

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072022\
 Data File : VD073877.D
 Acq On : 20 Jul 2022 13:28
 Operator : VA/SY
 Sample : N3693-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-230

Quant Time: Jul 20 16:29:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 20 15:29:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	128368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	256205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	249741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	113876	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	83654	54.574	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.140%
35) Dibromofluoromethane	7.903	113	89845	49.707	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.420%
50) Toluene-d8	10.326	98	322646	49.172	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.340%
62) 4-Bromofluorobenzene	12.620	95	110377	48.926	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.860%

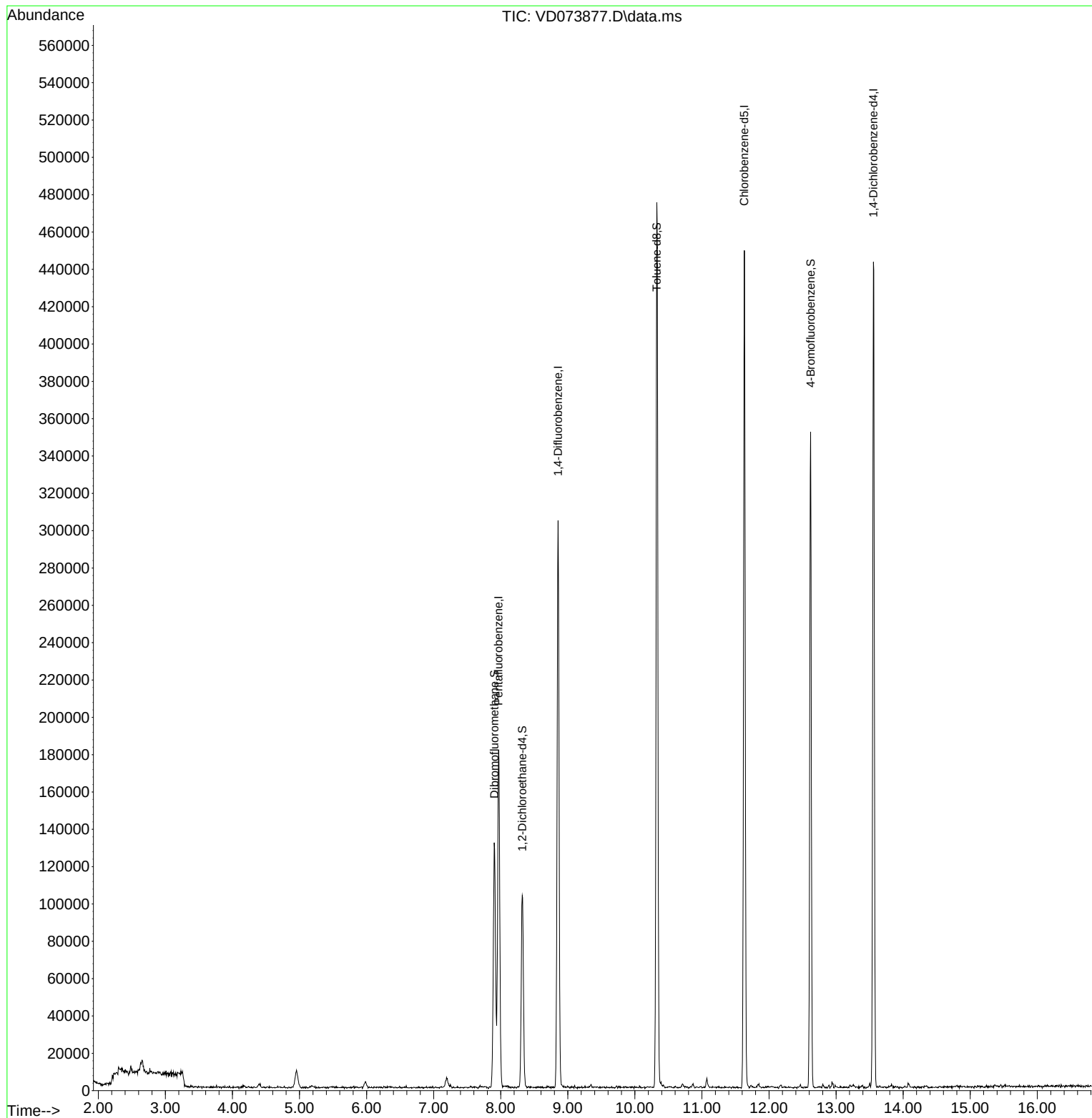
Target Compounds	Qvalue

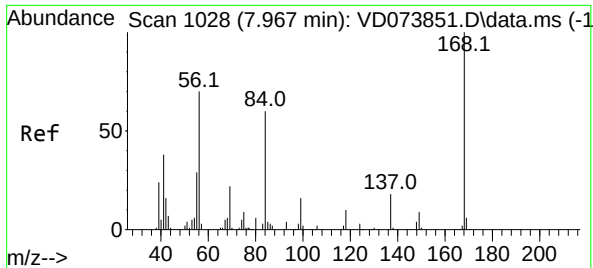
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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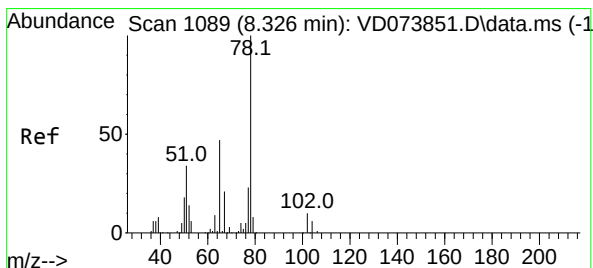
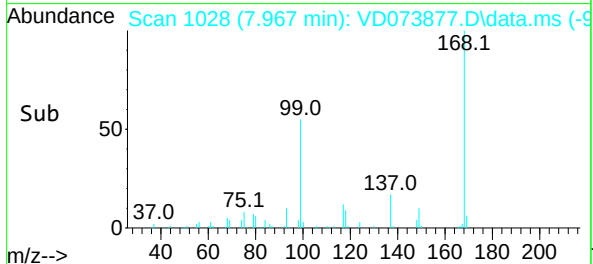
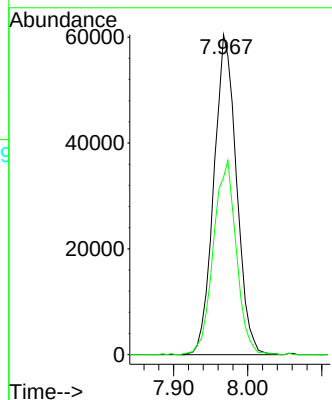
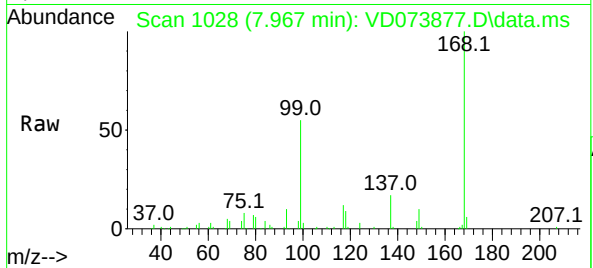




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073877.D
Acq: 20 Jul 2022 13:28

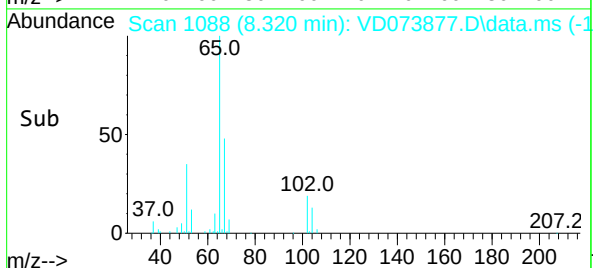
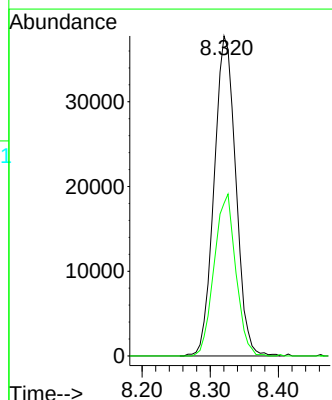
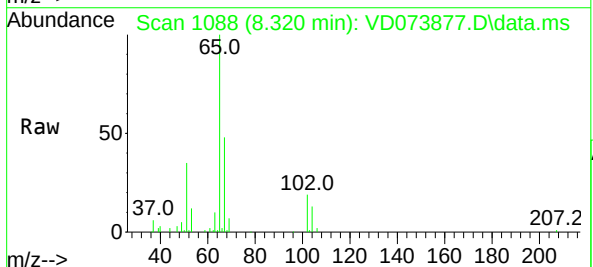
Instrument :
MSVOA_D
ClientSampleId :
VNJ-230

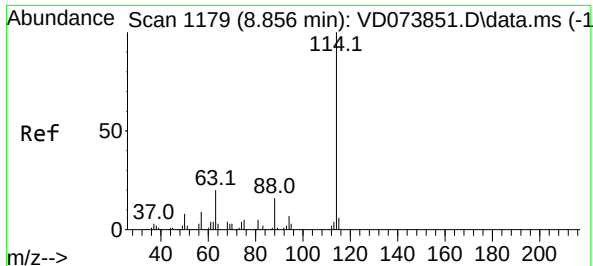
Tgt Ion:168 Resp: 128368
Ion Ratio Lower Upper
168 100
99 55.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 54.574 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073877.D
Acq: 20 Jul 2022 13:28

Tgt Ion: 65 Resp: 83654
Ion Ratio Lower Upper
65 100
67 50.4 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: VD073877.D

Acq: 20 Jul 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

VNJ-230

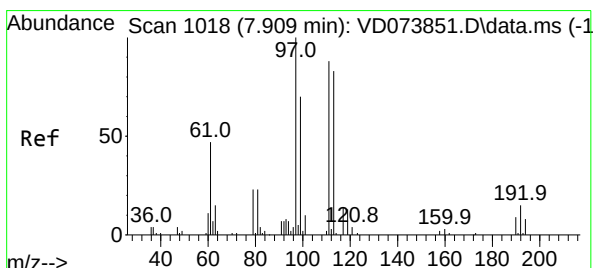
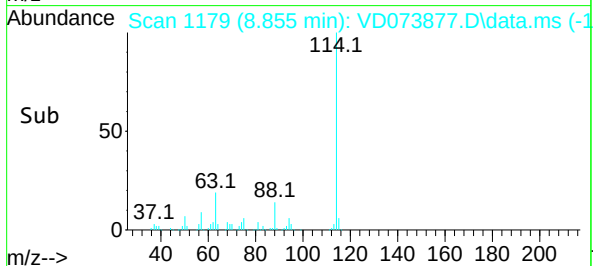
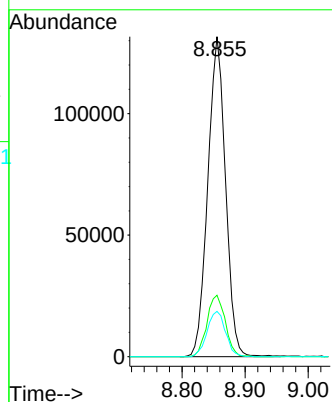
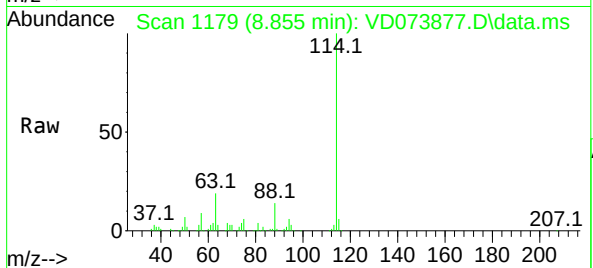
Tgt Ion:114 Resp: 256205

Ion Ratio Lower Upper

114 100

63 19.2 0.0 46.6

88 14.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.707 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073877.D

Acq: 20 Jul 2022 13:28

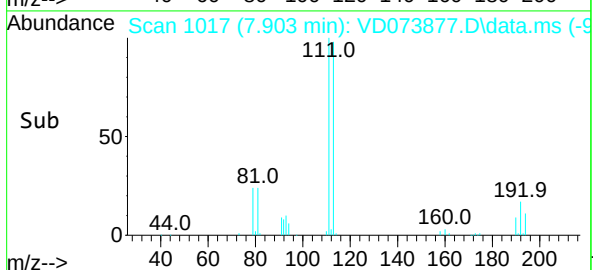
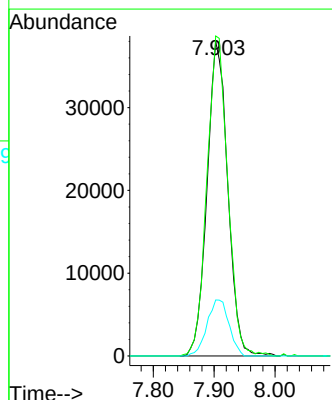
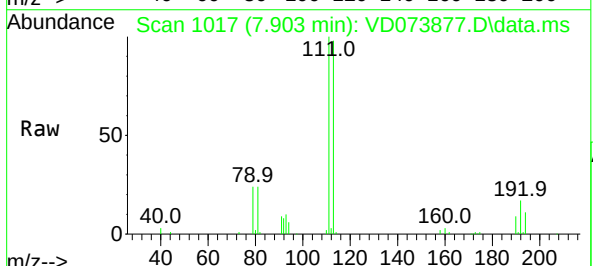
Tgt Ion:113 Resp: 89845

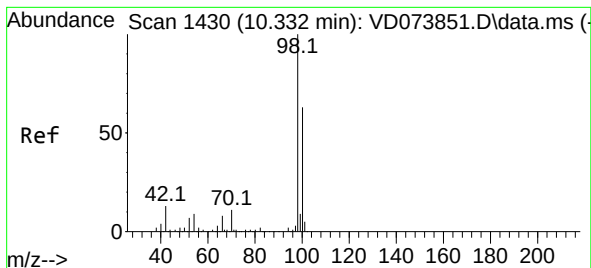
Ion Ratio Lower Upper

113 100

111 102.4 83.8 125.6

192 18.8 14.6 21.8





#50

Toluene-d8

Concen: 49.172 ug/l

RT: 10.326 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD073877.D

Acq: 20 Jul 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

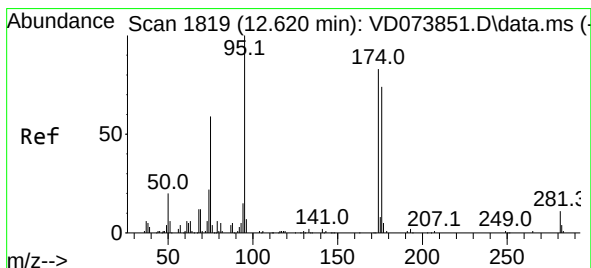
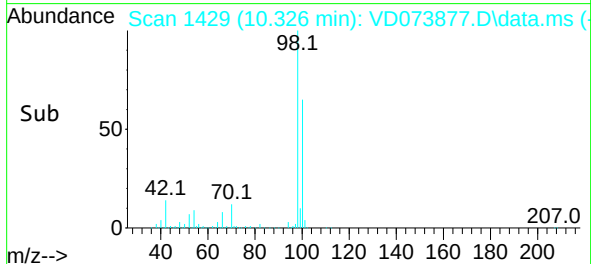
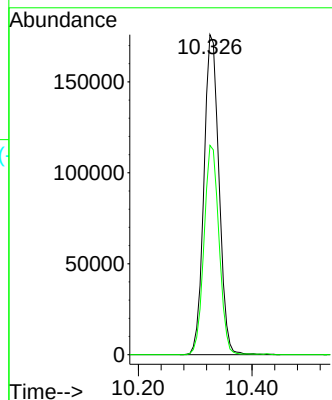
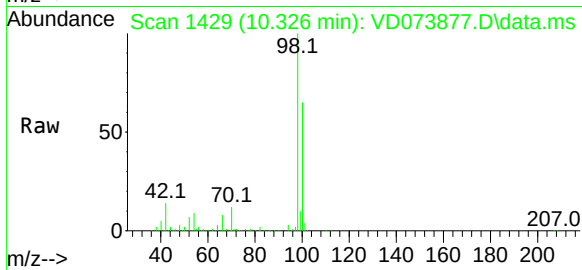
VNJ-230

Tgt Ion: 98 Resp: 322646

Ion Ratio Lower Upper

98 100

100 65.2 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 48.926 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.000 min

Lab File: VD073877.D

Acq: 20 Jul 2022 13:28

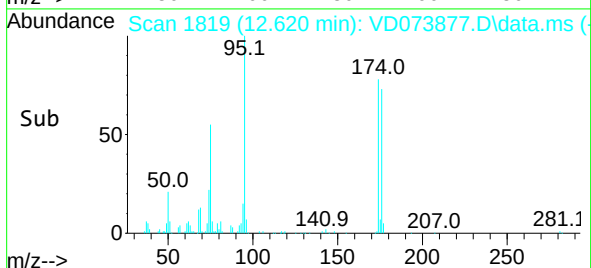
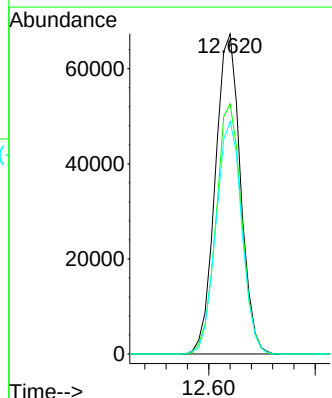
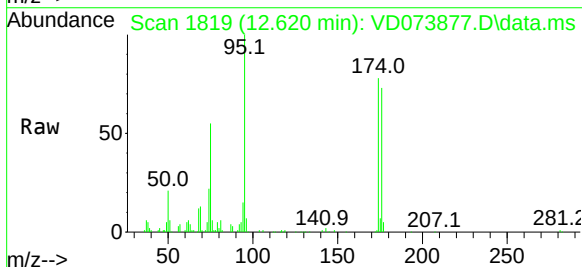
Tgt Ion: 95 Resp: 110377

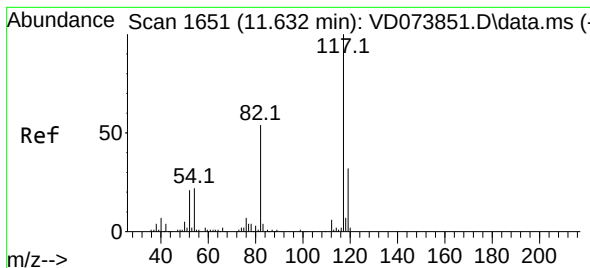
Ion Ratio Lower Upper

95 100

174 79.1 0.0 152.8

176 74.5 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: VD073877.D

Acq: 20 Jul 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

VNJ-230

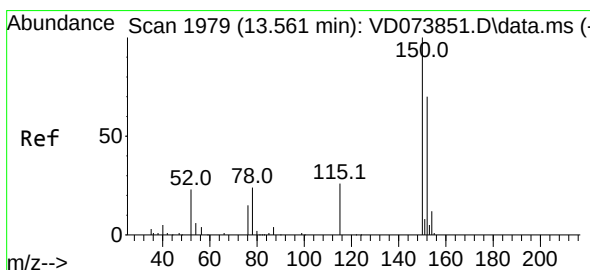
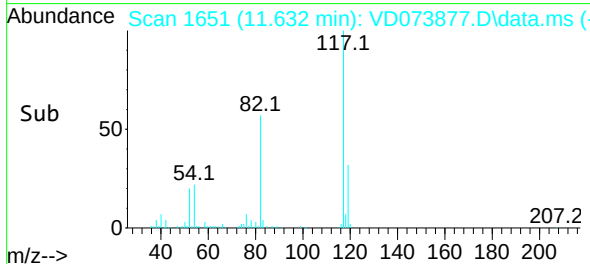
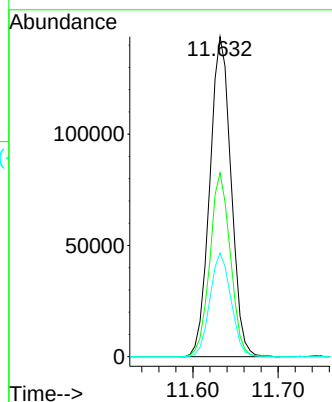
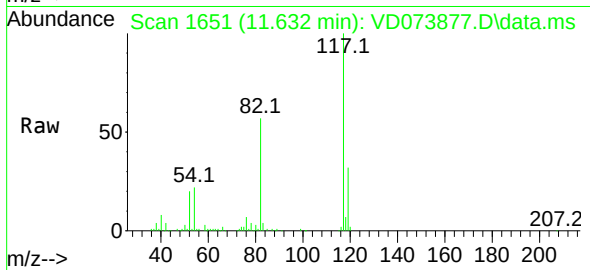
Tgt Ion:117 Resp: 249741

Ion Ratio Lower Upper

117 100

82 57.5 45.3 67.9

119 32.4 26.6 40.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.555 min Scan# 1978

Delta R.T. -0.006 min

Lab File: VD073877.D

Acq: 20 Jul 2022 13:28

Tgt Ion:152 Resp: 113876

Ion Ratio Lower Upper

152 100

115 62.3 31.3 93.8

150 156.9 0.0 348.6

