

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
 Data File : VY018789.D
 Acq On : 12 Jul 2024 11:48
 Operator : SY/MD
 Sample : P3193-05
 Misc : 5.55g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FILL-MATERIAL-3

Quant Time: Jul 12 23:35:38 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	87956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	160125	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	139249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	52248	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	44569	51.495	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.980%
35) Dibromofluoromethane	7.710	113	49188	49.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.100%
50) Toluene-d8	10.179	98	177859	46.810	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.620%
62) 4-Bromofluorobenzene	12.483	95	54966	42.361	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.720%

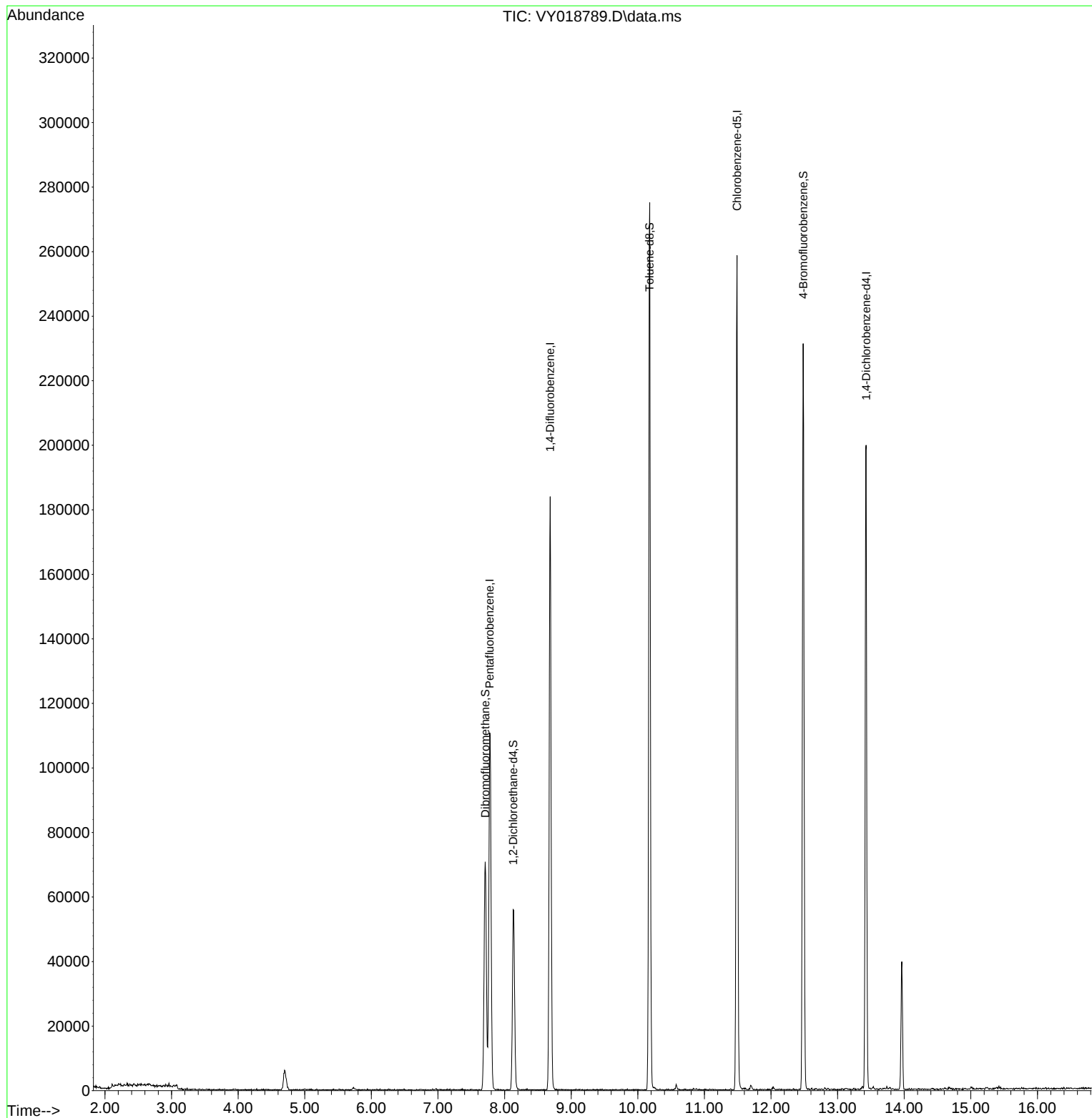
Target Compounds	Qvalue

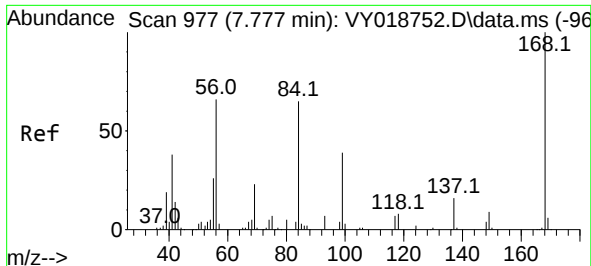
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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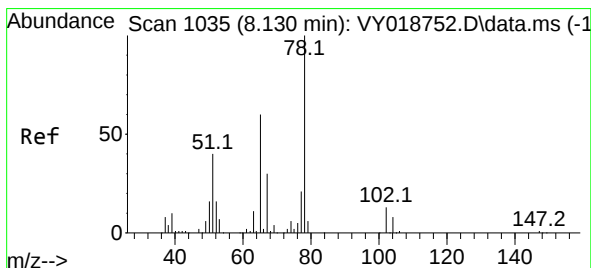
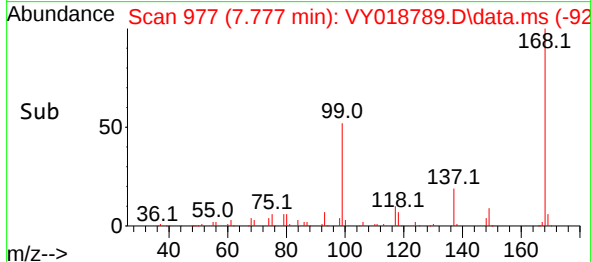
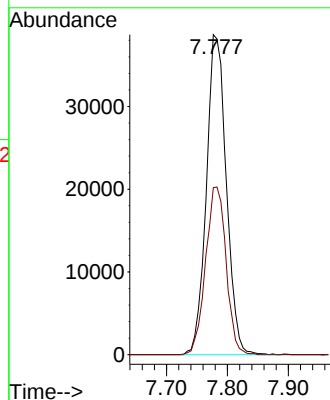
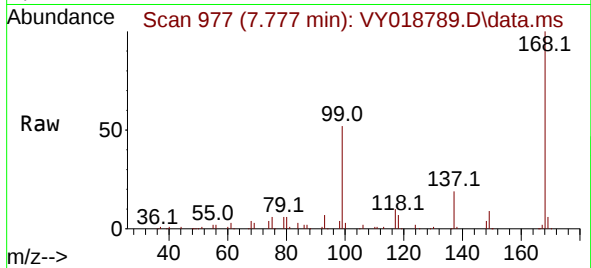




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018789.D
Acq: 12 Jul 2024 11:48

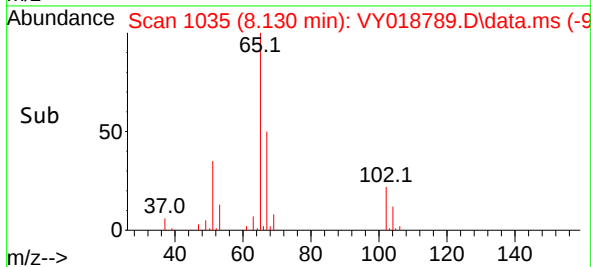
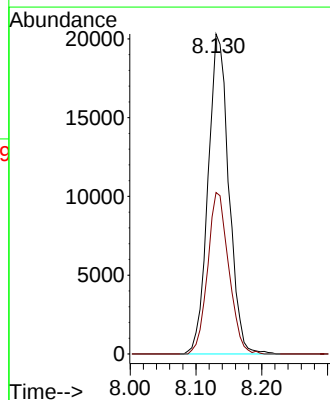
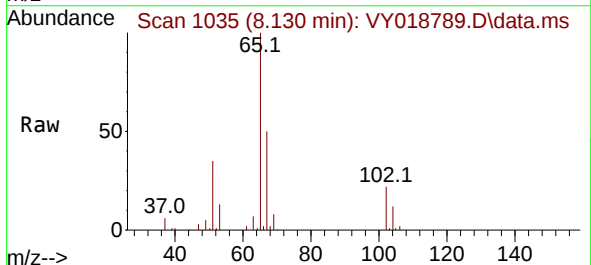
Instrument :
MSVOA_Y
ClientSampleId :
FILL-MATERIAL-3

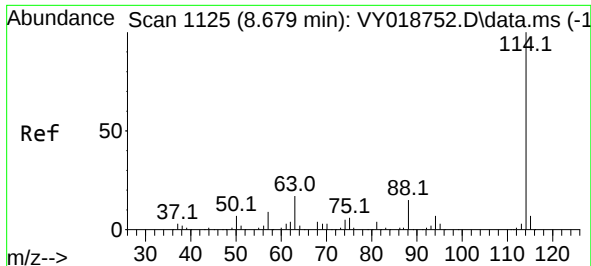
Tgt Ion:168 Resp: 87956
Ion Ratio Lower Upper
168 100
99 52.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 51.495 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018789.D
Acq: 12 Jul 2024 11:48

Tgt Ion: 65 Resp: 44569
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018789.D

Acq: 12 Jul 2024 11:48

Instrument :

MSVOA_Y

ClientSampleId :

FILL-MATERIAL-3

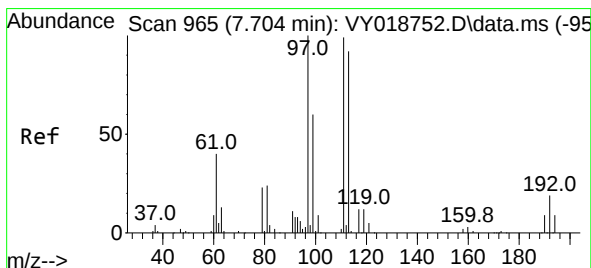
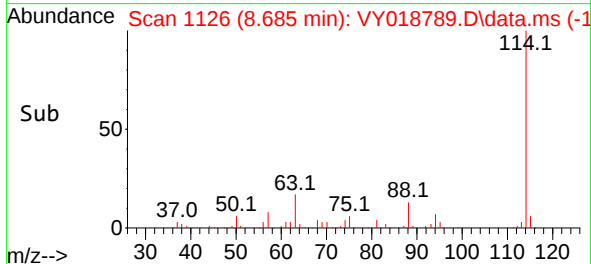
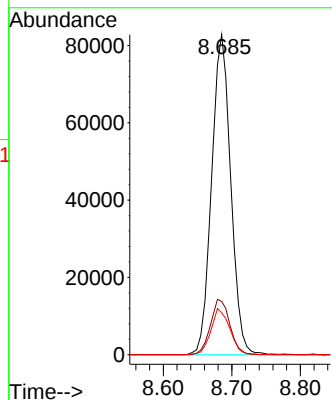
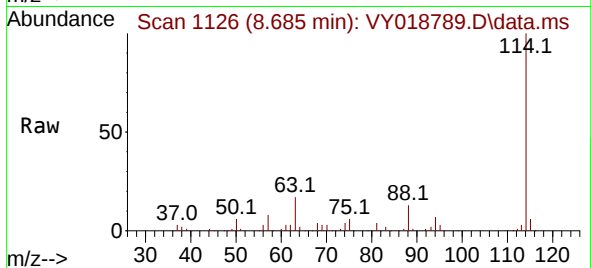
Tgt Ion:114 Resp: 160125

Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 13.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.046 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018789.D

Acq: 12 Jul 2024 11:48

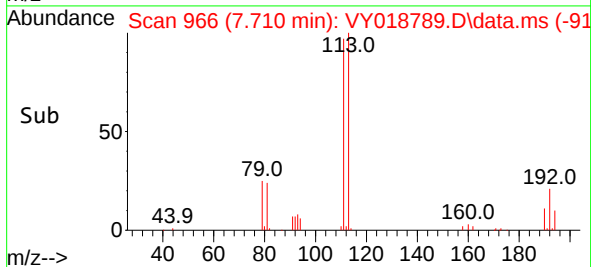
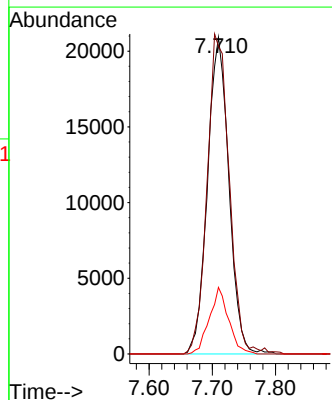
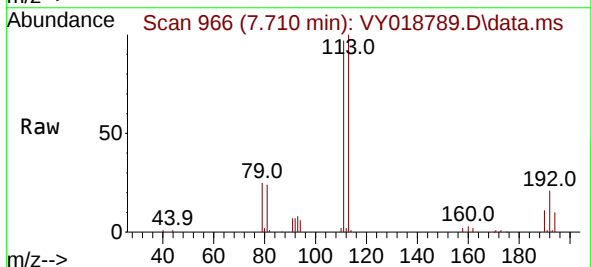
Tgt Ion:113 Resp: 49188

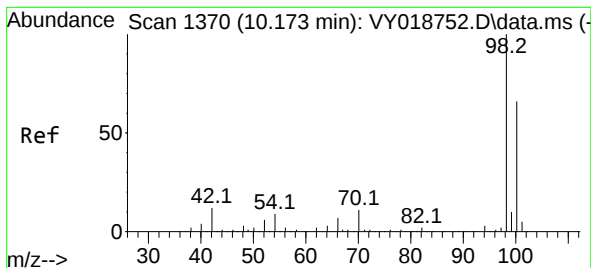
Ion Ratio Lower Upper

113 100

111 104.4 82.2 123.4

192 18.9 15.9 23.9





#50

Toluene-d8

Concen: 46.810 ug/l

RT: 10.179 min Scan# 1370

Delta R.T. 0.006 min

Lab File: VY018789.D

Acq: 12 Jul 2024 11:48

Instrument :

MSVOA_Y

ClientSampleId :

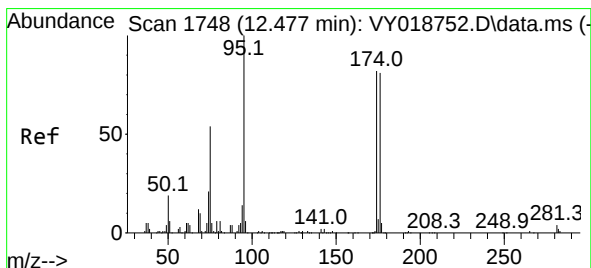
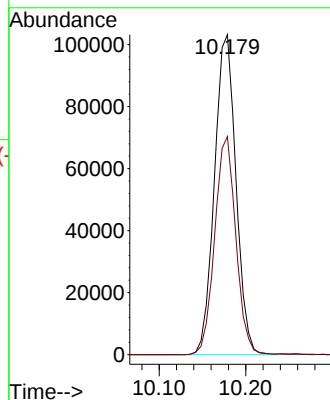
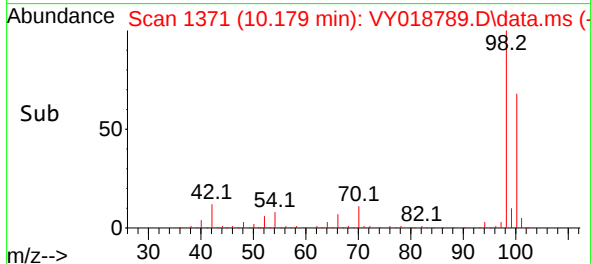
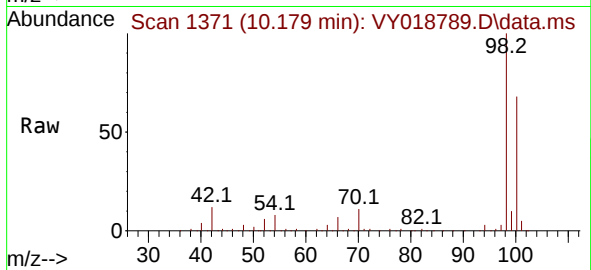
FILL-MATERIAL-3

Tgt Ion: 98 Resp: 177859

Ion Ratio Lower Upper

98 100

100 67.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 42.361 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY018789.D

Acq: 12 Jul 2024 11:48

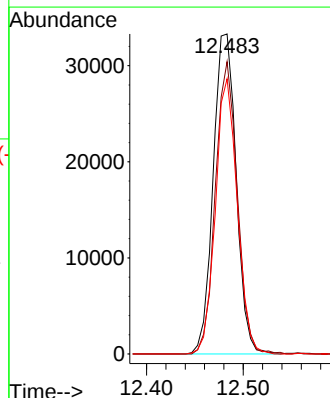
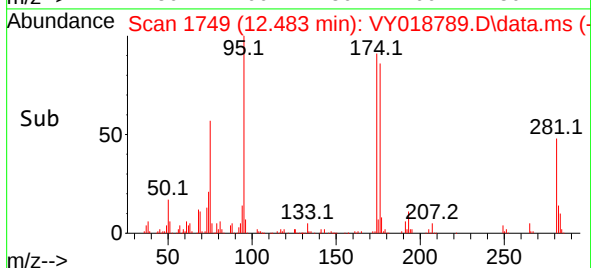
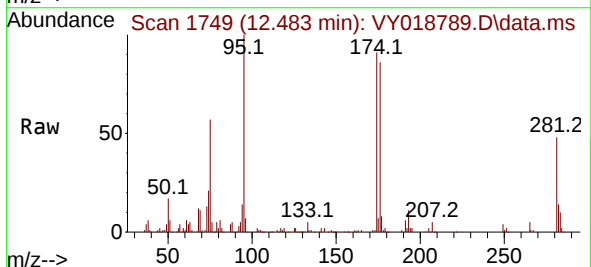
Tgt Ion: 95 Resp: 54966

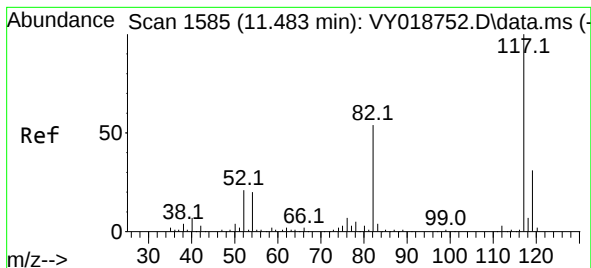
Ion Ratio Lower Upper

95 100

174 86.8 0.0 175.6

176 81.7 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: VY018789.D

Acq: 12 Jul 2024 11:48

Instrument :

MSVOA_Y

ClientSampleId :

FILL-MATERIAL-3

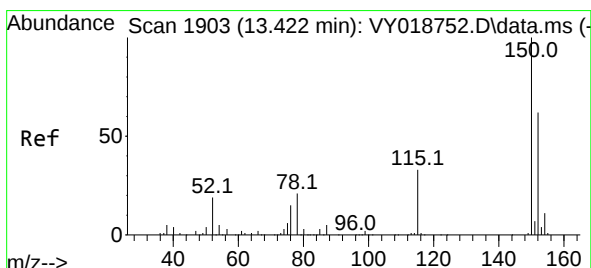
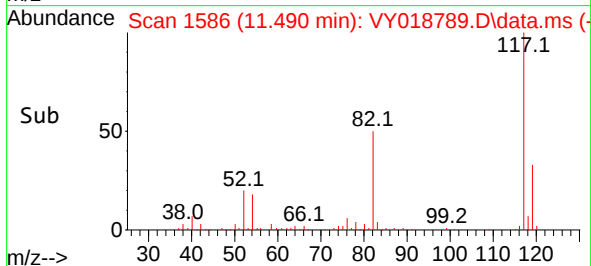
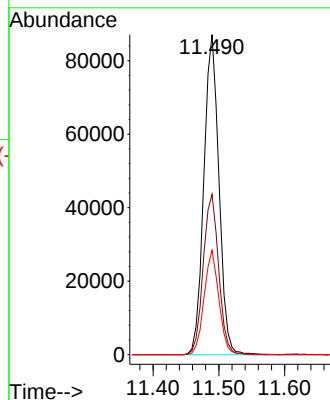
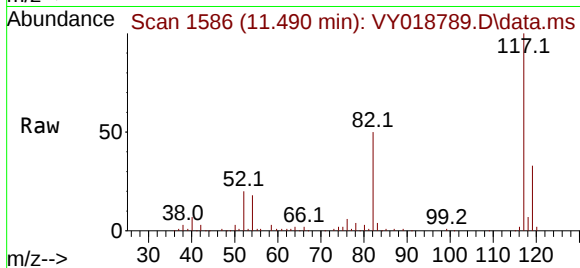
Tgt Ion:117 Resp: 139249

Ion Ratio Lower Upper

117 100

82 50.1 42.4 63.6

119 32.7 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: VY018789.D

Acq: 12 Jul 2024 11:48

Tgt Ion:152 Resp: 52248

Ion Ratio Lower Upper

152 100

115 58.6 28.2 84.7

150 157.6 0.0 345.6

