

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111924\
 Data File : VD080090.D
 Acq On : 19 Nov 2024 18:19
 Operator : RP/MD
 Sample : P4889-04
 Misc : 5.02G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-11142024

Quant Time: Nov 20 03:57:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 16:25:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	158660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	280242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	239524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	95801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	89388	54.720	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.440%
35) Dibromofluoromethane	7.810	113	88296	47.341	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.680%
50) Toluene-d8	10.269	98	254333	36.181	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	72.360%
62) 4-Bromofluorobenzene	12.569	95	68188	29.566	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	59.140%

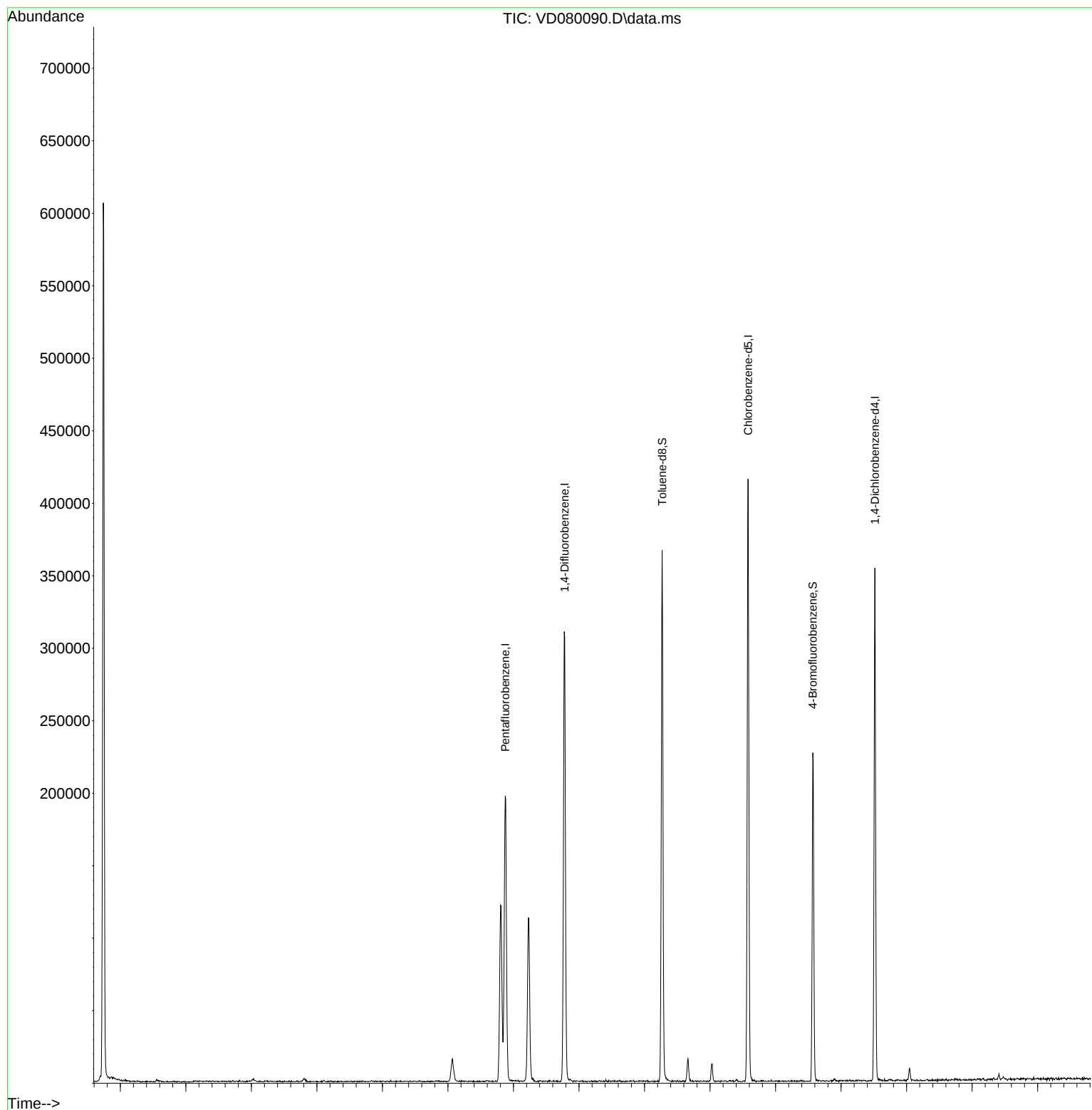
Target Compounds Qvalue

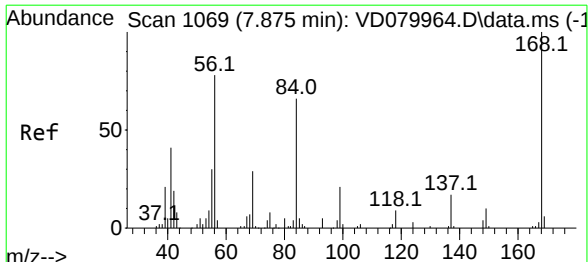
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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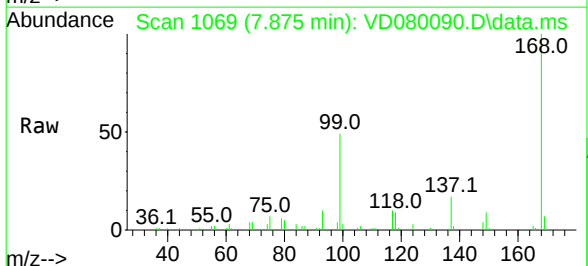
Quant Time: Nov 20 03:57:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
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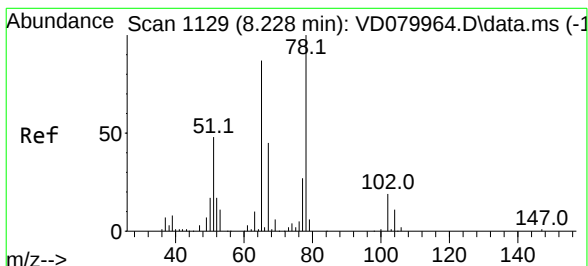
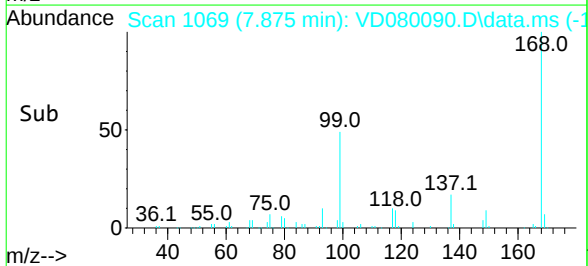
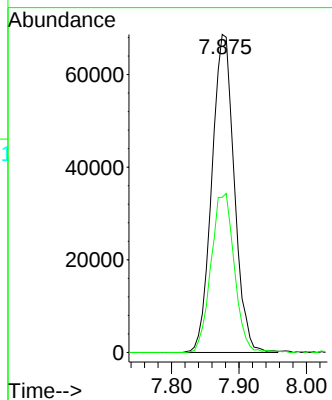


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD080090.D
Acq: 19 Nov 2024 18:19

Instrument :
MSVOA_D
ClientSampleId :
OR-03-11142024

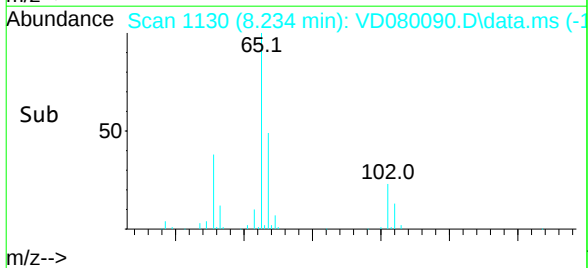
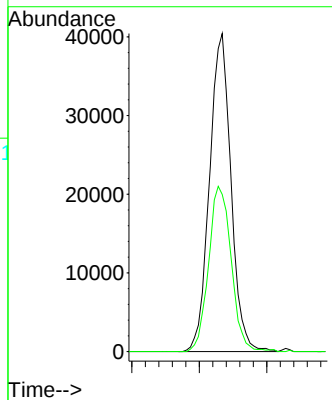
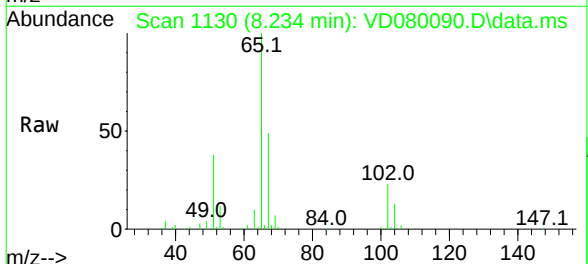


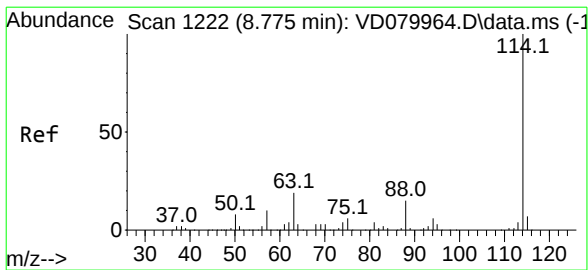
Tgt Ion:168 Resp: 158660
Ion Ratio Lower Upper
168 100
99 48.8 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 54.720 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD080090.D
Acq: 19 Nov 2024 18:19

Tgt Ion: 65 Resp: 89388
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 12

Delta R.T. 0.006 min

Lab File: VD080090.D

Acq: 19 Nov 2024 18:19

Instrument :

MSVOA_D

ClientSampleId :

OR-03-11142024

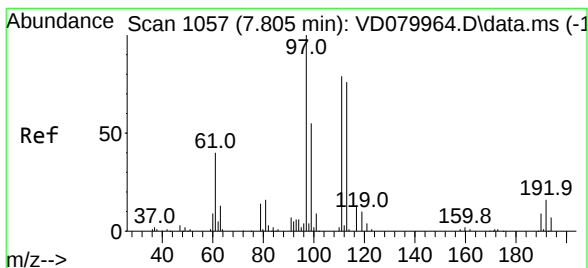
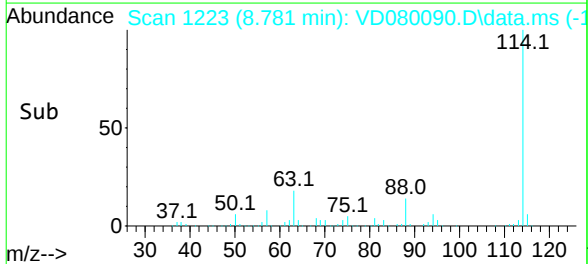
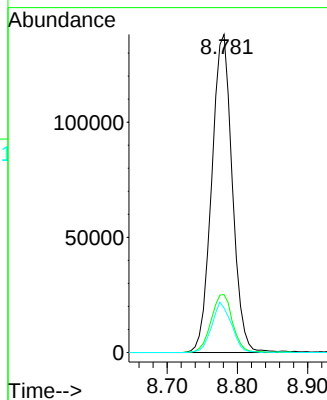
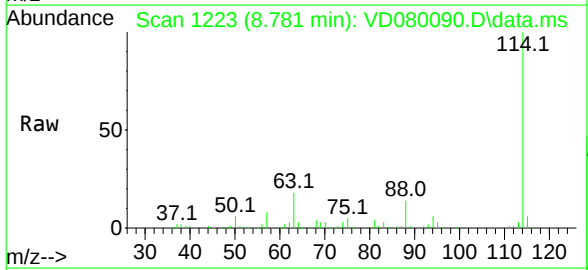
Tgt Ion:114 Resp: 280242

Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.8

88 14.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.341 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD080090.D

Acq: 19 Nov 2024 18:19

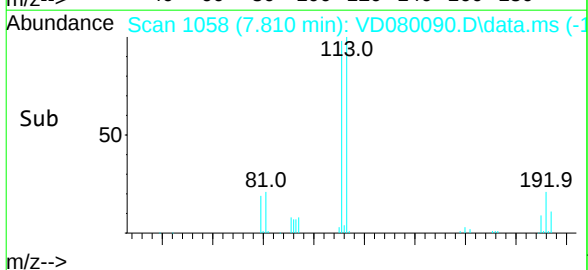
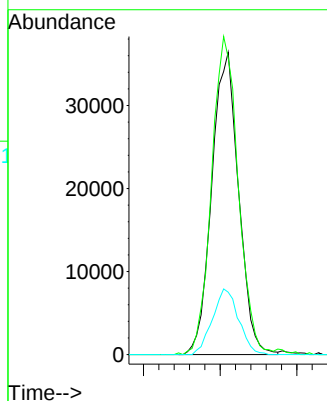
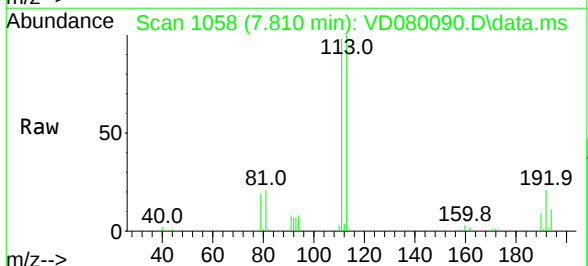
Tgt Ion:113 Resp: 88296

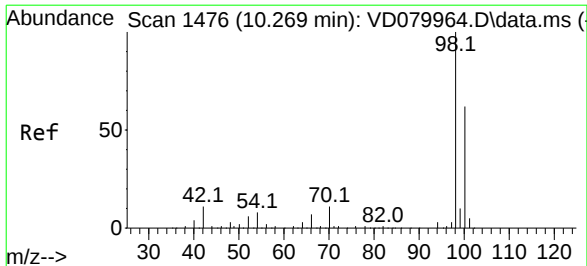
Ion Ratio Lower Upper

113 100

111 104.6 82.5 123.7

192 21.2 16.6 25.0

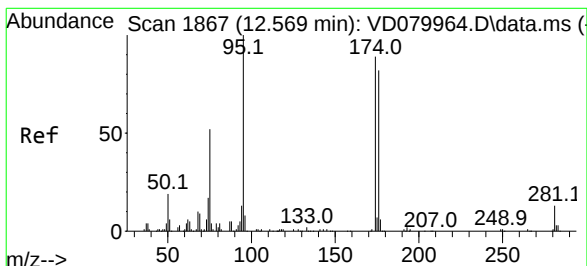
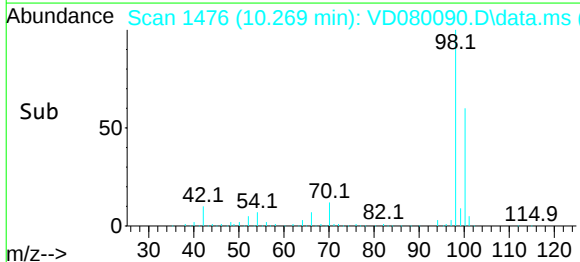
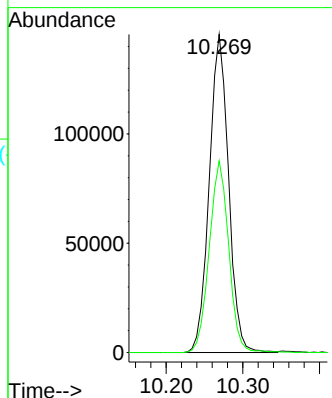
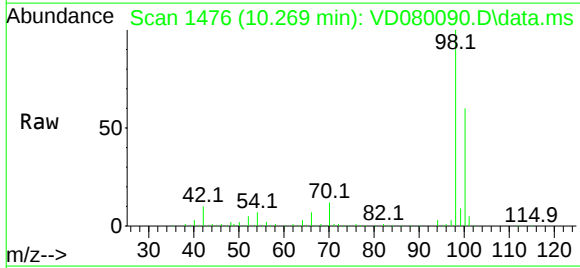




#50
Toluene-d8
Concen: 36.181 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD080090.D
Acq: 19 Nov 2024 18:19

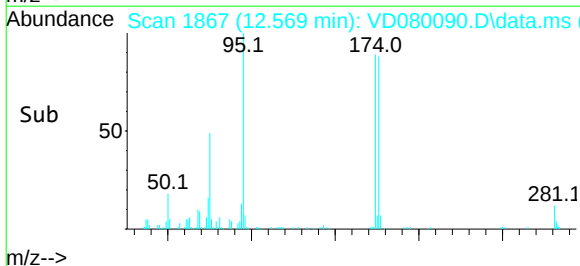
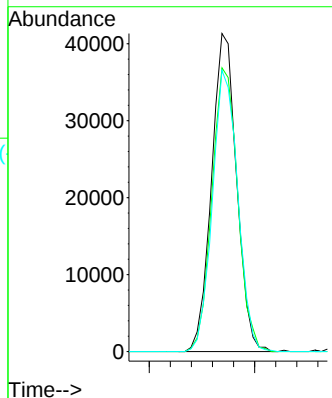
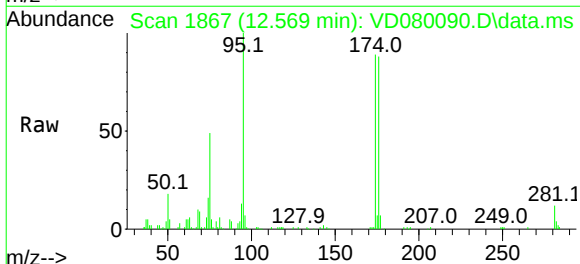
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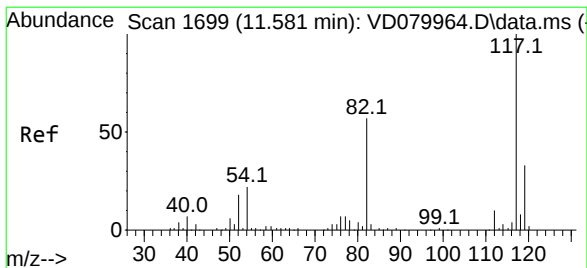
Tgt Ion: 98 Resp: 254333
Ion Ratio Lower Upper
98 100
100 60.8 50.2 75.4



#62
4-Bromofluorobenzene
Concen: 29.566 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD080090.D
Acq: 19 Nov 2024 18:19

Tgt Ion: 95 Resp: 68188
Ion Ratio Lower Upper
95 100
174 91.6 0.0 173.4
176 89.5 0.0 166.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VD080090.D

Acq: 19 Nov 2024 18:19

Instrument :

MSVOA_D

ClientSampleId :

OR-03-11142024

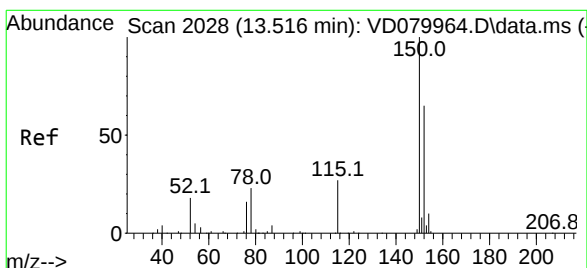
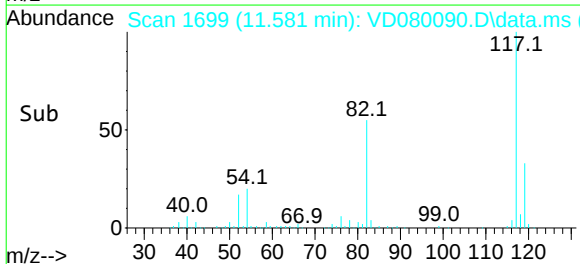
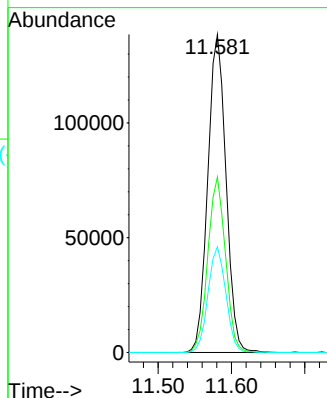
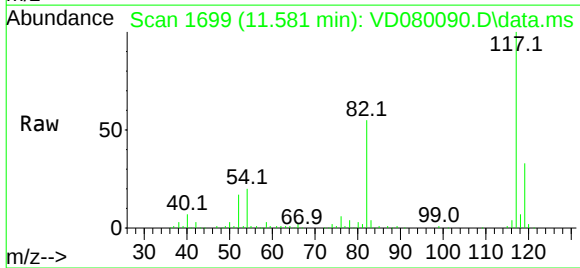
Tgt Ion:117 Resp: 239524

Ion Ratio Lower Upper

117 100

82 55.2 45.8 68.6

119 33.2 26.2 39.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD080090.D

Acq: 19 Nov 2024 18:19

Tgt Ion:152 Resp: 95801

Ion Ratio Lower Upper

152 100

115 56.4 28.9 86.8

150 155.7 0.0 354.8

