

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020924\
 Data File : VD078391.D
 Acq On : 09 Feb 2024 17:56
 Operator : RP/MD
 Sample : P1435-03
 Misc : 5.96G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FRENCH-020724

Quant Time: Feb 09 23:03:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	89728	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	208055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	235629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	108038	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	54702	49.247	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.500%
35) Dibromofluoromethane	7.805	113	69551	46.956	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.920%
50) Toluene-d8	10.269	98	282748	50.420	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.840%
62) 4-Bromofluorobenzene	12.569	95	92451	55.050	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.100%

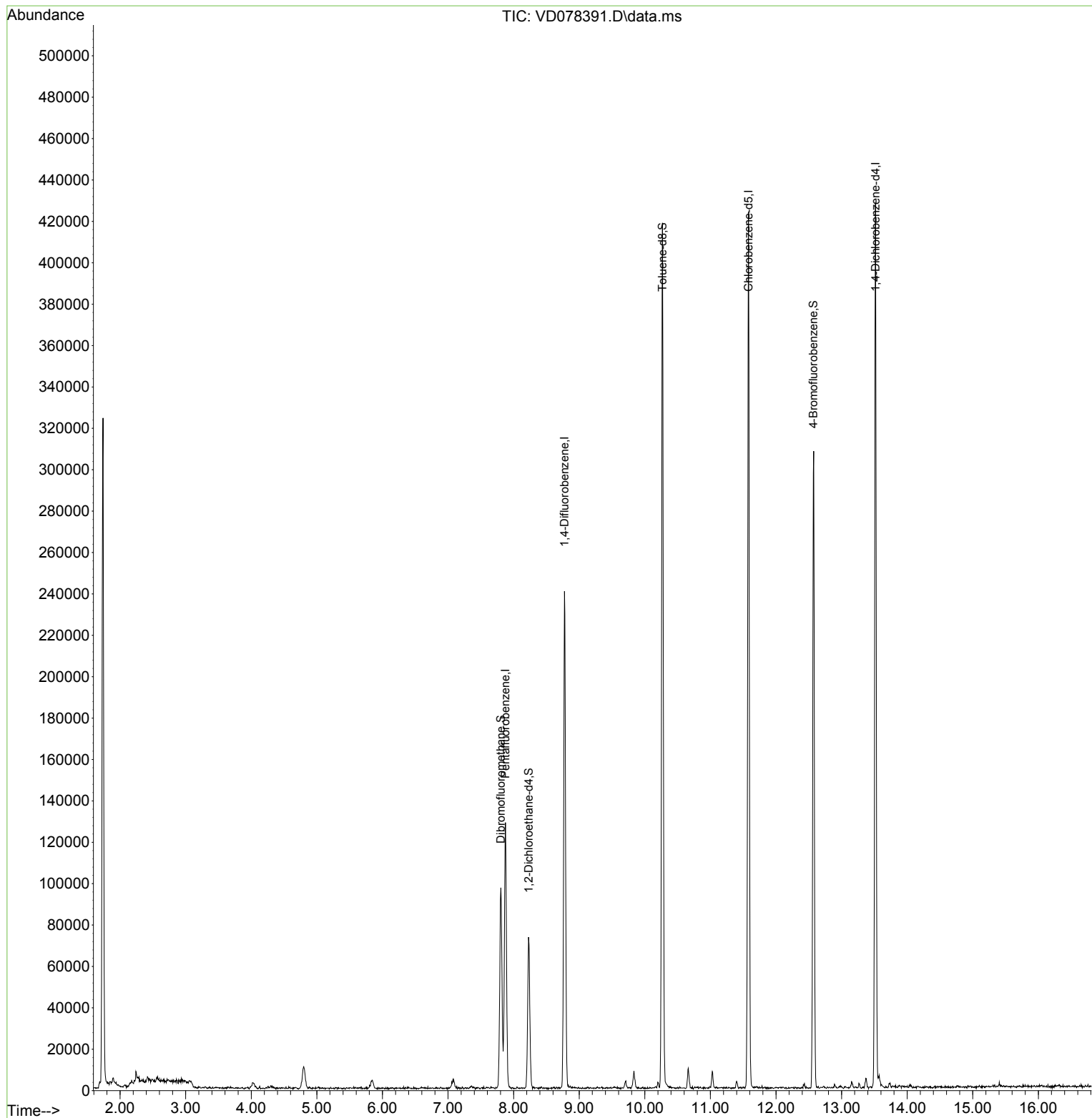
Target Compounds	Qvalue

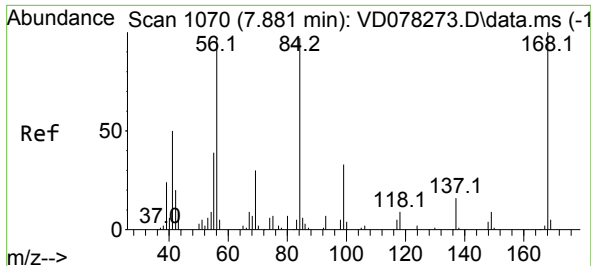
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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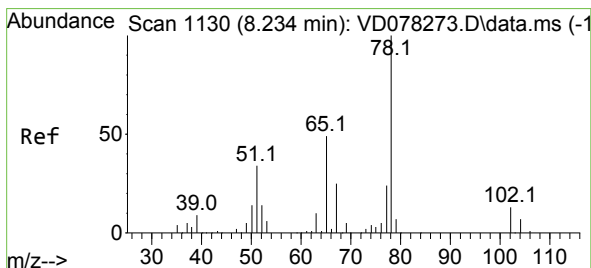
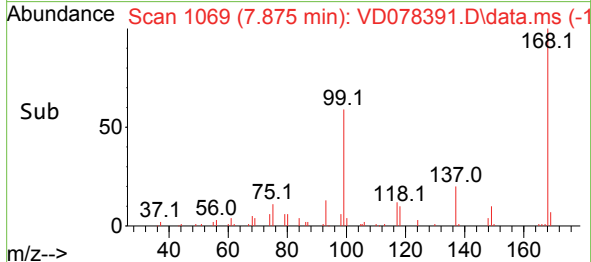
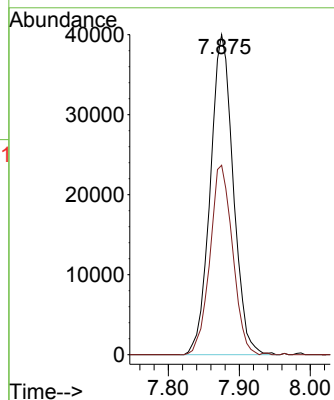
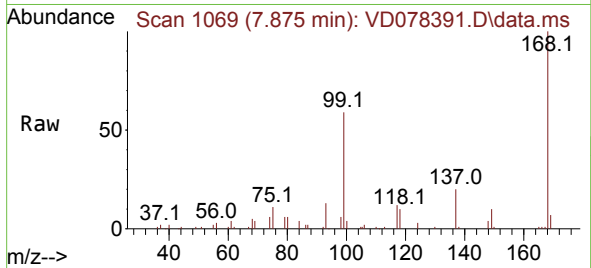




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD078391.D
Acq: 09 Feb 2024 17:56

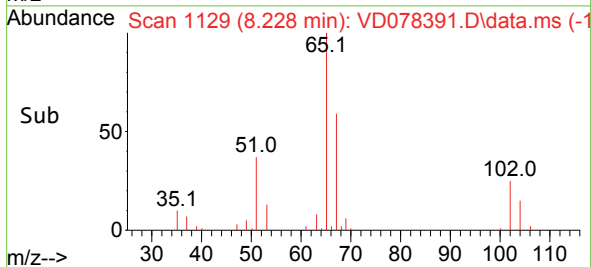
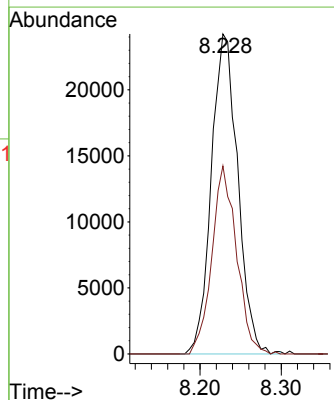
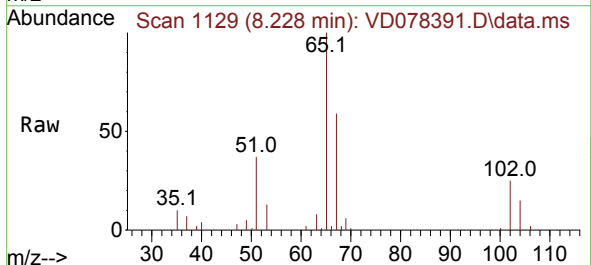
Instrument :
MSVOA_D
ClientSampleId :
FRENCH-020724

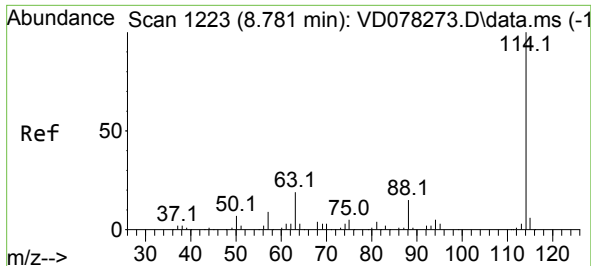
Tgt Ion:168 Resp: 89728
Ion Ratio Lower Upper
168 100
99 59.2 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 49.247 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078391.D
Acq: 09 Feb 2024 17:56

Tgt Ion: 65 Resp: 54702
Ion Ratio Lower Upper
65 100
67 55.1 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078391.D

Acq: 09 Feb 2024 17:56

Instrument :

MSVOA_D

ClientSampleId :

FRENCH-020724

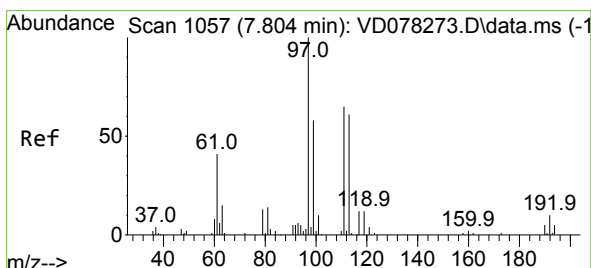
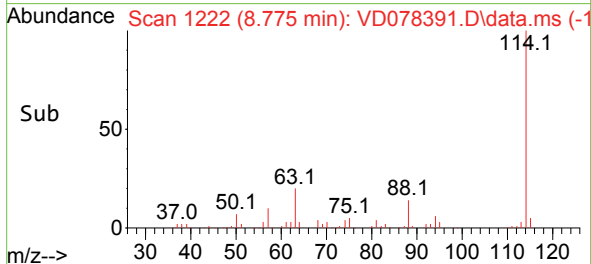
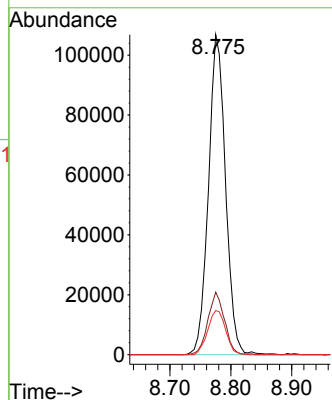
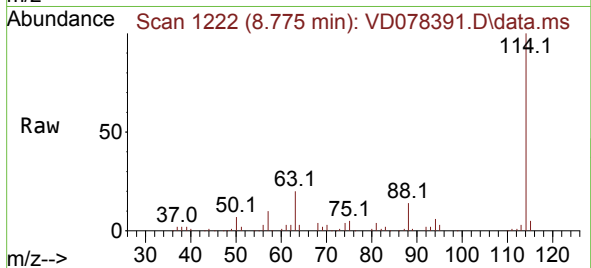
Tgt Ion:114 Resp: 208055

Ion Ratio Lower Upper

114 100

63 19.6 0.0 33.4

88 13.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 46.956 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078391.D

Acq: 09 Feb 2024 17:56

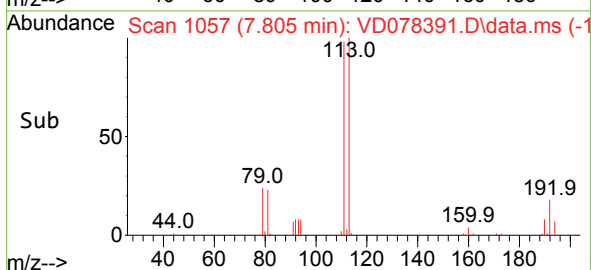
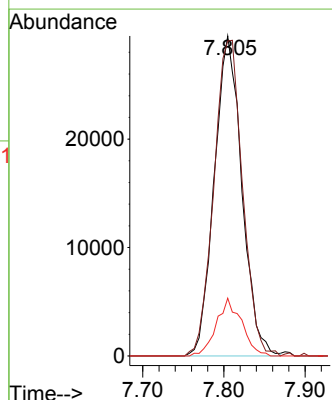
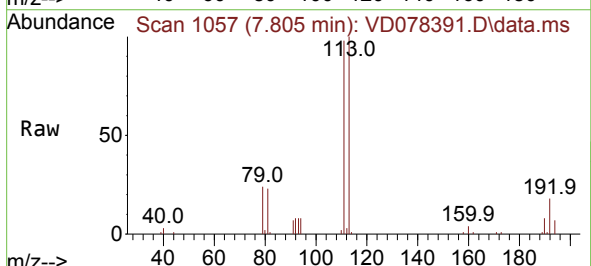
Tgt Ion:113 Resp: 69551

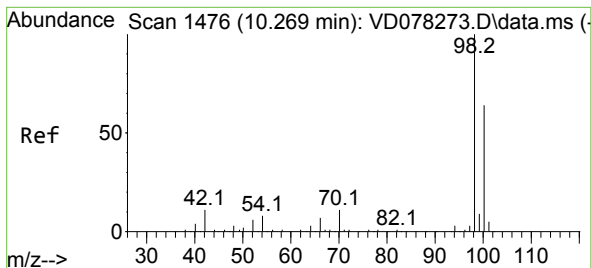
Ion Ratio Lower Upper

113 100

111 102.7 84.7 127.1

192 16.6 16.8 25.2#





#50

Toluene-d8

Concen: 50.420 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078391.D

Acq: 09 Feb 2024 17:56

Instrument :

MSVOA_D

ClientSampleId :

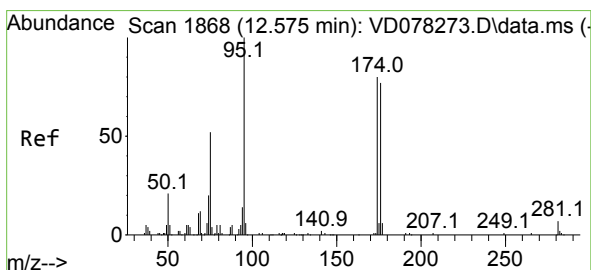
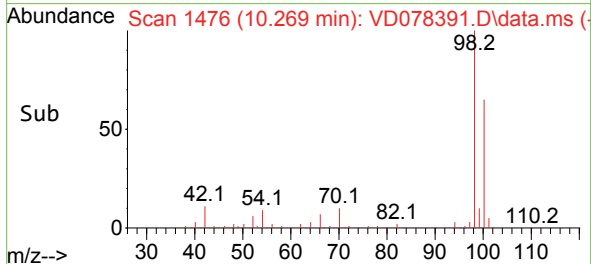
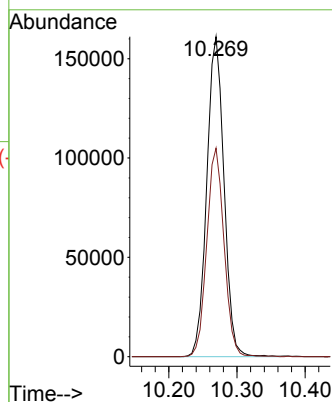
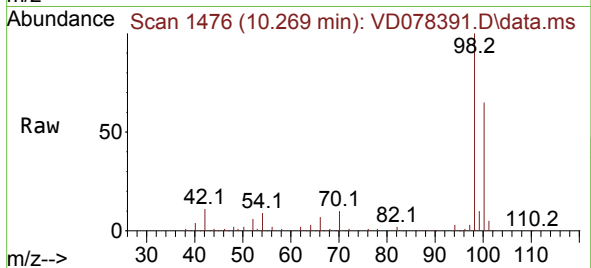
FRENCH-020724

Tgt Ion: 98 Resp: 282748

Ion Ratio Lower Upper

98 100

100 65.4 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 55.050 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VD078391.D

Acq: 09 Feb 2024 17:56

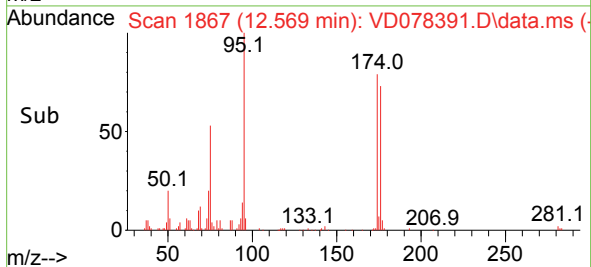
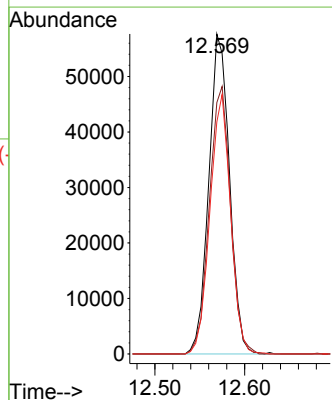
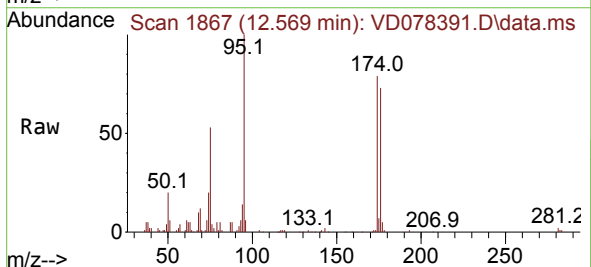
Tgt Ion: 95 Resp: 92451

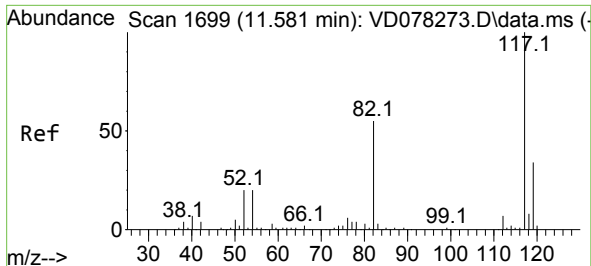
Ion Ratio Lower Upper

95 100

174 85.3 0.0 201.8

176 80.6 0.0 191.8

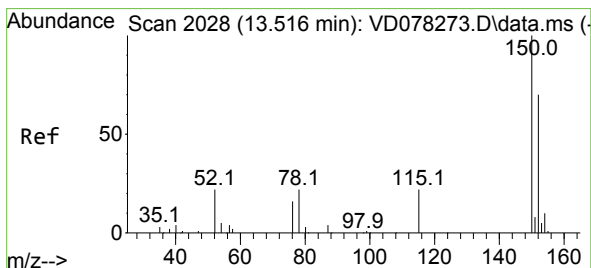
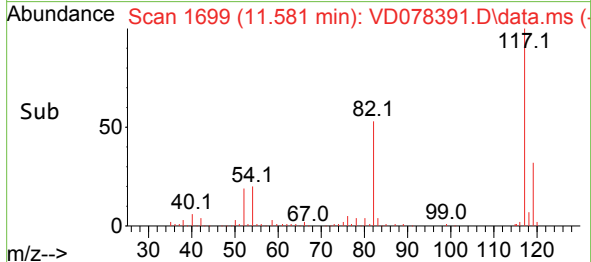
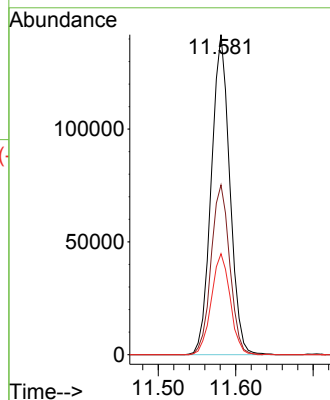
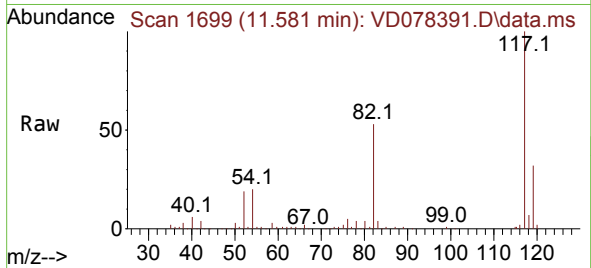




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078391.D
Acq: 09 Feb 2024 17:56

Instrument :
MSVOA_D
ClientSampleId :
FRENCH-020724

Tgt Ion:117 Resp: 235629
Ion Ratio Lower Upper
117 100
82 53.1 38.3 57.5
119 31.5 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078391.D
Acq: 09 Feb 2024 17:56

Tgt Ion:152 Resp: 108038
Ion Ratio Lower Upper
152 100
115 59.3 27.1 81.3
150 156.3 0.0 353.6

