

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012324\
 Data File : VD078211.D
 Acq On : 23 Jan 2024 16:35
 Operator : RP/MD
 Sample : P1207-03
 Misc : 3.58G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EC68-WESTRE

Quant Time: Jan 24 00:23:22 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	7.881	168	138131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	290727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	274857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	112909	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	62263	39.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.960%
35) Dibromofluoromethane	7.810	113	83954	43.877	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.760%
50) Toluene-d8	10.269	98	367694	48.532	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.060%
62) 4-Bromofluorobenzene	12.575	95	103911	47.294	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.580%

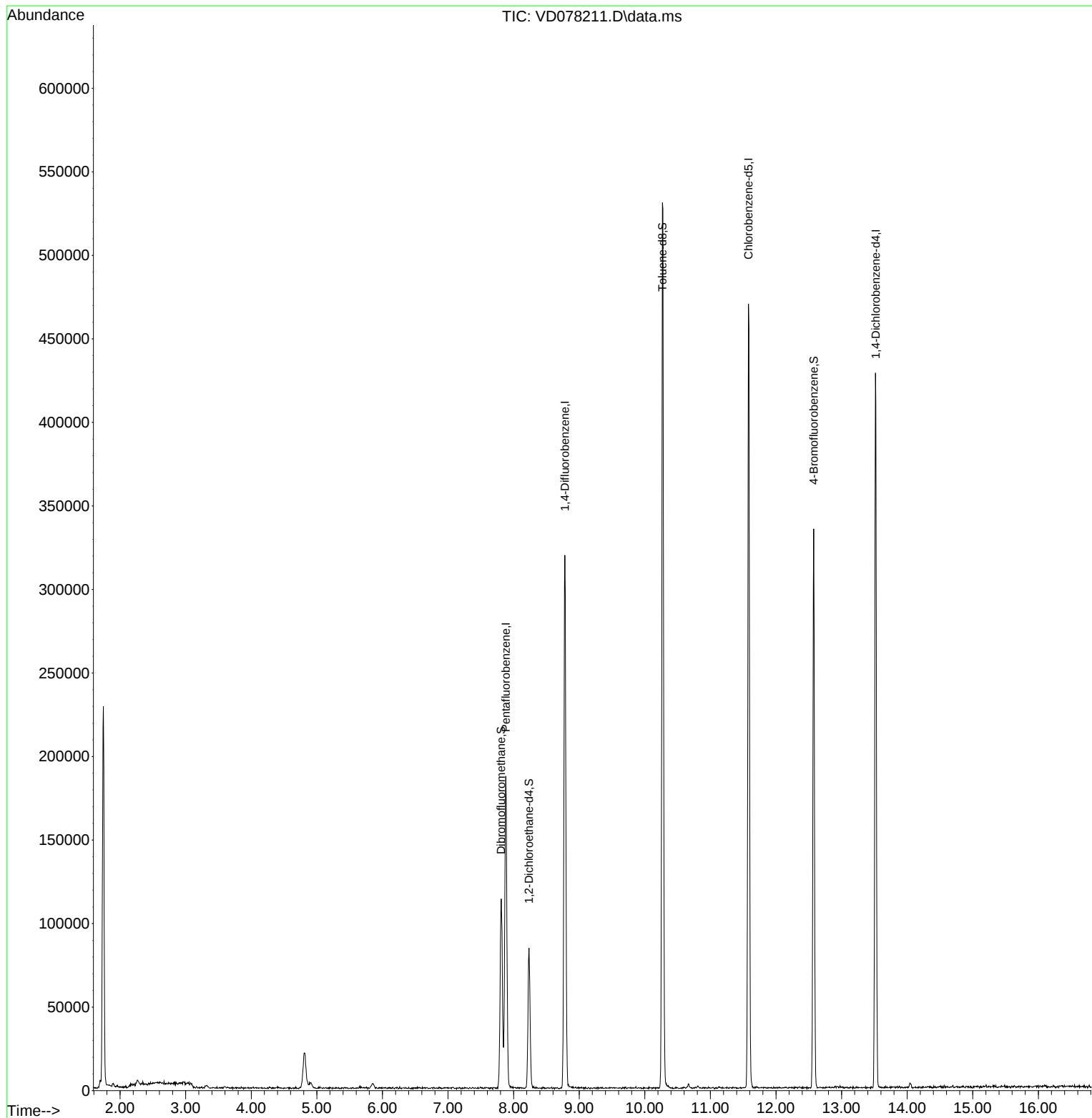
Target Compounds	Qvalue

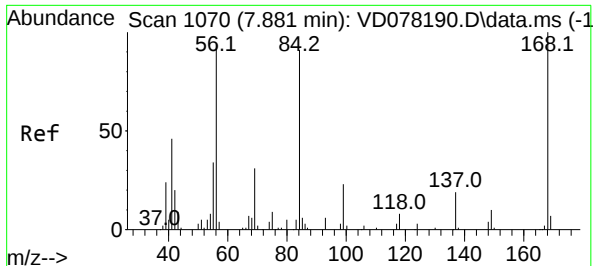
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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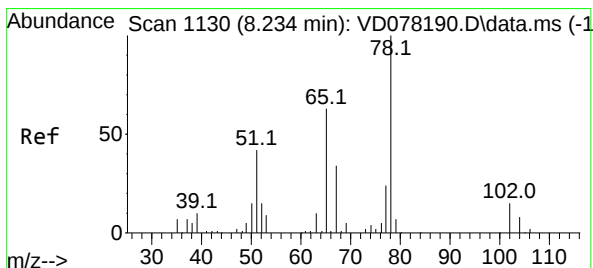
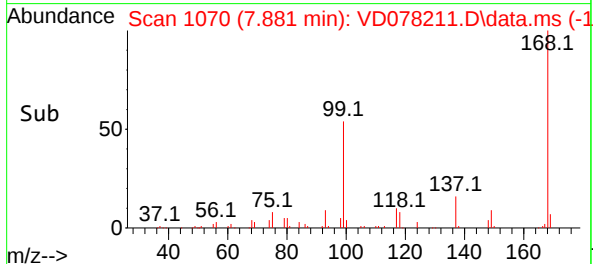
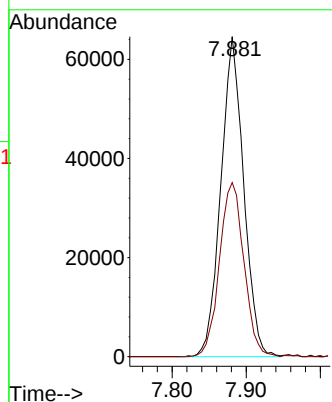
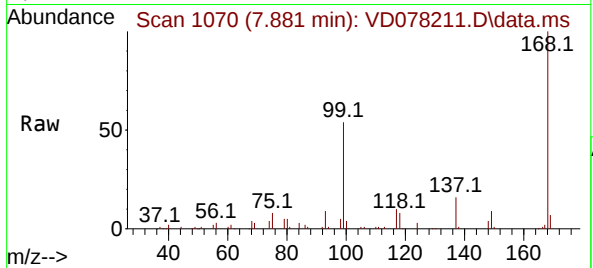




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078211.D
Acq: 23 Jan 2024 16:35

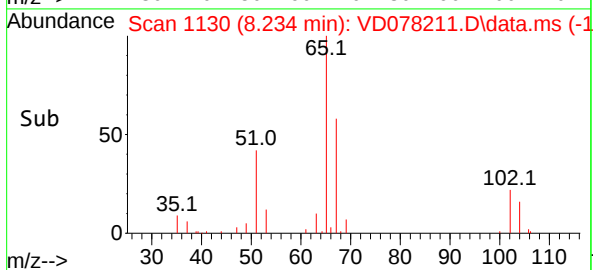
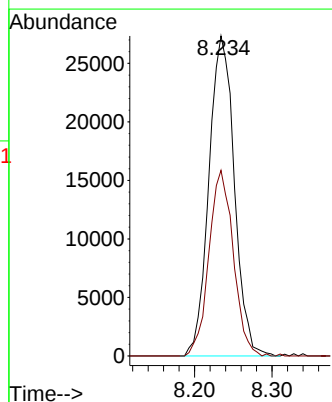
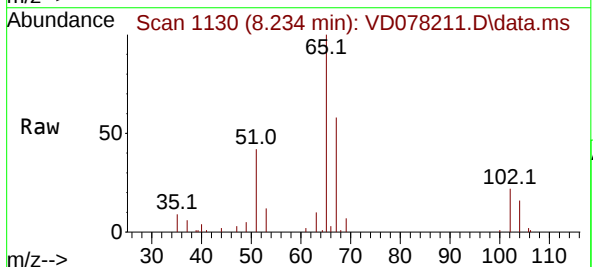
Instrument :
MSVOA_D
ClientSampleId :
EC68-WESTRE

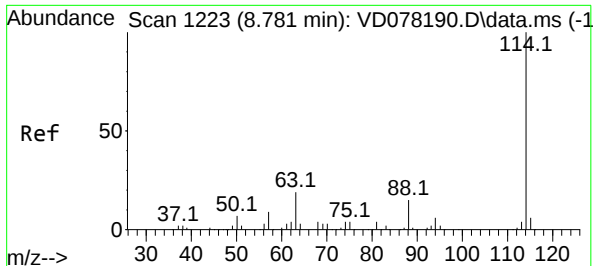
Tgt Ion:168 Resp: 138131
Ion Ratio Lower Upper
168 100
99 54.4 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 39.484 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078211.D
Acq: 23 Jan 2024 16:35

Tgt Ion: 65 Resp: 62263
Ion Ratio Lower Upper
65 100
67 55.7 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: VD078211.D

Acq: 23 Jan 2024 16:35

Instrument :

MSVOA_D

ClientSampleId :

EC68-WESTRE

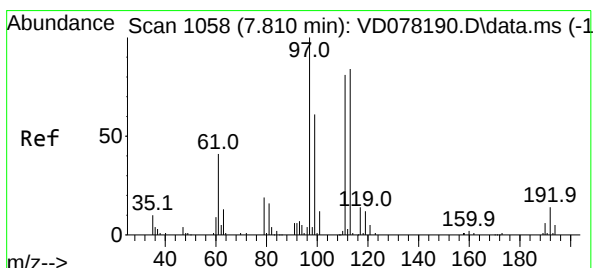
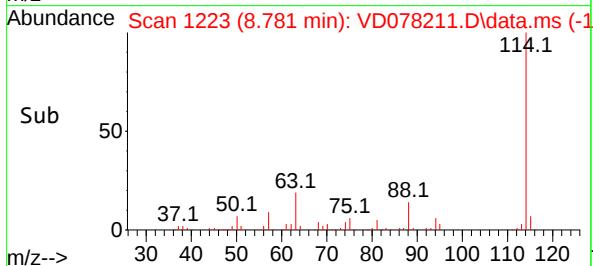
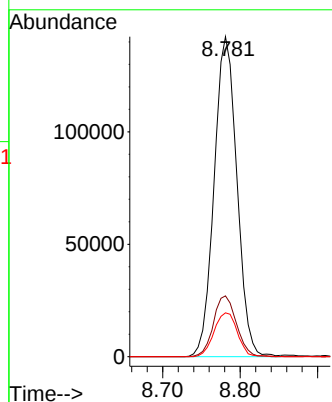
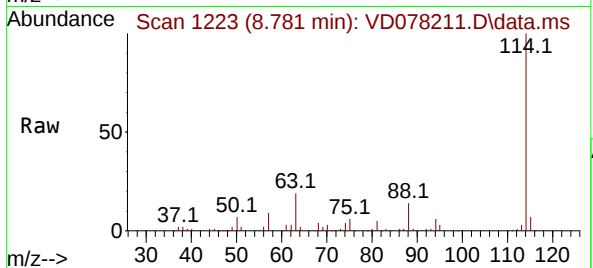
Tgt Ion:114 Resp: 290727

Ion Ratio Lower Upper

114 100

63 19.0 0.0 33.4

88 13.7 0.0 26.2



#35

Dibromofluoromethane

Concen: 43.877 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078211.D

Acq: 23 Jan 2024 16:35

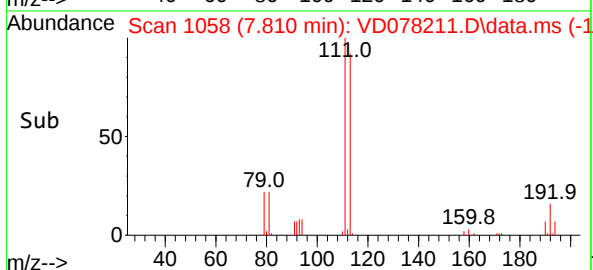
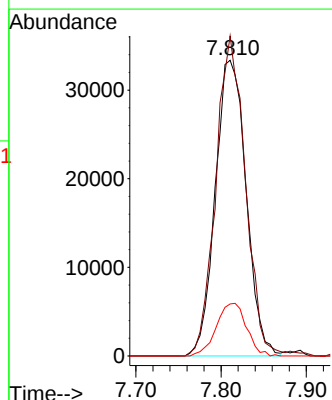
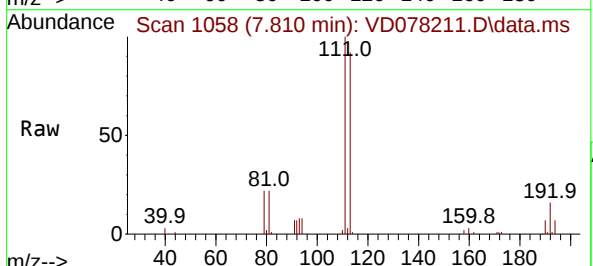
Tgt Ion:113 Resp: 83954

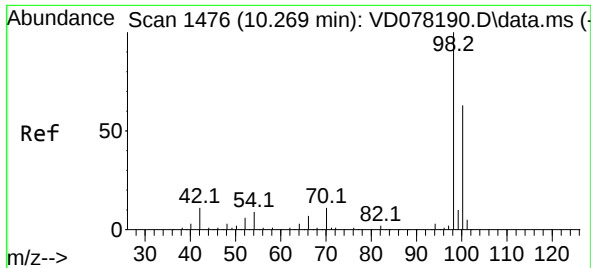
Ion Ratio Lower Upper

113 100

111 103.3 84.7 127.1

192 17.4 16.8 25.2

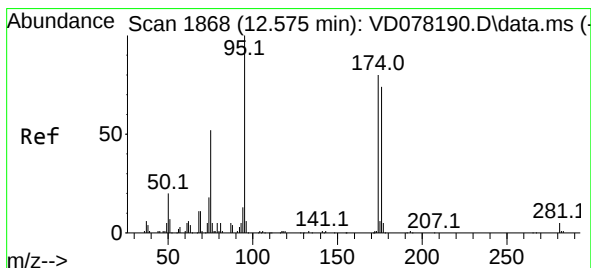
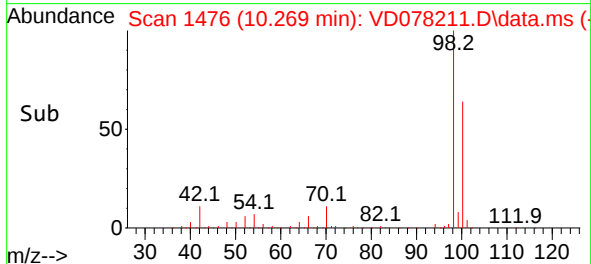
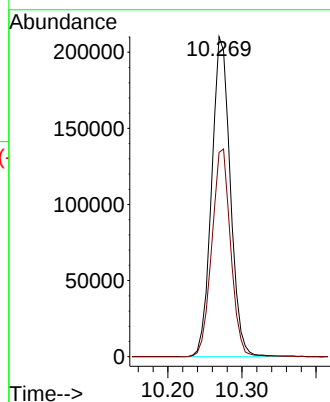
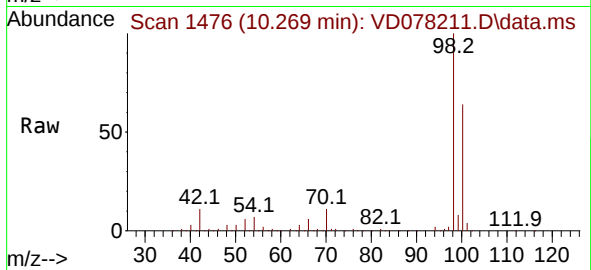




#50
Toluene-d8
Concen: 48.532 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078211.D
Acq: 23 Jan 2024 16:35

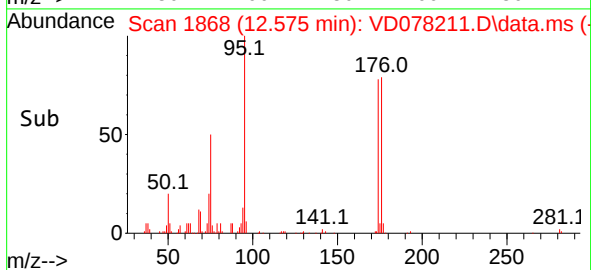
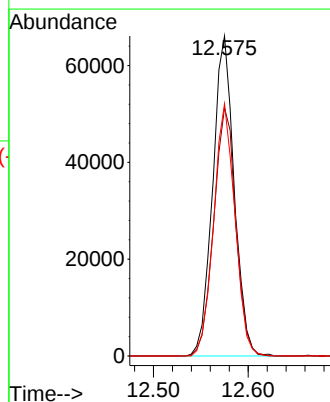
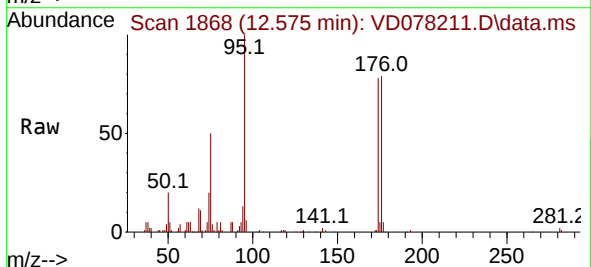
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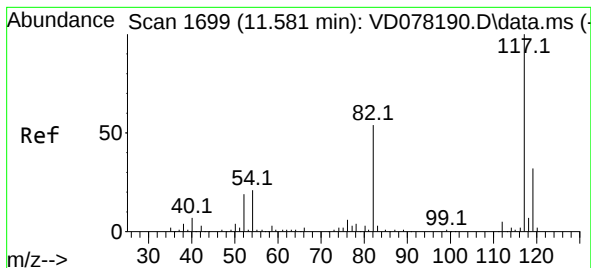
Tgt Ion: 98 Resp: 367694
Ion Ratio Lower Upper
98 100
100 65.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 47.294 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078211.D
Acq: 23 Jan 2024 16:35

Tgt Ion: 95 Resp: 103911
Ion Ratio Lower Upper
95 100
174 79.5 0.0 201.8
176 78.1 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: VD078211.D

Acq: 23 Jan 2024 16:35

Instrument :

MSVOA_D

ClientSampleId :

EC68-WESTRE

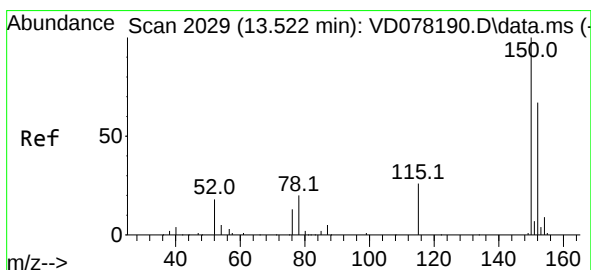
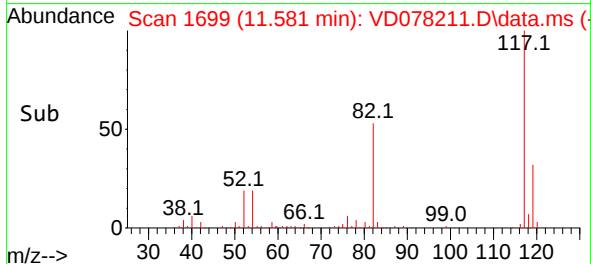
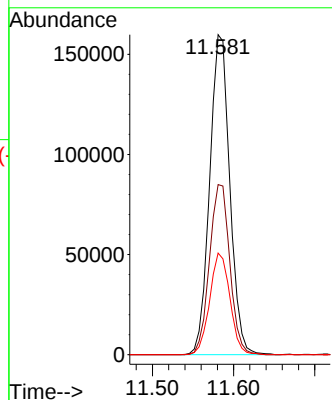
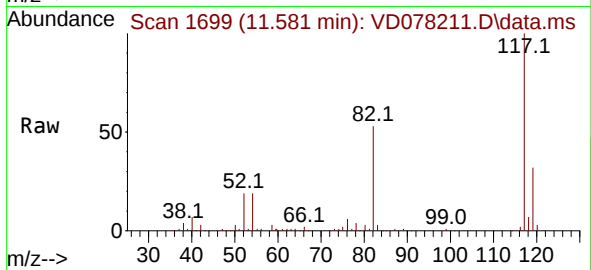
Tgt Ion:117 Resp: 274857

Ion Ratio Lower Upper

117 100

82 53.2 38.3 57.5

119 31.8 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.000 min

Lab File: VD078211.D

Acq: 23 Jan 2024 16:35

Tgt Ion:152 Resp: 112909

Ion Ratio Lower Upper

152 100

115 60.9 27.1 81.3

150 154.7 0.0 353.6

