

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
 Data File : VY015905.D
 Acq On : 10 Oct 2023 18:26
 Operator : SY/MD
 Sample : 04801-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-2-100623

Quant Time: Oct 11 01:23:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	27831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	43121	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	36410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14166	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	12654	50.531	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.060%
35) Dibromofluoromethane	7.728	113	13334	55.438	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.880%
50) Toluene-d8	10.185	98	50298	63.453	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	126.900%
62) 4-Bromofluorobenzene	12.483	95	14213	44.144	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.280%

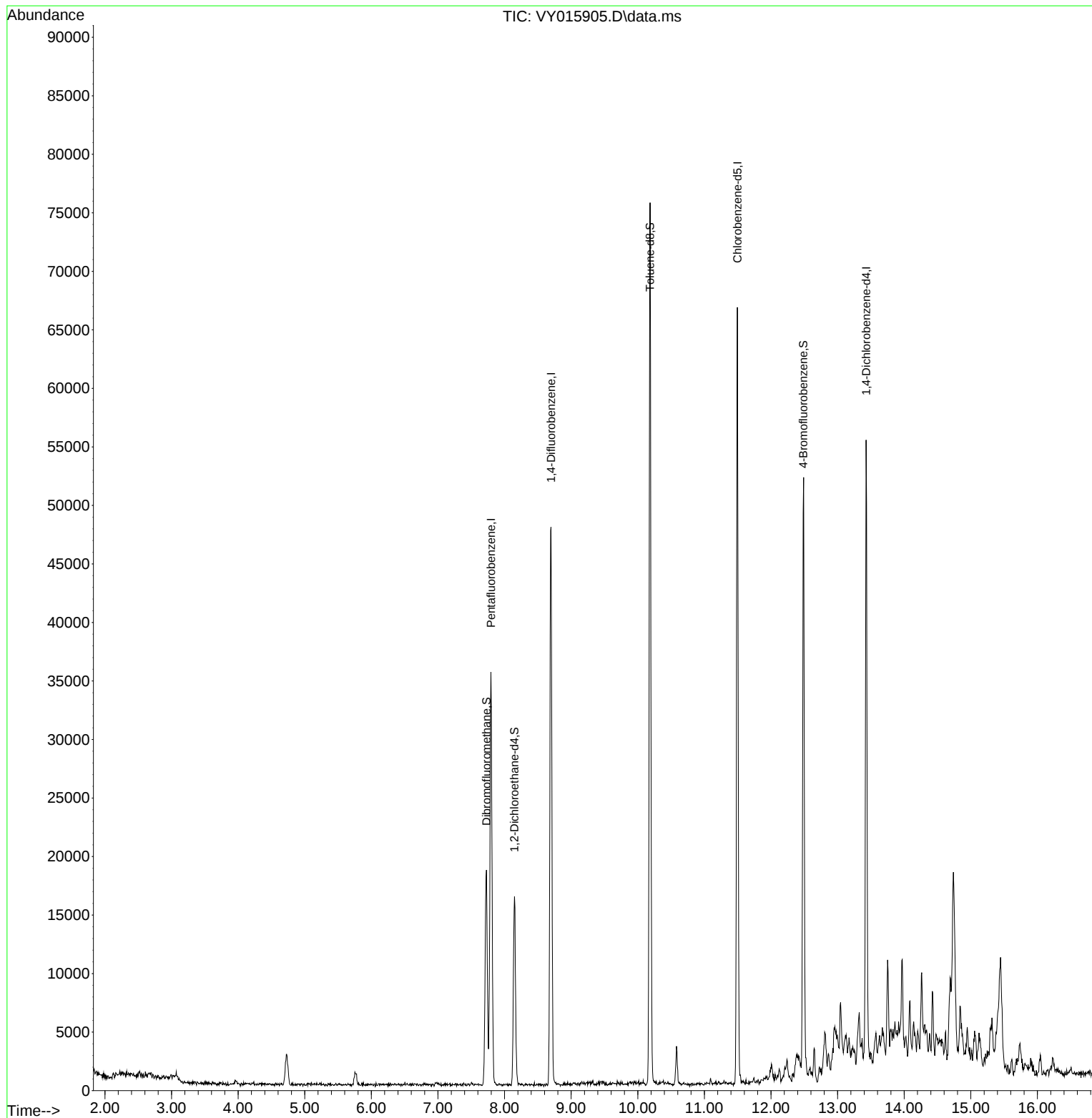
Target Compounds	Qvalue

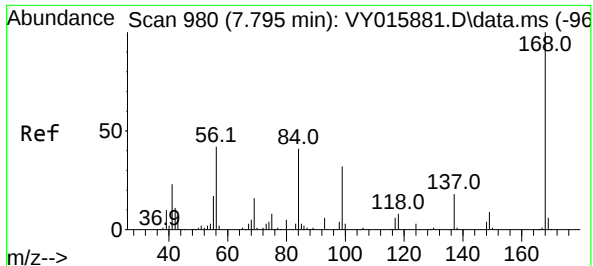
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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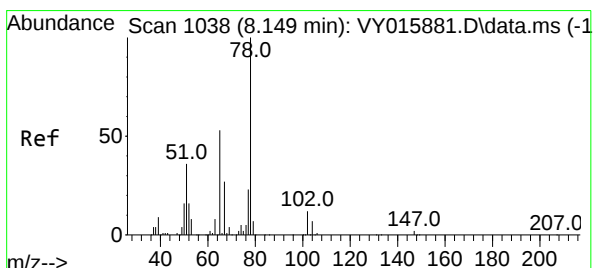
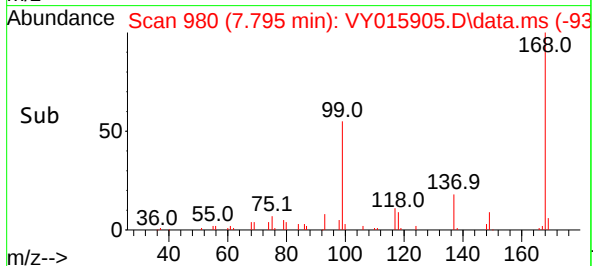
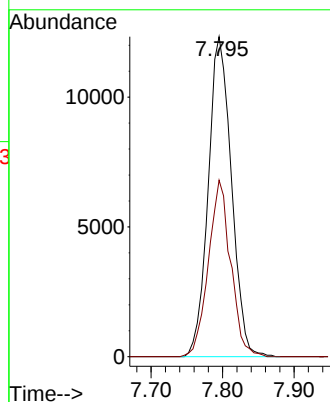
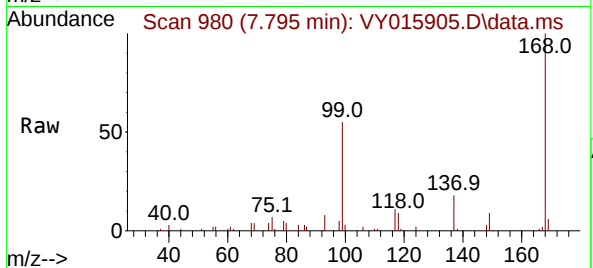




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY015905.D
Acq: 10 Oct 2023 18:26

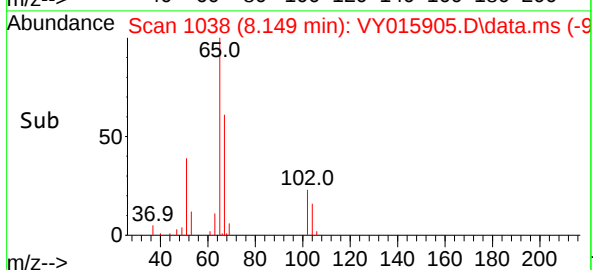
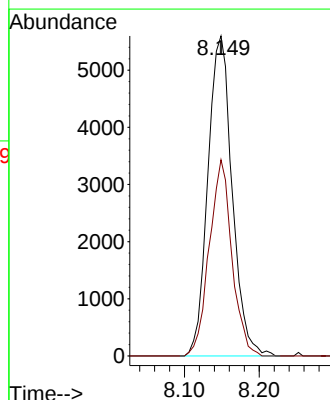
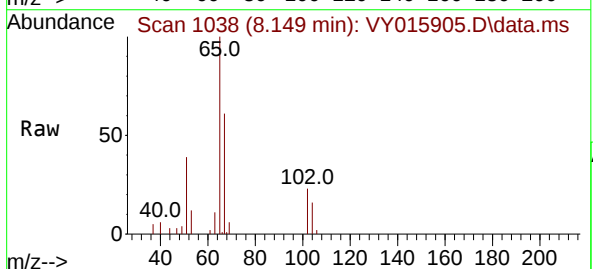
Instrument :
MSVOA_Y
ClientSampleId :
HR-2-100623

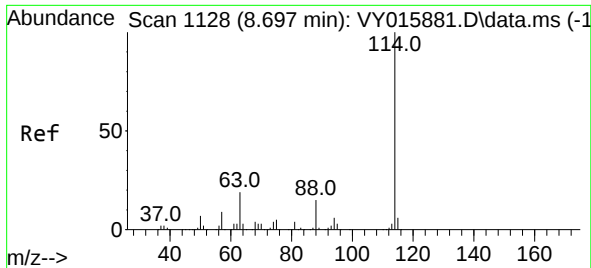
Tgt Ion:168 Resp: 27831
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 50.531 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY015905.D
Acq: 10 Oct 2023 18:26

Tgt Ion: 65 Resp: 12654
Ion Ratio Lower Upper
65 100
67 57.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY015905.D

Acq: 10 Oct 2023 18:26

Instrument :

MSVOA_Y

ClientSampleId :

HR-2-100623

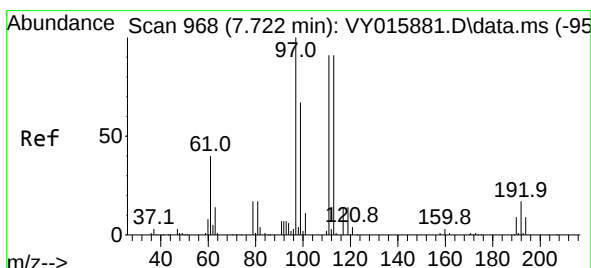
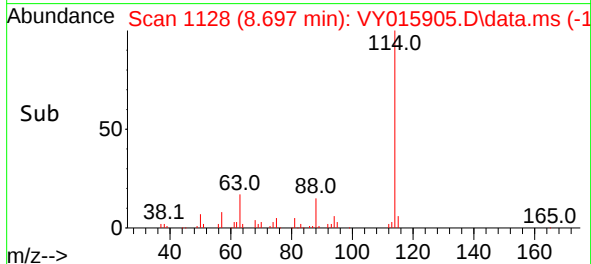
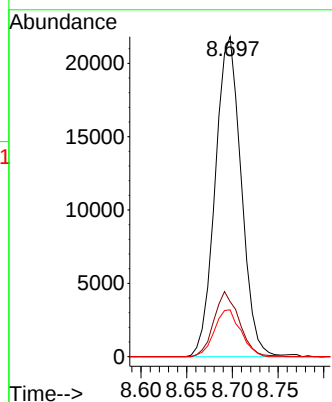
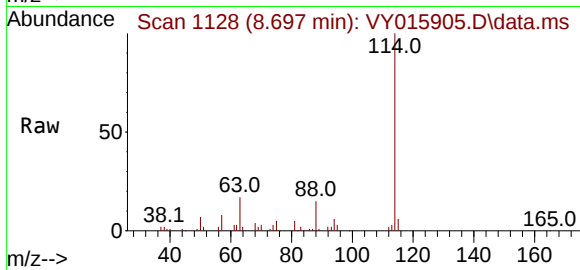
Tgt Ion:114 Resp: 43121

Ion Ratio Lower Upper

114 100

63 17.2 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.438 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY015905.D

Acq: 10 Oct 2023 18:26

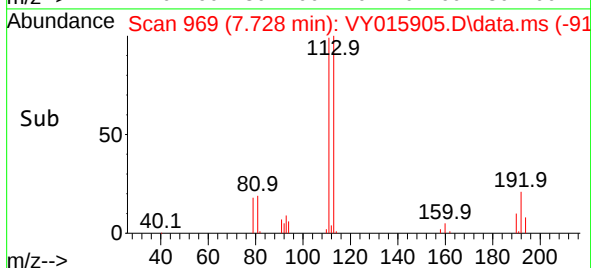
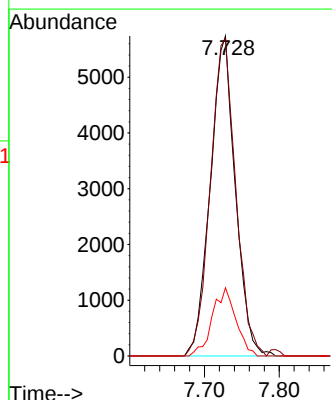
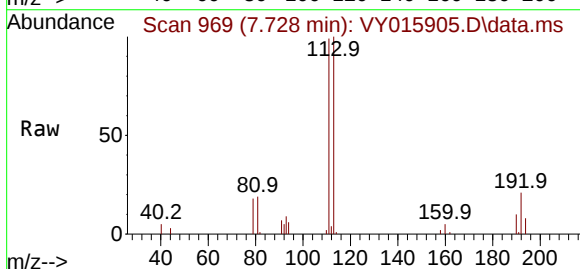
Tgt Ion:113 Resp: 13334

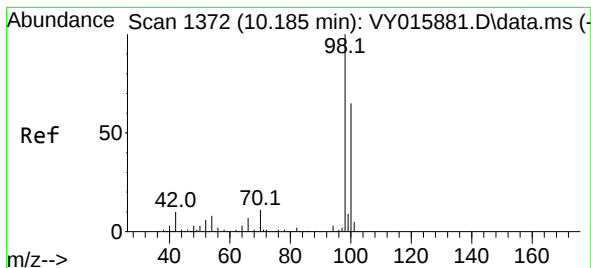
Ion Ratio Lower Upper

113 100

111 100.7 81.3 121.9

192 20.1 16.9 25.3





#50

Toluene-d8

Concen: 63.453 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY015905.D

Acq: 10 Oct 2023 18:26

Instrument :

MSVOA_Y

ClientSampleId :

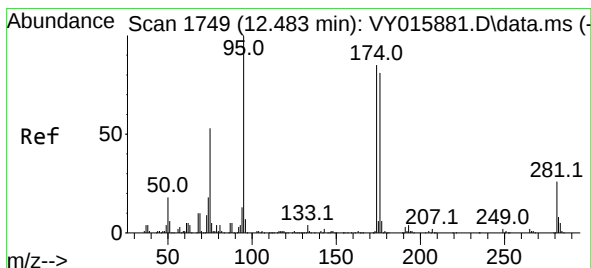
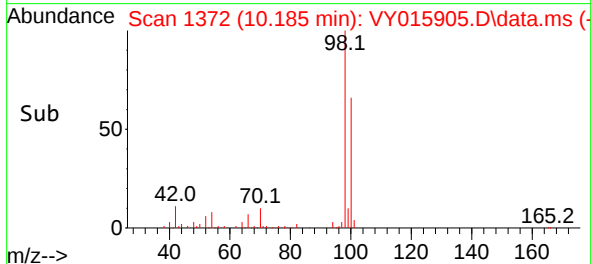
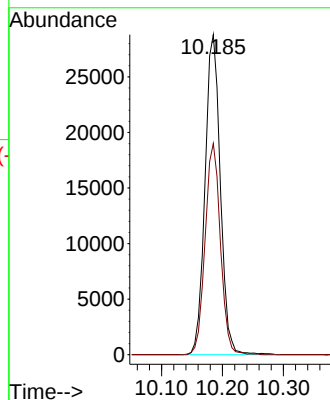
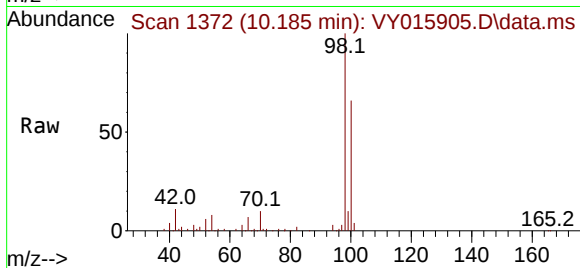
HR-2-100623

Tgt Ion: 98 Resp: 50298

Ion Ratio Lower Upper

98 100

100 65.8 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 44.144 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY015905.D

Acq: 10 Oct 2023 18:26

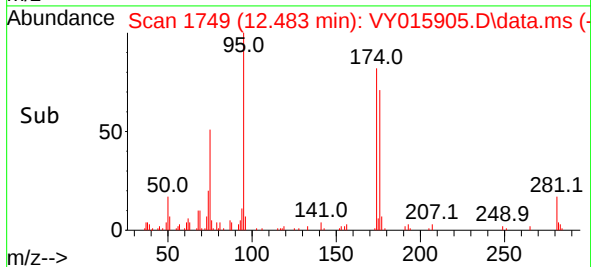
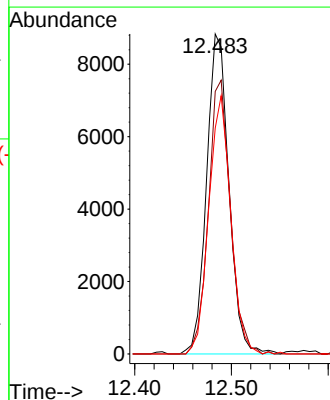
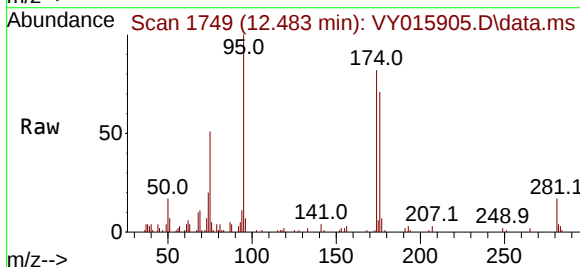
Tgt Ion: 95 Resp: 14213

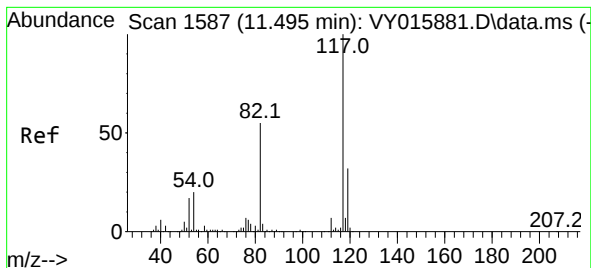
Ion Ratio Lower Upper

95 100

174 83.8 0.0 178.2

176 79.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015905.D

Acq: 10 Oct 2023 18:26

Instrument :

MSVOA_Y

ClientSampleId :

HR-2-100623

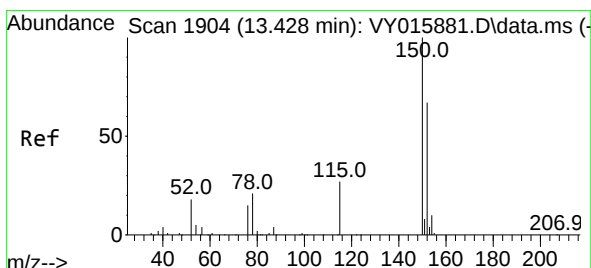
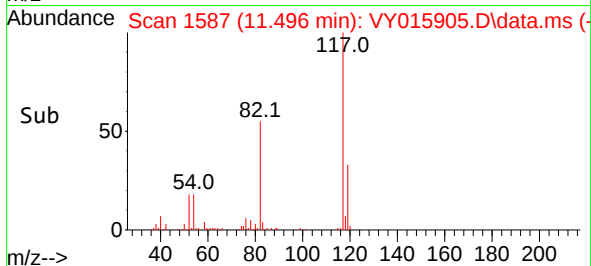
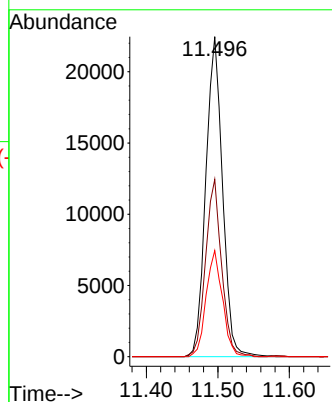
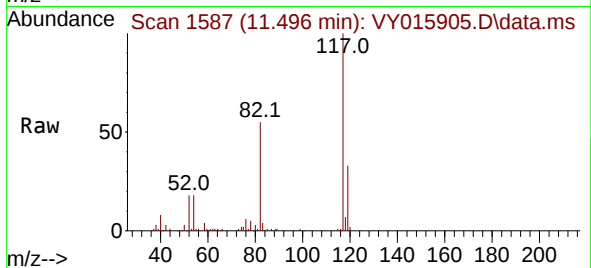
Tgt Ion:117 Resp: 36410

Ion Ratio Lower Upper

117 100

82 55.4 43.4 65.0

119 33.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY015905.D

Acq: 10 Oct 2023 18:26

Tgt Ion:152 Resp: 14166

Ion Ratio Lower Upper

152 100

115 59.2 28.8 86.5

150 154.2 0.0 348.8

