

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071524\
 Data File : VY018818.D
 Acq On : 15 Jul 2024 17:25
 Operator : SY/MD
 Sample : P3227-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-07112024

Quant Time: Jul 15 17:54:17 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	91848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	158403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	152326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	65804	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	51615	57.109	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.220%
35) Dibromofluoromethane	7.710	113	48991	49.381	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.760%
50) Toluene-d8	10.173	98	183231	48.748	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.500%
62) 4-Bromofluorobenzene	12.477	95	64157	49.982	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.960%

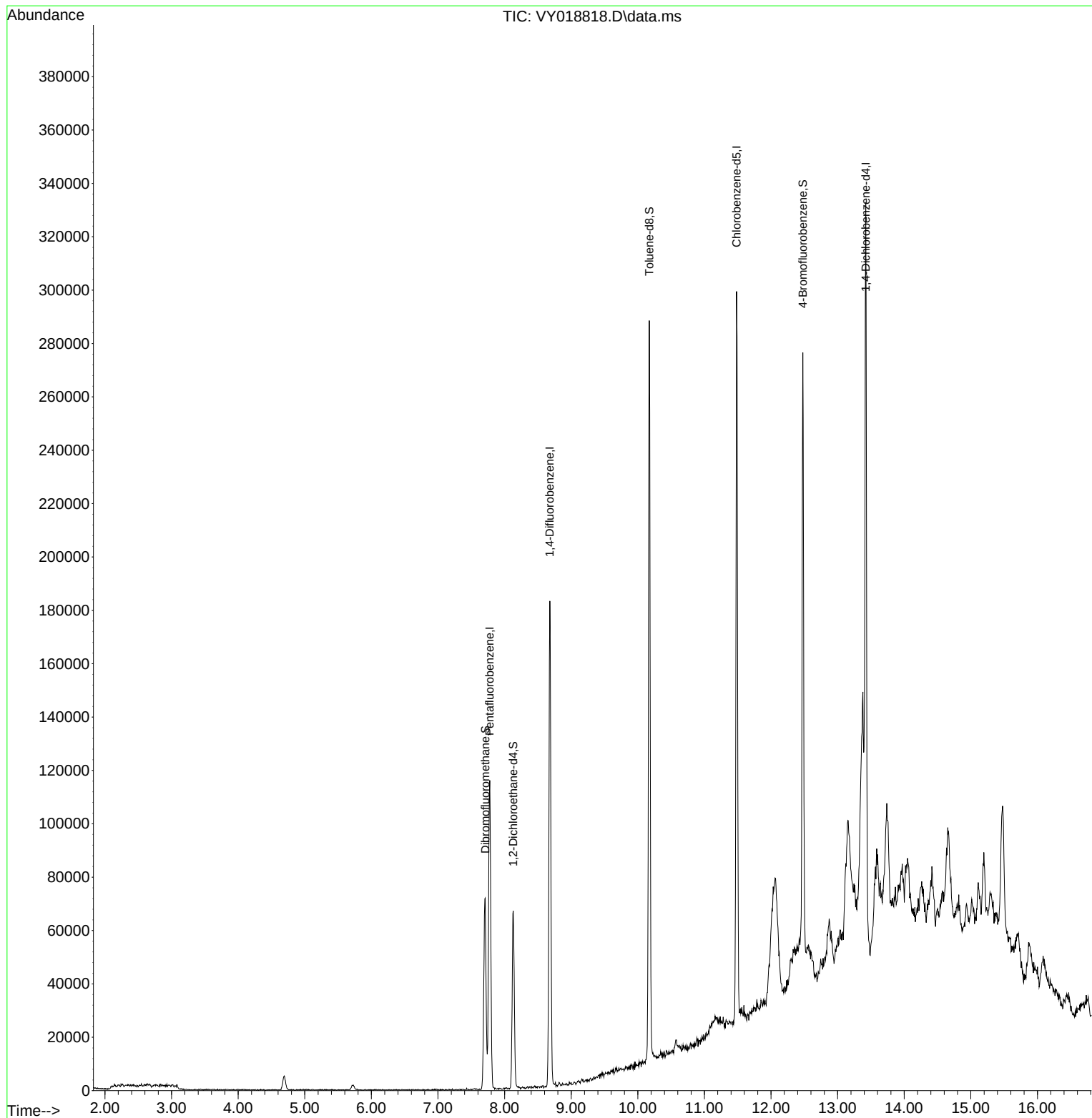
Target Compounds	Qvalue

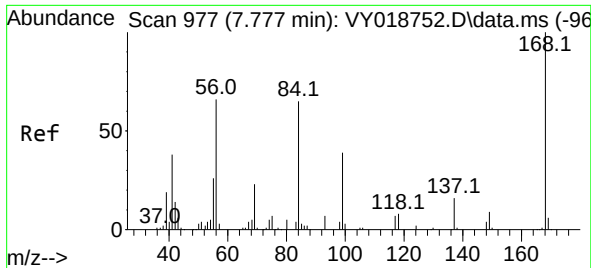
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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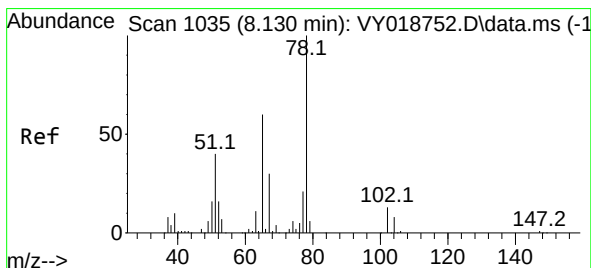
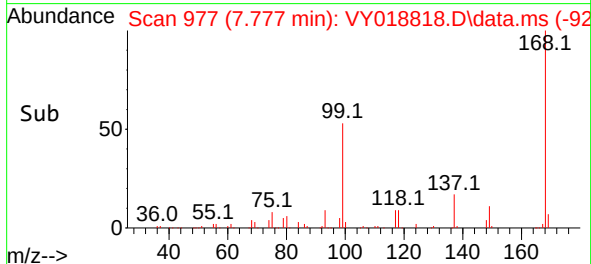
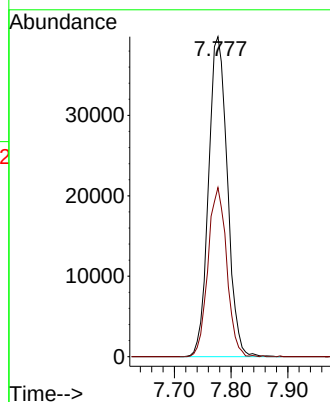
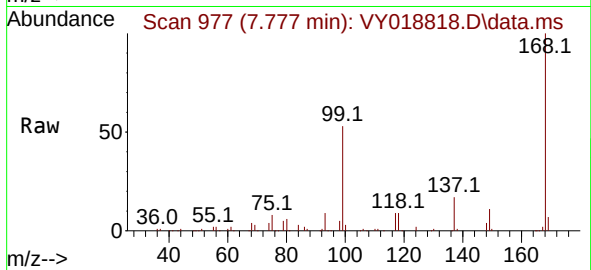




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018818.D
Acq: 15 Jul 2024 17:25

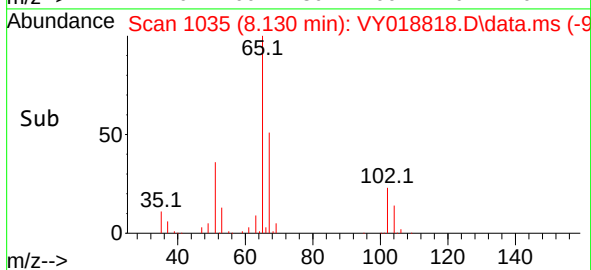
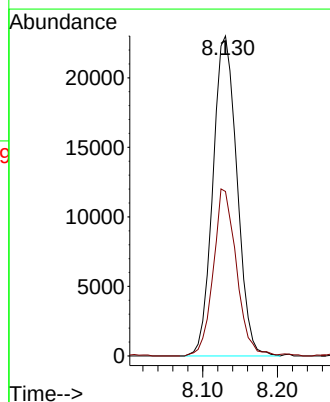
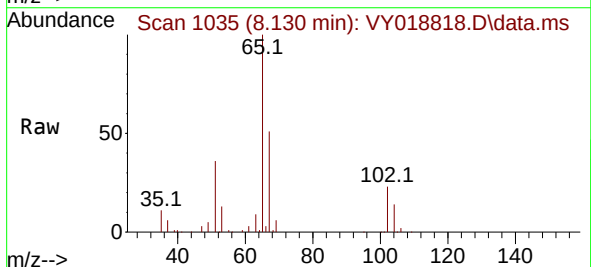
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-07112024

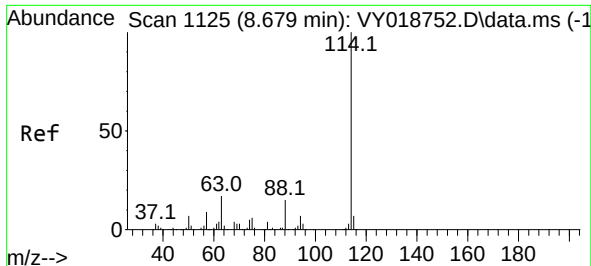
Tgt Ion:168 Resp: 91848
Ion Ratio Lower Upper
168 100
99 52.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 57.109 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018818.D
Acq: 15 Jul 2024 17:25

Tgt Ion: 65 Resp: 51615
Ion Ratio Lower Upper
65 100
67 50.1 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: VY018818.D

Acq: 15 Jul 2024 17:25

Instrument :

MSVOA_Y

ClientSampleId :

EO-03-07112024

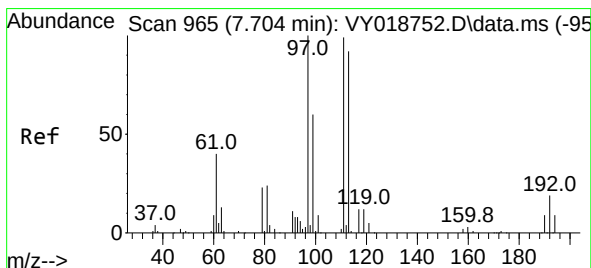
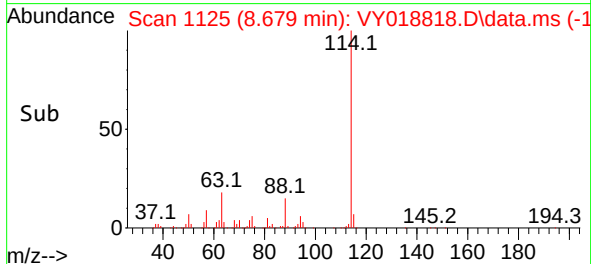
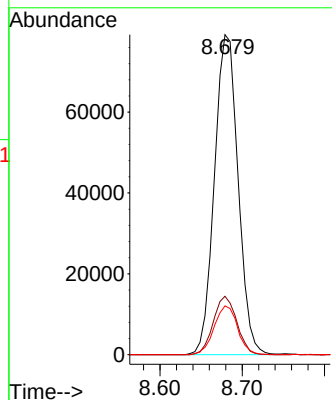
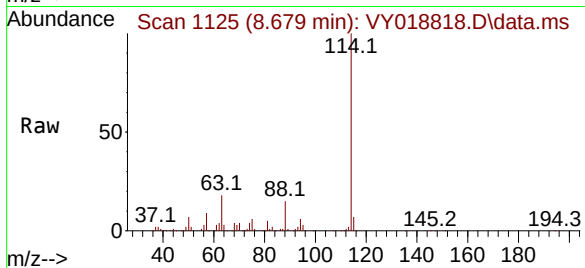
Tgt Ion:114 Resp: 158403

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

88 15.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.381 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018818.D

Acq: 15 Jul 2024 17:25

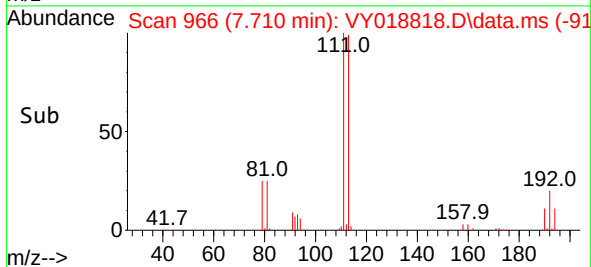
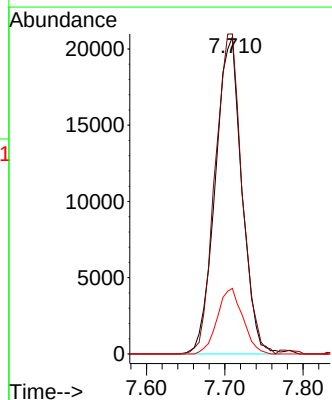
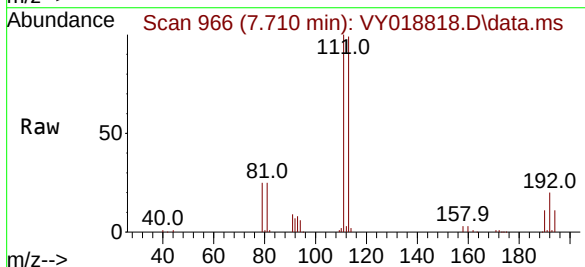
Tgt Ion:113 Resp: 48991

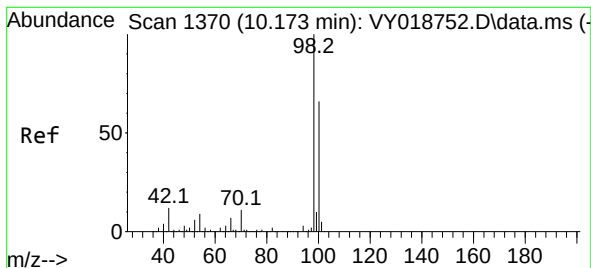
Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

192 19.8 15.9 23.9





#50

Toluene-d8

Concen: 48.748 ug/l

RT: 10.173 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018818.D

Acq: 15 Jul 2024 17:25

Instrument :

MSVOA_Y

ClientSampleId :

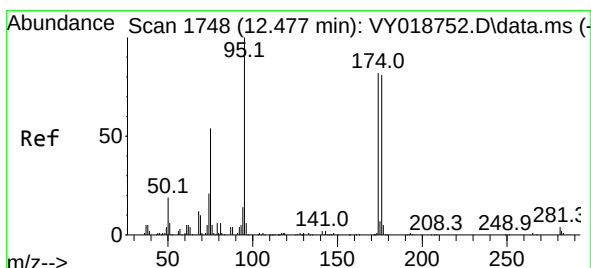
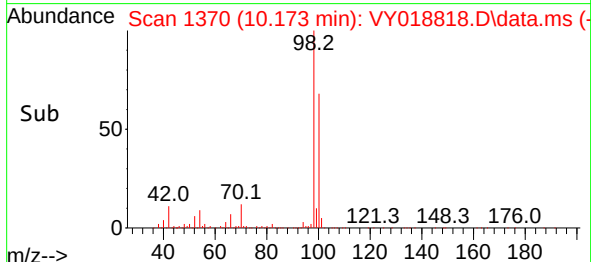
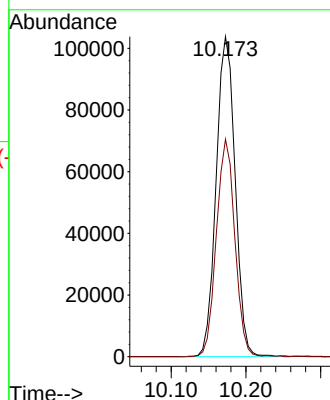
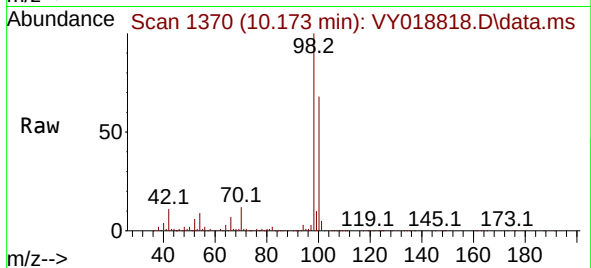
EO-03-07112024

Tgt Ion: 98 Resp: 183231

Ion Ratio Lower Upper

98 100

100 66.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.982 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018818.D

Acq: 15 Jul 2024 17:25

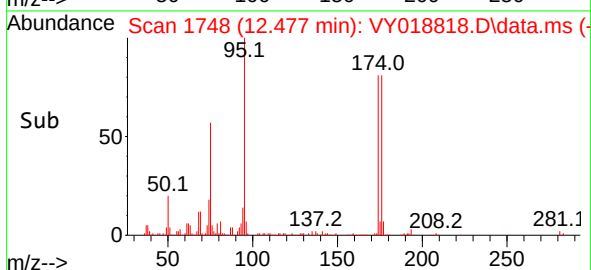
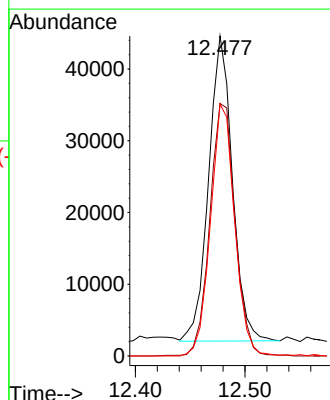
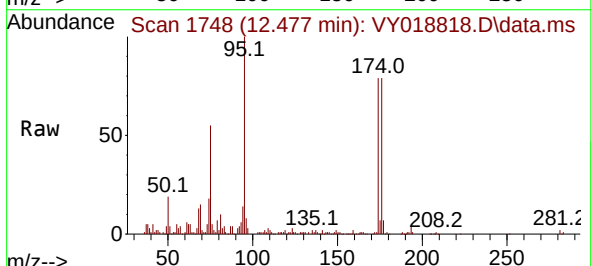
Tgt Ion: 95 Resp: 64157

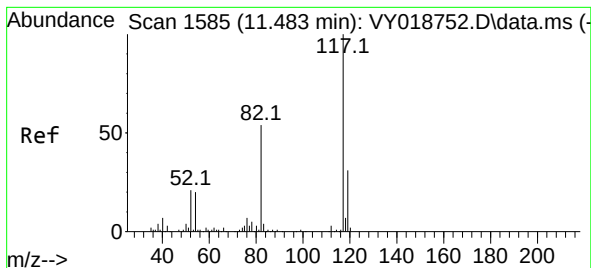
Ion Ratio Lower Upper

95 100

174 87.9 0.0 175.6

176 83.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018818.D

Acq: 15 Jul 2024 17:25

Instrument :

MSVOA_Y

ClientSampleId :

EO-03-07112024

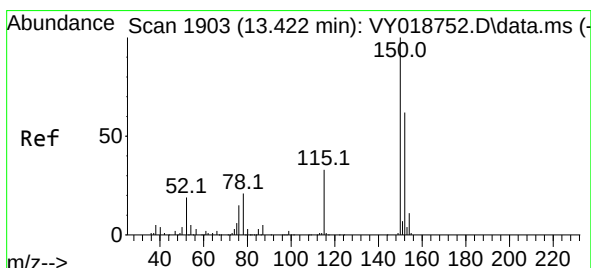
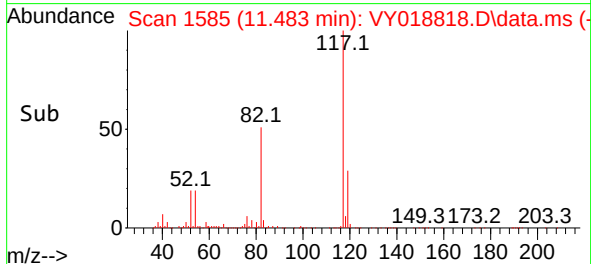
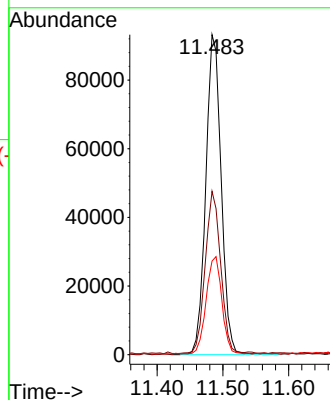
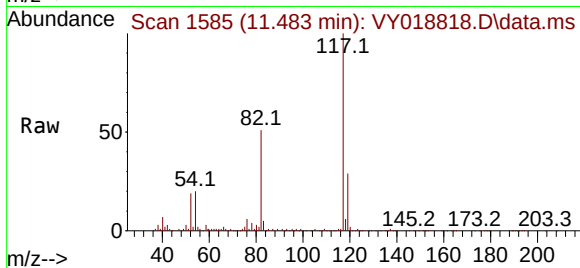
Tgt Ion:117 Resp: 152326

Ion Ratio Lower Upper

117 100

82 50.7 42.4 63.6

119 29.1 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: VY018818.D

Acq: 15 Jul 2024 17:25

Tgt Ion:152 Resp: 65804

Ion Ratio Lower Upper

152 100

115 55.7 28.2 84.7

150 152.7 0.0 345.6

