

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061422\
 Data File : VD073563.D
 Acq On : 14 Jun 2022 12:09
 Operator : VA/SY
 Sample : N3296-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-060922

Quant Time: Jun 14 15:43:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	204734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	367927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	457173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	228571	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	105408	47.977	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.960%
35) Dibromofluoromethane	7.908	113	125342	52.978	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.960%
50) Toluene-d8	10.332	98	470811	52.633	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.260%
62) 4-Bromofluorobenzene	12.620	95	211919	65.259	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	130.520%

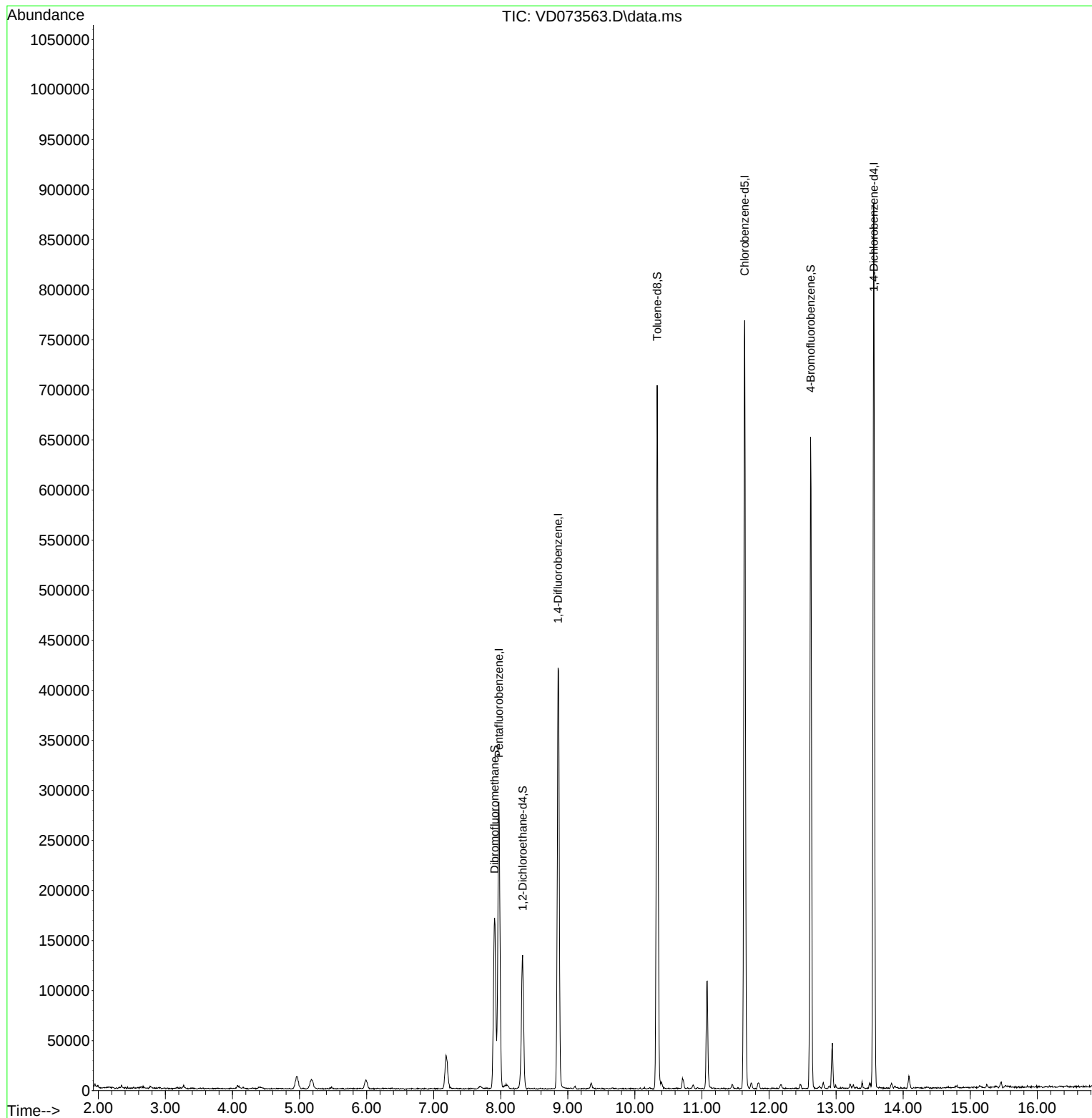
Target Compounds	Qvalue

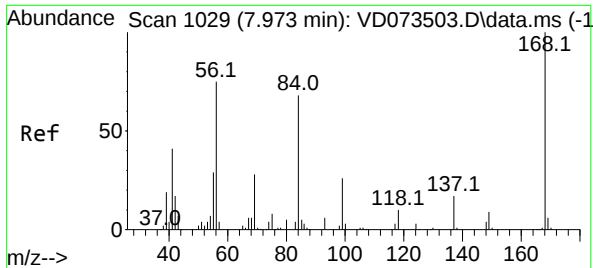
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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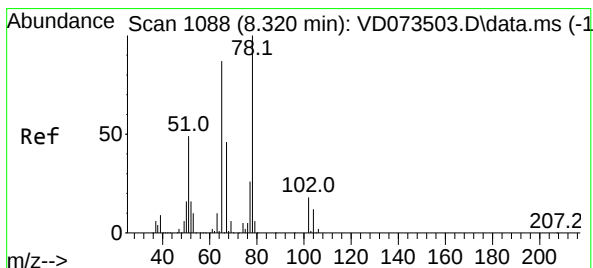
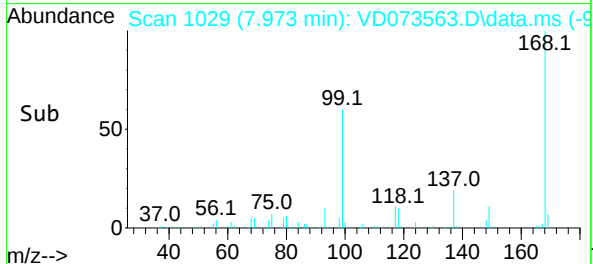
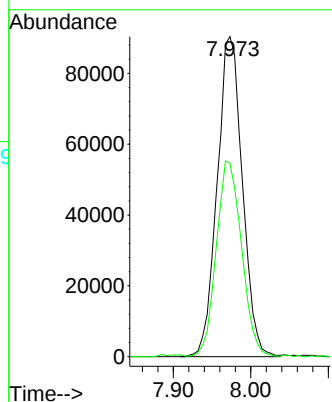
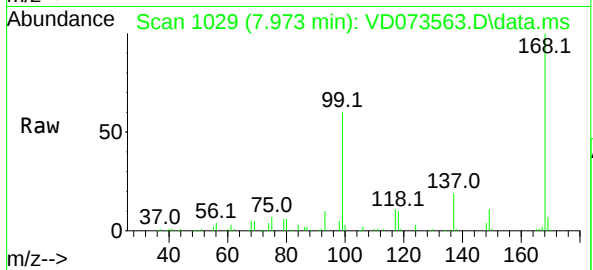




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073563.D
Acq: 14 Jun 2022 12:09

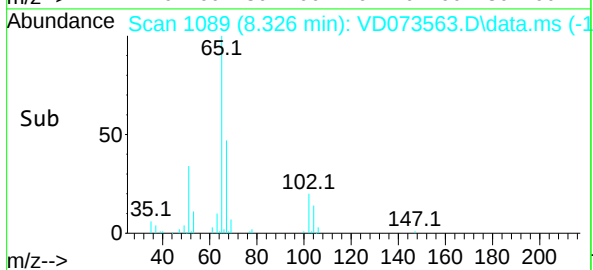
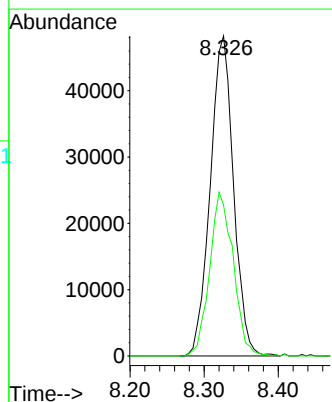
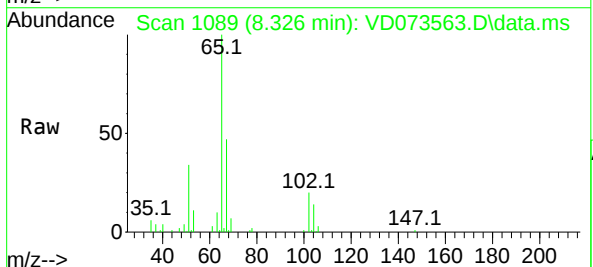
Instrument :
MSVOA_D
ClientSampleId :
OK-03-060922

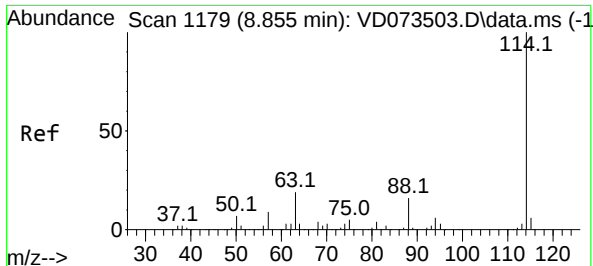
Tgt Ion:168 Resp: 204734
Ion Ratio Lower Upper
168 100
99 60.3 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 47.977 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073563.D
Acq: 14 Jun 2022 12:09

Tgt Ion: 65 Resp: 105408
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073563.D

Acq: 14 Jun 2022 12:09

Instrument :

MSVOA_D

ClientSampleId :

OK-03-060922

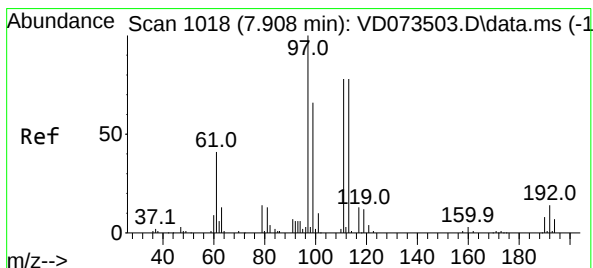
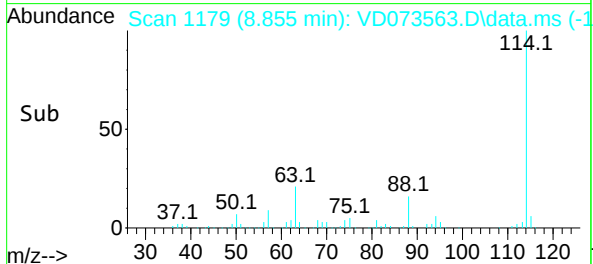
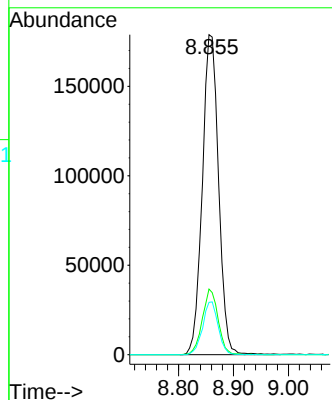
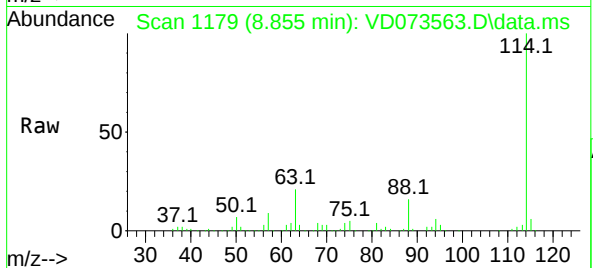
Tgt Ion:114 Resp: 367927

Ion Ratio Lower Upper

114 100

63 20.5 0.0 46.6

88 16.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 52.978 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073563.D

Acq: 14 Jun 2022 12:09

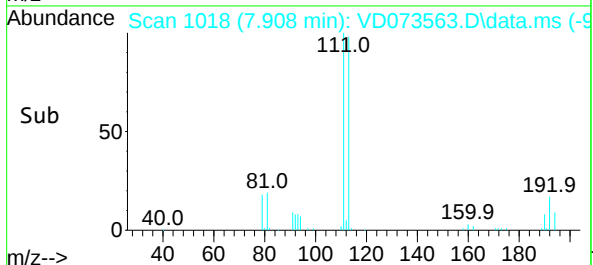
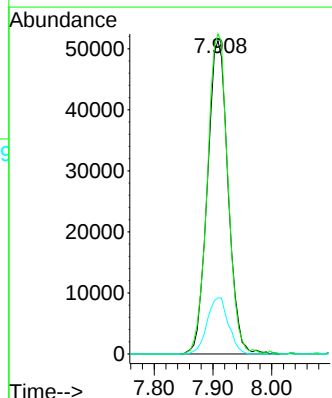
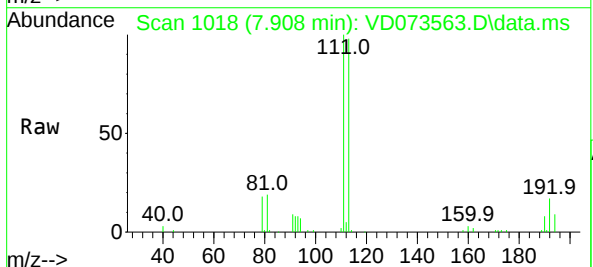
Tgt Ion:113 Resp: 125342

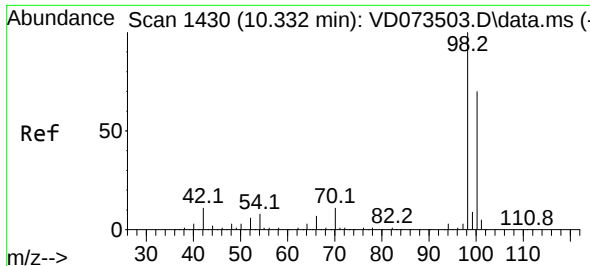
Ion Ratio Lower Upper

113 100

111 102.0 83.8 125.6

192 18.4 14.6 21.8

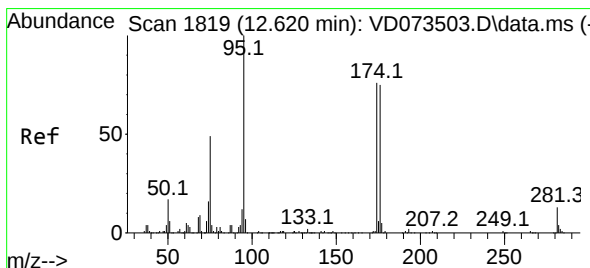
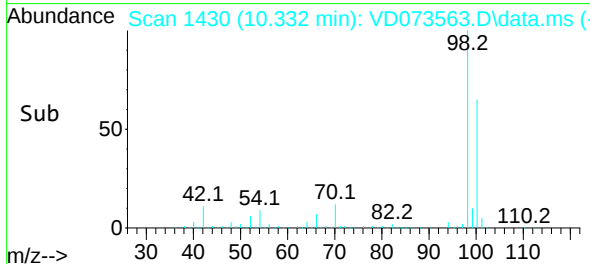
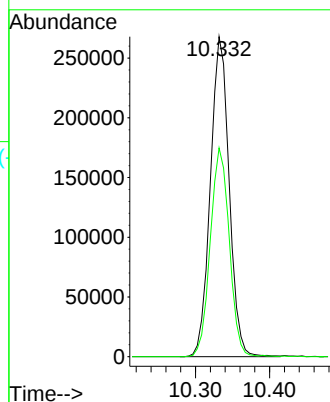
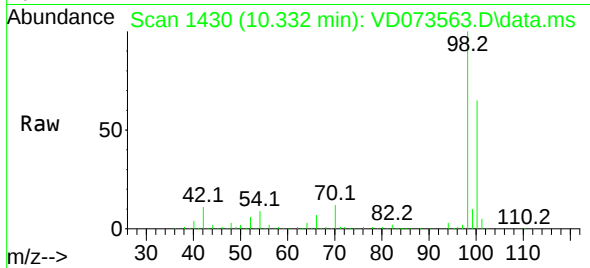




#50
Toluene-d8
Concen: 52.633 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073563.D
Acq: 14 Jun 2022 12:09

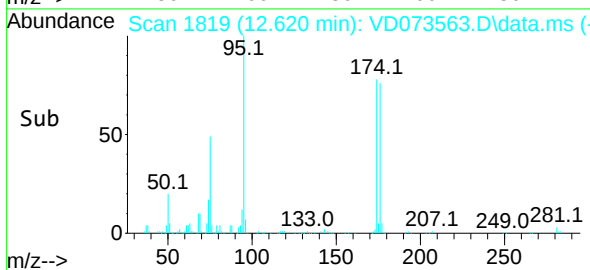
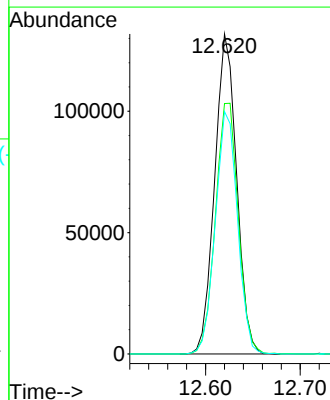
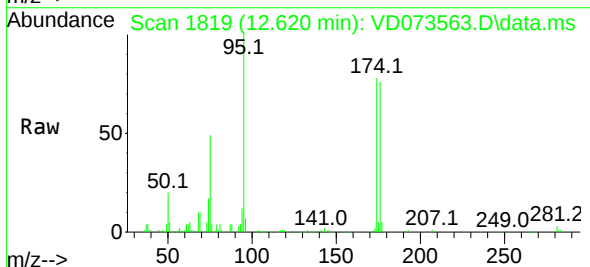
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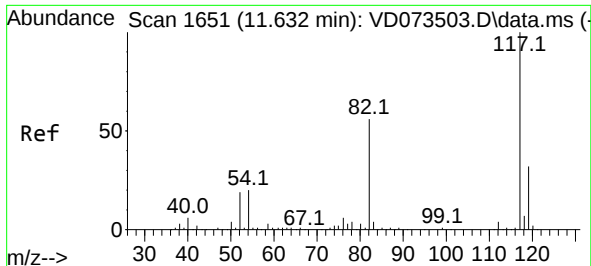
Tgt Ion: 98 Resp: 470811
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 65.259 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073563.D
Acq: 14 Jun 2022 12:09

Tgt Ion: 95 Resp: 211919
Ion Ratio Lower Upper
95 100
174 82.0 0.0 152.8
176 76.5 0.0 145.4

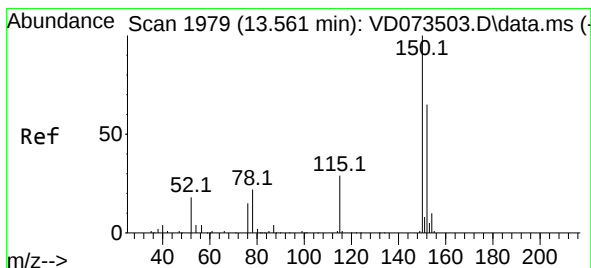
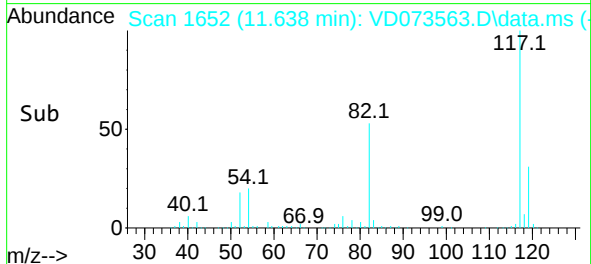
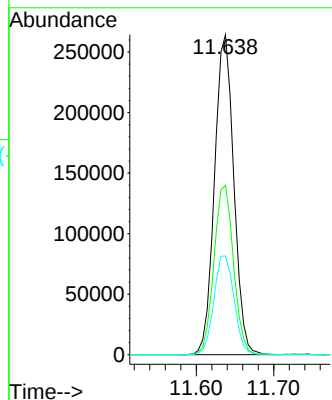
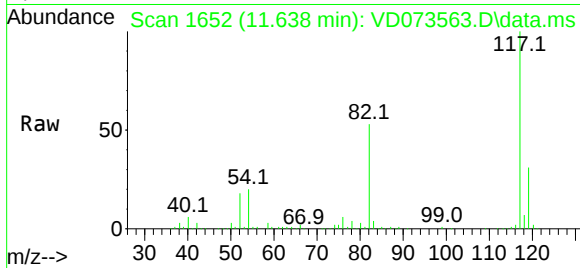




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD073563.D
Acq: 14 Jun 2022 12:09

Instrument :
MSVOA_D
ClientSampleId :
OK-03-060922

Tgt Ion:117 Resp: 457173
Ion Ratio Lower Upper
117 100
82 52.9 45.3 67.9
119 30.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073563.D
Acq: 14 Jun 2022 12:09

Tgt Ion:152 Resp: 228571
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 158.5 0.0 348.6

