

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
 Data File : VY015534.D
 Acq On : 14 Sep 2023 15:28
 Operator : SY/MD
 Sample : 04351-03
 Misc : 5.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CPT101-01-(4-4.5)

Quant Time: Sep 15 04:01:11 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	7.789	168	292315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	496468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	455817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	208832	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	184604	58.912	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.820%
35) Dibromofluoromethane	7.716	113	156186	54.619	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.240%
50) Toluene-d8	10.179	98	584955	56.487	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.980%
62) 4-Bromofluorobenzene	12.477	95	199431	51.877	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.760%

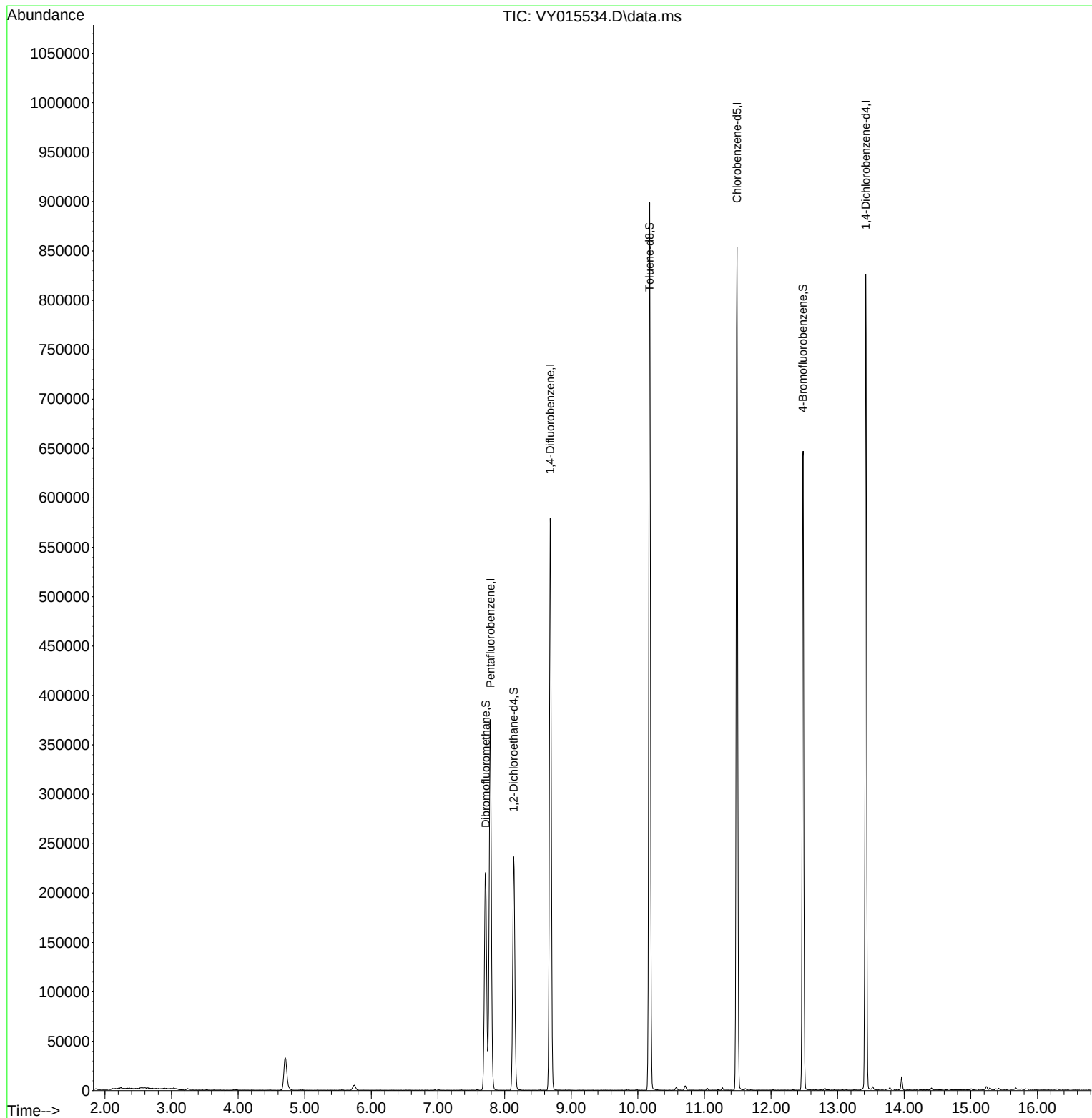
Target Compounds	Qvalue

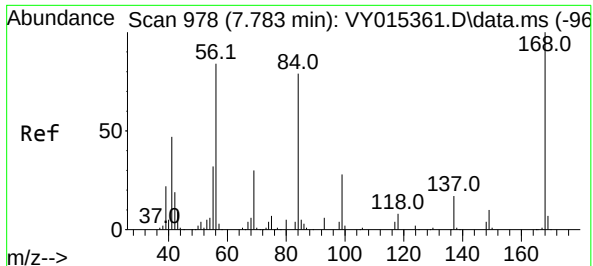
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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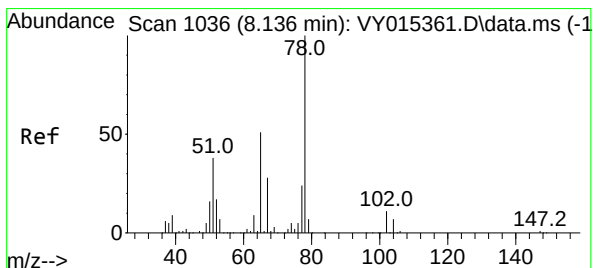
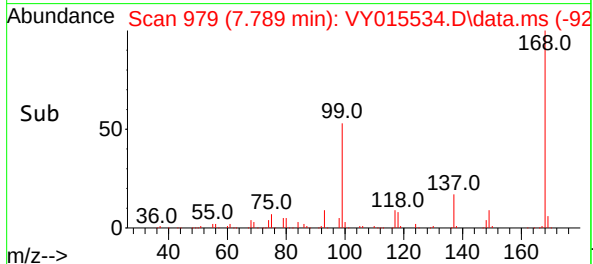
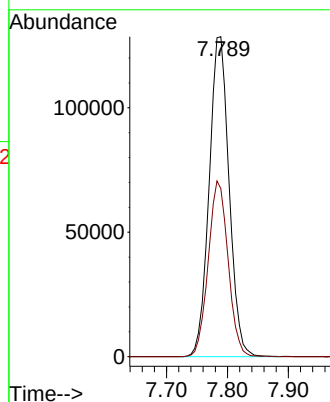
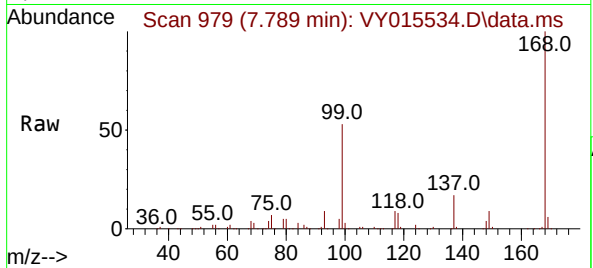




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015534.D
Acq: 14 Sep 2023 15:28

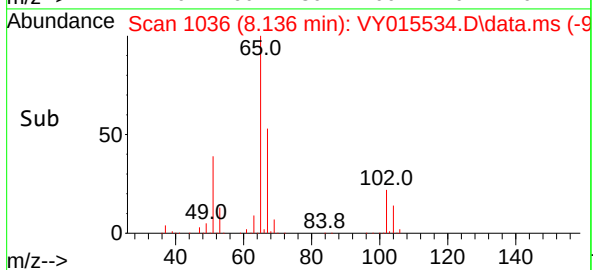
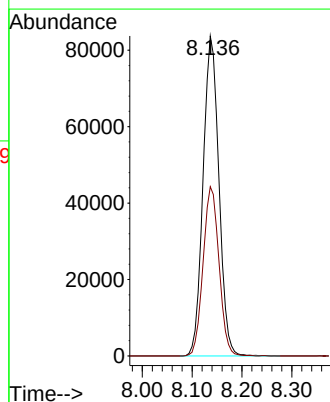
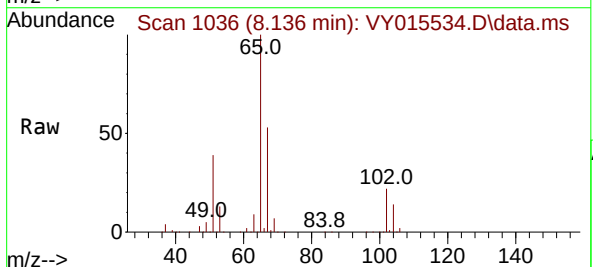
Instrument :
MSVOA_Y
ClientSampleId :
CPT101-01-(4-4.5)

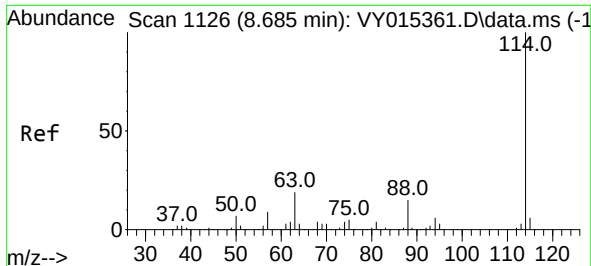
Tgt Ion:168 Resp: 292315
Ion Ratio Lower Upper
168 100
99 52.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 58.912 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015534.D
Acq: 14 Sep 2023 15:28

Tgt Ion: 65 Resp: 184604
Ion Ratio Lower Upper
65 100
67 53.1 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: VY015534.D

Acq: 14 Sep 2023 15:28

Instrument :

MSVOA_Y

ClientSampleId :

CPT101-01-(4-4.5)

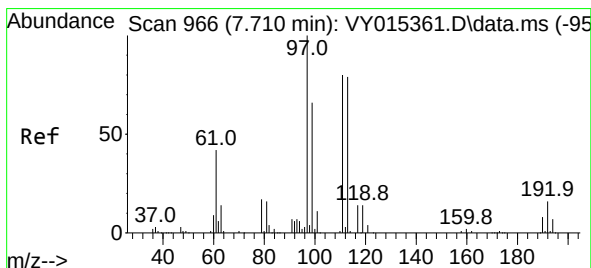
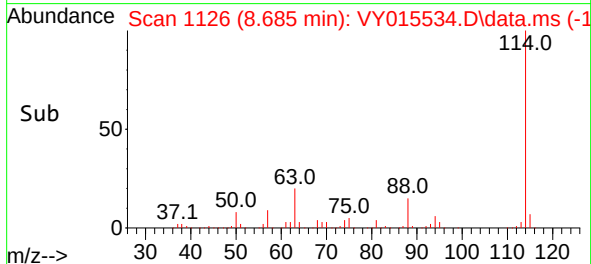
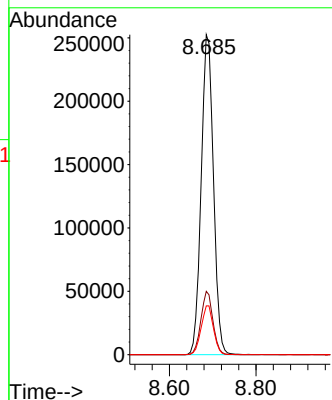
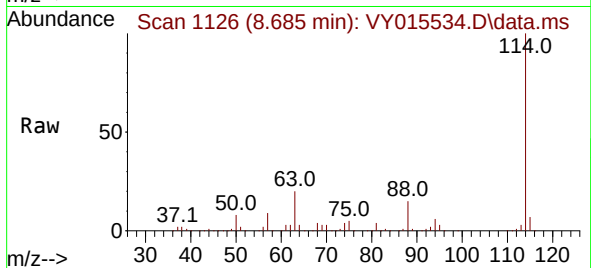
Tgt Ion:114 Resp: 496468

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.619 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015534.D

Acq: 14 Sep 2023 15:28

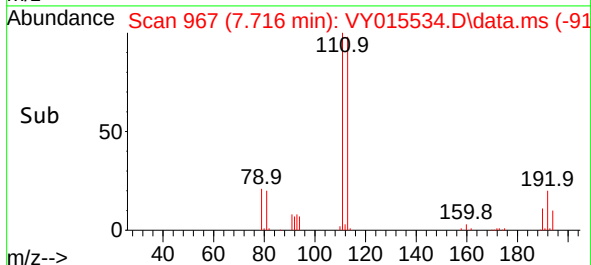
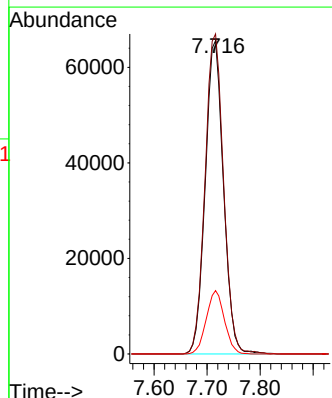
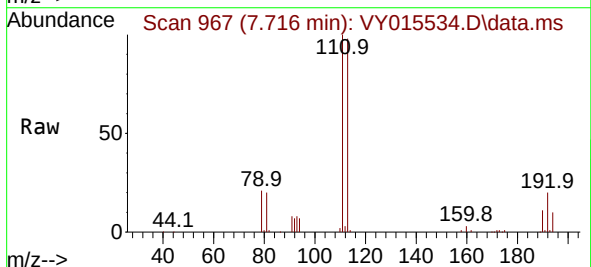
Tgt Ion:113 Resp: 156186

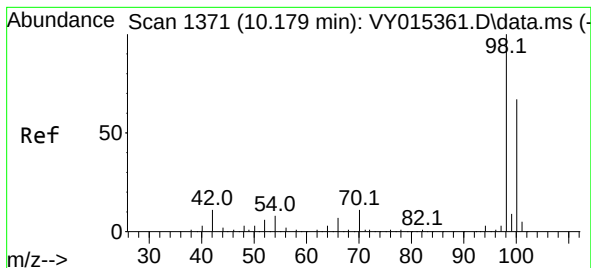
Ion Ratio Lower Upper

113 100

111 103.9 81.3 121.9

192 20.1 16.9 25.3





#50

Toluene-d8

Concen: 56.487 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015534.D

Acq: 14 Sep 2023 15:28

Instrument :

MSVOA_Y

ClientSampleId :

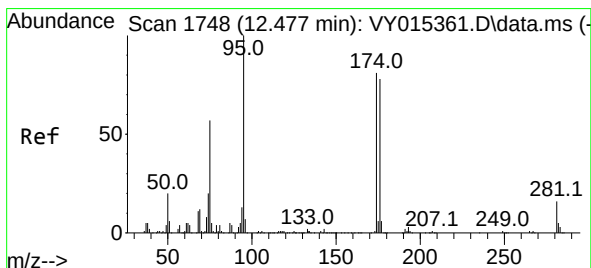
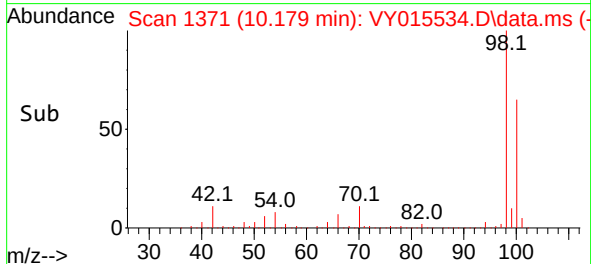
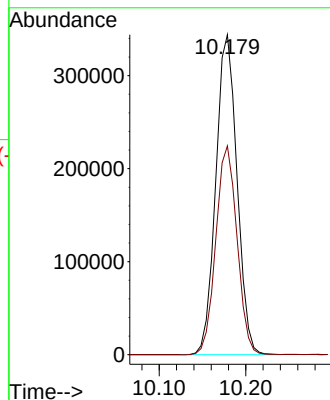
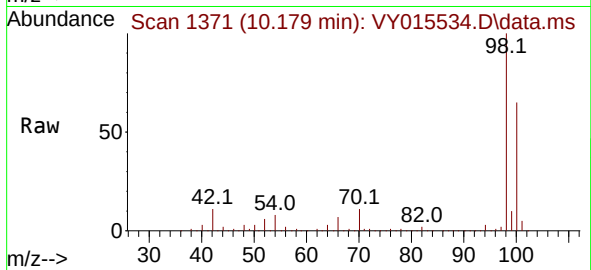
CPT101-01-(4-4.5)

Tgt Ion: 98 Resp: 584955

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 51.877 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY015534.D

Acq: 14 Sep 2023 15:28

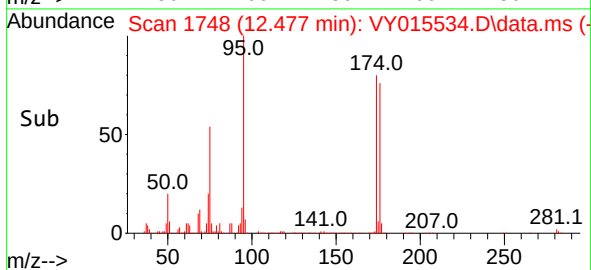
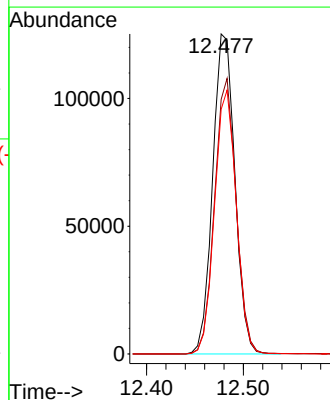
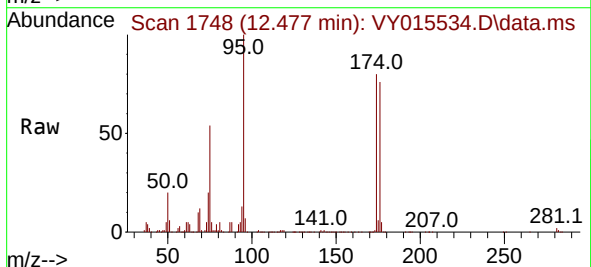
Tgt Ion: 95 Resp: 199431

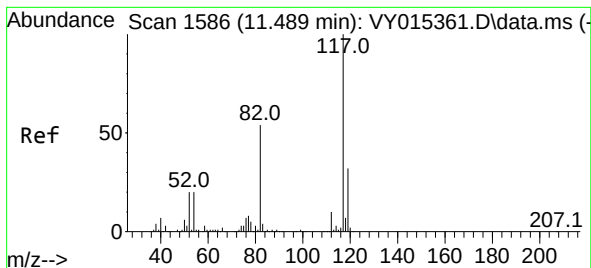
Ion Ratio Lower Upper

95 100

174 84.1 0.0 178.2

176 81.0 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: VY015534.D

Acq: 14 Sep 2023 15:28

Instrument :

MSVOA_Y

ClientSampleId :

CPT101-01-(4-4.5)

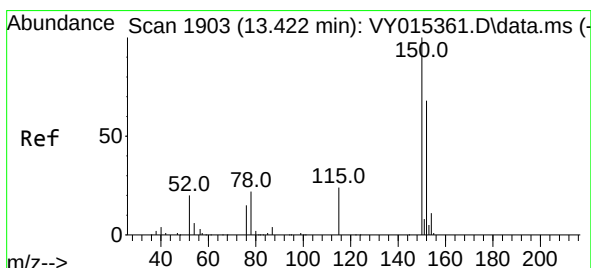
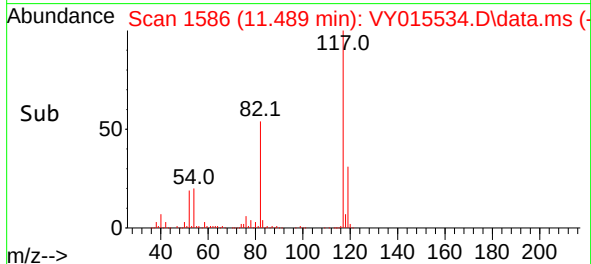
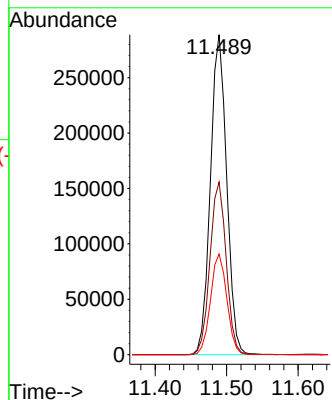
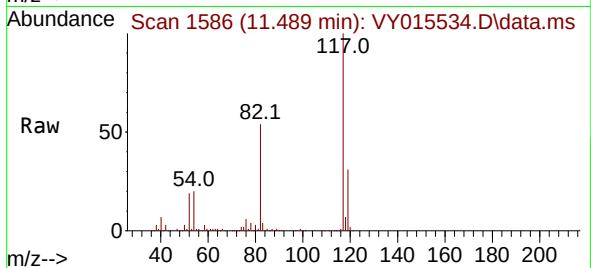
Tgt Ion:117 Resp: 455817

Ion Ratio Lower Upper

117 100

82 54.0 43.4 65.0

119 31.4 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: VY015534.D

Acq: 14 Sep 2023 15:28

Tgt Ion:152 Resp: 208832

Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 156.8 0.0 348.8

