

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041624\
 Data File : VD078821.D
 Acq On : 16 Apr 2024 14:04
 Operator : RP/MD
 Sample : P2114-01
 Misc : 5.05G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-08-041224

Quant Time: Apr 16 22:33:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	128462	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	249296	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	222381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	82602	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	72543	60.257	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.520%
35) Dibromofluoromethane	7.810	113	83781	52.197	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.400%
50) Toluene-d8	10.269	98	301456	51.068	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.140%
62) 4-Bromofluorobenzene	12.569	95	72551	42.011	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.020%

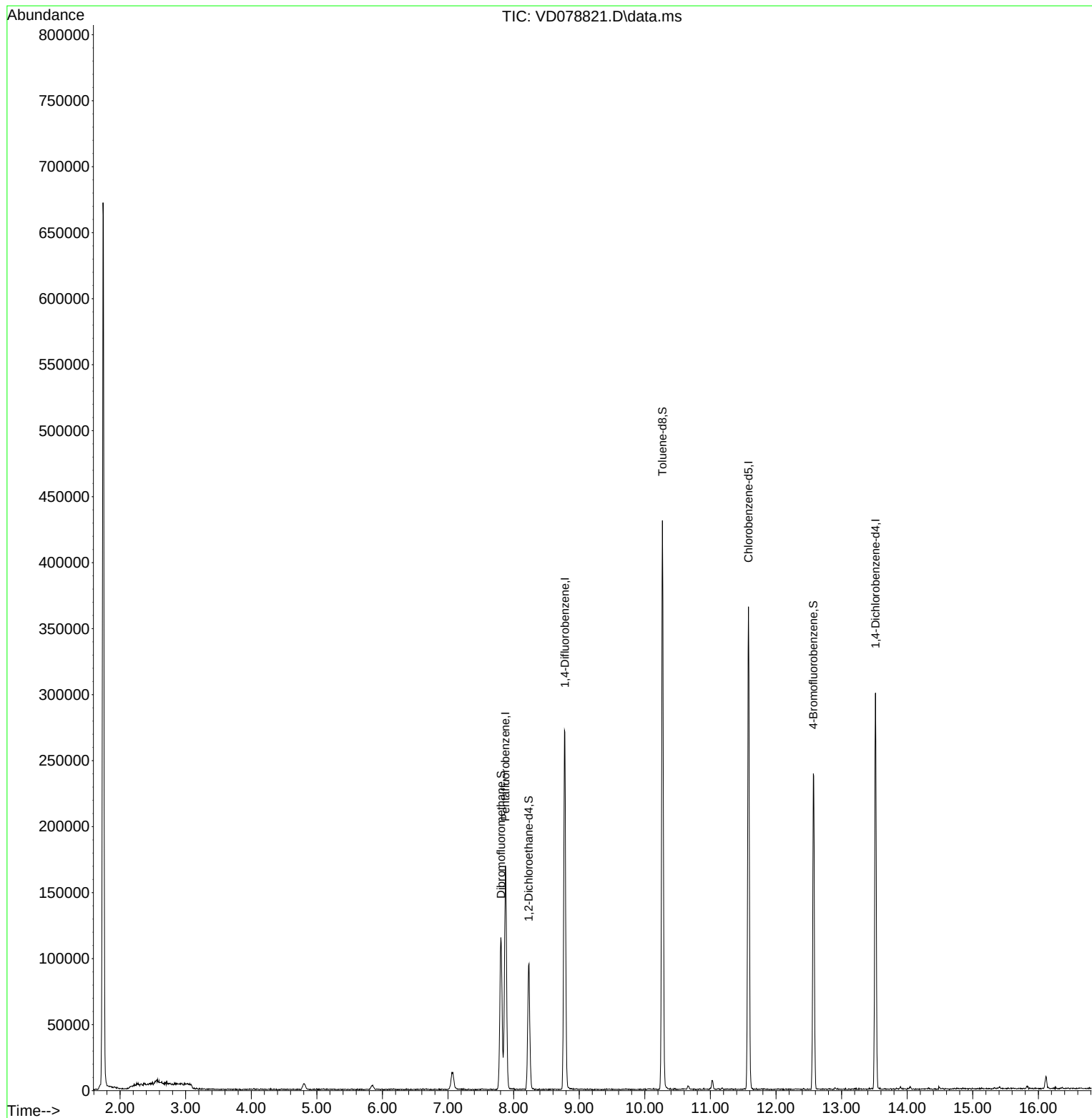
Target Compounds	Qvalue

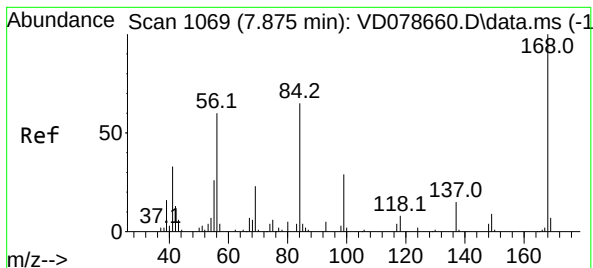
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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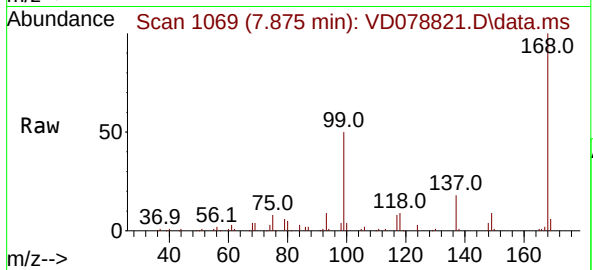
Quant Time: Apr 16 22:33:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
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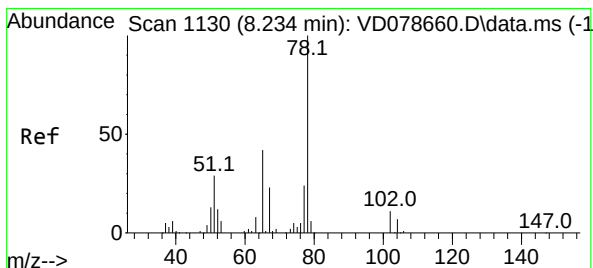
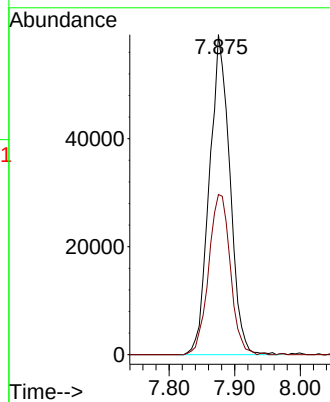
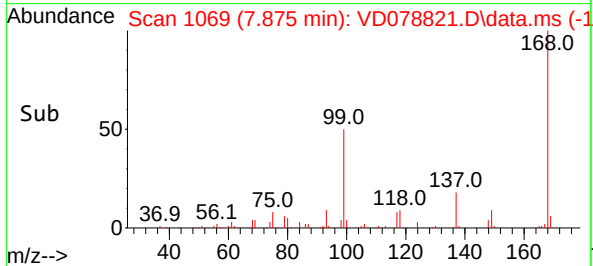


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD078821.D
Acq: 16 Apr 2024 14:04

Instrument :
MSVOA_D
ClientSampleId :
NB-08-041224

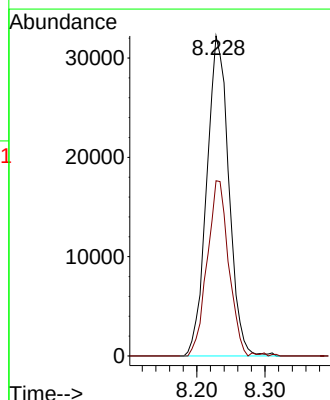
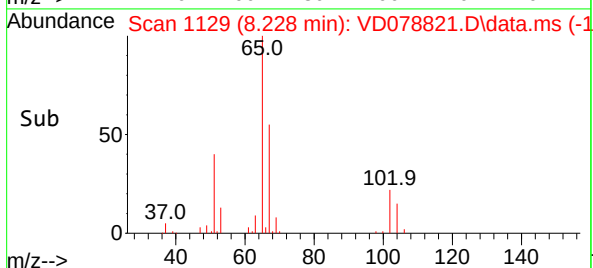
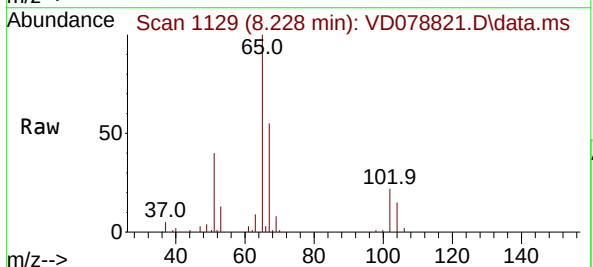


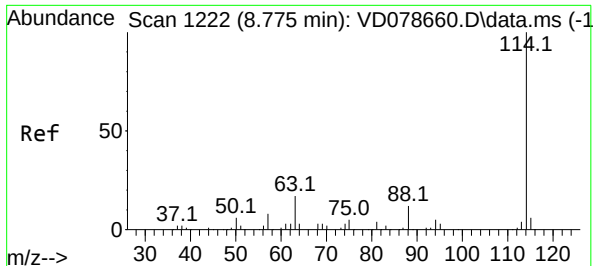
Tgt Ion:168 Resp: 128462
Ion Ratio Lower Upper
168 100
99 50.1 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 60.257 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078821.D
Acq: 16 Apr 2024 14:04

Tgt Ion: 65 Resp: 72543
Ion Ratio Lower Upper
65 100
67 53.4 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078821.D

Acq: 16 Apr 2024 14:04

Instrument :

MSVOA_D

ClientSampleId :

NB-08-041224

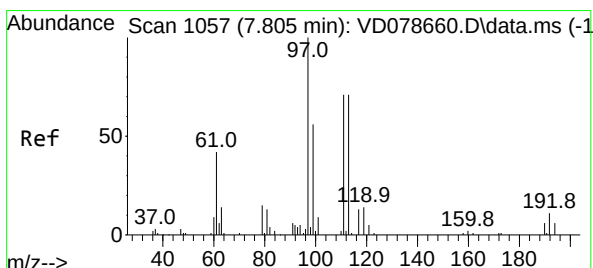
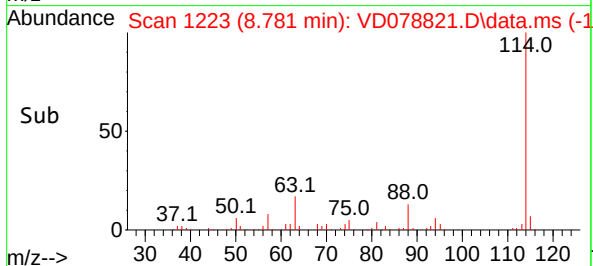
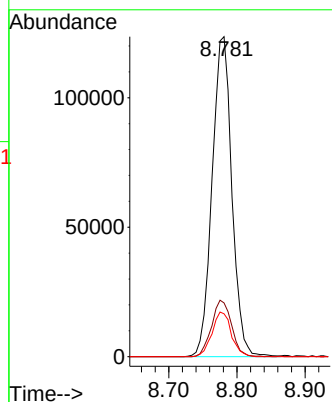
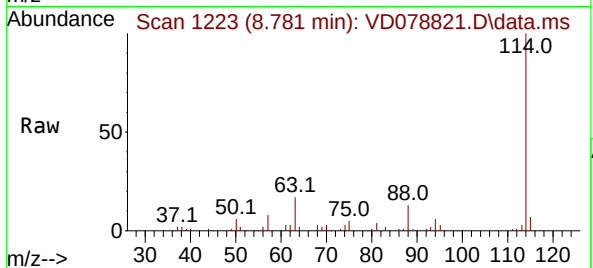
Tgt Ion:114 Resp: 249296

Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

88 13.4 0.0 24.6



#35

Dibromofluoromethane

Concen: 52.197 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078821.D

Acq: 16 Apr 2024 14:04

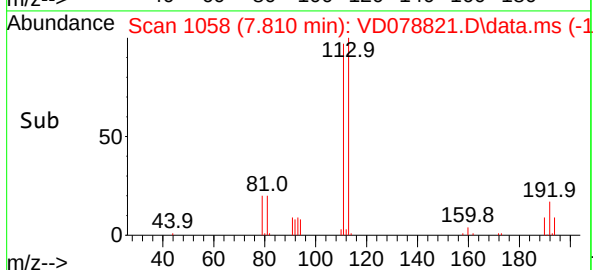
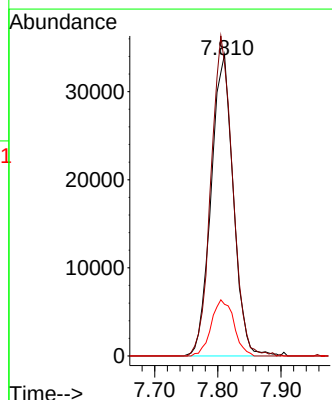
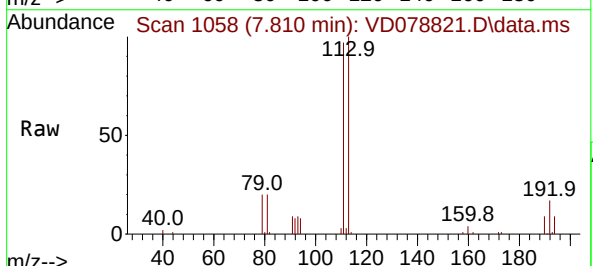
Tgt Ion:113 Resp: 83781

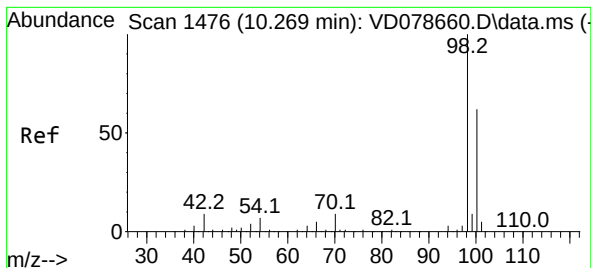
Ion Ratio Lower Upper

113 100

111 103.7 81.9 122.9

192 19.0 15.4 23.0





#50

Toluene-d8

Concen: 51.068 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078821.D

Acq: 16 Apr 2024 14:04

Instrument :

MSVOA_D

ClientSampleId :

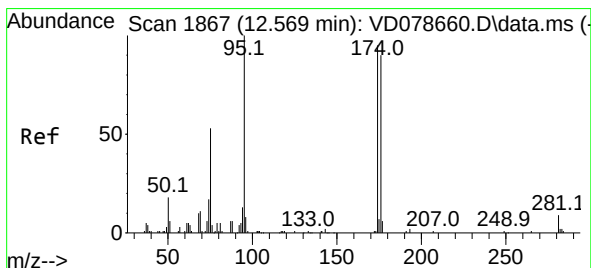
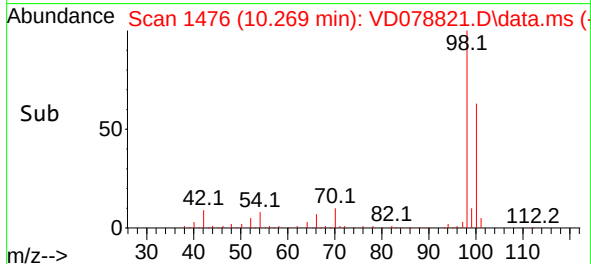
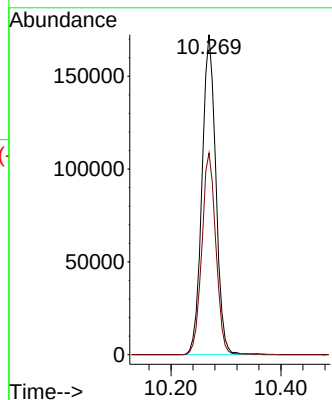
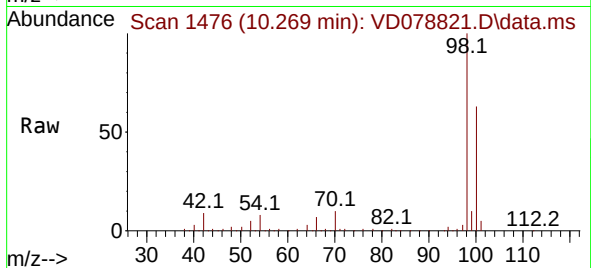
NB-08-041224

Tgt Ion: 98 Resp: 301456

Ion Ratio Lower Upper

98 100

100 63.7 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 42.011 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VD078821.D

Acq: 16 Apr 2024 14:04

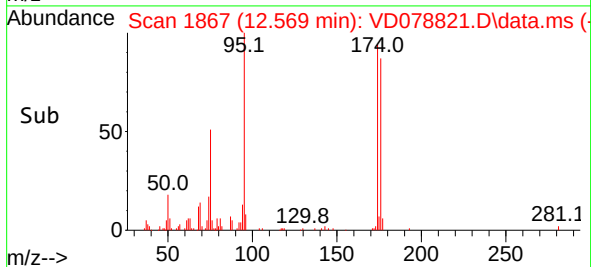
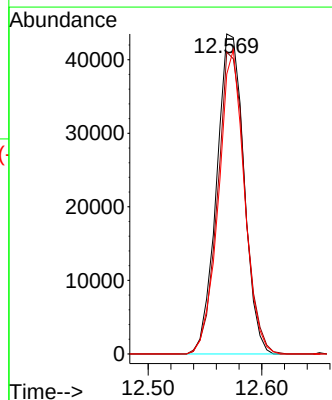
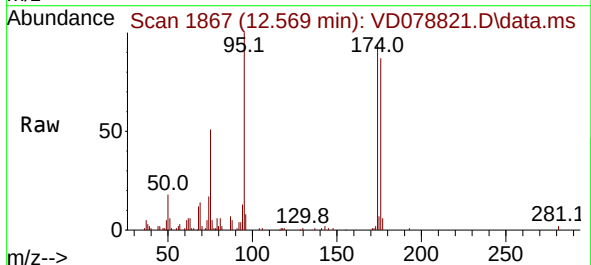
Tgt Ion: 95 Resp: 72551

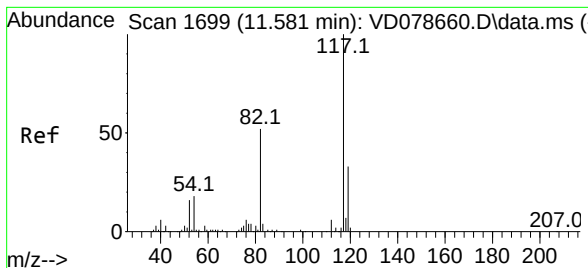
Ion Ratio Lower Upper

95 100

174 94.3 0.0 195.2

176 89.9 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078821.D

Acq: 16 Apr 2024 14:04

Instrument :

MSVOA_D

ClientSampleId :

NB-08-041224

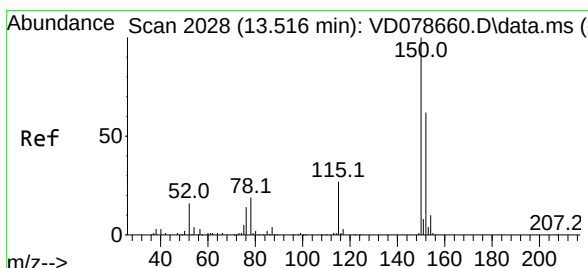
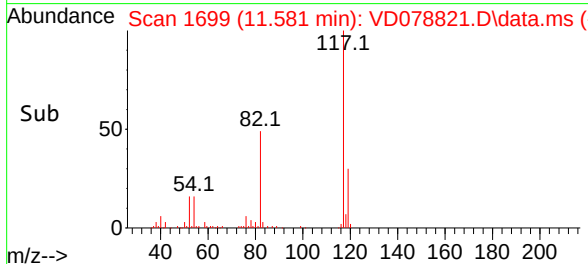
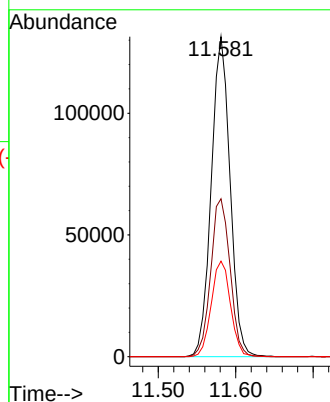
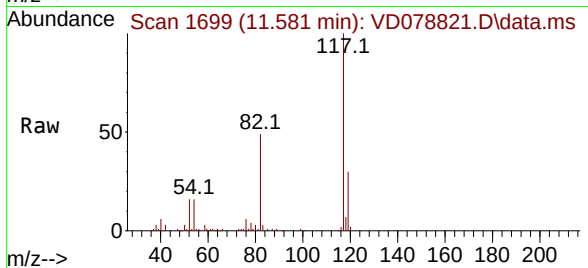
Tgt Ion:117 Resp: 222381

Ion Ratio Lower Upper

117 100

82 49.3 41.4 62.2

119 29.8 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD078821.D

Acq: 16 Apr 2024 14:04

Tgt Ion:152 Resp: 82602

Ion Ratio Lower Upper

152 100

115 54.5 27.1 81.2

150 154.7 0.0 350.2

