

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
 Data File : VY015533.D
 Acq On : 14 Sep 2023 15:04
 Operator : SY/MD
 Sample : 04351-01
 Misc : 4.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CPT101-02-(2-2.5)

Quant Time: Sep 15 04:00:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	301276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	510102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	460670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	201877	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	191011	59.143	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.280%
35) Dibromofluoromethane	7.716	113	163672	55.707	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.420%
50) Toluene-d8	10.179	98	599217	56.318	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.640%
62) 4-Bromofluorobenzene	12.477	95	198195	50.177	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.360%

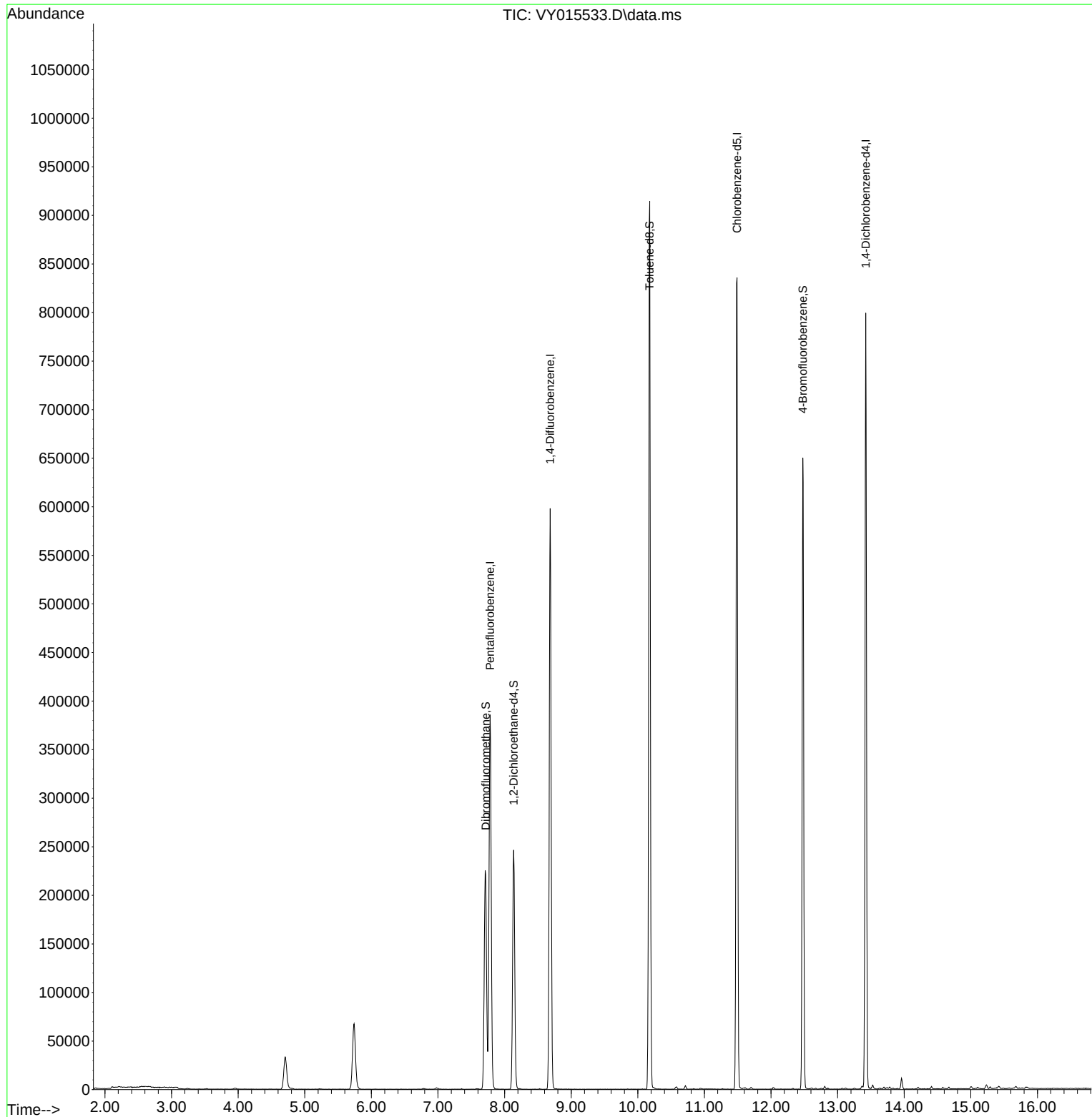
Target Compounds	Qvalue

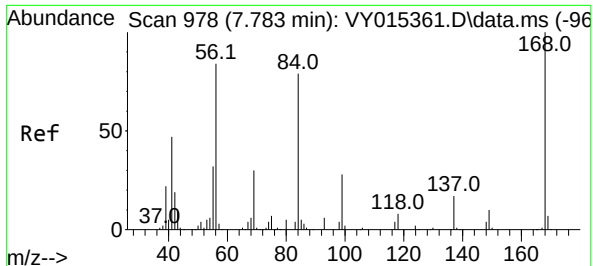
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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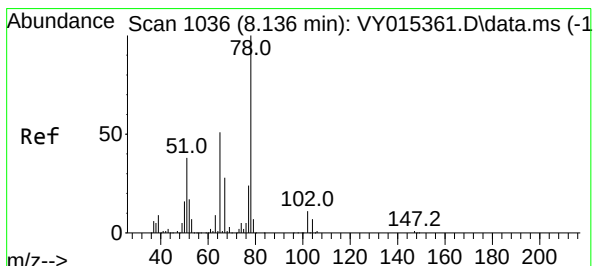
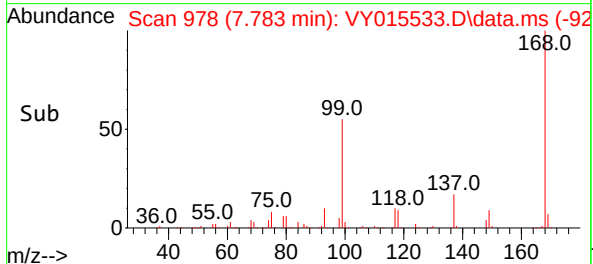
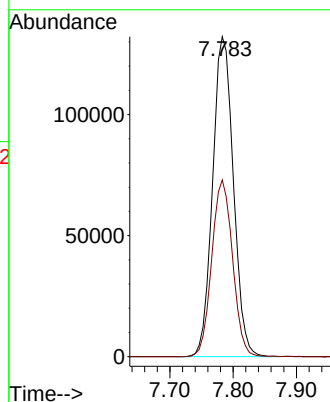
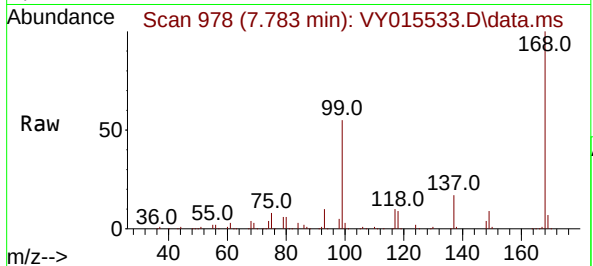




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015533.D
Acq: 14 Sep 2023 15:04

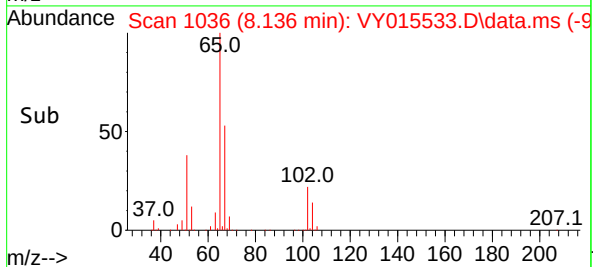
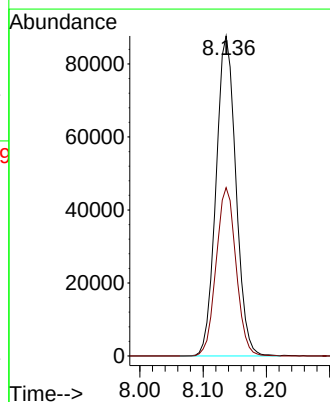
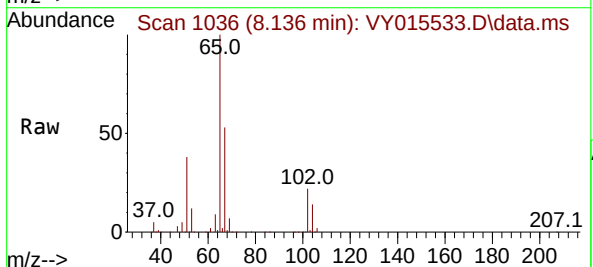
Instrument :
MSVOA_Y
ClientSampleId :
CPT101-02-(2-2.5)

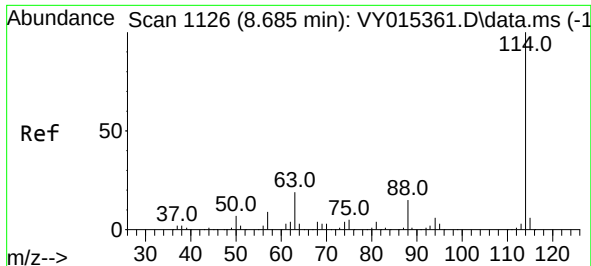
Tgt Ion:168 Resp: 301276
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 59.143 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015533.D
Acq: 14 Sep 2023 15:04

Tgt Ion: 65 Resp: 191011
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015533.D

Acq: 14 Sep 2023 15:04

Instrument :

MSVOA_Y

ClientSampleId :

CPT101-02-(2-2.5)

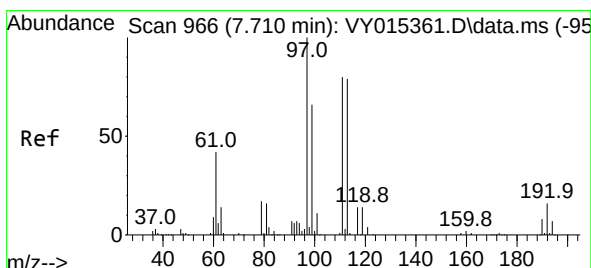
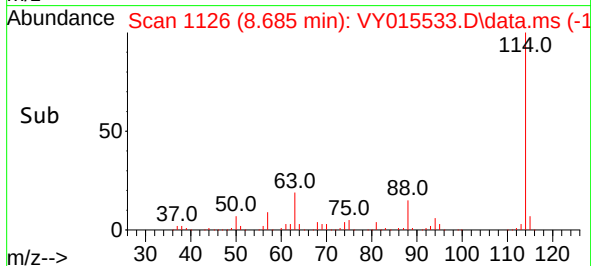
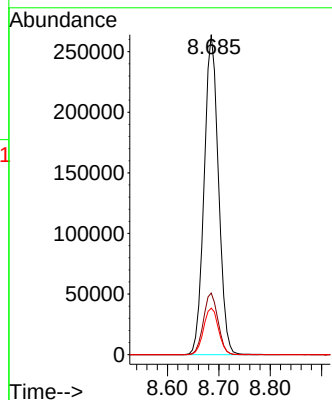
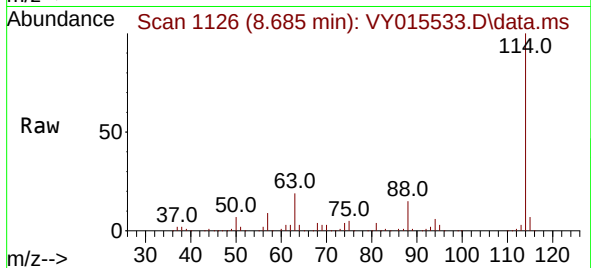
Tgt Ion:114 Resp: 510102

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.707 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015533.D

Acq: 14 Sep 2023 15:04

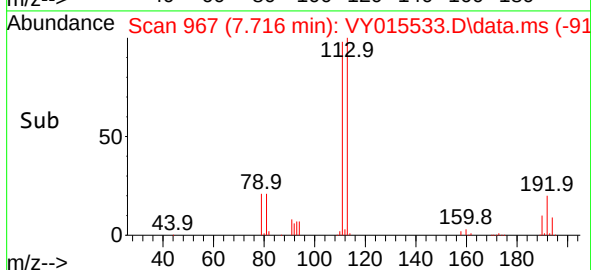
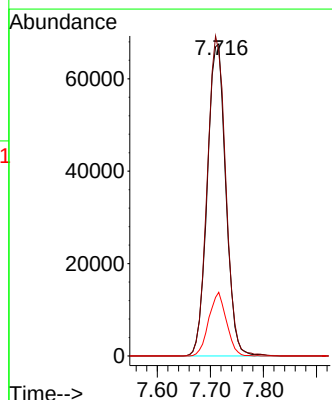
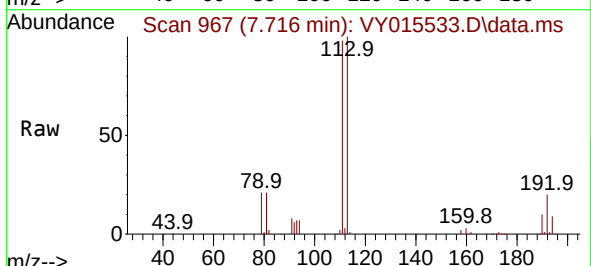
Tgt Ion:113 Resp: 163672

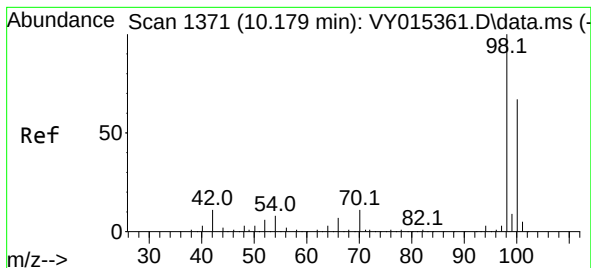
Ion Ratio Lower Upper

113 100

111 102.4 81.3 121.9

192 19.5 16.9 25.3





#50

Toluene-d8

Concen: 56.318 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015533.D

Acq: 14 Sep 2023 15:04

Instrument :

MSVOA_Y

ClientSampleId :

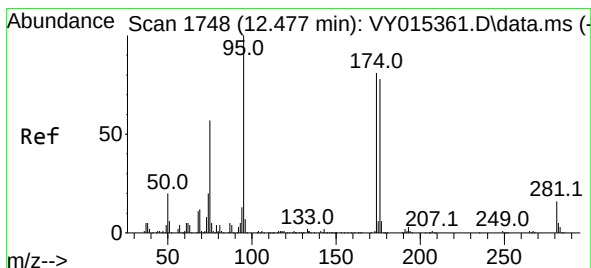
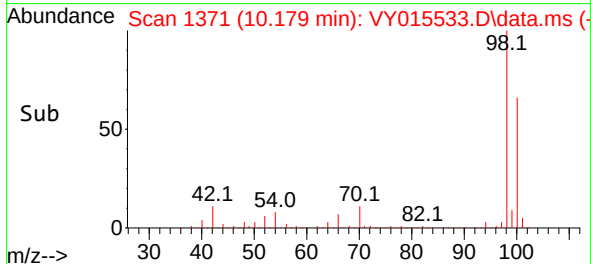
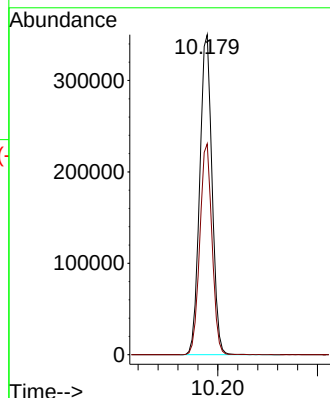
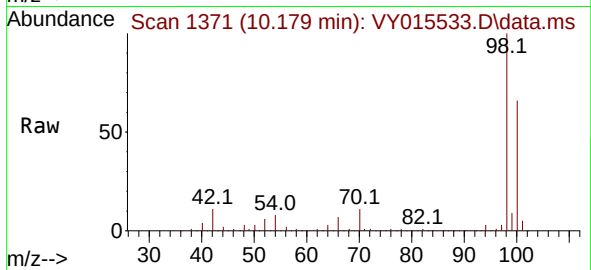
CPT101-02-(2-2.5)

Tgt Ion: 98 Resp: 599217

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 50.177 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY015533.D

Acq: 14 Sep 2023 15:04

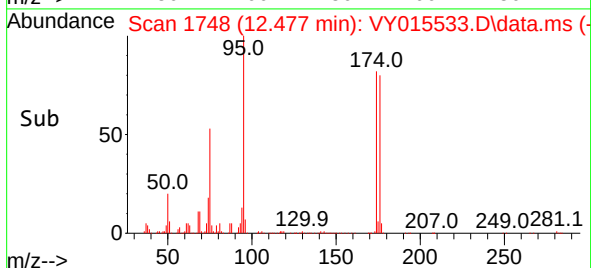
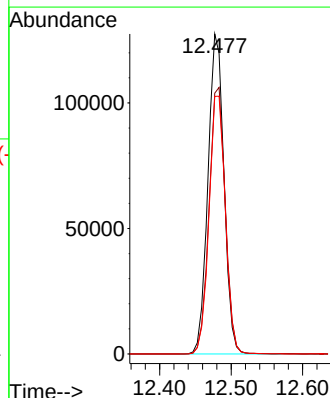
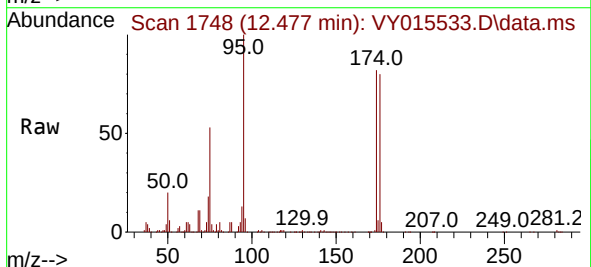
Tgt Ion: 95 Resp: 198195

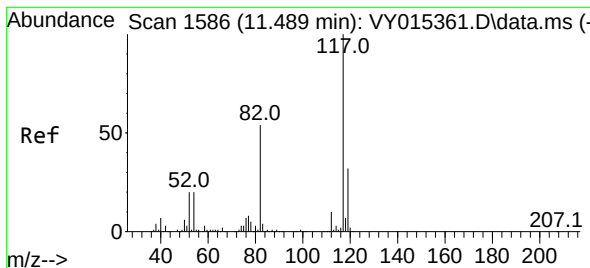
Ion Ratio Lower Upper

95 100

174 84.9 0.0 178.2

176 82.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015533.D

Acq: 14 Sep 2023 15:04

Instrument :

MSVOA_Y

ClientSampleId :

CPT101-02-(2-2.5)

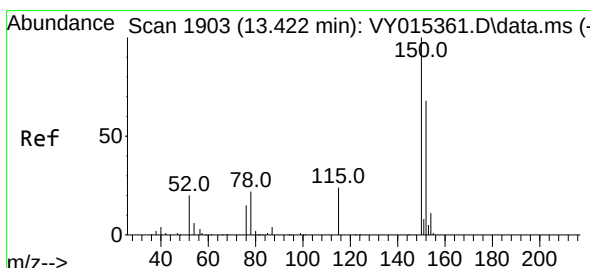
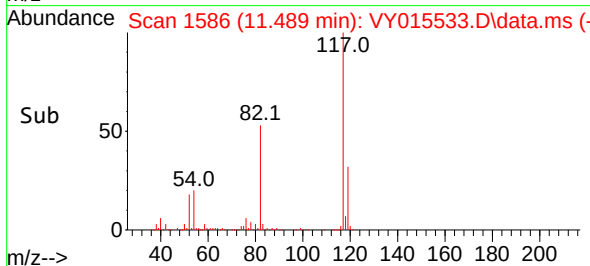
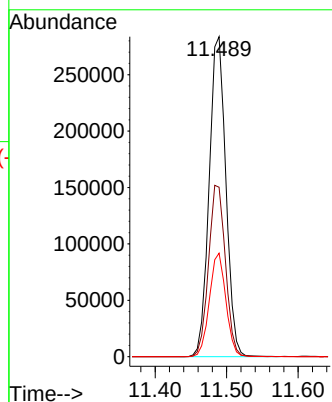
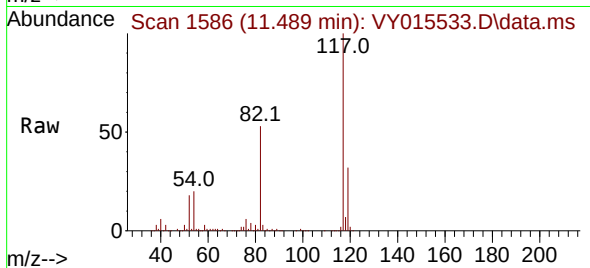
Tgt Ion:117 Resp: 460670

Ion Ratio Lower Upper

117 100

82 53.0 43.4 65.0

119 32.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015533.D

Acq: 14 Sep 2023 15:04

Tgt Ion:152 Resp: 201877

Ion Ratio Lower Upper

152 100

115 57.3 28.8 86.5

150 157.3 0.0 348.8

