

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111724\
 Data File : VD080051.D
 Acq On : 17 Nov 2024 19:22
 Operator : RP/MD
 Sample : P4859-01
 Misc : 5.01G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-08-111424

Quant Time: Nov 18 04:27:50 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	138390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	219788	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	195487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	79007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	80233	56.309	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.620%
35) Dibromofluoromethane	7.805	113	78472	53.646	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.300%
50) Toluene-d8	10.269	98	222240	40.311	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.620%
62) 4-Bromofluorobenzene	12.575	95	63658	35.194	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.380%

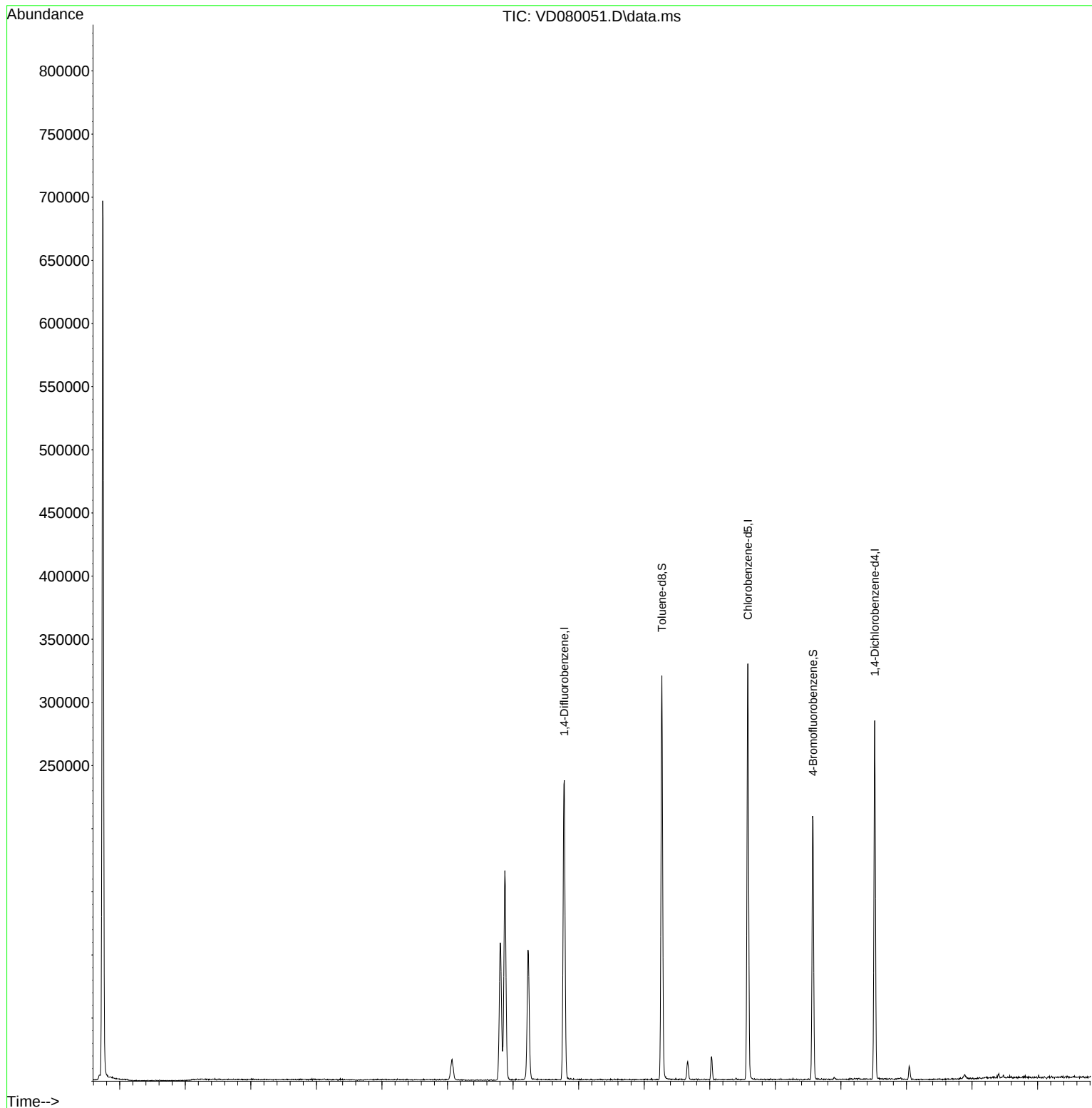
Target Compounds Qvalue

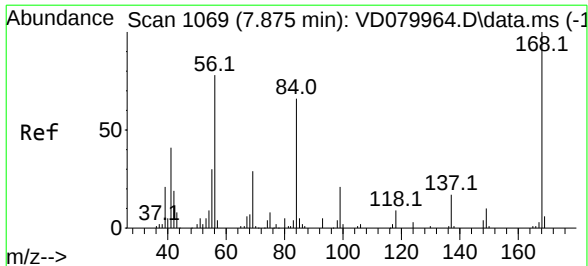
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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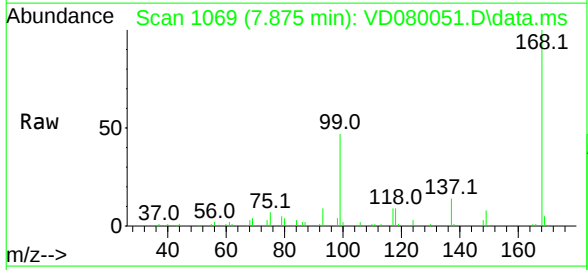
Quant Time: Nov 18 04:27:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
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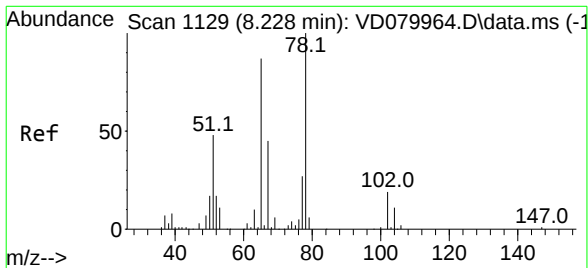
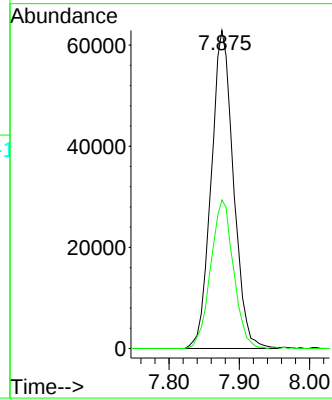
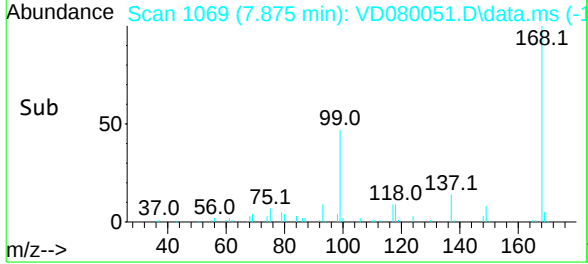


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD080051.D
Acq: 17 Nov 2024 19:22

Instrument :
MSVOA_D
ClientSampleId :
NB-08-111424

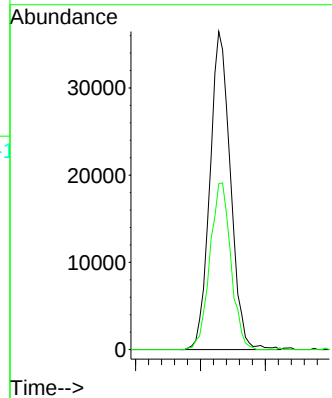
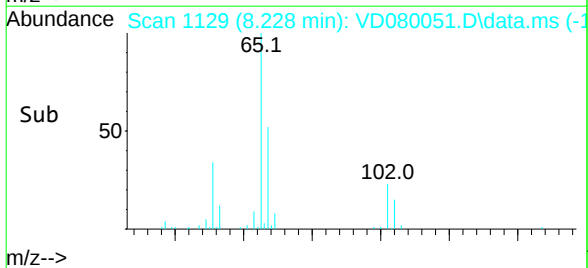
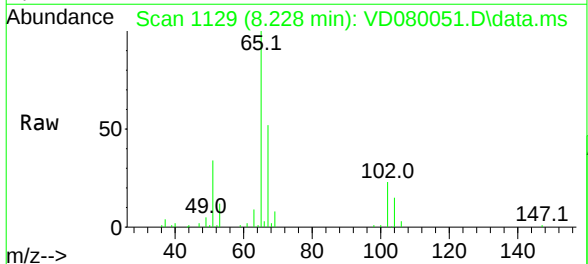


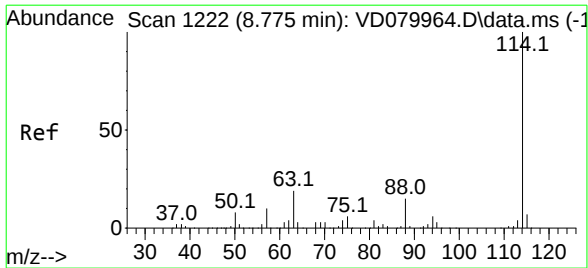
Tgt Ion:168 Resp: 138390
Ion Ratio Lower Upper
168 100
99 46.7 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 56.309 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD080051.D
Acq: 17 Nov 2024 19:22

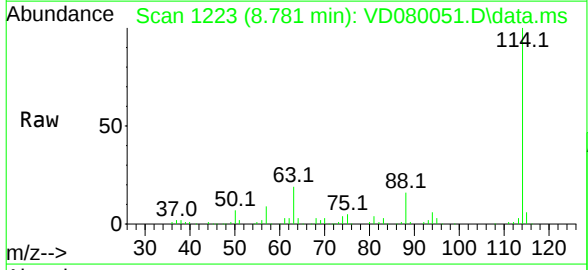
Tgt Ion: 65 Resp: 80233
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.2



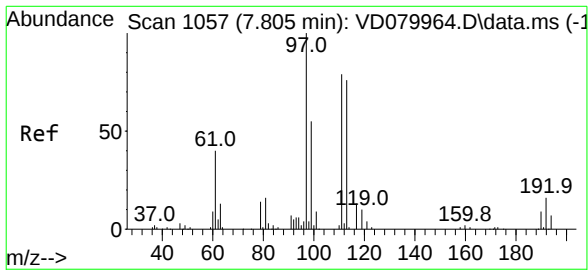
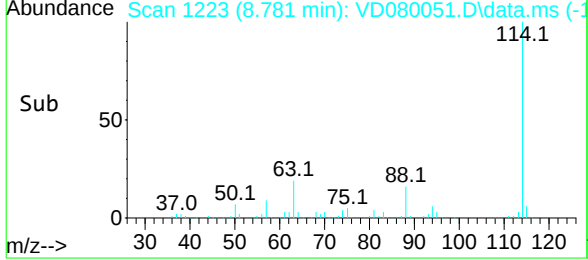
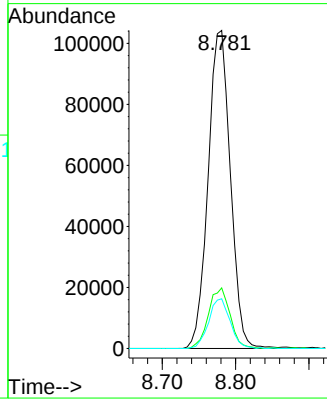


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: VD080051.D
 Acq: 17 Nov 2024 19:22

Instrument :
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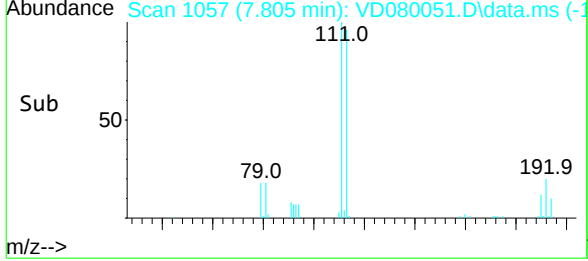
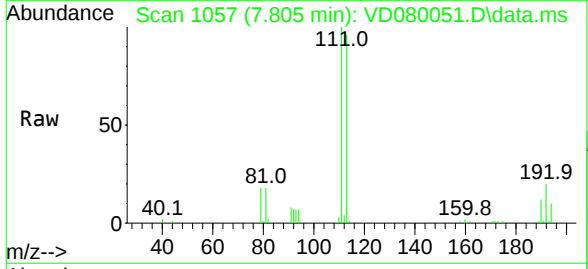
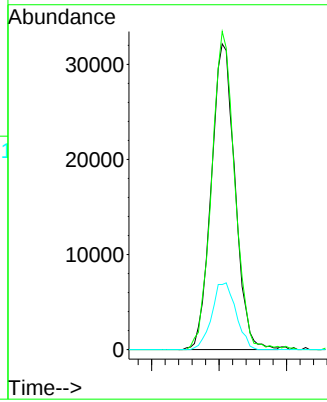


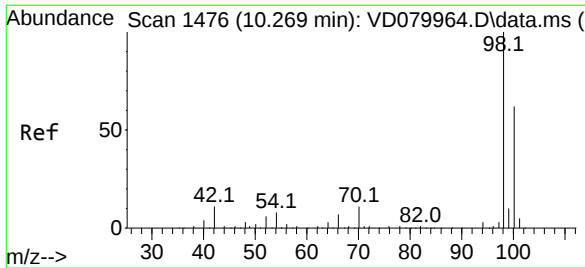
Tgt Ion:	114	Resp:	219788
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.8
88	15.6	0.0	30.6



#35
 Dibromofluoromethane
 Concen: 53.646 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. -0.000 min
 Lab File: VD080051.D
 Acq: 17 Nov 2024 19:22

Tgt Ion:	113	Resp:	78472
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.5	123.7
192	22.2	16.6	25.0





#50

Toluene-d8

Concen: 40.311 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD080051.D

Acq: 17 Nov 2024 19:22

Instrument :

MSVOA_D

ClientSampleId :

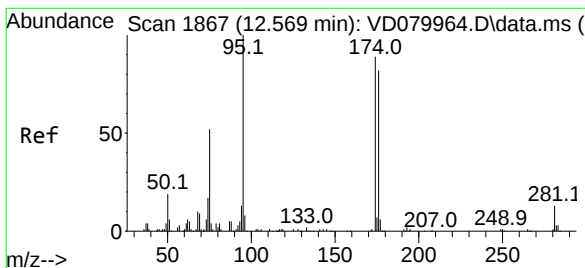
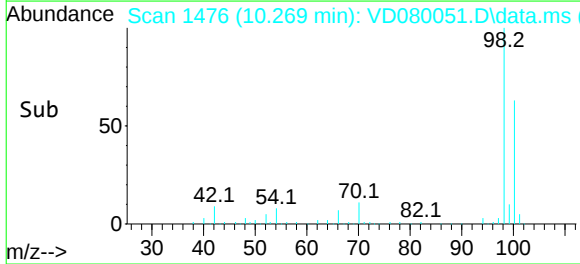
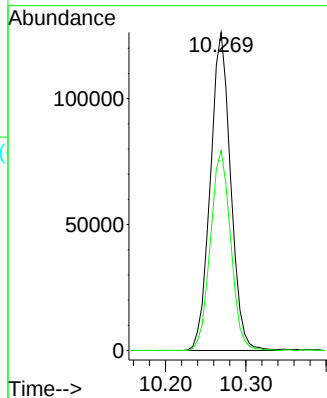
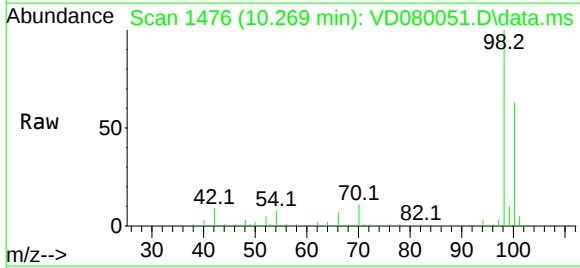
NB-08-111424

Tgt Ion: 98 Resp: 222240

Ion Ratio Lower Upper

98 100

100 62.7 50.2 75.4



#62

4-Bromofluorobenzene

Concen: 35.194 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD080051.D

Acq: 17 Nov 2024 19:22

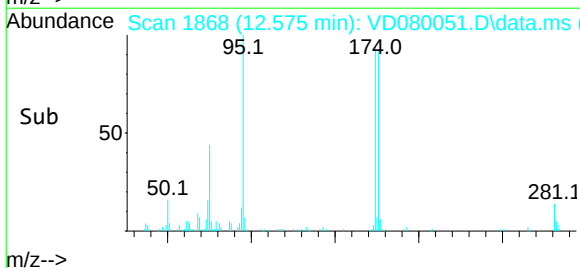
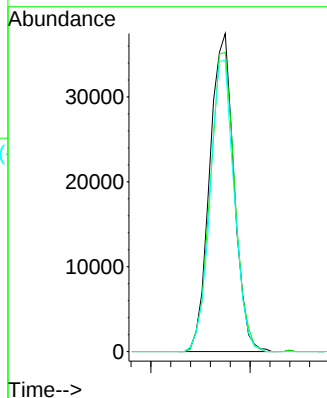
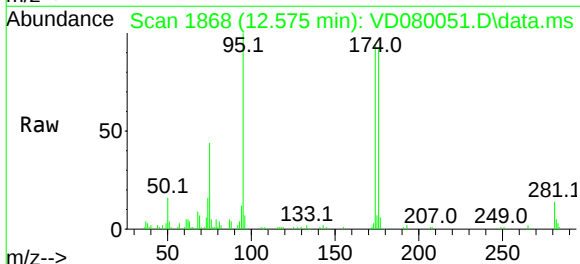
Tgt Ion: 95 Resp: 63658

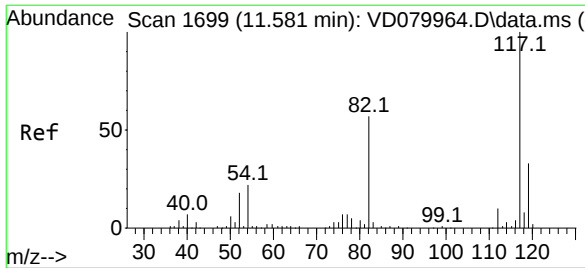
Ion Ratio Lower Upper

95 100

174 94.9 0.0 173.4

176 91.1 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: VD080051.D

Acq: 17 Nov 2024 19:22

Instrument :

MSVOA_D

ClientSampleId :

NB-08-111424

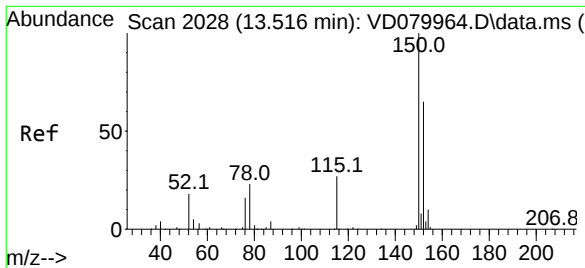
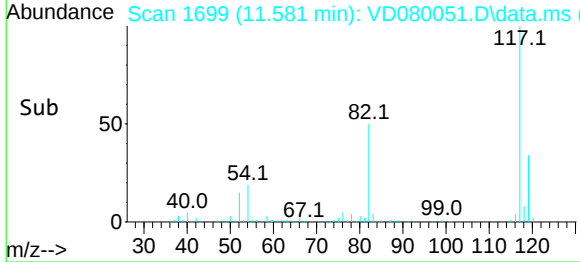
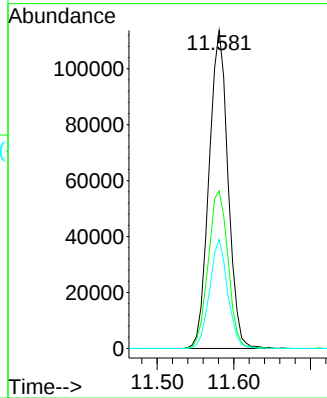
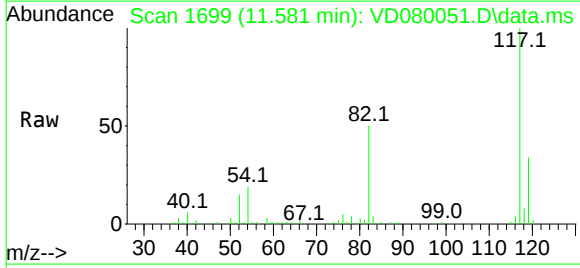
Tgt Ion:117 Resp: 195487

Ion Ratio Lower Upper

117 100

82 49.5 45.8 68.6

119 34.3 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: VD080051.D

Acq: 17 Nov 2024 19:22

Tgt Ion:152 Resp: 79007

Ion Ratio Lower Upper

152 100

115 55.8 28.9 86.8

150 158.9 0.0 354.8

