

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100322\
 Data File : VY010773.D
 Acq On : 03 Oct 2022 17:58
 Operator : KP/MD
 Sample : N4907-05
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-232

Quant Time: Oct 04 07:34:02 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	216773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	365160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	312933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	136246	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	117023	53.258	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.520%
35) Dibromofluoromethane	7.716	113	113361	46.767	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.540%
50) Toluene-d8	10.179	98	406335	49.017	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.040%
62) 4-Bromofluorobenzene	12.483	95	127017	38.363	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.720%

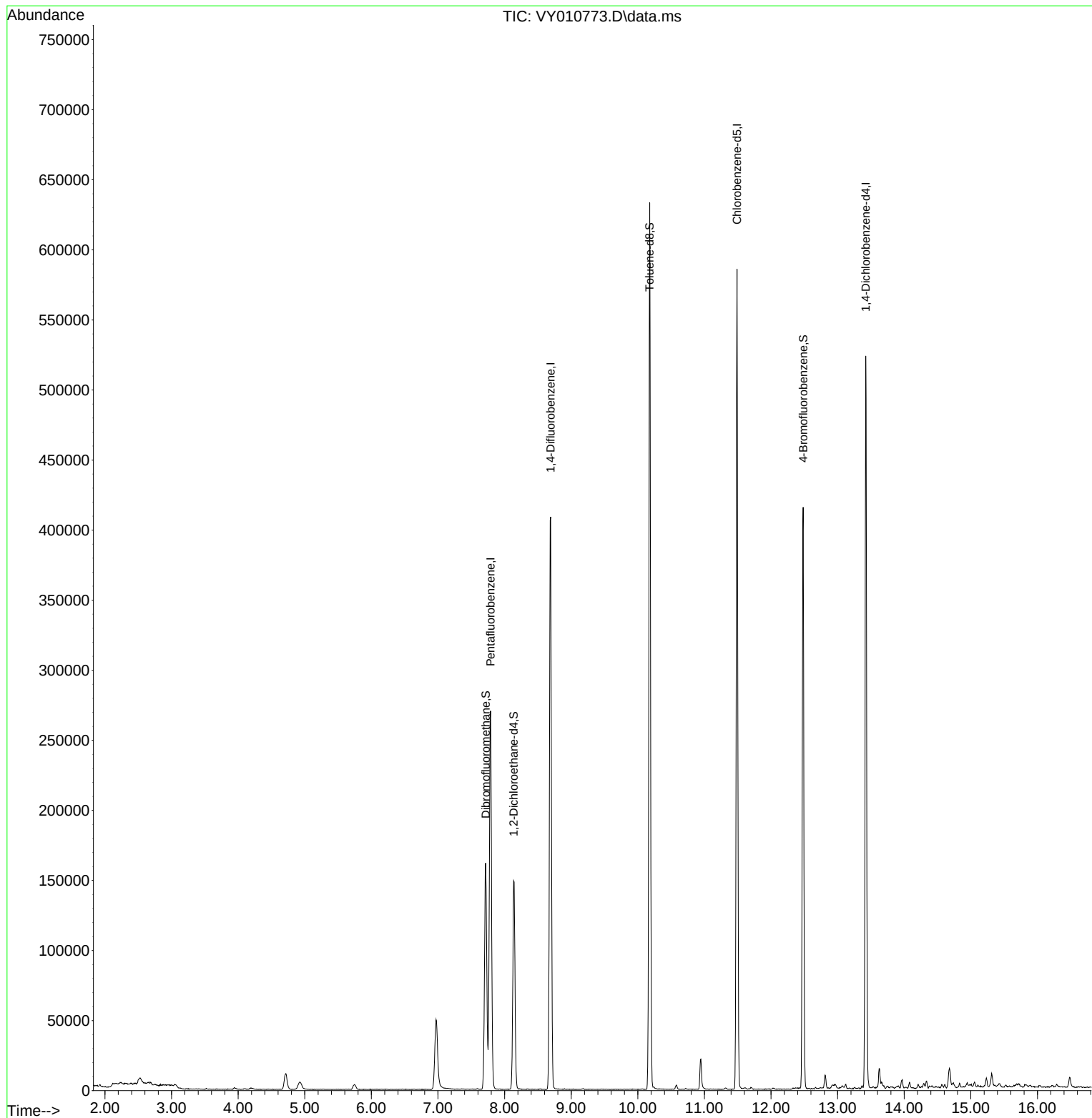
Target Compounds	Qvalue

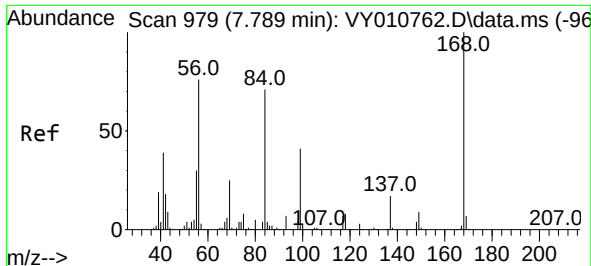
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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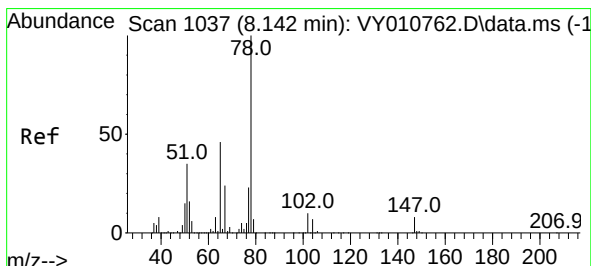
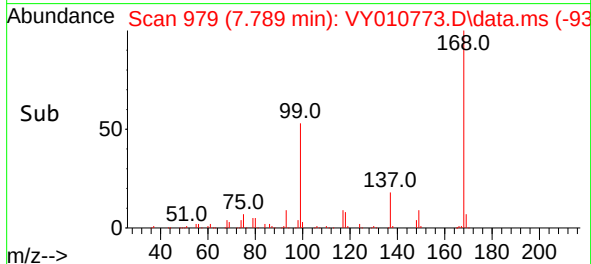
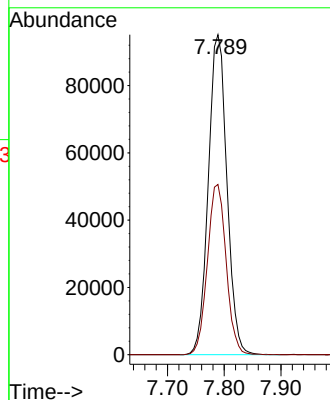
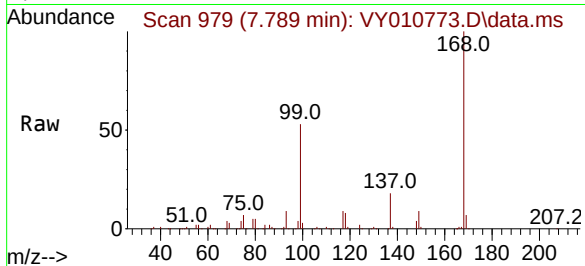




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010773.D
Acq: 03 Oct 2022 17:58

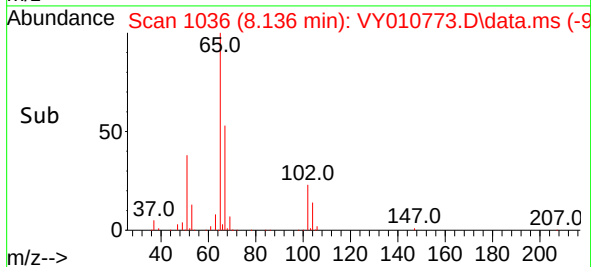
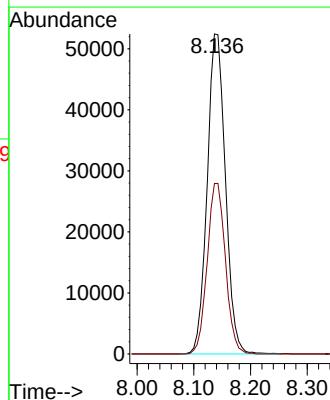
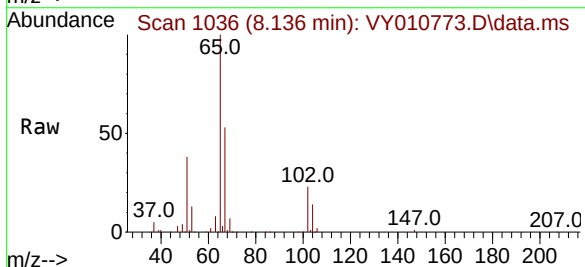
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-232

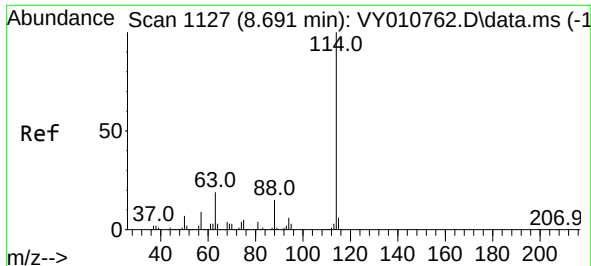
Tgt Ion:168 Resp: 216773
Ion Ratio Lower Upper
168 100
99 53.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.258 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010773.D
Acq: 03 Oct 2022 17:58

Tgt Ion: 65 Resp: 117023
Ion Ratio Lower Upper
65 100
67 53.3 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: VY010773.D

Acq: 03 Oct 2022 17:58

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-232

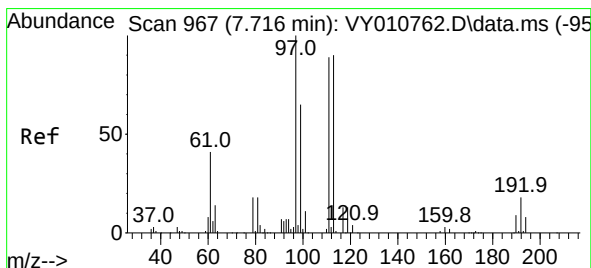
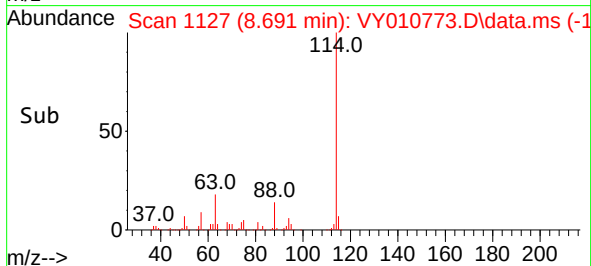
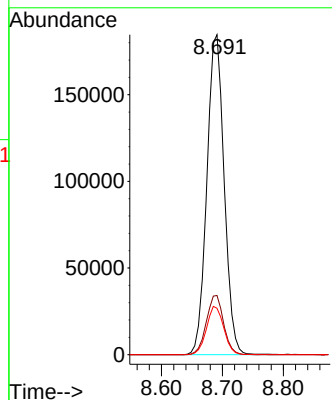
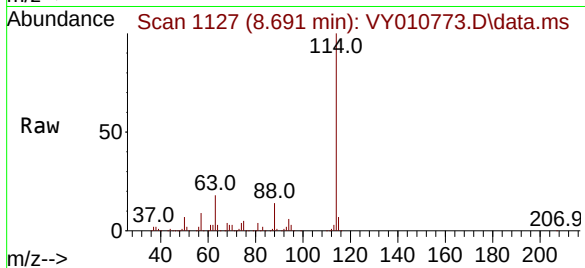
Tgt Ion:114 Resp: 365160

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.767 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010773.D

Acq: 03 Oct 2022 17:58

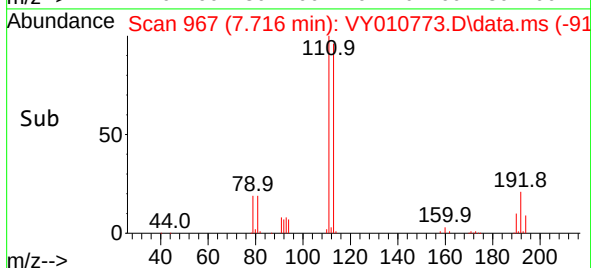
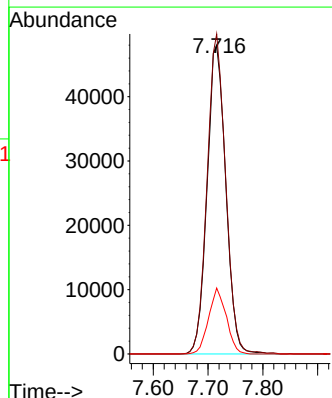
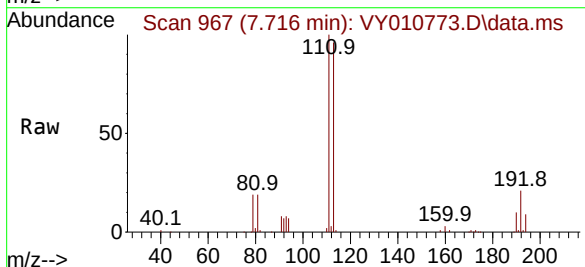
Tgt Ion:113 Resp: 113361

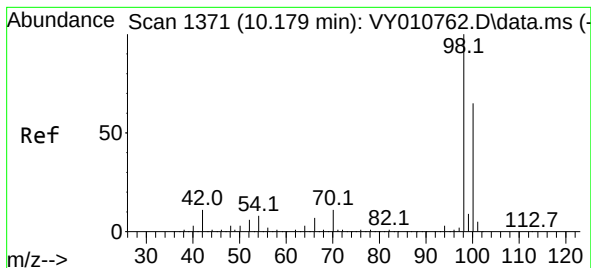
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 20.2 17.6 26.4





#50

Toluene-d8

Concen: 49.017 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY010773.D

Acq: 03 Oct 2022 17:58

Instrument :

MSVOA_Y

ClientSampleId :

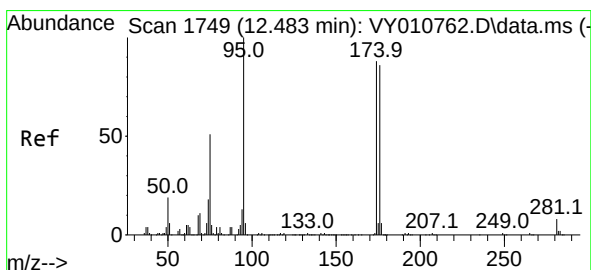
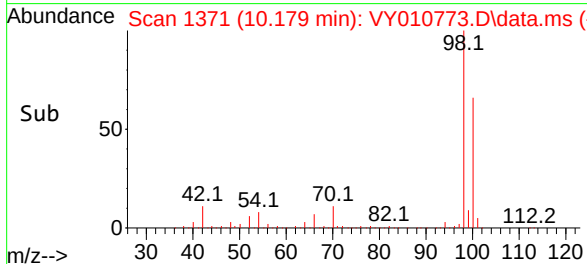
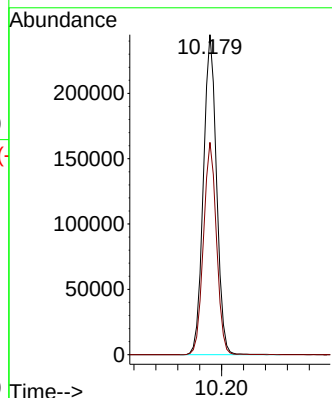
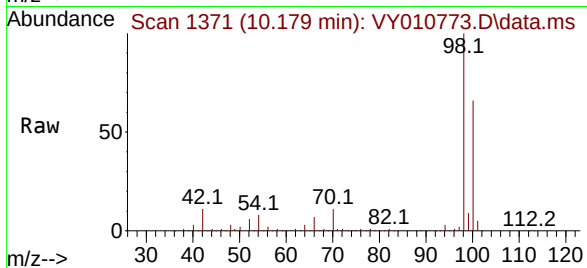
VNJ-232

Tgt Ion: 98 Resp: 406335

Ion Ratio Lower Upper

98 100

100 65.7 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 38.363 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY010773.D

Acq: 03 Oct 2022 17:58

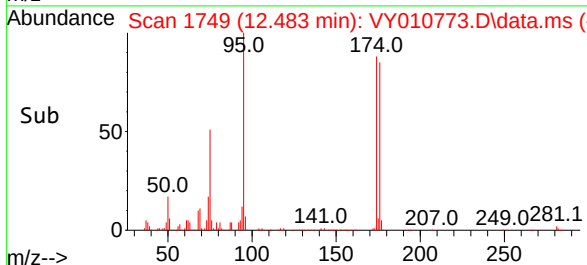
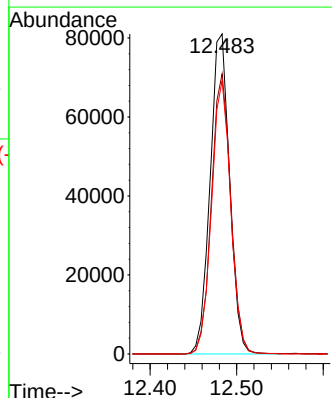
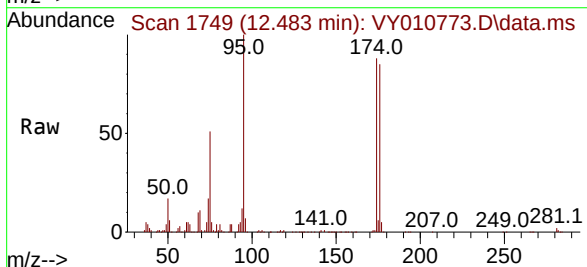
Tgt Ion: 95 Resp: 127017

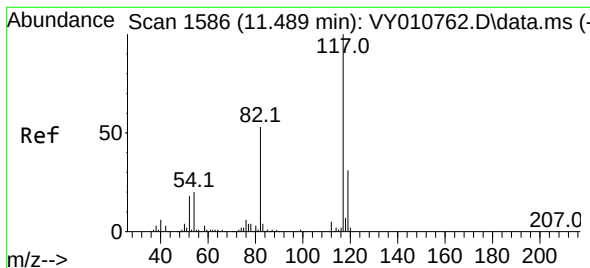
Ion Ratio Lower Upper

95 100

174 86.8 0.0 177.0

176 83.7 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010773.D

Acq: 03 Oct 2022 17:58

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-232

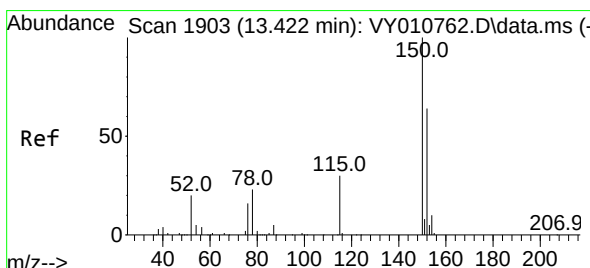
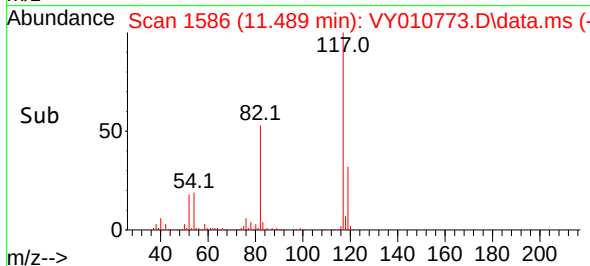
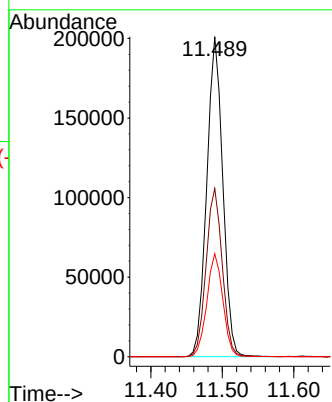
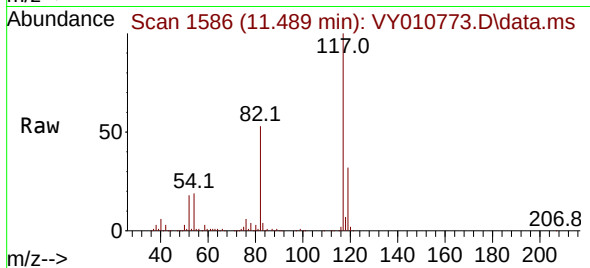
Tgt Ion:117 Resp: 312933

Ion Ratio Lower Upper

117 100

82 52.6 43.0 64.4

119 32.2 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: VY010773.D

Acq: 03 Oct 2022 17:58

Tgt Ion:152 Resp: 136246

Ion Ratio Lower Upper

152 100

115 56.8 28.2 84.7

150 155.8 0.0 347.6

