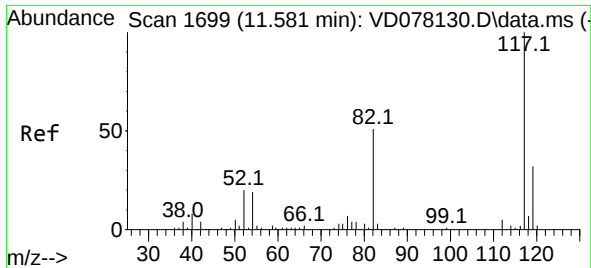
Tgt Ion: 98 Resp: 363479
Ion Ratio Lower Upper
98 100
100 64.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 44.168 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078159.D
Acq: 15 Jan 2024 13:01

Tgt Ion: 95 Resp: 106905
Ion Ratio Lower Upper
95 100
174 88.2 0.0 201.8
176 83.9 0.0 191.8

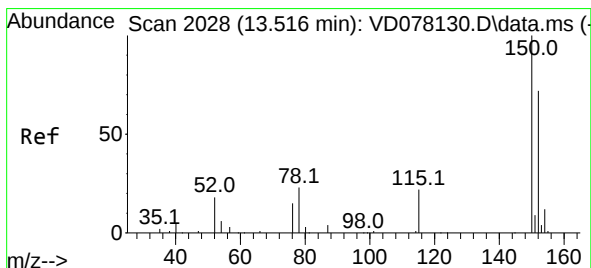
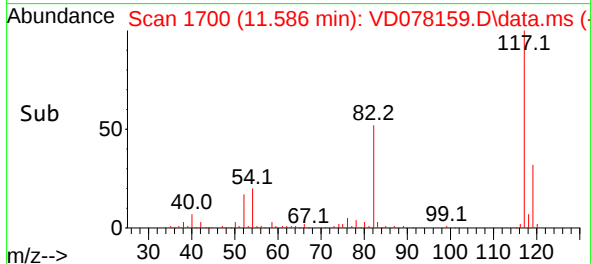
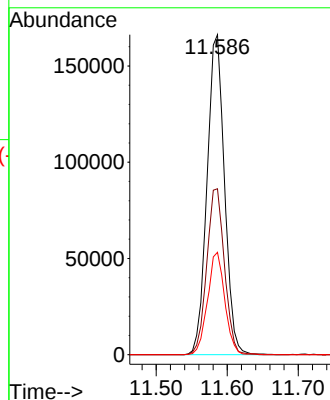
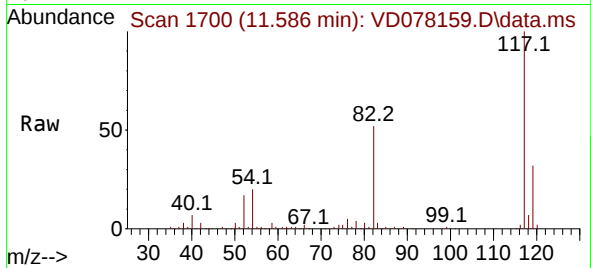




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD078159.D
Acq: 15 Jan 2024 13:01

Instrument :
MSVOA_D
ClientSampleId :
MH-C

Tgt Ion:117 Resp: 284214
Ion Ratio Lower Upper
117 100
82 51.8 38.3 57.5
119 32.0 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.521 min Scan# 2029
Delta R.T. 0.005 min
Lab File: VD078159.D
Acq: 15 Jan 2024 13:01

Tgt Ion:152 Resp: 124661
Ion Ratio Lower Upper
152 100
115 58.4 27.1 81.3
150 158.5 0.0 353.6

