

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101321\
 Data File : VD070704.D
 Acq On : 13 Oct 2021 18:14
 Operator : VA/SY
 Sample : M4194-04
 Misc : 5.72G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-209

Quant Time: Oct 14 04:05:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	346253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	660209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	623585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	258144	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	220568	54.128	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.260%
35) Dibromofluoromethane	7.908	113	217888	49.639	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.280%
50) Toluene-d8	10.332	98	829901	49.457	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.920%
62) 4-Bromofluorobenzene	12.620	95	259163	46.210	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.420%

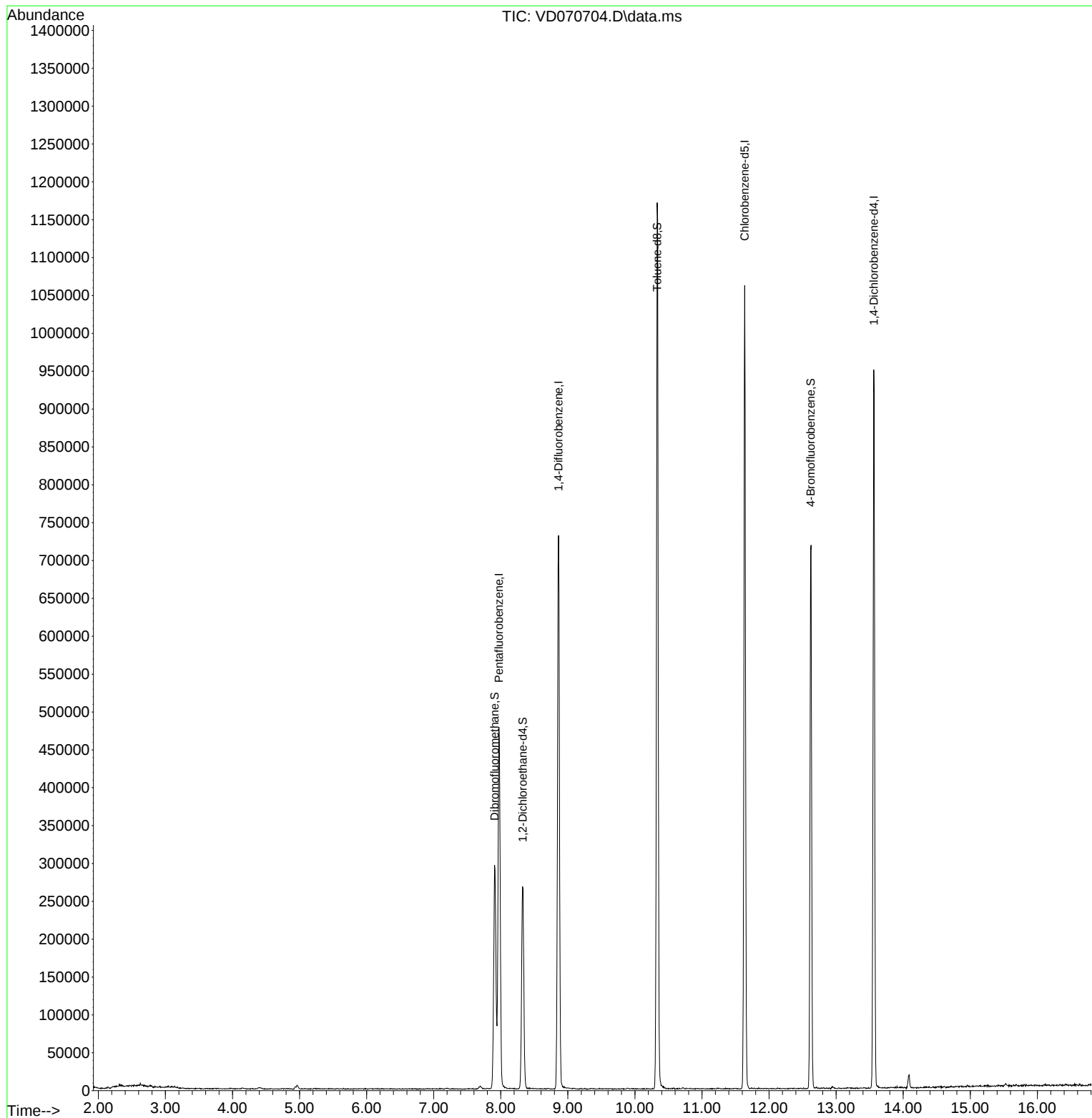
Target Compounds	Qvalue

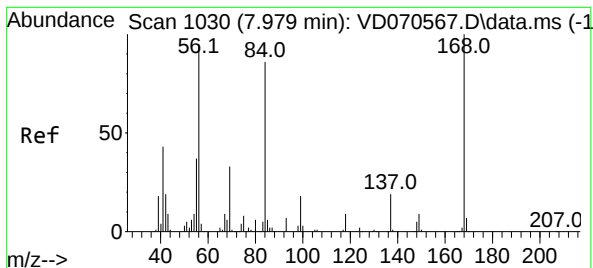
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD070704.D

Acq: 13 Oct 2021 18:14

Instrument :

MSVOA_D

ClientSampleId :

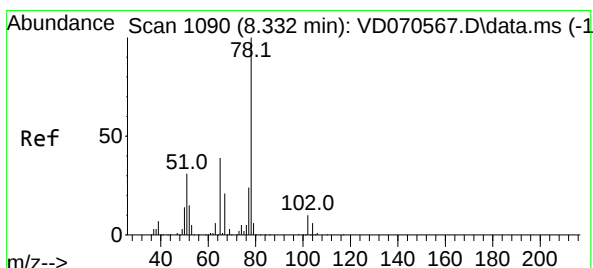
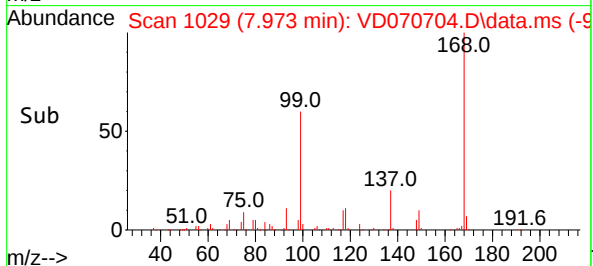
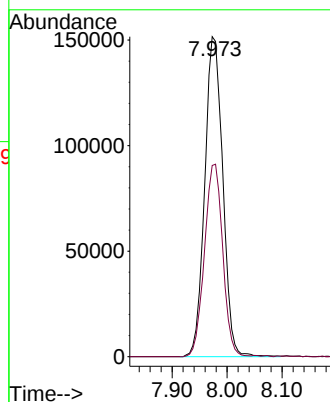
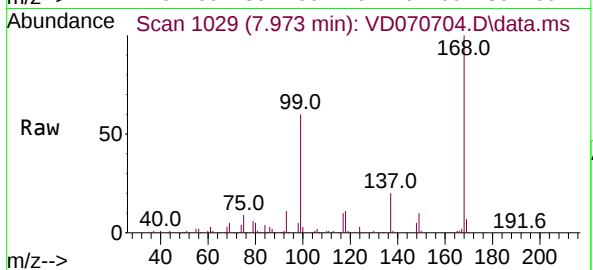
VNJ-209

Tgt Ion:168 Resp: 346253

Ion Ratio Lower Upper

168 100

99 59.7 51.4 77.0



#33

1,2-Dichloroethane-d4

Concen: 54.128 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD070704.D

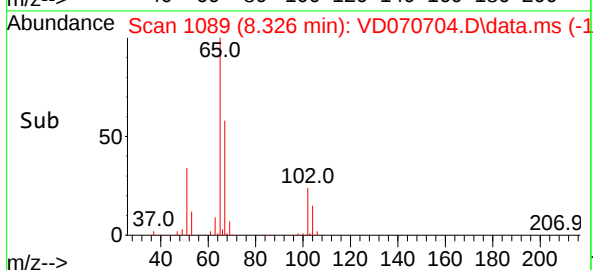
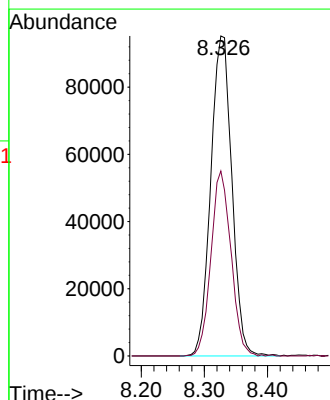
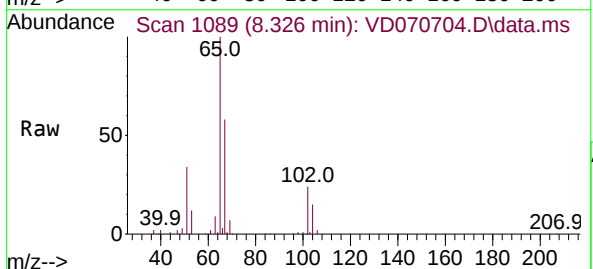
Acq: 13 Oct 2021 18:14

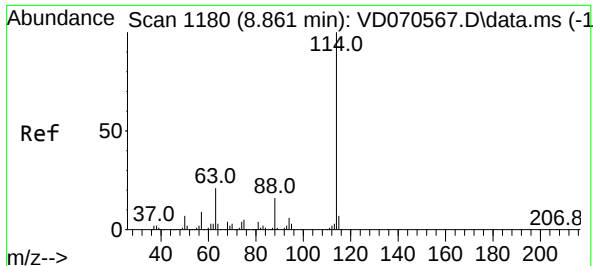
Tgt Ion: 65 Resp: 220568

Ion Ratio Lower Upper

65 100

67 55.0 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD070704.D

Acq: 13 Oct 2021 18:14

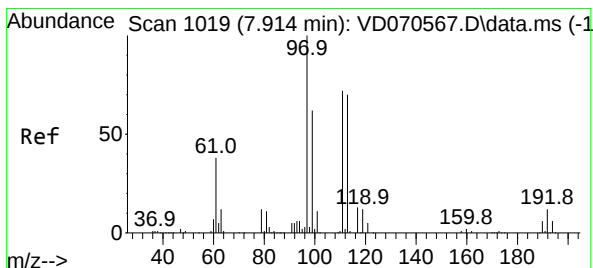
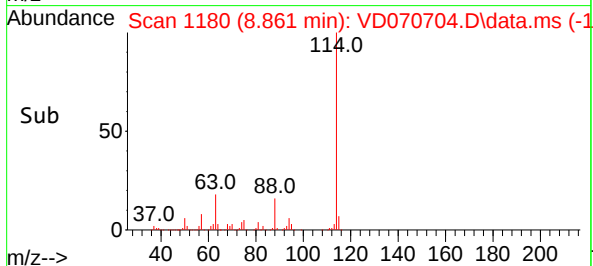
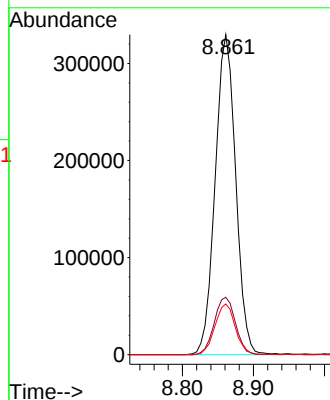
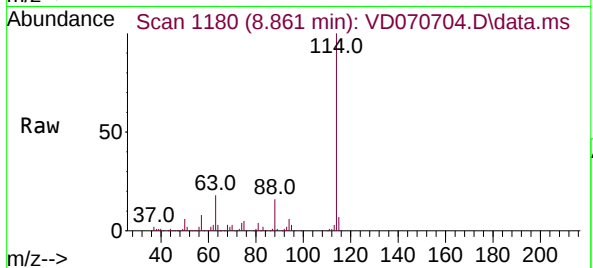
Tgt Ion:114 Resp: 660209

Ion Ratio Lower Upper

114 100

63 18.0 0.0 41.8

88 15.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.639 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070704.D

Acq: 13 Oct 2021 18:14

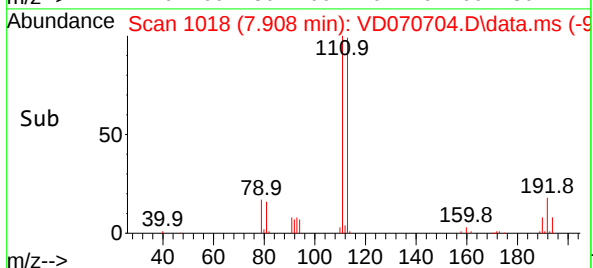
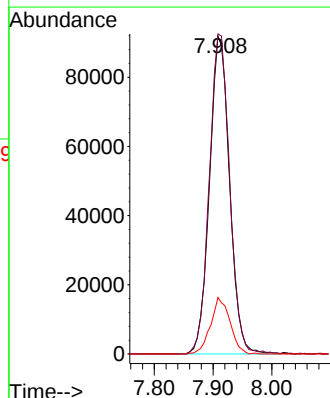
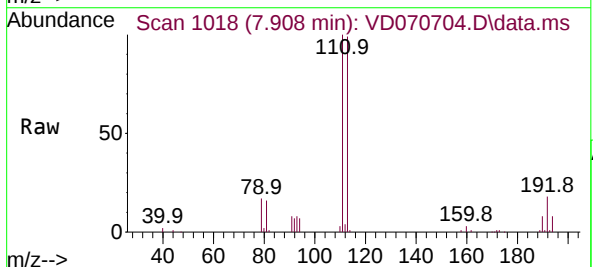
Tgt Ion:113 Resp: 217888

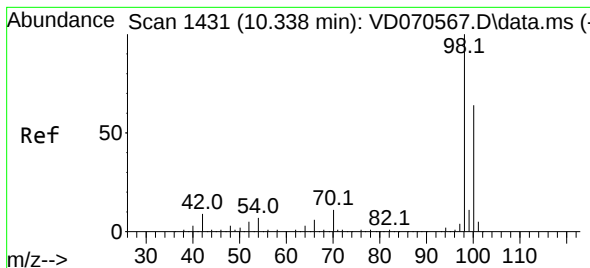
Ion Ratio Lower Upper

113 100

111 102.1 83.1 124.7

192 17.2 12.7 19.1

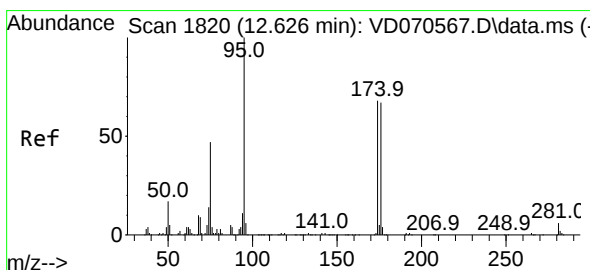
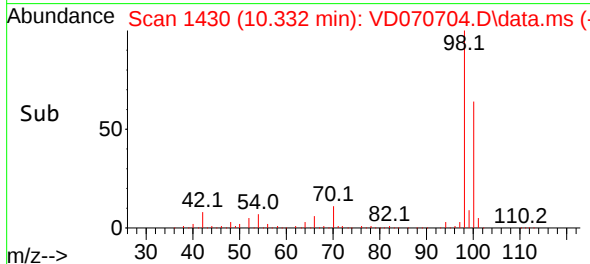
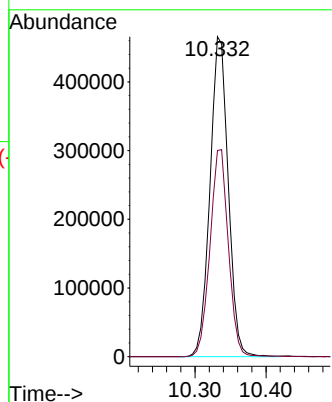
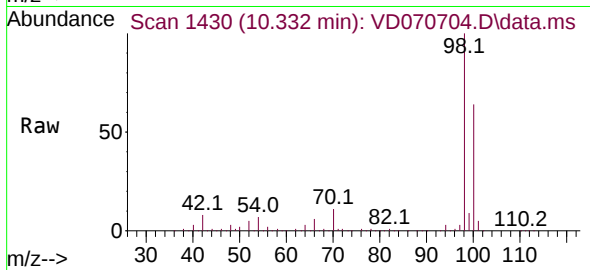




#50
Toluene-d8
Concen: 49.457 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070704.D
Acq: 13 Oct 2021 18:14

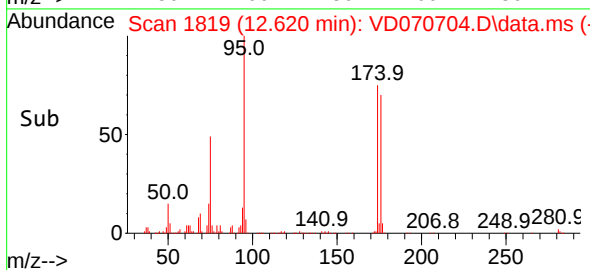
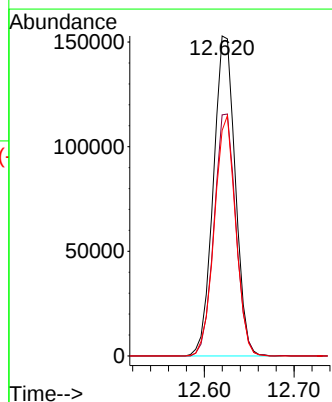
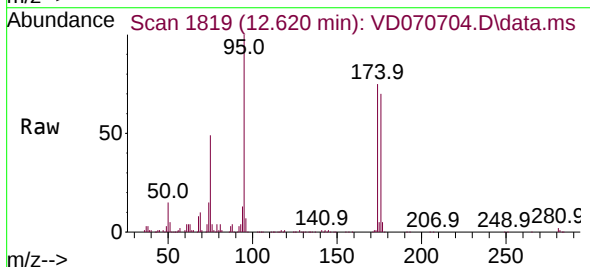
Instrument :
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VNJ-209

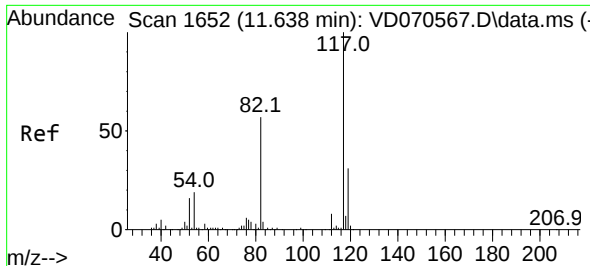
Tgt Ion: 98 Resp: 829901
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.210 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070704.D
Acq: 13 Oct 2021 18:14

Tgt Ion: 95 Resp: 259163
Ion Ratio Lower Upper
95 100
174 75.0 0.0 138.0
176 72.9 0.0 135.6

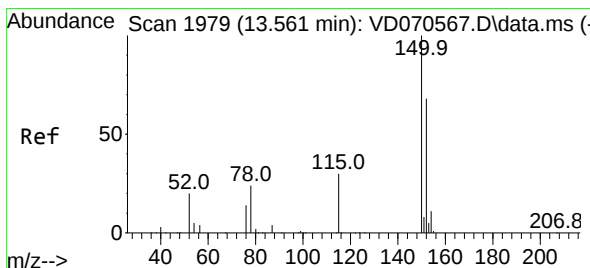
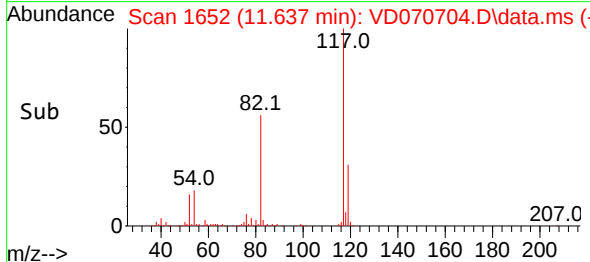
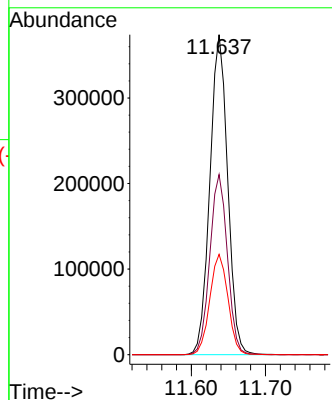
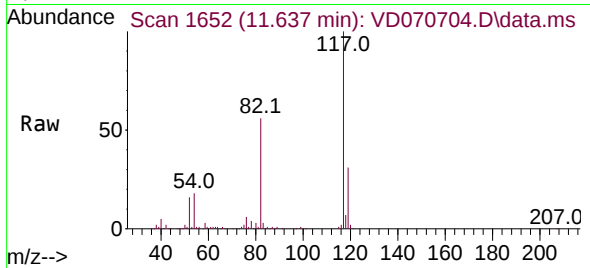




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070704.D
Acq: 13 Oct 2021 18:14

Instrument :
MSVOA_D
ClientSampleId :
VNJ-209

Tgt Ion:117 Resp: 623585
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.2
119 31.4 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070704.D
Acq: 13 Oct 2021 18:14

Tgt Ion:152 Resp: 258144
Ion Ratio Lower Upper
152 100
115 63.3 31.9 95.7
150 158.0 0.0 350.0

