

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071922\
 Data File : VD073861.D
 Acq On : 19 Jul 2022 15:10
 Operator : VA/SY
 Sample : N3688-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-12016

Quant Time: Jul 19 15:44:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 01:56:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	117285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	233286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	213521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	94116	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	64583	46.114	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.220%
35) Dibromofluoromethane	7.902	113	77783	47.262	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.520%
50) Toluene-d8	10.332	98	288268	48.249	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.500%
62) 4-Bromofluorobenzene	12.620	95	92294	44.930	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.860%

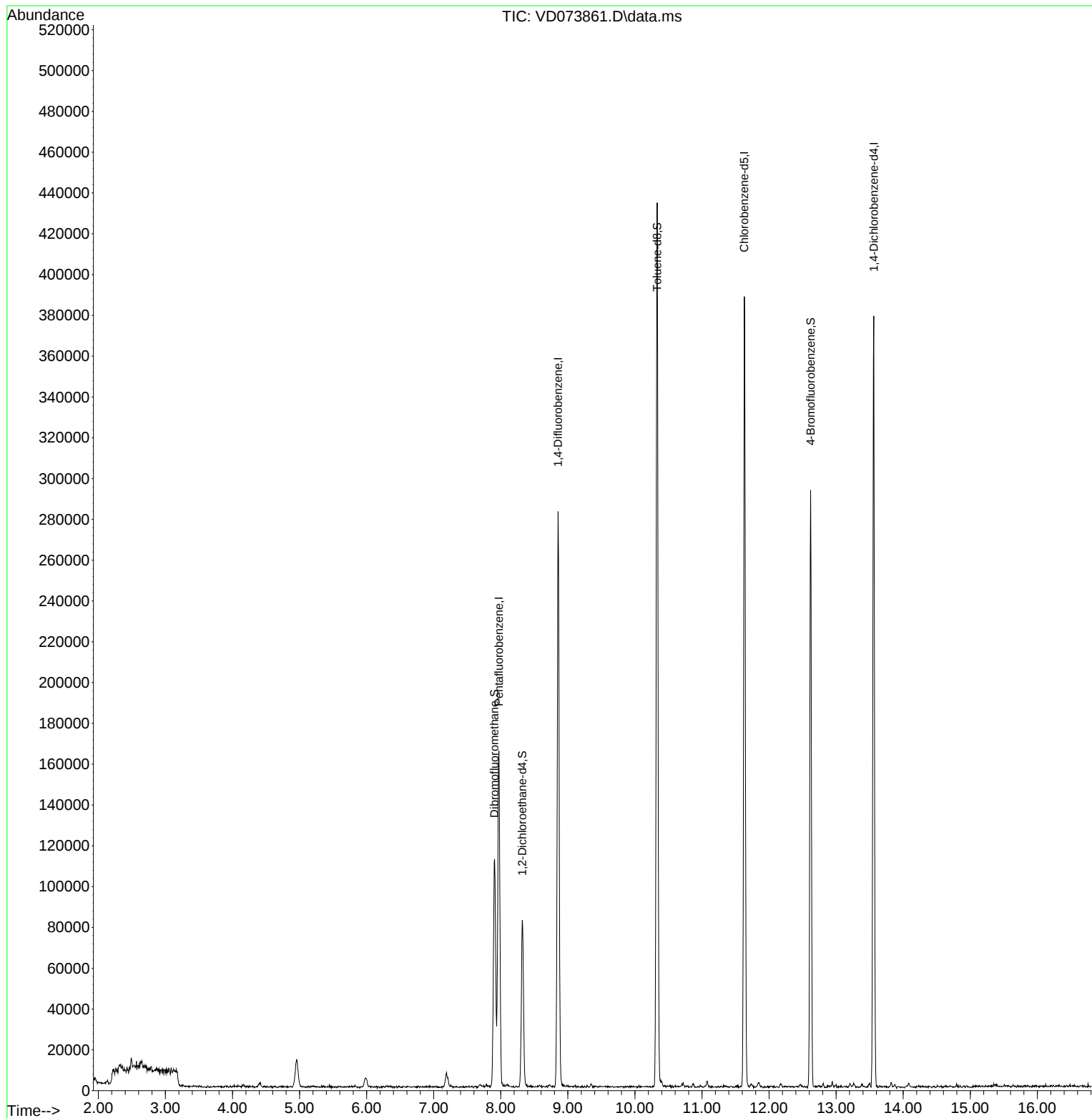
Target Compounds	Qvalue

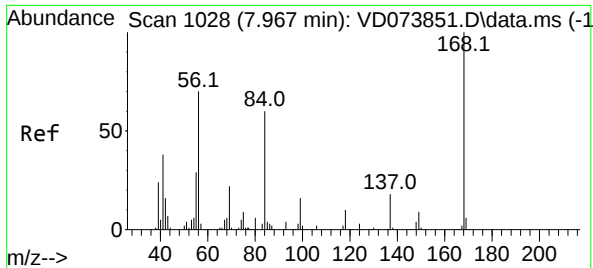
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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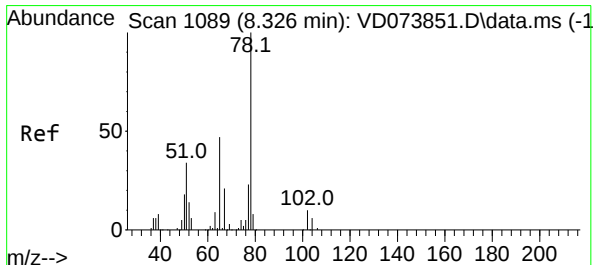
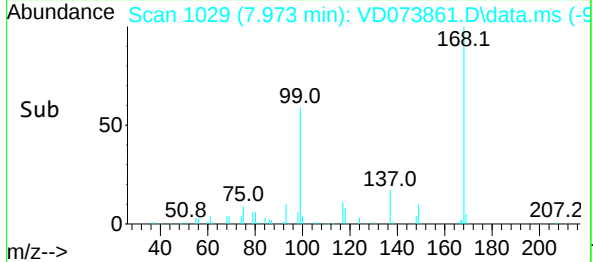
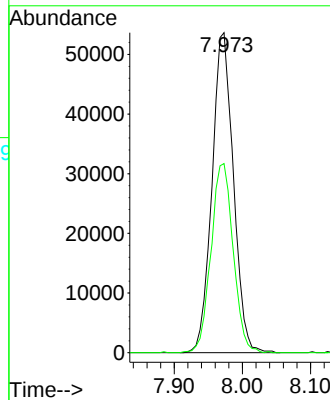
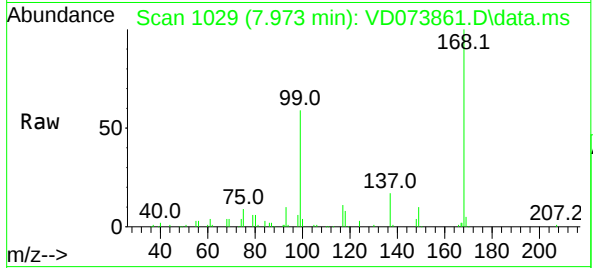




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD073861.D
Acq: 19 Jul 2022 15:10

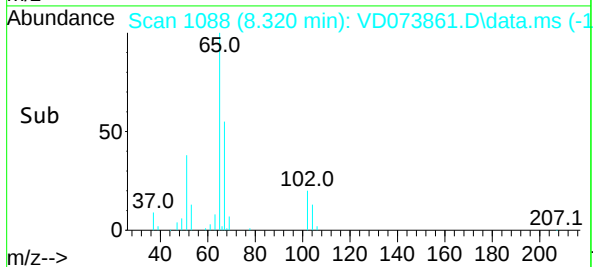
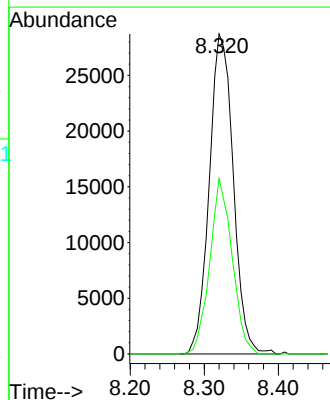
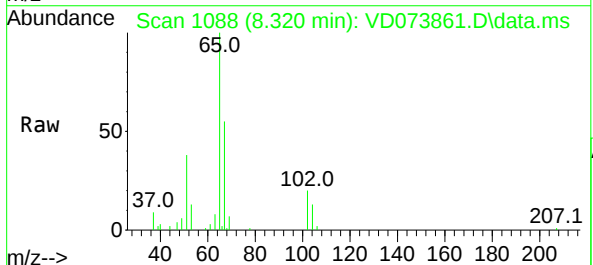
Instrument :
MSVOA_D
ClientSampleId :
72-12016

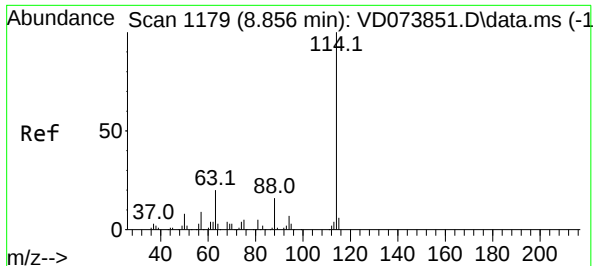
Tgt Ion:168 Resp: 117285
Ion Ratio Lower Upper
168 100
99 59.1 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 46.114 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073861.D
Acq: 19 Jul 2022 15:10

Tgt Ion: 65 Resp: 64583
Ion Ratio Lower Upper
65 100
67 51.1 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: VD073861.D

Acq: 19 Jul 2022 15:10

Instrument :

MSVOA_D

ClientSampleId :

72-12016

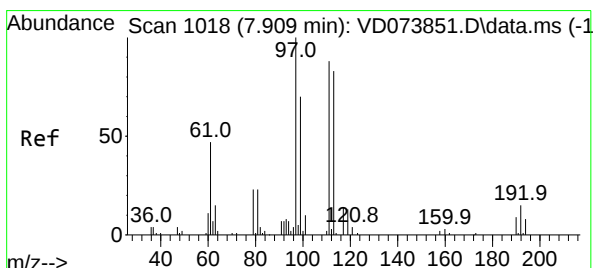
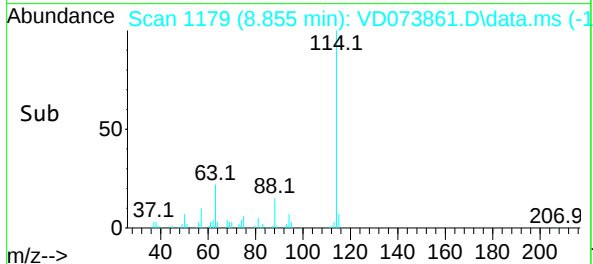
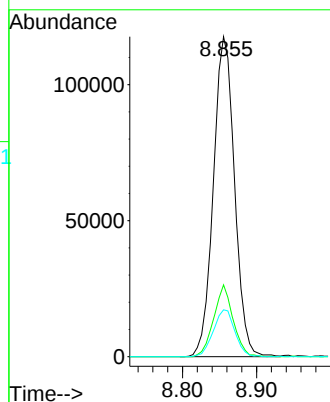
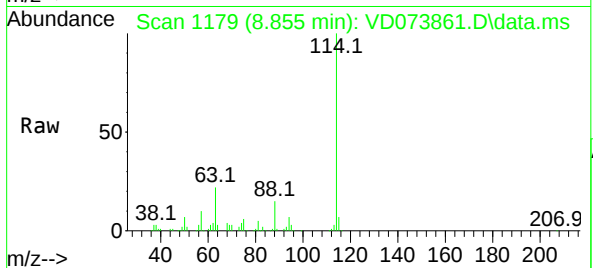
Tgt Ion:114 Resp: 233286

Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.6

88 14.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.262 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073861.D

Acq: 19 Jul 2022 15:10

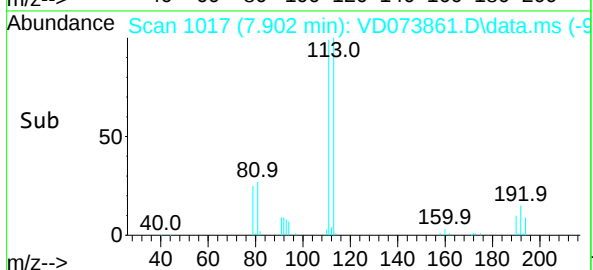
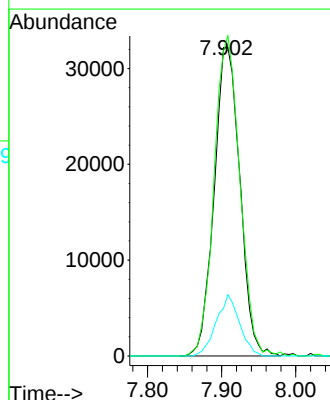
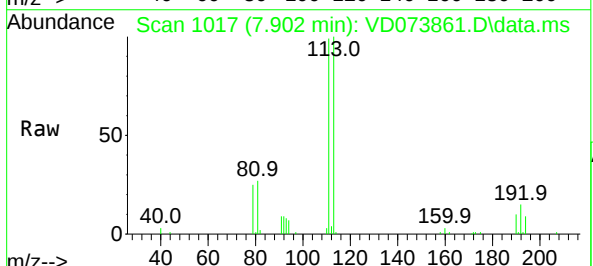
Tgt Ion:113 Resp: 77783

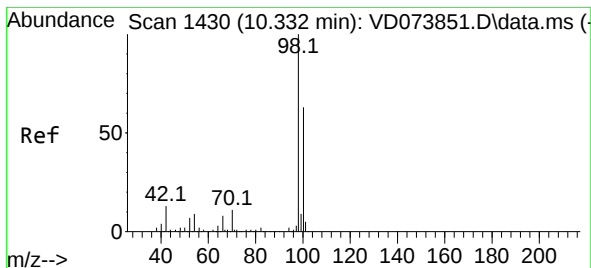
Ion Ratio Lower Upper

113 100

111 103.8 83.8 125.6

192 17.9 14.6 21.8





#50

Toluene-d8

Concen: 48.249 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073861.D

Acq: 19 Jul 2022 15:10

Instrument :

MSVOA_D

ClientSampleId :

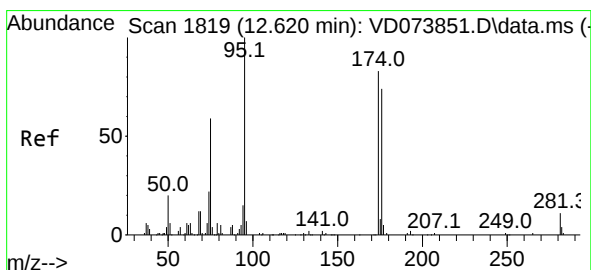
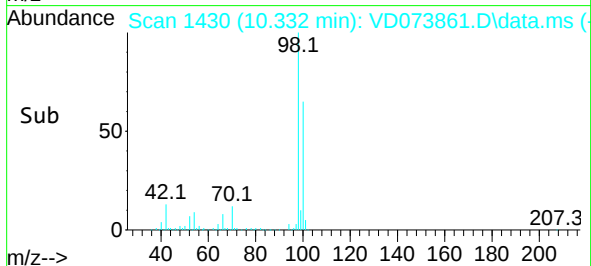
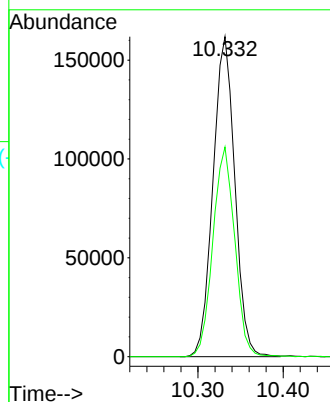
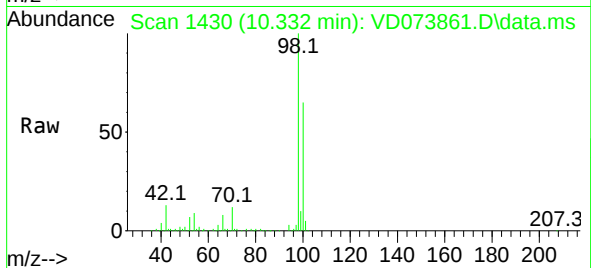
72-12016

Tgt Ion: 98 Resp: 288268

Ion Ratio Lower Upper

98 100

100 65.7 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 44.930 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.000 min

Lab File: VD073861.D

Acq: 19 Jul 2022 15:10

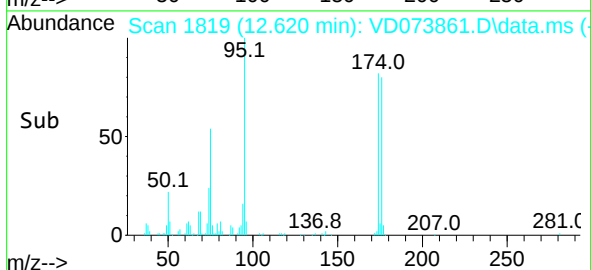
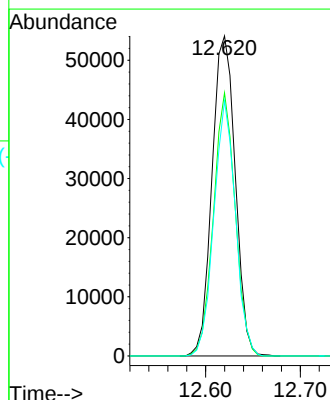
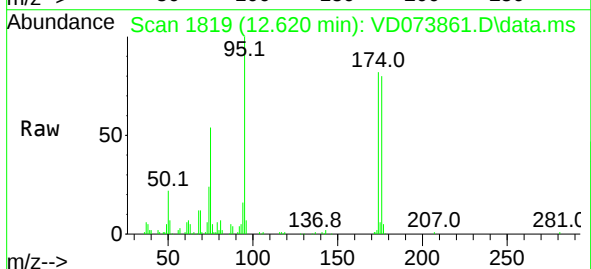
Tgt Ion: 95 Resp: 92294

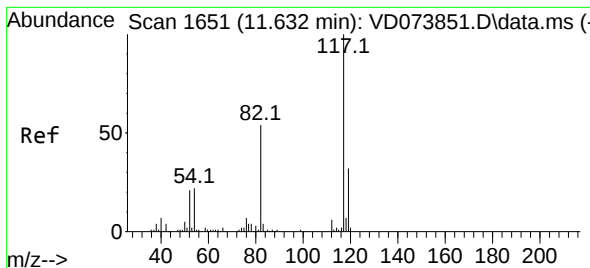
Ion Ratio Lower Upper

95 100

174 77.0 0.0 152.8

176 73.8 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073861.D

Acq: 19 Jul 2022 15:10

Instrument :

MSVOA_D

ClientSampleId :

72-12016

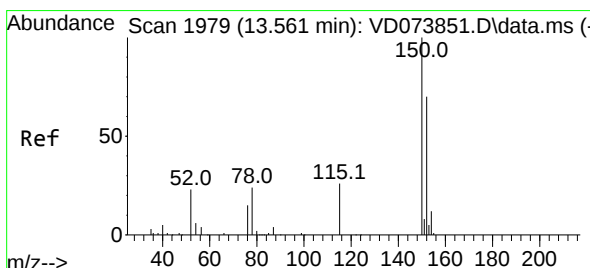
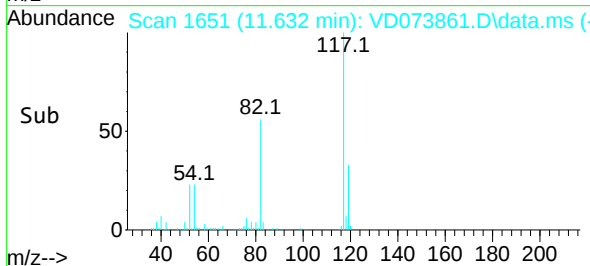
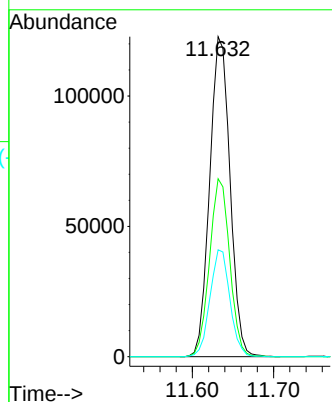
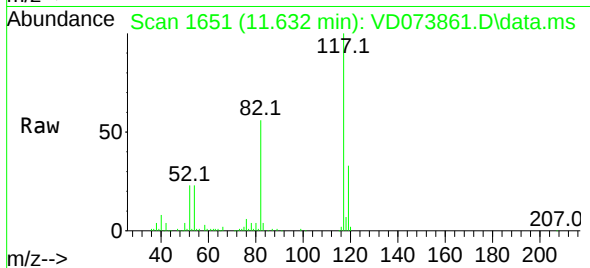
Tgt Ion:117 Resp: 213521

Ion Ratio Lower Upper

117 100

82 55.6 45.3 67.9

119 33.4 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: VD073861.D

Acq: 19 Jul 2022 15:10

Tgt Ion:152 Resp: 94116

Ion Ratio Lower Upper

152 100

115 60.3 31.3 93.8

150 156.4 0.0 348.6

