

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011124\
 Data File : VD078149.D
 Acq On : 11 Jan 2024 13:53
 Operator : RP/MD
 Sample : P1097-01RE
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-GRE

Quant Time: Jan 12 00:37:25 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	7.869	168	9596	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.781	114	18438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	18860	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	8530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	7609	75.318	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 150.640%	
35) Dibromofluoromethane	7.816	113	7090	53.355	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.720%	
50) Toluene-d8	10.275	98	22643	50.809	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.620%	
62) 4-Bromofluorobenzene	12.575	95	7685	49.538	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.080%	

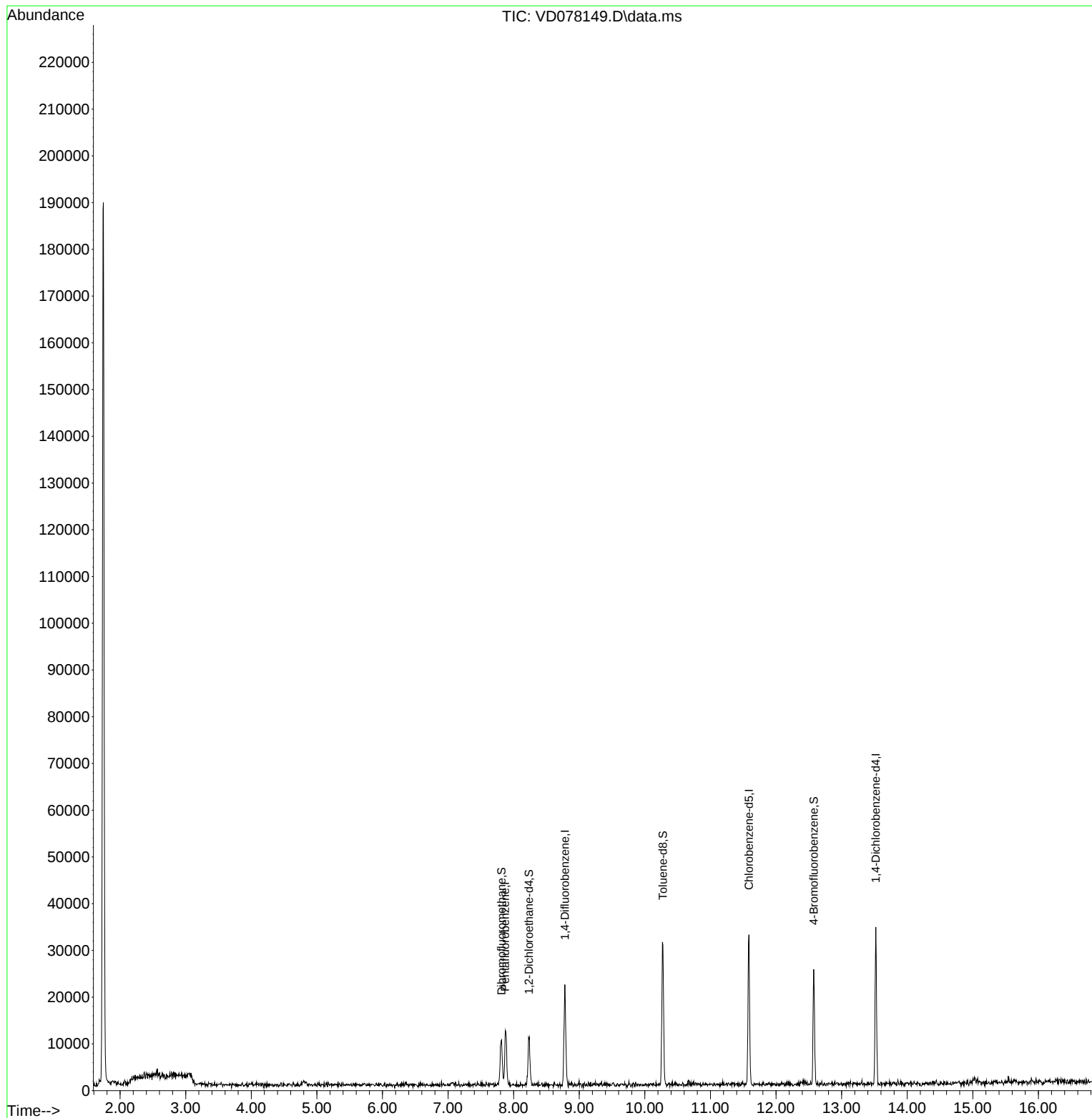
Target Compounds	Qvalue

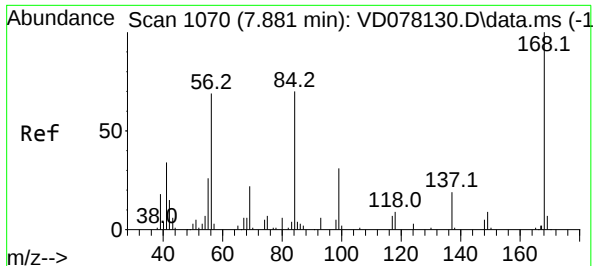
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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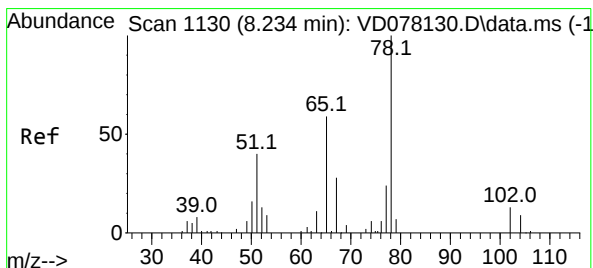
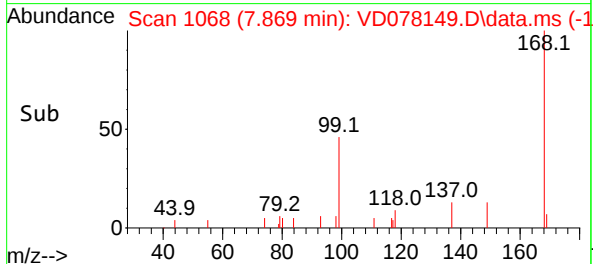
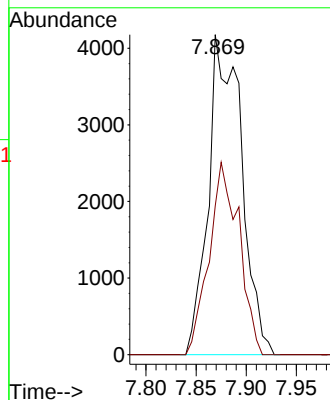
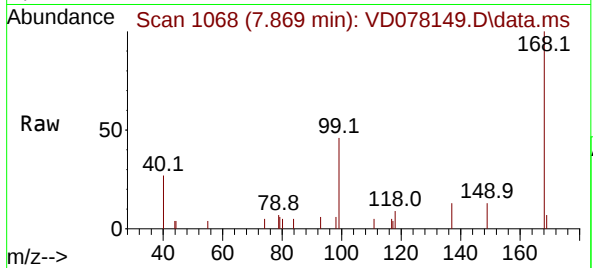




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD078149.D
Acq: 11 Jan 2024 13:53

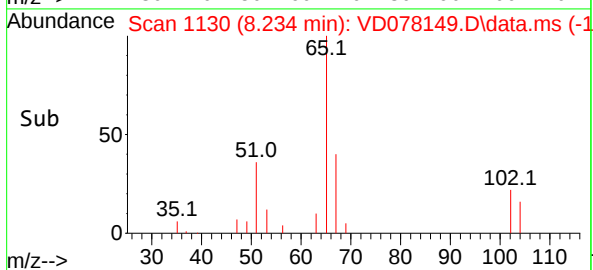
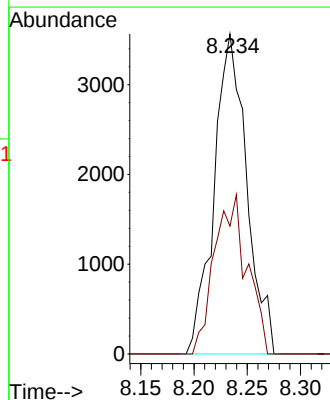
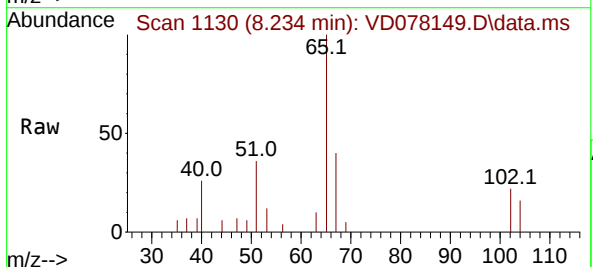
Instrument :
MSVOA_D
ClientSampleId :
MH-GRE

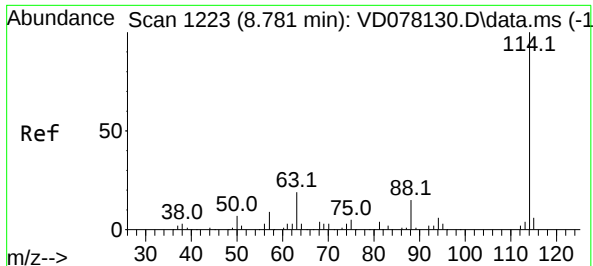
Tgt Ion:168 Resp: 9596
Ion Ratio Lower Upper
168 100
99 46.5 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 75.318 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078149.D
Acq: 11 Jan 2024 13:53

Tgt Ion: 65 Resp: 7609
Ion Ratio Lower Upper
65 100
67 49.7 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: VD078149.D

Acq: 11 Jan 2024 13:53

Instrument :

MSVOA_D

ClientSampleId :

MH-GRE

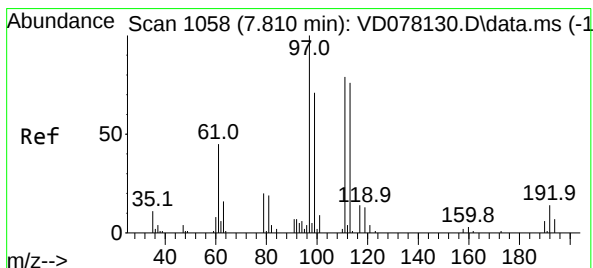
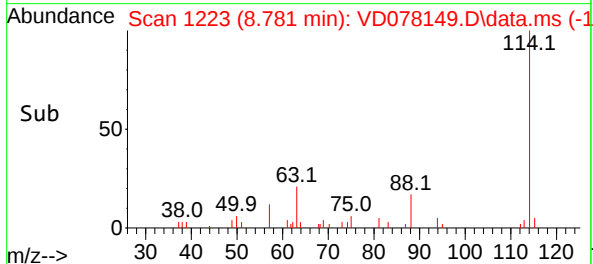
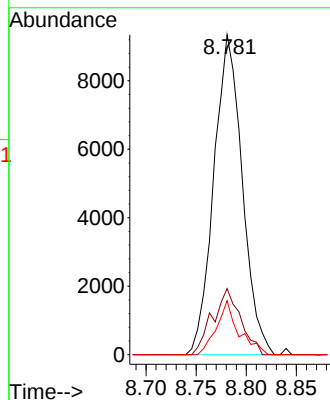
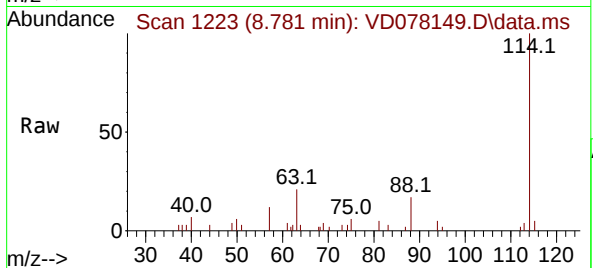
Tgt Ion:114 Resp: 18438

Ion Ratio Lower Upper

114 100

63 20.6 0.0 33.4

88 16.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 53.355 ug/l

RT: 7.816 min Scan# 1059

Delta R.T. 0.006 min

Lab File: VD078149.D

Acq: 11 Jan 2024 13:53

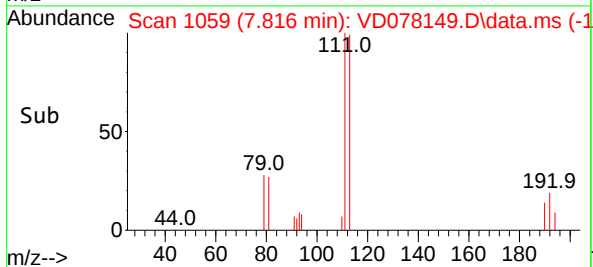
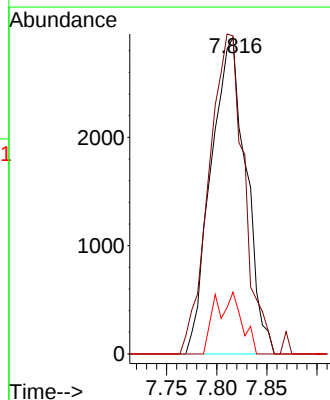
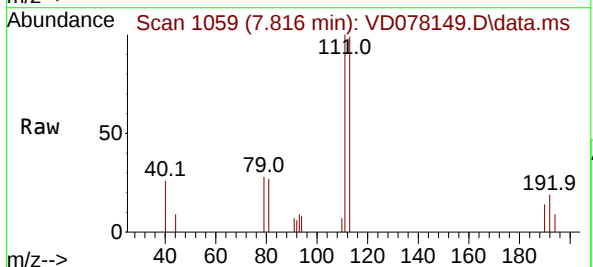
Tgt Ion:113 Resp: 7090

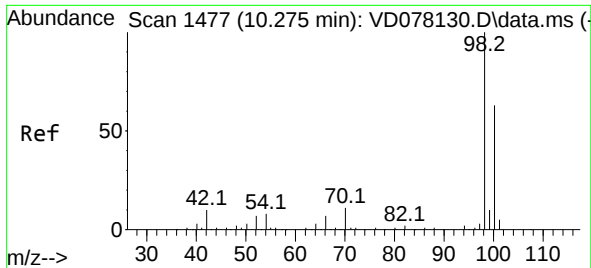
Ion Ratio Lower Upper

113 100

111 101.1 84.7 127.1

192 5.7 16.8 25.2#

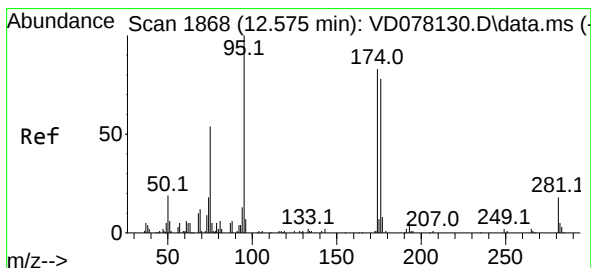
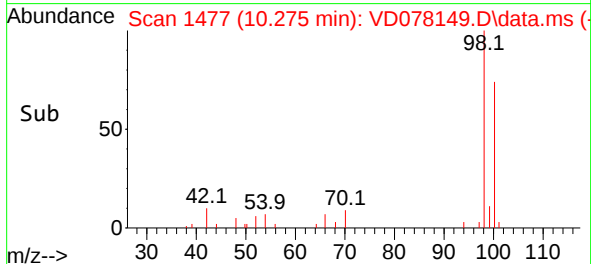
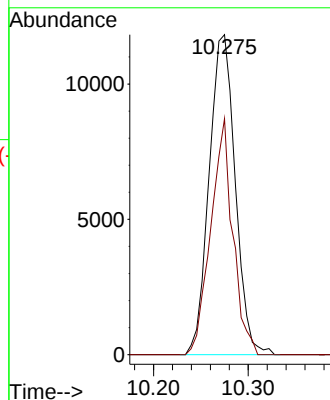
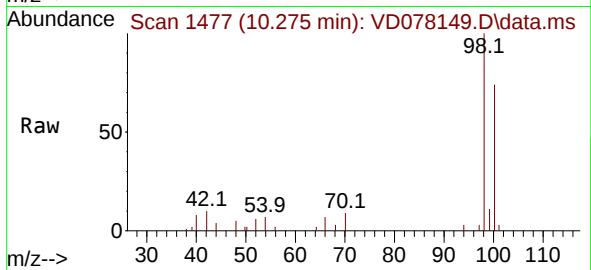




#50
Toluene-d8
Concen: 50.809 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VD078149.D
Acq: 11 Jan 2024 13:53

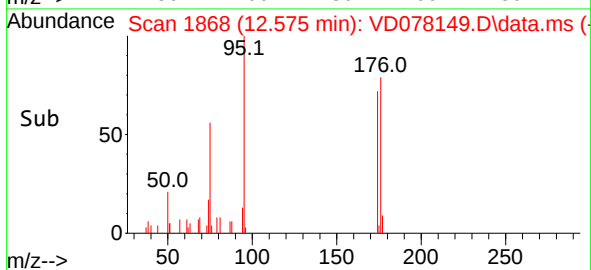
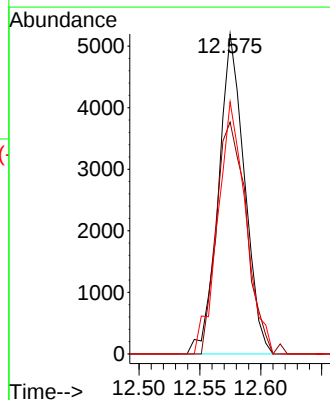
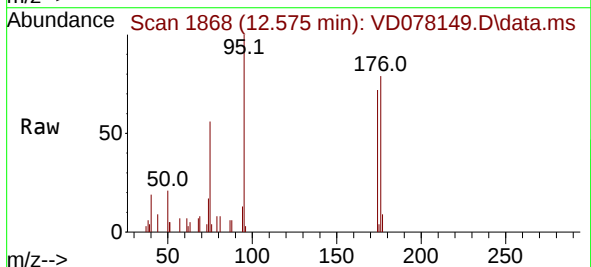
Instrument :
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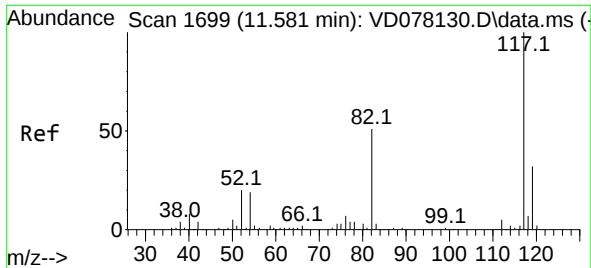
Tgt Ion: 98 Resp: 22643
Ion Ratio Lower Upper
98 100
100 62.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 49.538 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078149.D
Acq: 11 Jan 2024 13:53

Tgt Ion: 95 Resp: 7685
Ion Ratio Lower Upper
95 100
174 84.6 0.0 201.8
176 85.1 0.0 191.8

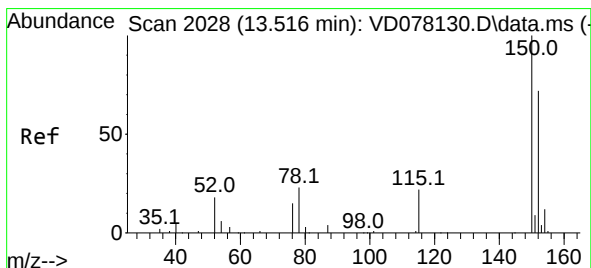
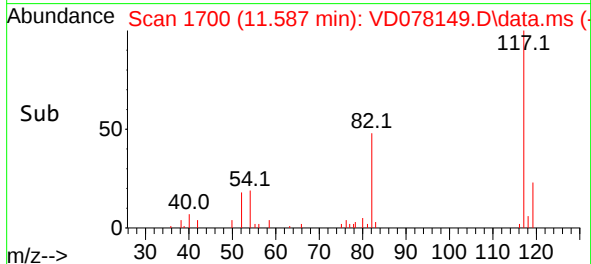
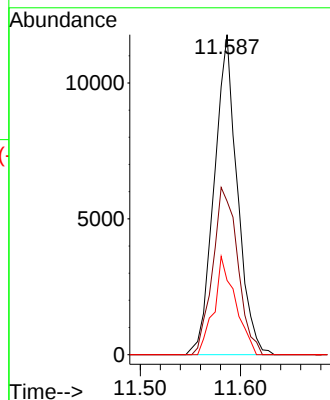
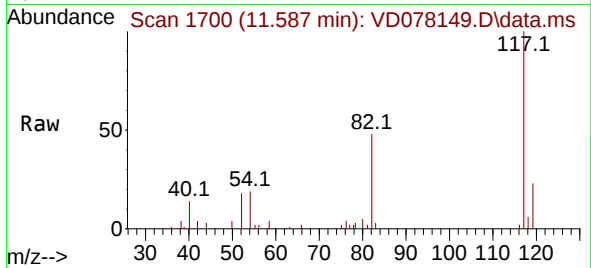




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078149.D
Acq: 11 Jan 2024 13:53

Instrument :
MSVOA_D
ClientSampleId :
MH-GRE

Tgt Ion:117 Resp: 18860
Ion Ratio Lower Upper
117 100
82 47.9 38.3 57.5
119 23.2 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: VD078149.D
Acq: 11 Jan 2024 13:53

Tgt Ion:152 Resp: 8530
Ion Ratio Lower Upper
152 100
115 57.7 27.1 81.3
150 166.7 0.0 353.6

