

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100322\
 Data File : VY010772.D
 Acq On : 03 Oct 2022 17:35
 Operator : KP/MD
 Sample : N4907-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-222

Quant Time: Oct 04 07:33:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	187185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	311856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	275148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124281	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	101643	53.571	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.140%
35) Dibromofluoromethane	7.716	113	93734	45.279	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.560%
50) Toluene-d8	10.179	98	344860	48.712	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.420%
62) 4-Bromofluorobenzene	12.477	95	112700	40.011	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.020%

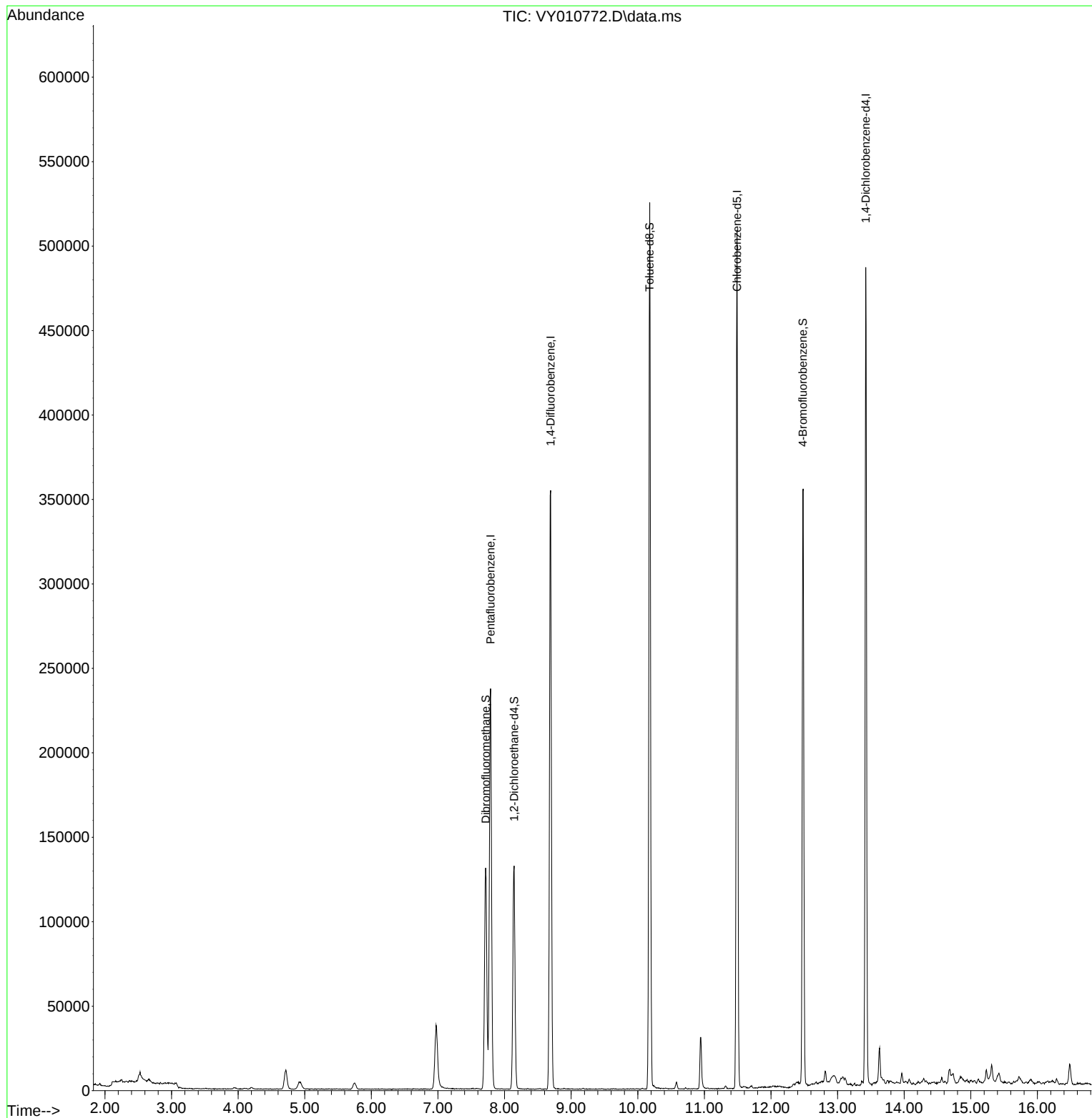
Target Compounds	Qvalue

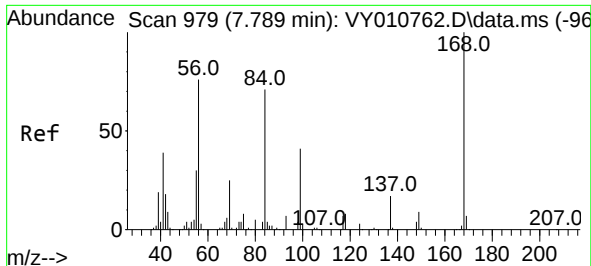
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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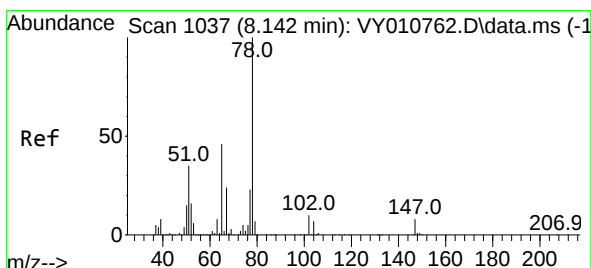
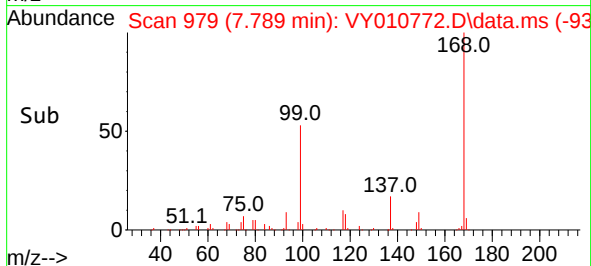
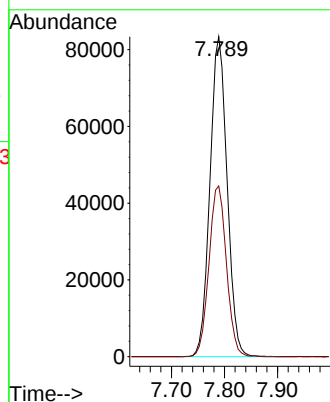
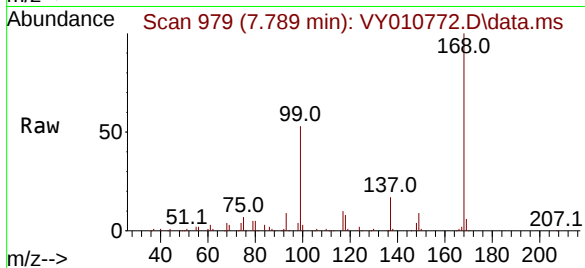




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010772.D
Acq: 03 Oct 2022 17:35

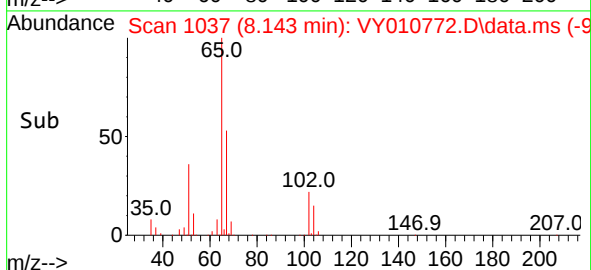
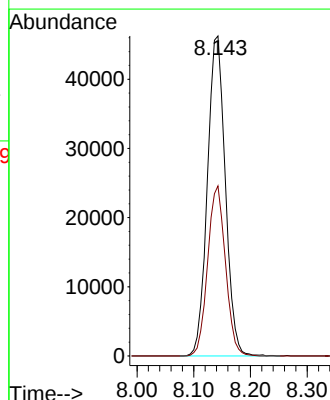
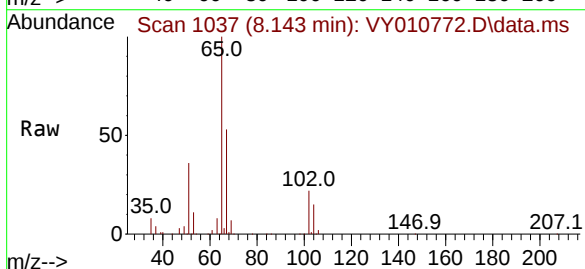
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-222

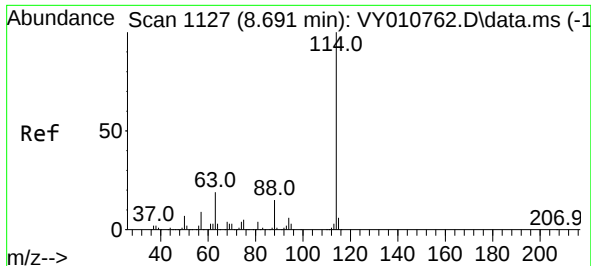
Tgt Ion:168 Resp: 187185
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.571 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY010772.D
Acq: 03 Oct 2022 17:35

Tgt Ion: 65 Resp: 101643
Ion Ratio Lower Upper
65 100
67 52.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY010772.D

Acq: 03 Oct 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-222

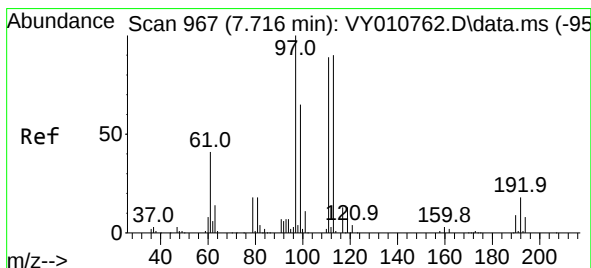
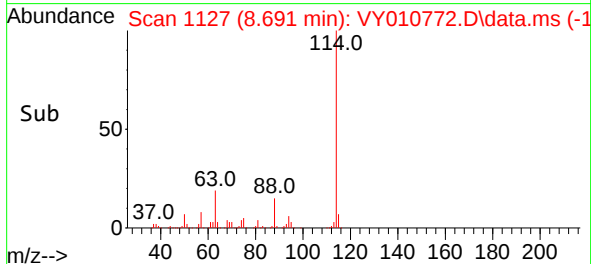
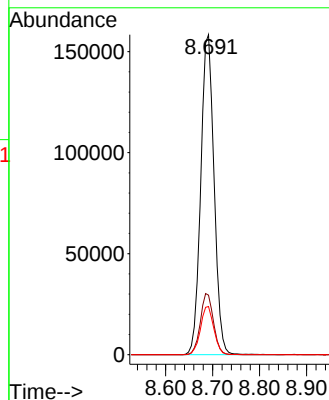
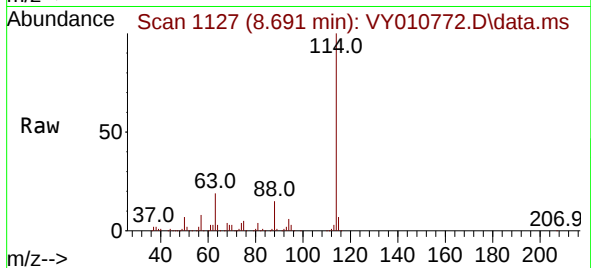
Tgt Ion:114 Resp: 311856

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.279 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010772.D

Acq: 03 Oct 2022 17:35

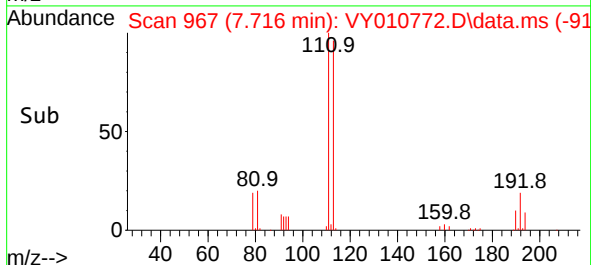
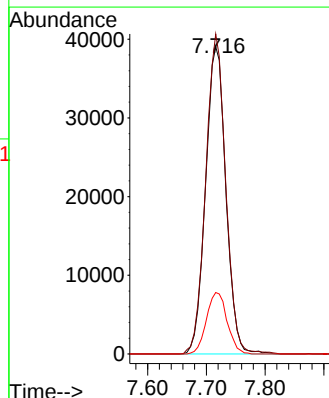
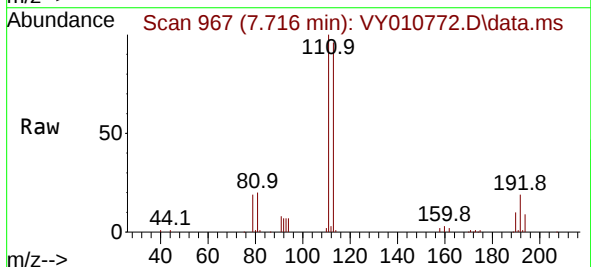
Tgt Ion:113 Resp: 93734

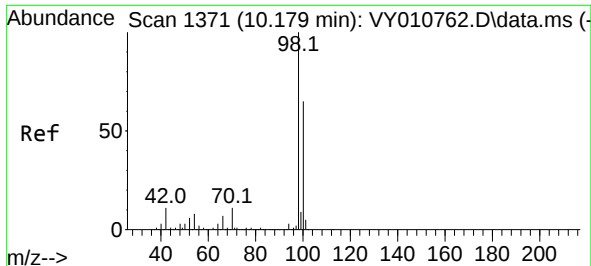
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 20.3 17.6 26.4

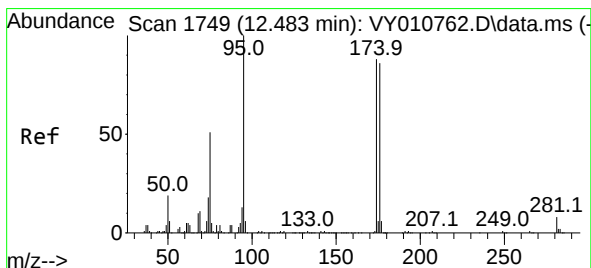
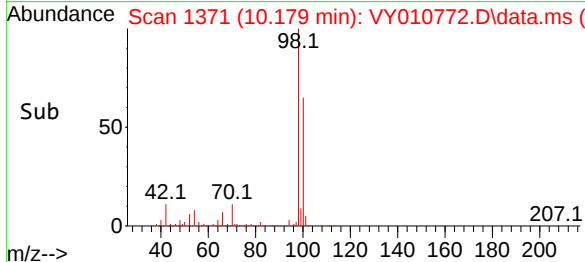
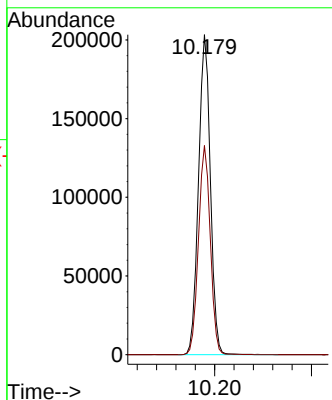
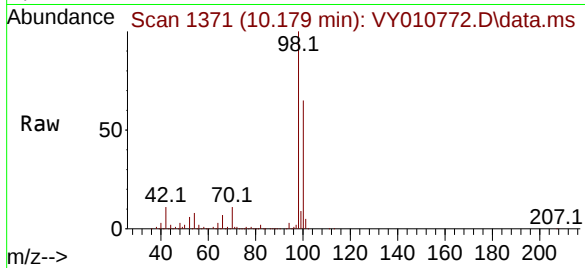




#50
Toluene-d8
Concen: 48.712 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010772.D
Acq: 03 Oct 2022 17:35

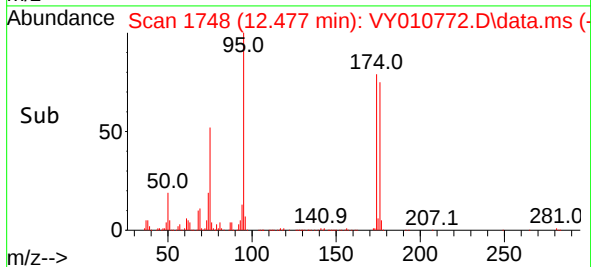
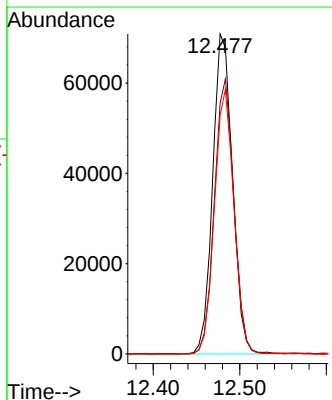
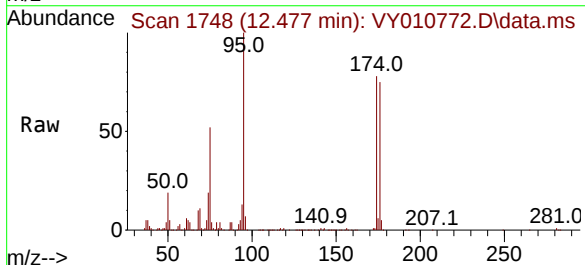
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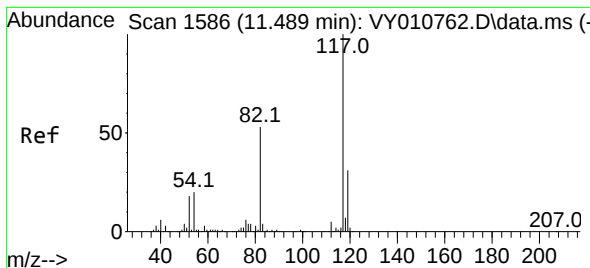
Tgt Ion: 98 Resp: 344860
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.011 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010772.D
Acq: 03 Oct 2022 17:35

Tgt Ion: 95 Resp: 112700
Ion Ratio Lower Upper
95 100
174 85.2 0.0 177.0
176 81.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY010772.D

Acq: 03 Oct 2022 17:35

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-222

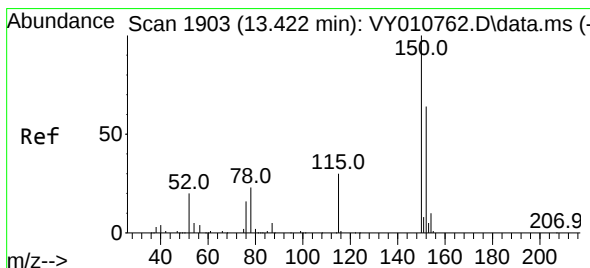
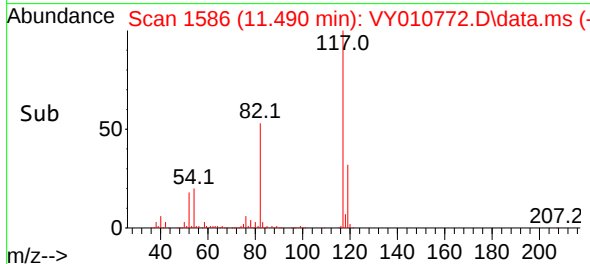
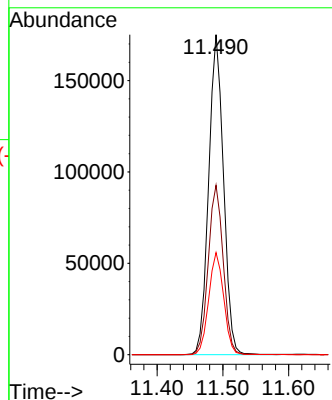
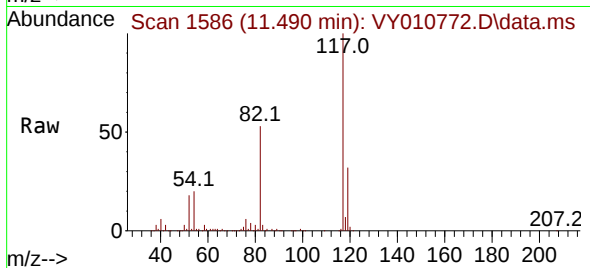
Tgt Ion:117 Resp: 275148

Ion Ratio Lower Upper

117 100

82 53.0 43.0 64.4

119 31.9 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010772.D

Acq: 03 Oct 2022 17:35

Tgt Ion:152 Resp: 124281

Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 157.7 0.0 347.6

