

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051023\
 Data File : VY013682.D
 Acq On : 10 May 2023 12:59
 Operator : KP/MD
 Sample : 02681-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-207RE

Quant Time: May 11 03:25:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	87547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	136059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	125454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	50956	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	54819	57.120	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.240%
35) Dibromofluoromethane	7.716	113	46545	54.391	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.780%
50) Toluene-d8	10.179	98	163173	53.600	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.200%
62) 4-Bromofluorobenzene	12.483	95	47503	46.286	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.580%

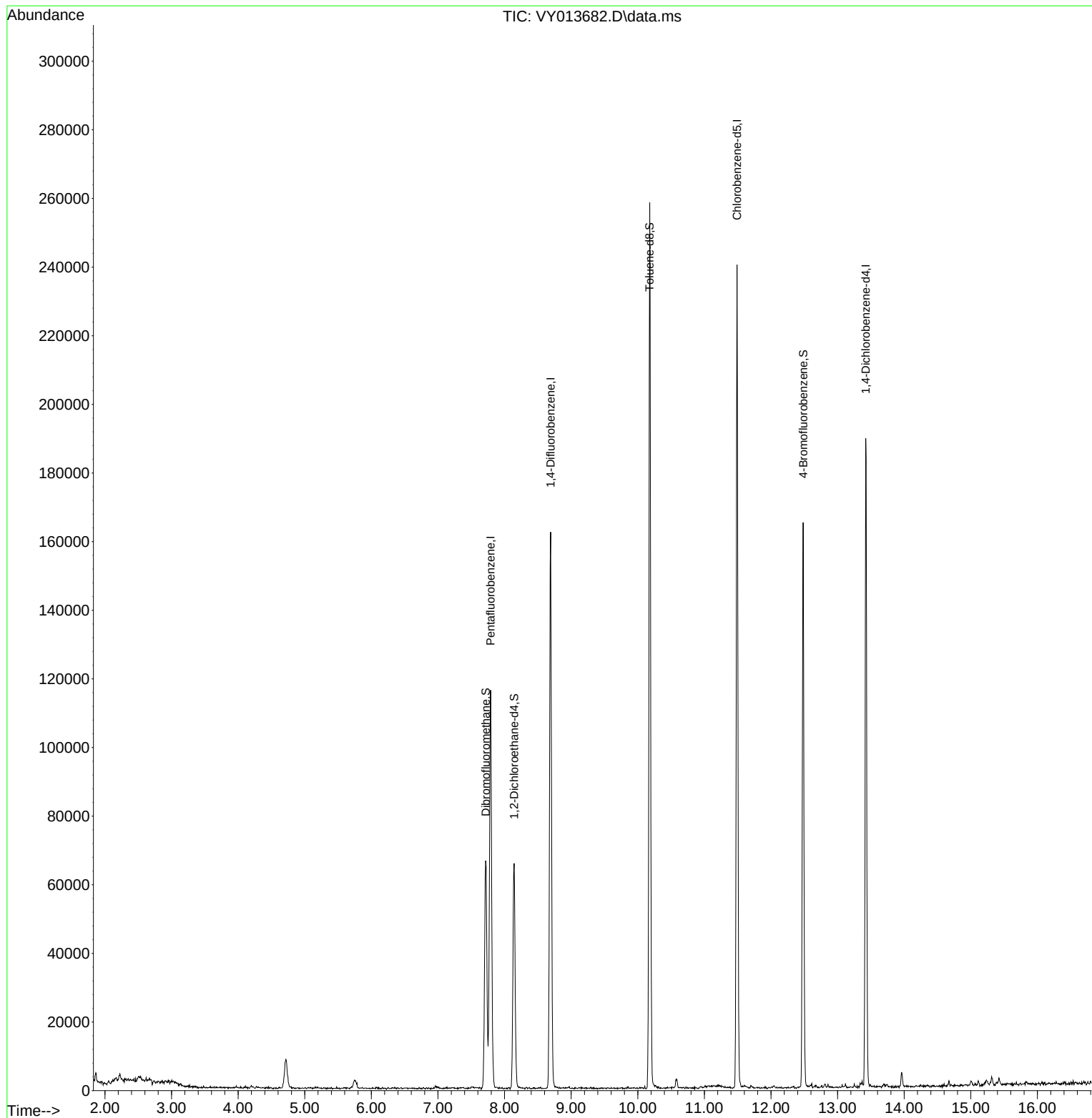
Target Compounds	Qvalue

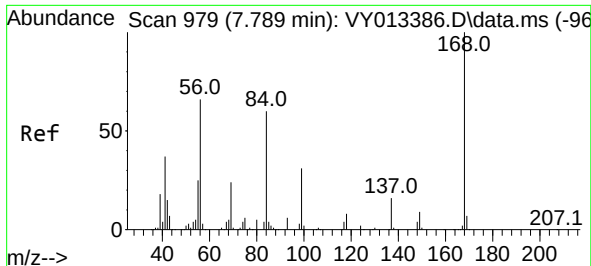
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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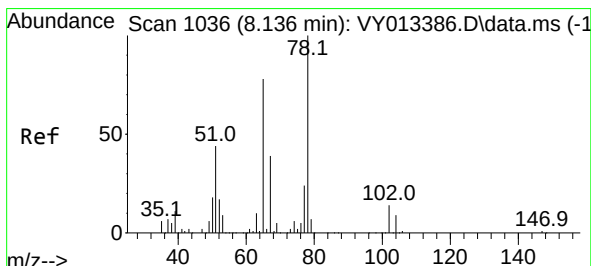
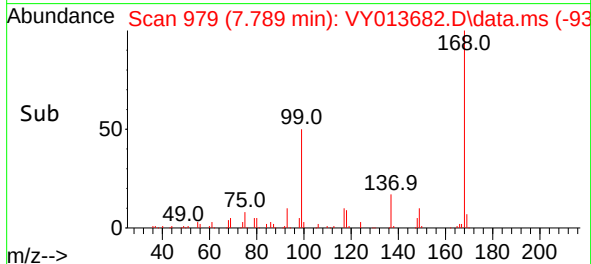
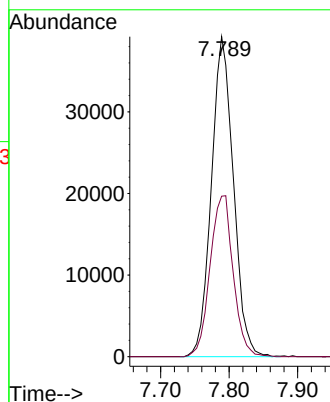
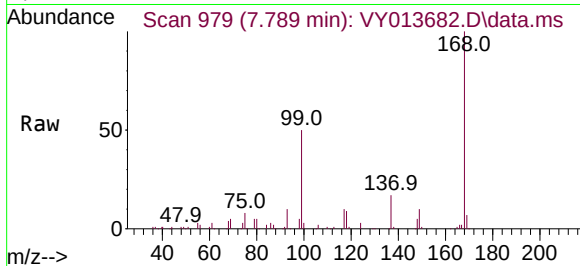




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013682.D
Acq: 10 May 2023 12:59

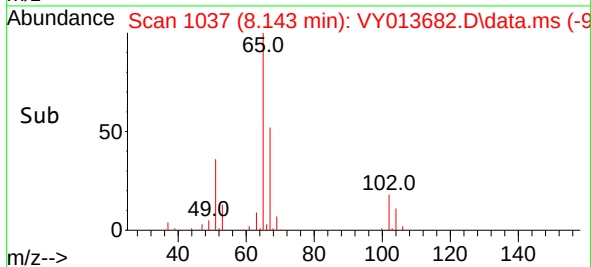
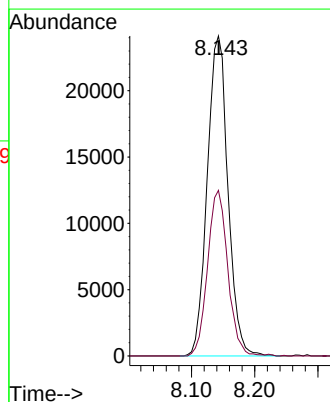
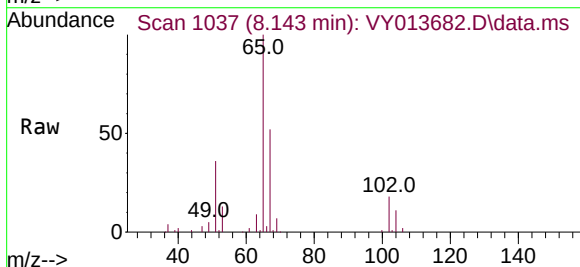
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-207RE

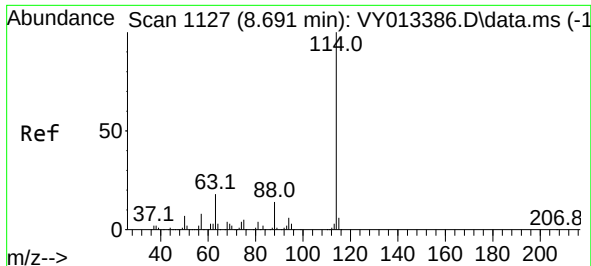
Tgt Ion:168 Resp: 87547
Ion Ratio Lower Upper
168 100
99 50.2 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 57.120 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013682.D
Acq: 10 May 2023 12:59

Tgt Ion: 65 Resp: 54819
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013682.D

Acq: 10 May 2023 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-207RE

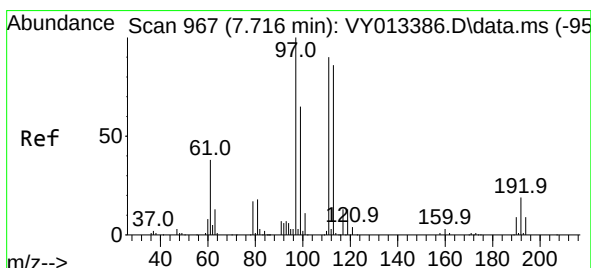
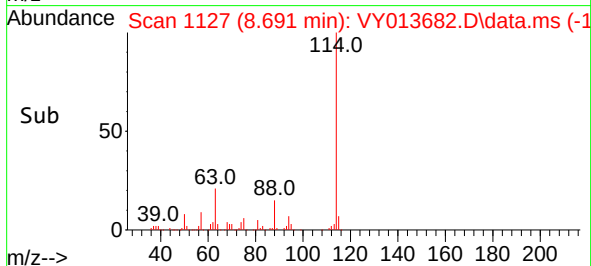
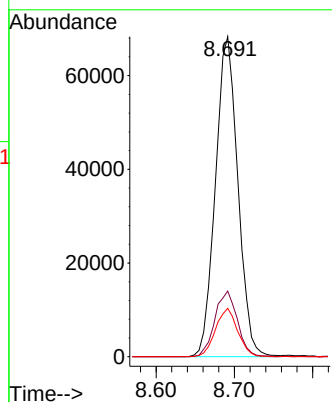
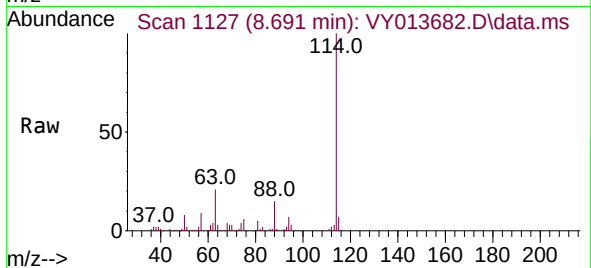
Tgt Ion:114 Resp: 136059

Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.6

88 15.1 0.0 28.8



#35

Dibromofluoromethane

Concen: 54.391 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013682.D

Acq: 10 May 2023 12:59

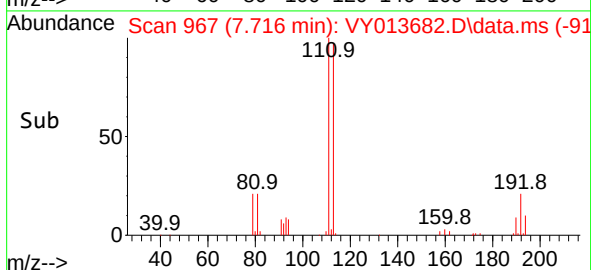
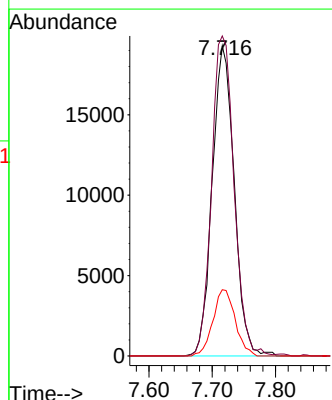
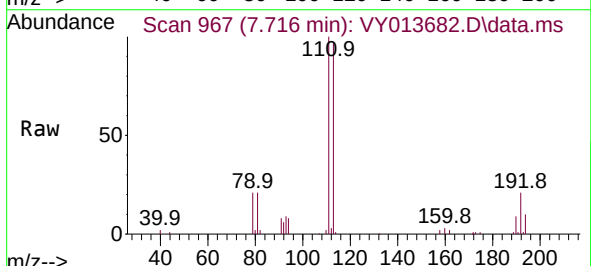
Tgt Ion:113 Resp: 46545

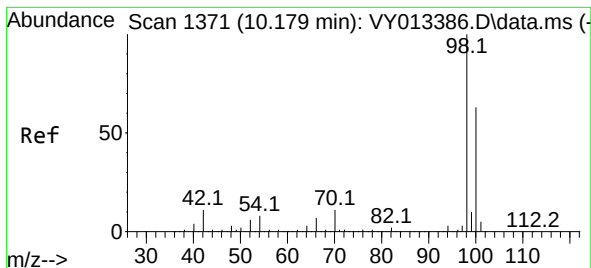
Ion Ratio Lower Upper

113 100

111 105.2 82.2 123.2

192 21.6 16.7 25.1





#50

Toluene-d8

Concen: 53.600 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013682.D

Acq: 10 May 2023 12:59

Instrument :

MSVOA_Y

ClientSampleId :

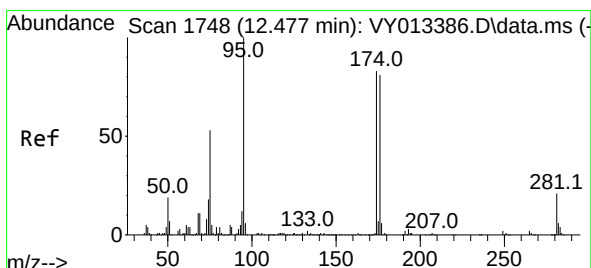
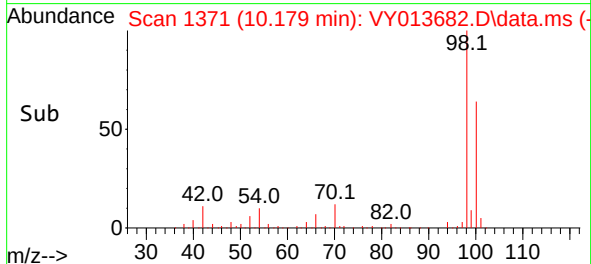
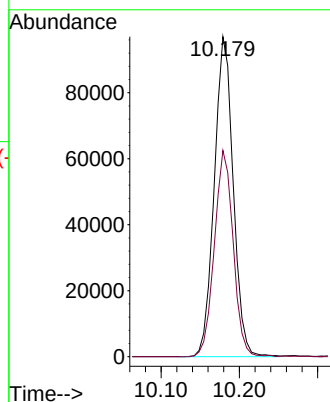
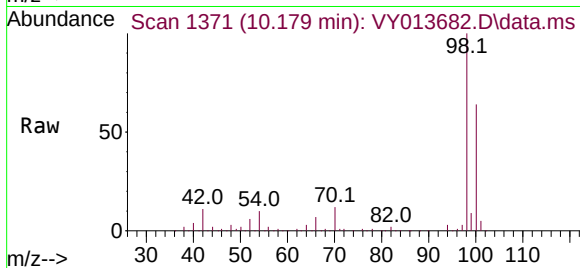
VNJ-207RE

Tgt Ion: 98 Resp: 163173

Ion Ratio Lower Upper

98 100

100 64.0 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 46.286 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY013682.D

Acq: 10 May 2023 12:59

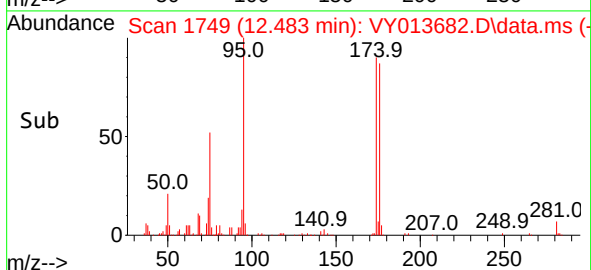
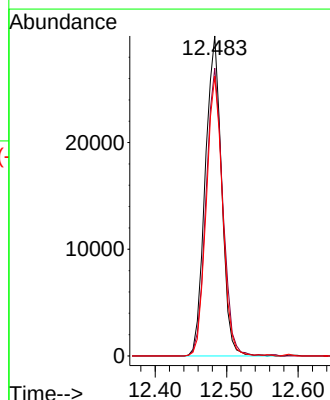
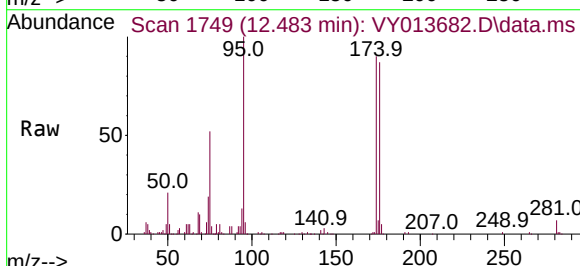
Tgt Ion: 95 Resp: 47503

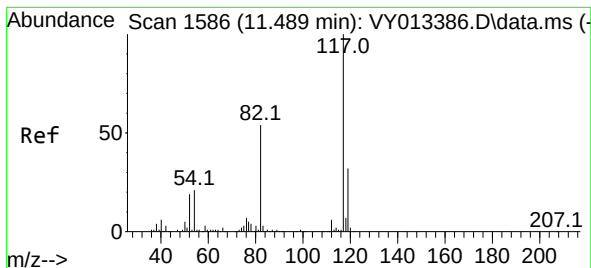
Ion Ratio Lower Upper

95 100

174 92.6 0.0 182.0

176 86.9 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013682.D

Acq: 10 May 2023 12:59

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-207RE

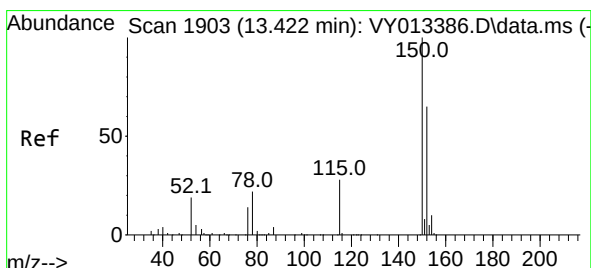
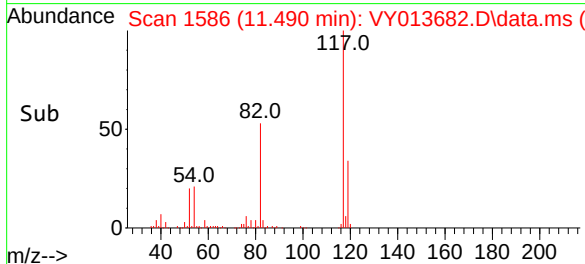
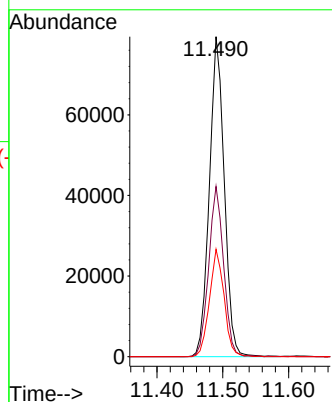
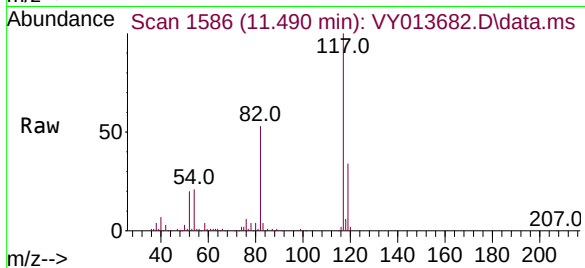
Tgt Ion:117 Resp: 125454

Ion Ratio Lower Upper

117 100

82 53.2 43.0 64.6

119 33.6 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013682.D

Acq: 10 May 2023 12:59

Tgt Ion:152 Resp: 50956

Ion Ratio Lower Upper

152 100

115 54.1 28.1 84.2

150 153.8 0.0 352.0

