

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
 Data File : VY018803.D
 Acq On : 12 Jul 2024 17:29
 Operator : SY/MD
 Sample : P3207-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR2520700

Quant Time: Jul 12 23:42:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	12744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	20097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	15099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7360	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	5670	45.214	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.420%
35) Dibromofluoromethane	7.710	113	6081	48.311	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.620%
50) Toluene-d8	10.173	98	22467	47.113	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.220%
62) 4-Bromofluorobenzene	12.477	95	10361	63.621	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	127.240%

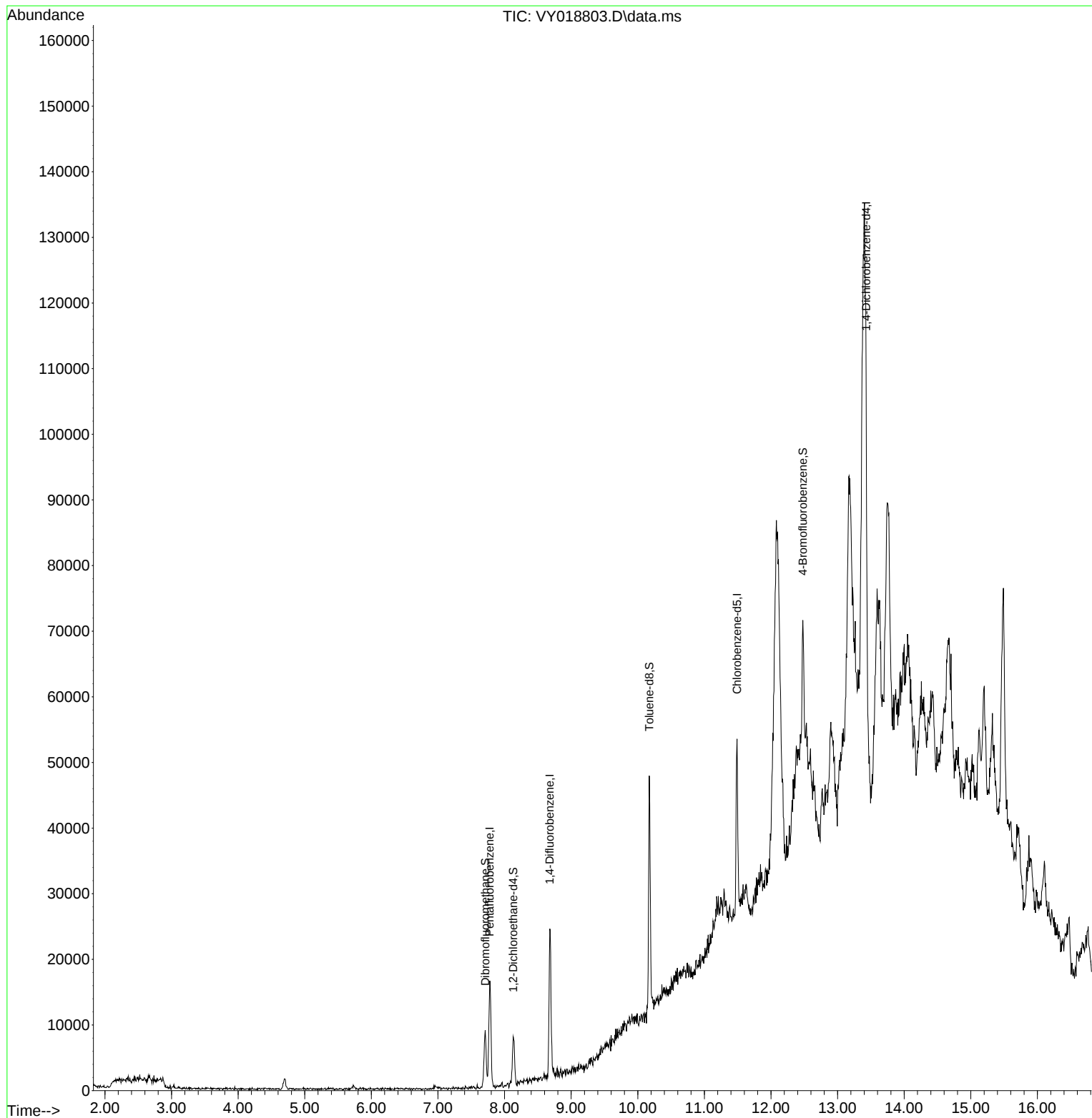
Target Compounds	Qvalue

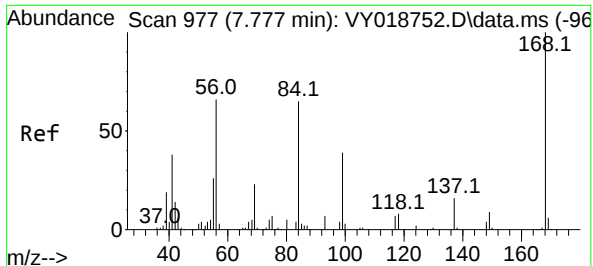
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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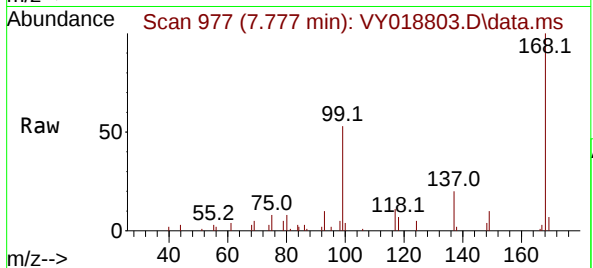
Quant Time: Jul 12 23:42:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
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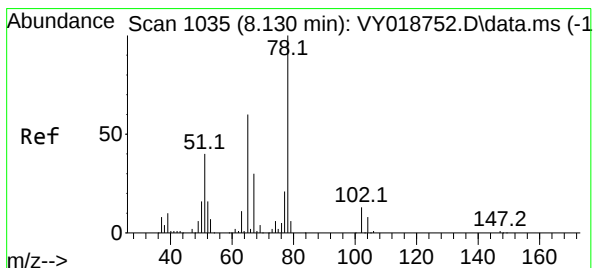
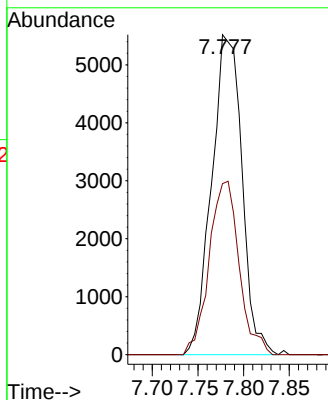
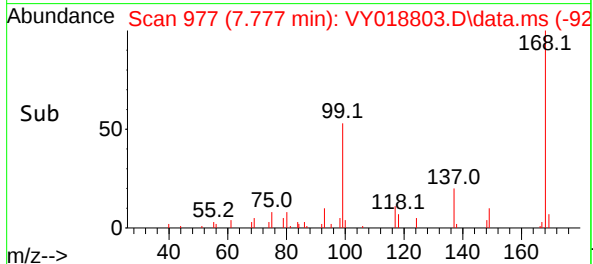


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018803.D
Acq: 12 Jul 2024 17:29

Instrument :
MSVOA_Y
ClientSampleId :
RBR2520700

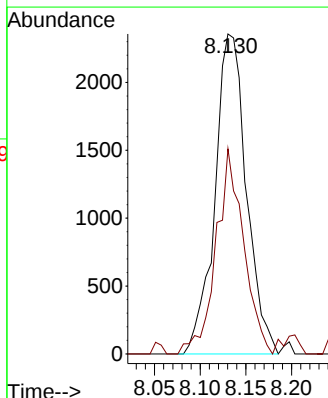
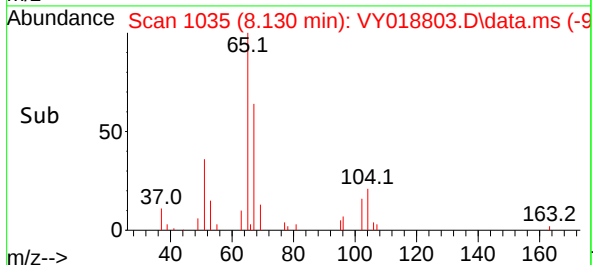
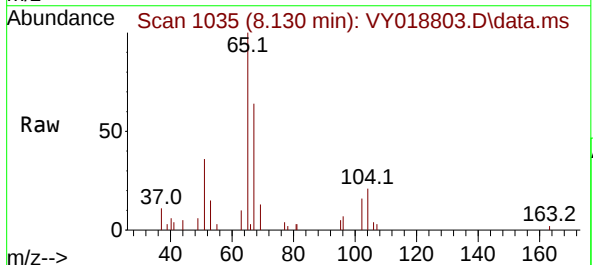


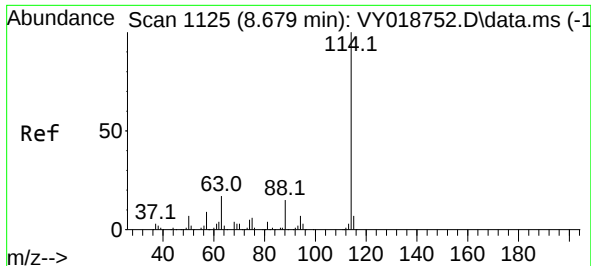
Tgt Ion:168 Resp: 12744
Ion Ratio Lower Upper
168 100
99 53.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 45.214 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018803.D
Acq: 12 Jul 2024 17:29

Tgt Ion: 65 Resp: 5670
Ion Ratio Lower Upper
65 100
67 56.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VY018803.D

Acq: 12 Jul 2024 17:29

Instrument :

MSVOA_Y

ClientSampleId :

RBR2520700

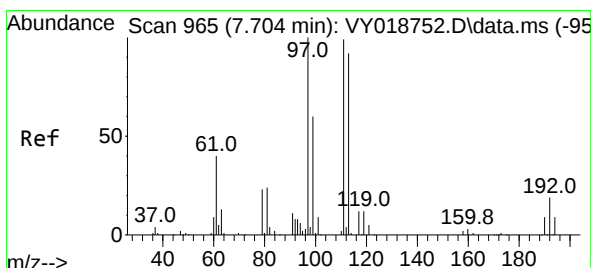
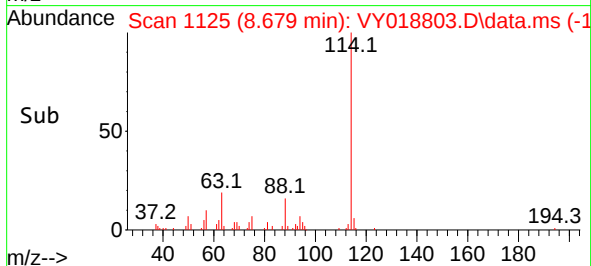
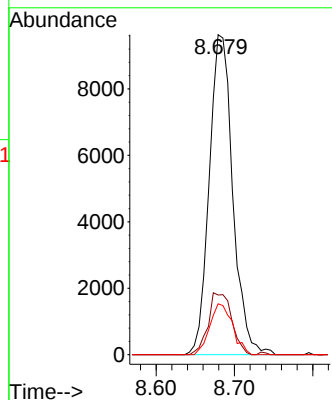
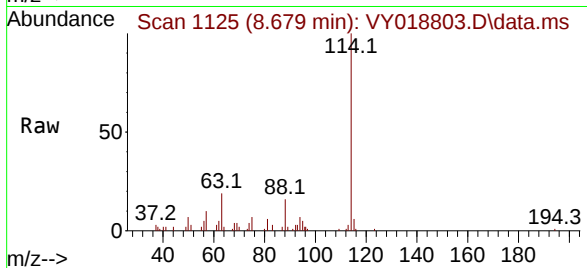
Tgt Ion:114 Resp: 20097

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 15.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.311 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018803.D

Acq: 12 Jul 2024 17:29

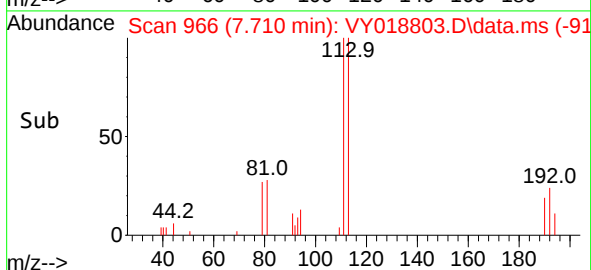
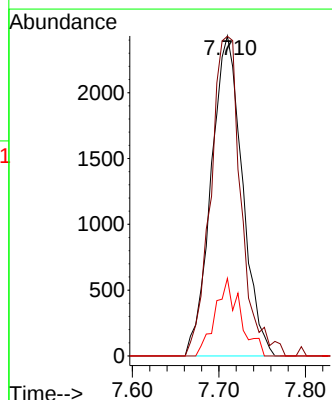
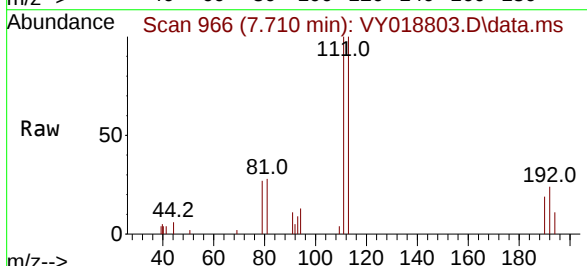
Tgt Ion:113 Resp: 6081

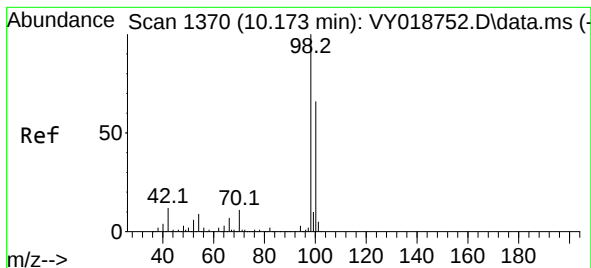
Ion Ratio Lower Upper

113 100

111 97.0 82.2 123.4

192 19.6 15.9 23.9





#50

Toluene-d8

Concen: 47.113 ug/l

RT: 10.173 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018803.D

Acq: 12 Jul 2024 17:29

Instrument :

MSVOA_Y

ClientSampleId :

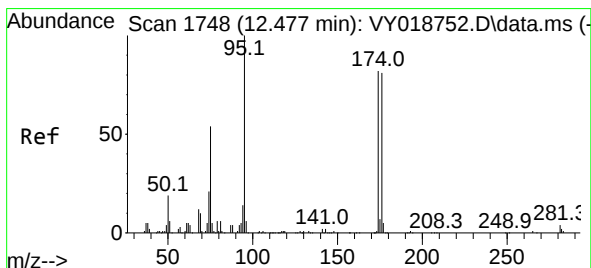
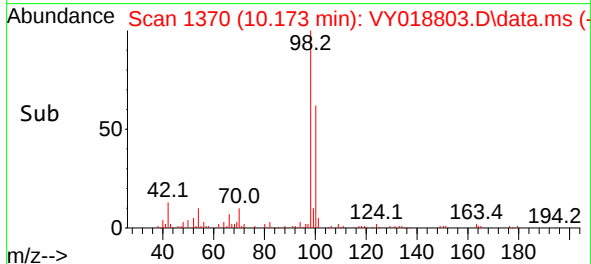
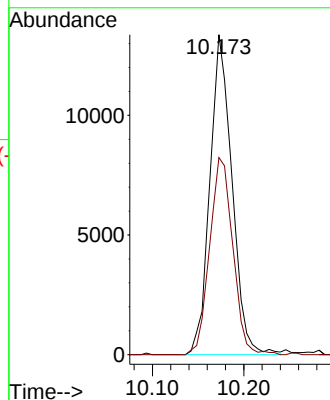
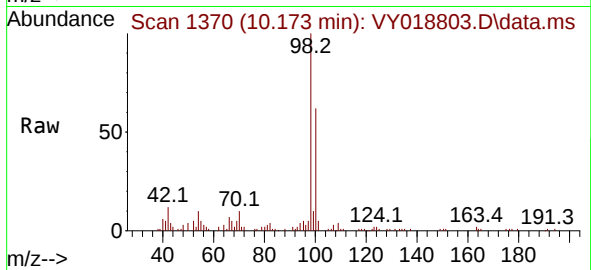
RBR2520700

Tgt Ion: 98 Resp: 22467

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 63.621 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018803.D

Acq: 12 Jul 2024 17:29

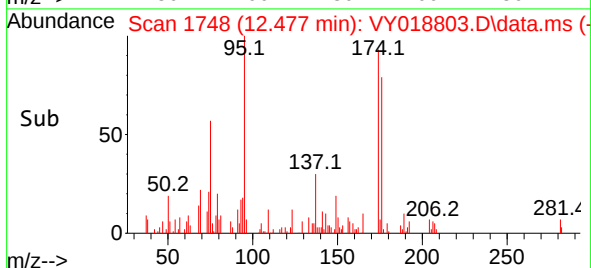
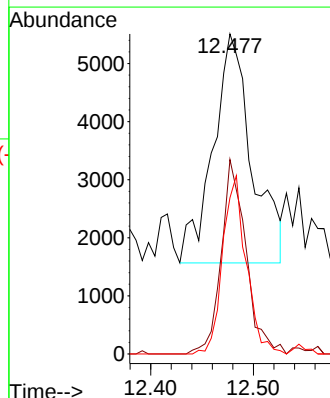
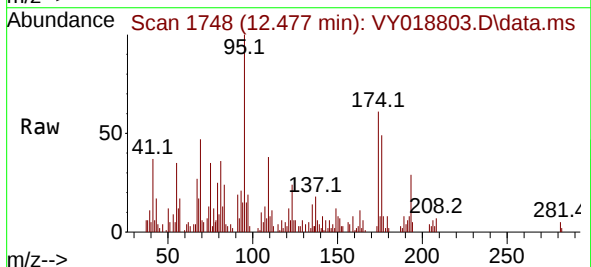
Tgt Ion: 95 Resp: 10361

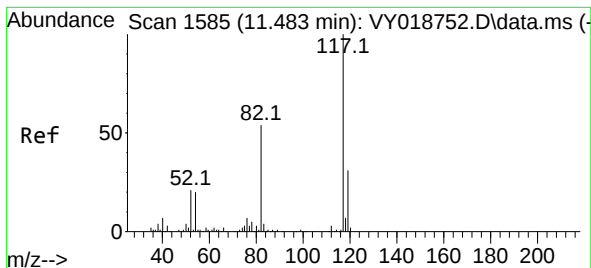
Ion Ratio Lower Upper

95 100

174 54.0 0.0 175.6

176 47.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018803.D

Acq: 12 Jul 2024 17:29

Instrument :

MSVOA_Y

ClientSampleId :

RBR2520700

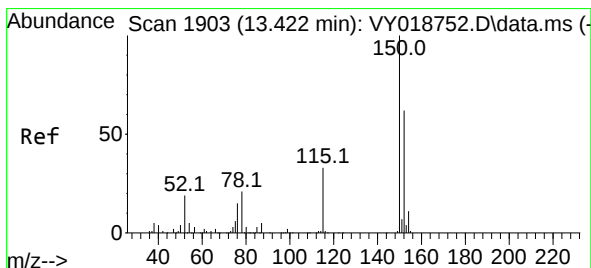
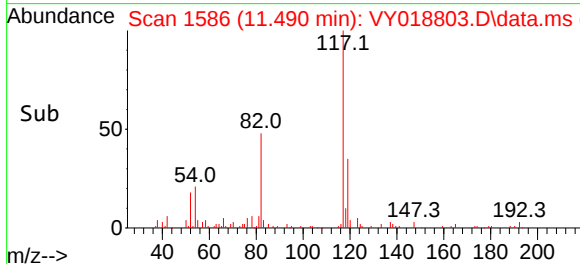
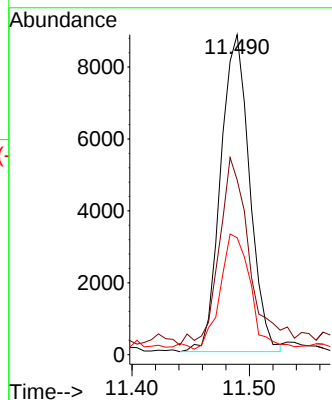
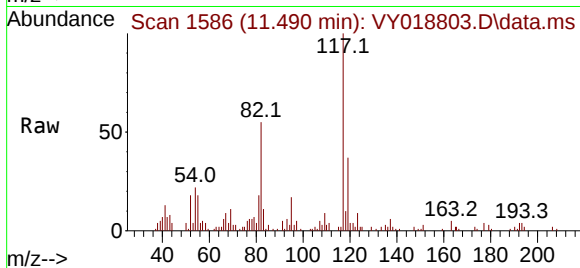
Tgt Ion:117 Resp: 15099

Ion Ratio Lower Upper

117 100

82 52.1 42.4 63.6

119 33.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018803.D

Acq: 12 Jul 2024 17:29

Tgt Ion:152 Resp: 7360

Ion Ratio Lower Upper

152 100

115 47.7 28.2 84.7

150 119.9 0.0 345.6

