

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018470.D
 Acq On : 04 Jun 2024 17:45
 Operator : SY/MD
 Sample : P2680-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR2520258

Quant Time: Jun 05 01:28:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	17649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	33024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	25549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	8356	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	18305	52.813	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.620%
35) Dibromofluoromethane	7.710	113	16411	39.189	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.380%
50) Toluene-d8	10.173	98	64115	38.485	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	76.980%
62) 4-Bromofluorobenzene	12.477	95	16175	31.183	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	62.360%

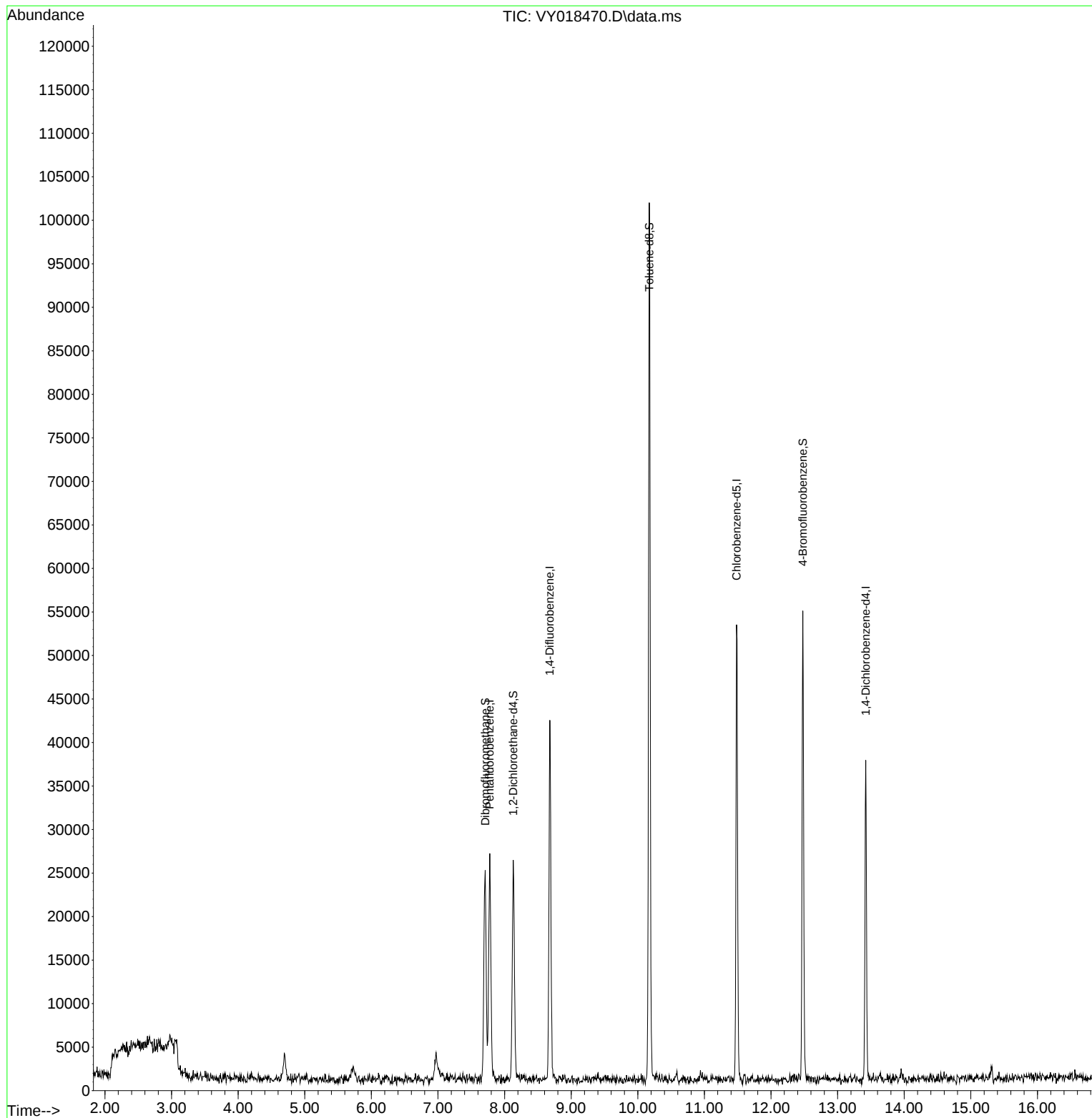
Target Compounds	Qvalue

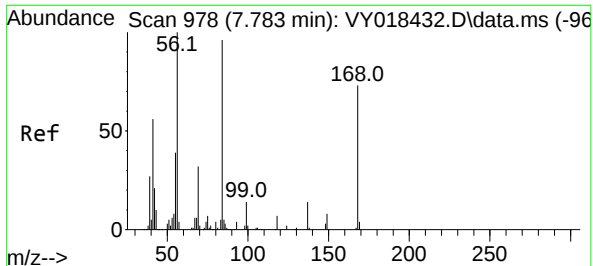
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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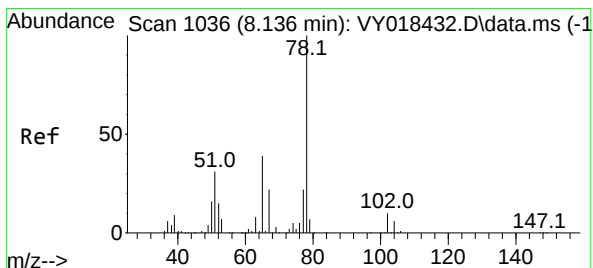
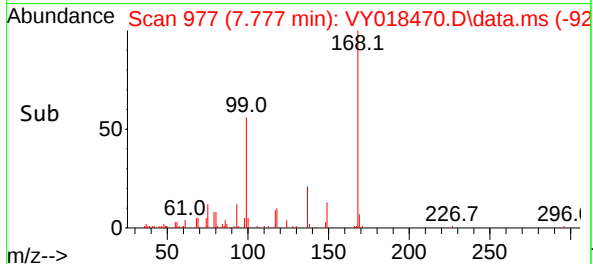
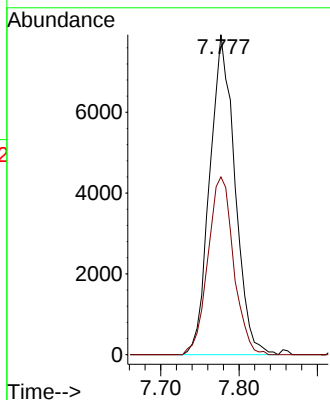
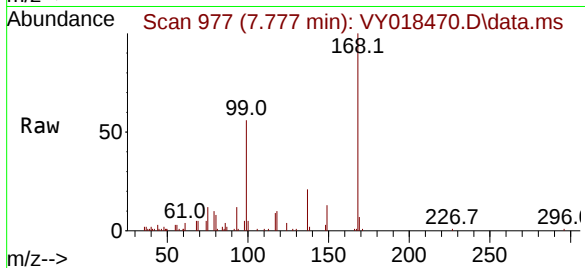




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018470.D
Acq: 04 Jun 2024 17:45

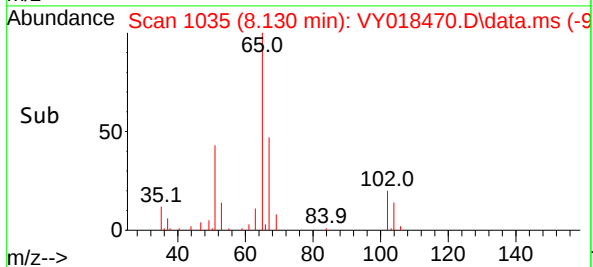
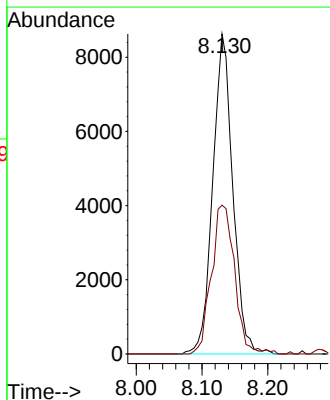
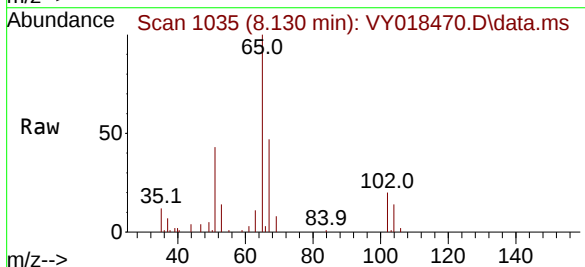
Instrument :
MSVOA_Y
ClientSampleId :
RBR2520258

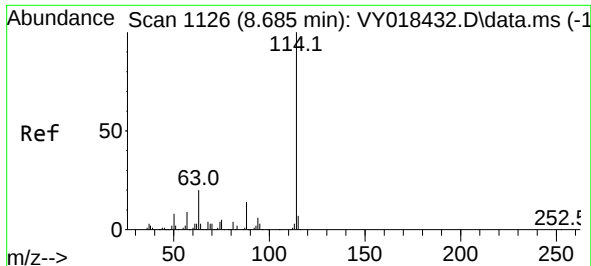
Tgt Ion:168 Resp: 17649
Ion Ratio Lower Upper
168 100
99 55.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 52.813 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018470.D
Acq: 04 Jun 2024 17:45

Tgt Ion: 65 Resp: 18305
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY018470.D

Acq: 04 Jun 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

RBR2520258

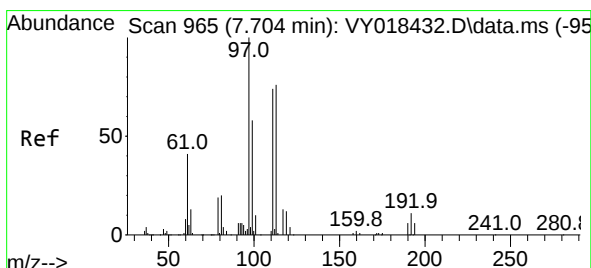
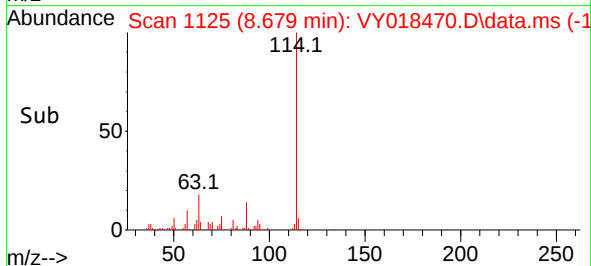
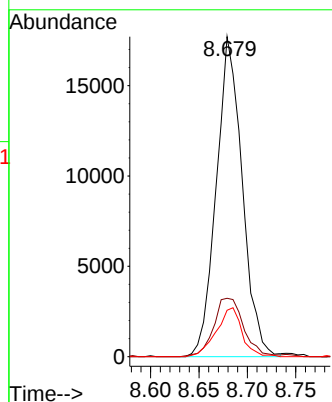
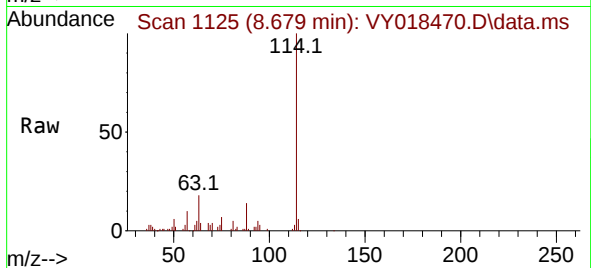
Tgt Ion:114 Resp: 33024

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 39.189 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018470.D

Acq: 04 Jun 2024 17:45

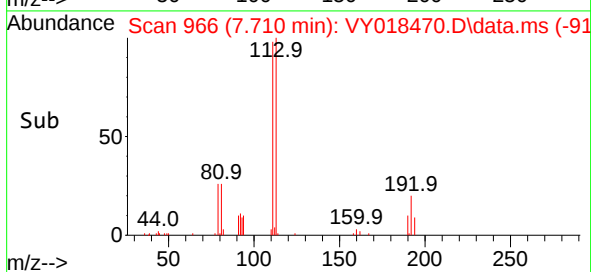
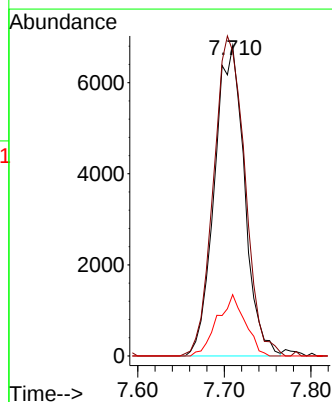
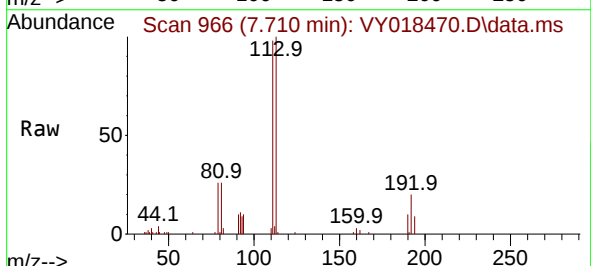
Tgt Ion:113 Resp: 16411

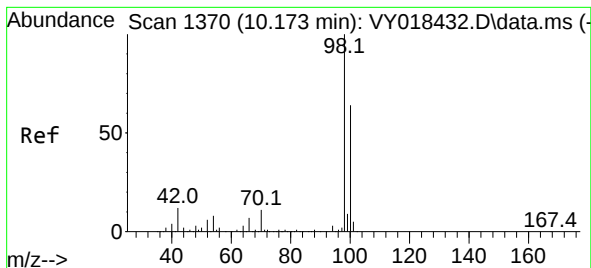
Ion Ratio Lower Upper

113 100

111 107.3 82.2 123.4

192 18.4 15.9 23.9





#50

Toluene-d8

Concen: 38.485 ug/l

RT: 10.173 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018470.D

Acq: 04 Jun 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

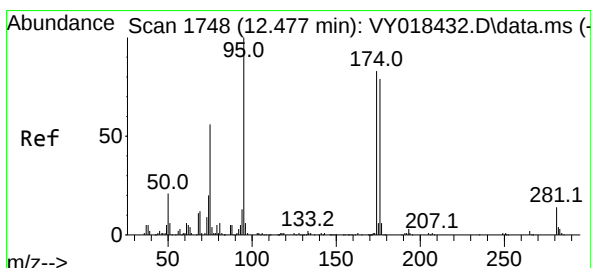
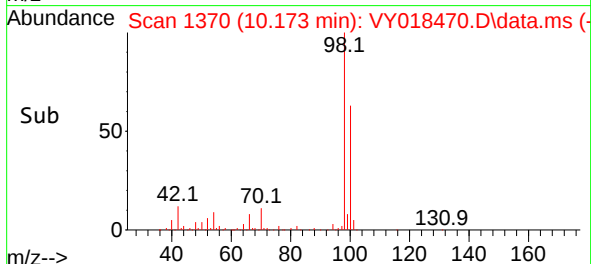
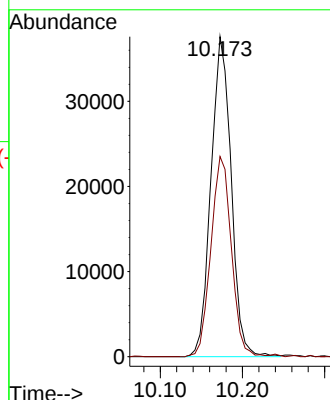
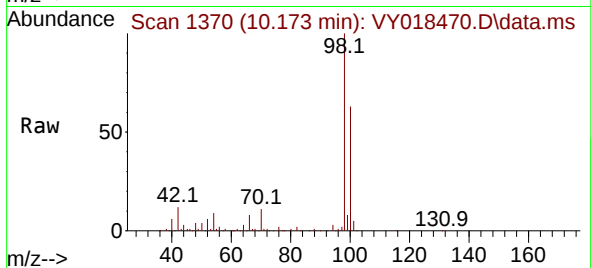
RBR2520258

Tgt Ion: 98 Resp: 64115

Ion Ratio Lower Upper

98 100

100 63.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 31.183 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018470.D

Acq: 04 Jun 2024 17:45

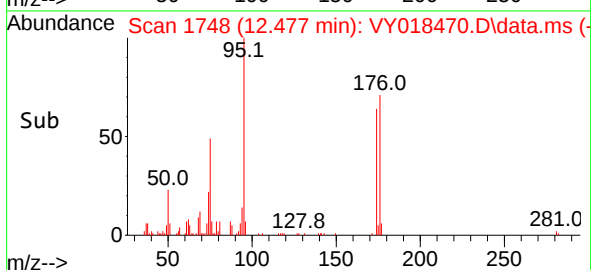
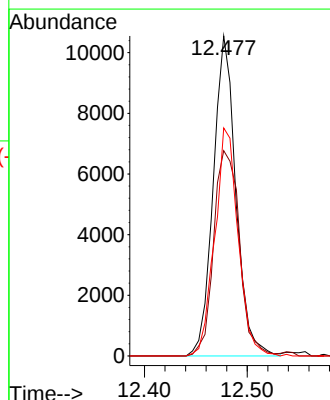
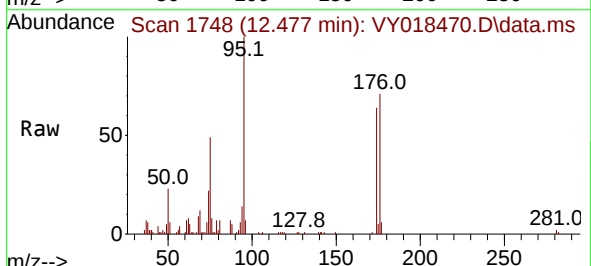
Tgt Ion: 95 Resp: 16175

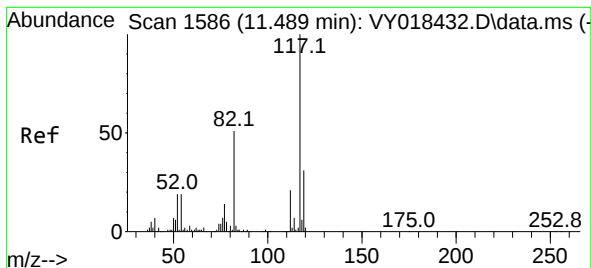
Ion Ratio Lower Upper

95 100

174 72.9 0.0 175.6

176 73.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018470.D

Acq: 04 Jun 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

RBR2520258

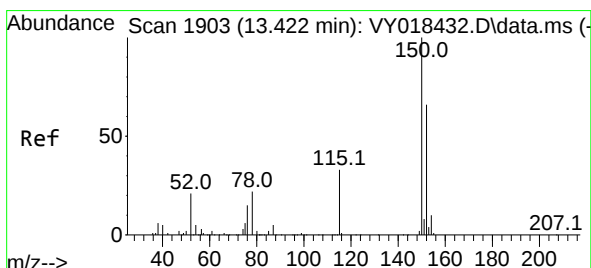
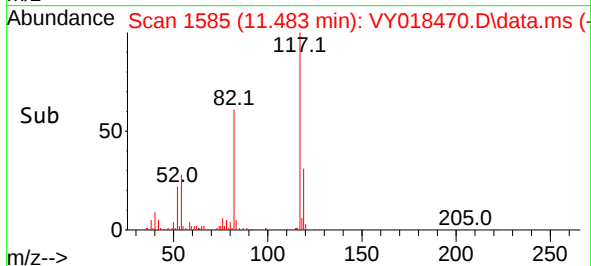
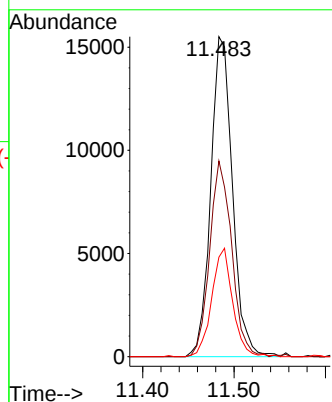
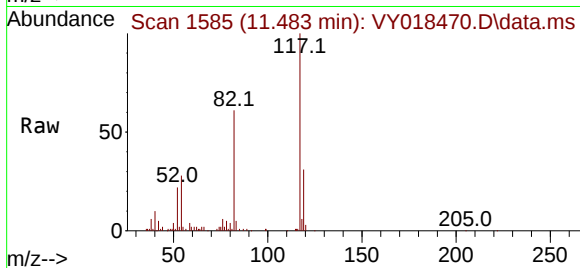
Tgt Ion:117 Resp: 25549

Ion Ratio Lower Upper

117 100

82 61.2 42.4 63.6

119 31.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018470.D

Acq: 04 Jun 2024 17:45

Tgt Ion:152 Resp: 8356

Ion Ratio Lower Upper

152 100

115 63.2 28.2 84.7

150 150.9 0.0 345.6

