

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
 Data File : VY014561.D
 Acq On : 05 Jul 2023 16:20
 Operator : KP/MD
 Sample : 03492-01
 Misc : 4.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TB-TP1

Quant Time: Jul 06 01:34:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	226732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	364118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	352914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	161513	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	140879	62.460	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.920%
35) Dibromofluoromethane	7.710	113	122492	54.629	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.260%
50) Toluene-d8	10.173	98	443136	49.993	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.980%
62) 4-Bromofluorobenzene	12.477	95	144986	47.105	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.220%

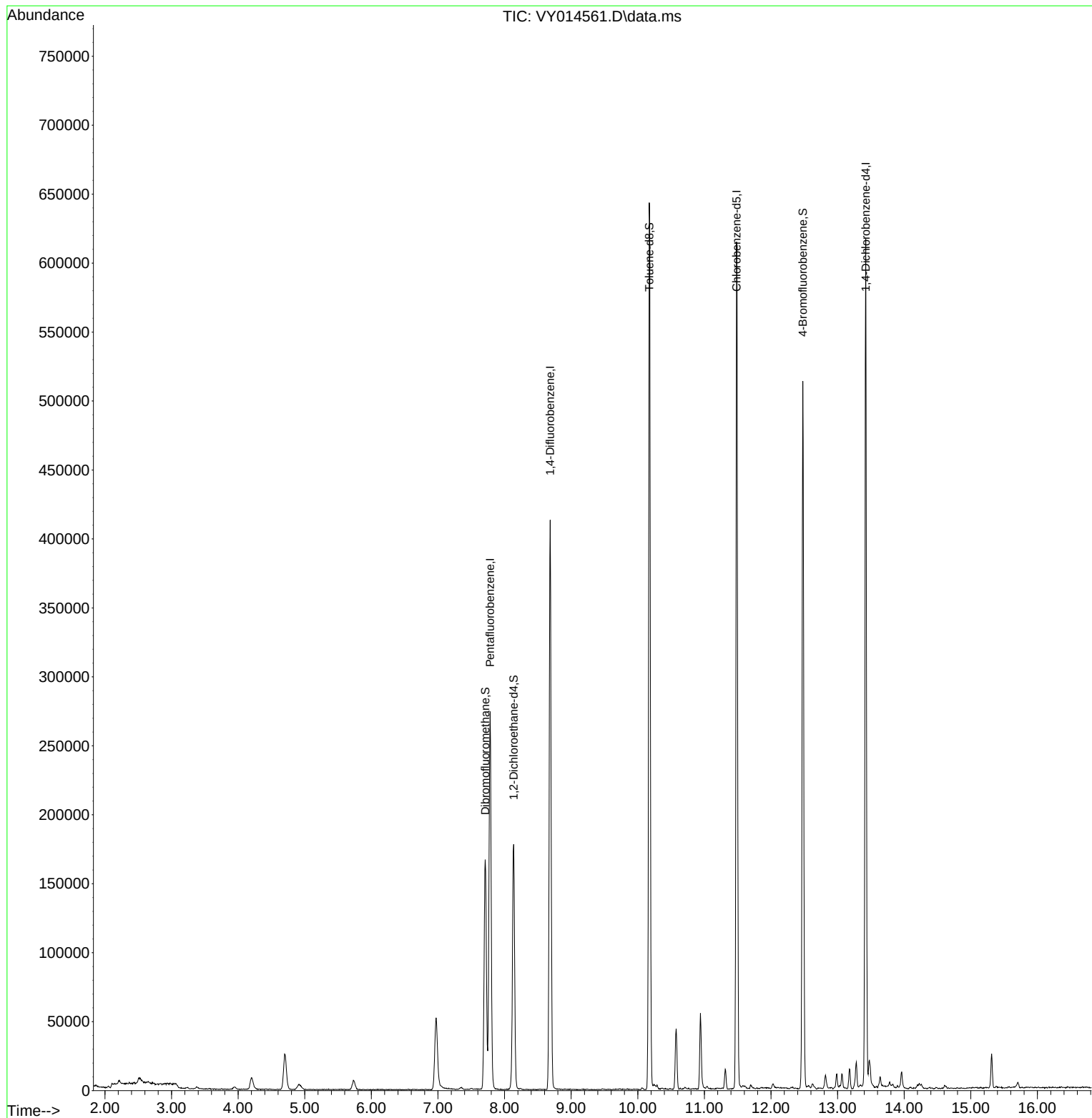
Target Compounds	Qvalue

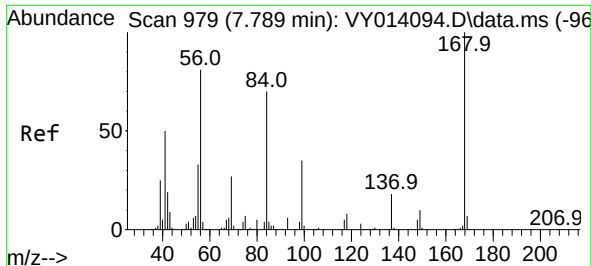
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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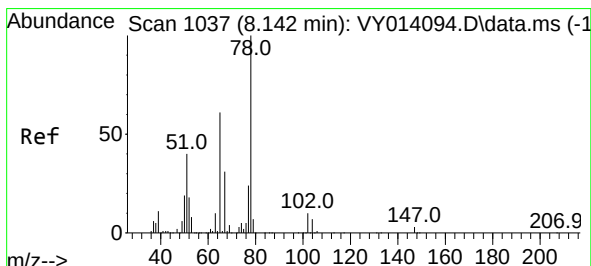
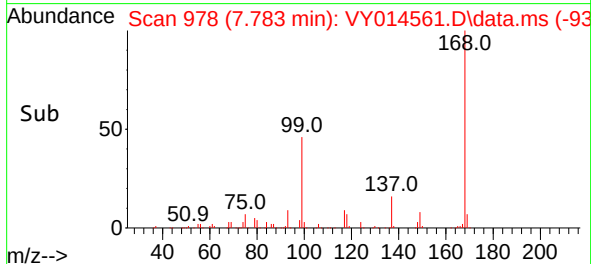
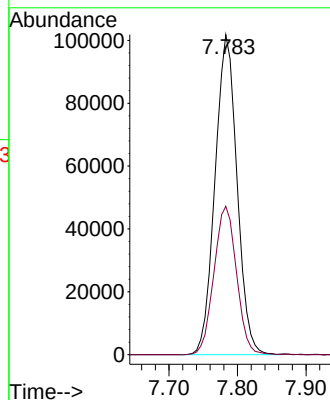
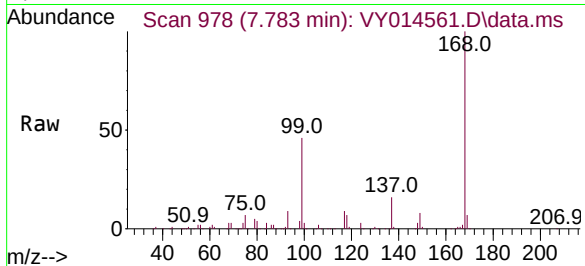




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014561.D
Acq: 05 Jul 2023 16:20

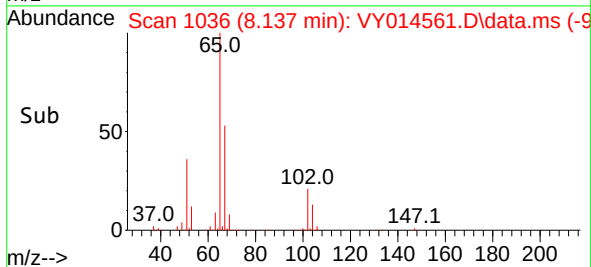
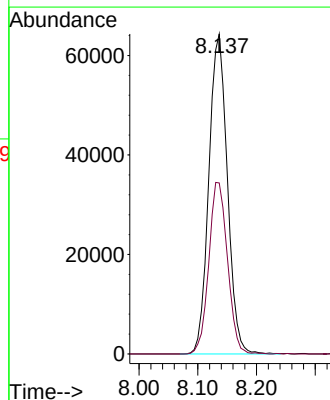
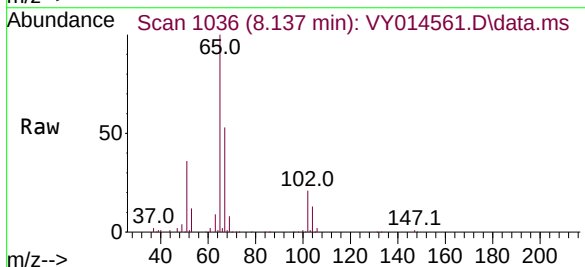
Instrument :
MSVOA_Y
ClientSampleId :
TB-TP1

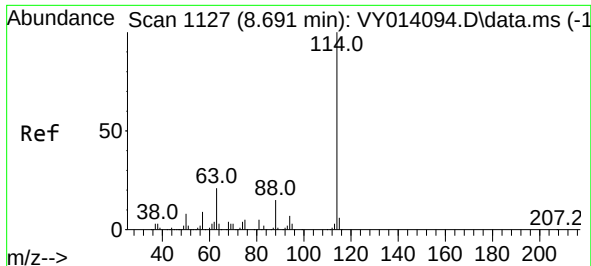
Tgt Ion:168 Resp: 226732
Ion Ratio Lower Upper
168 100
99 46.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 62.460 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY014561.D
Acq: 05 Jul 2023 16:20

Tgt Ion: 65 Resp: 140879
Ion Ratio Lower Upper
65 100
67 54.1 0.0 101.8

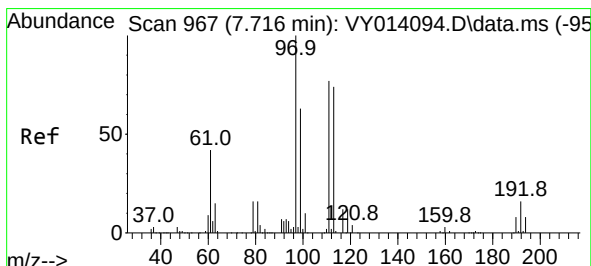
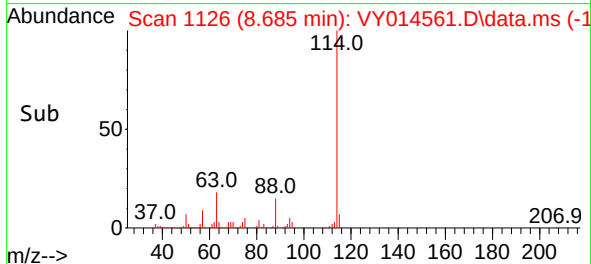
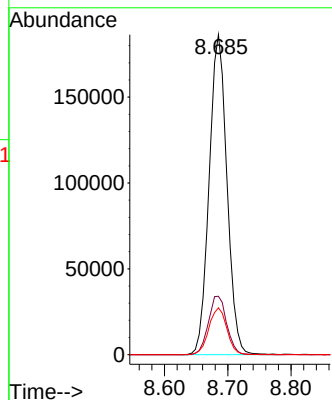
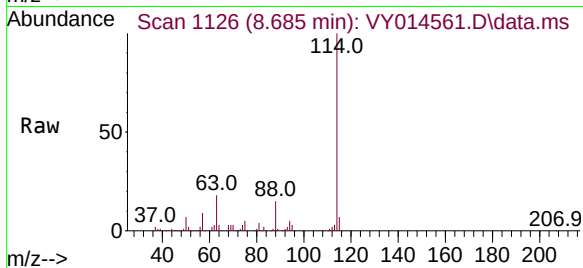




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014561.D
Acq: 05 Jul 2023 16:20

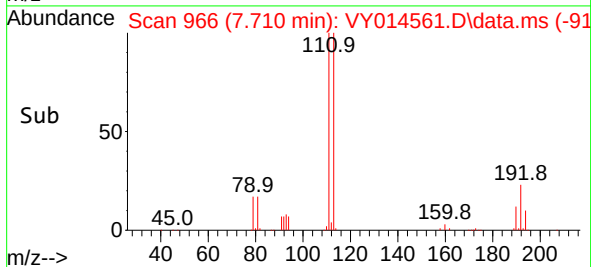
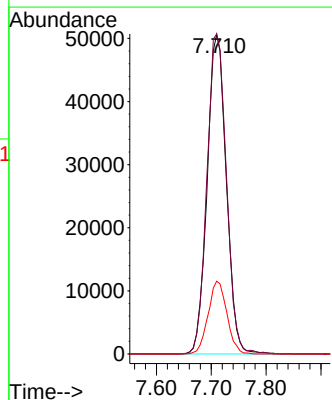
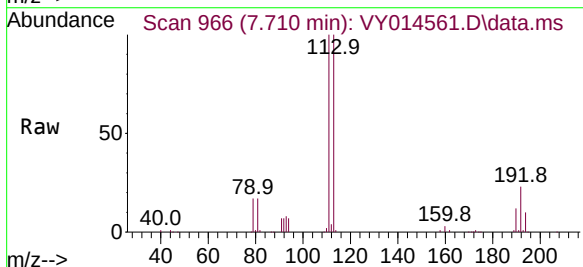
Instrument :
MSVOA_Y
ClientSampleId :
TB-TP1

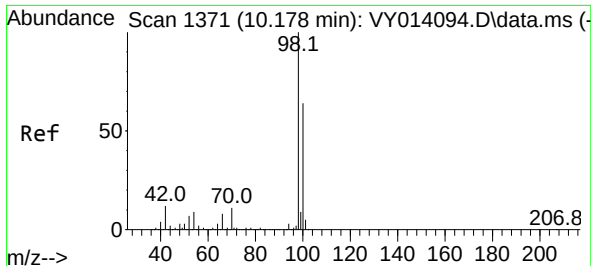
Tgt Ion:114 Resp: 364118
Ion Ratio Lower Upper
114 100
63 18.3 0.0 42.4
88 14.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.629 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014561.D
Acq: 05 Jul 2023 16:20

Tgt Ion:113 Resp: 122492
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 22.3 16.9 25.3

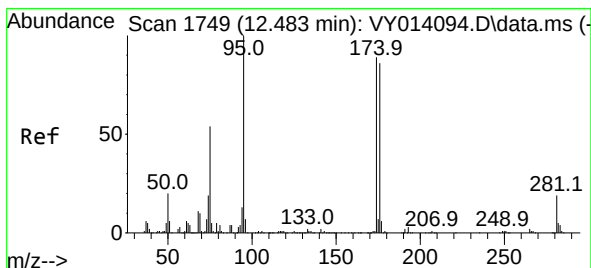
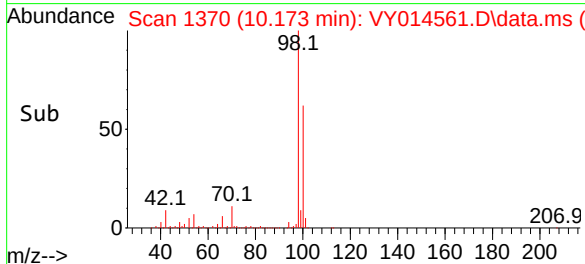
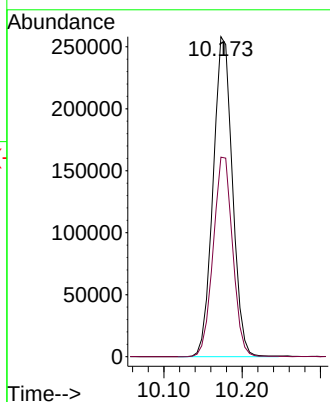
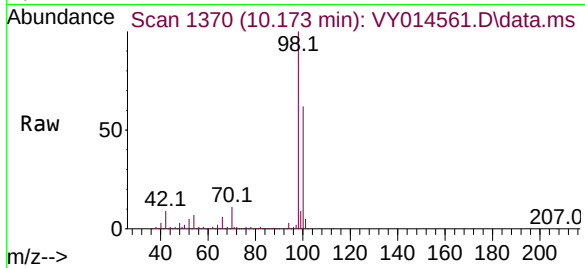




#50
Toluene-d8
Concen: 49.993 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014561.D
Acq: 05 Jul 2023 16:20

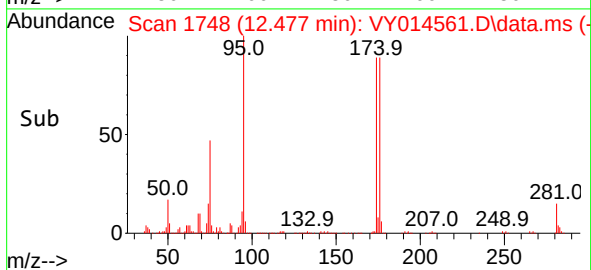
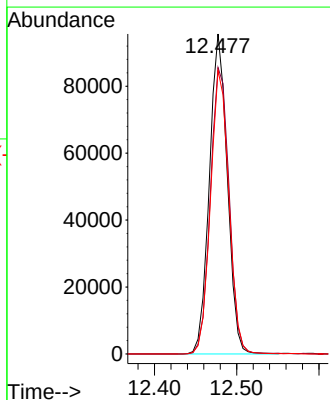
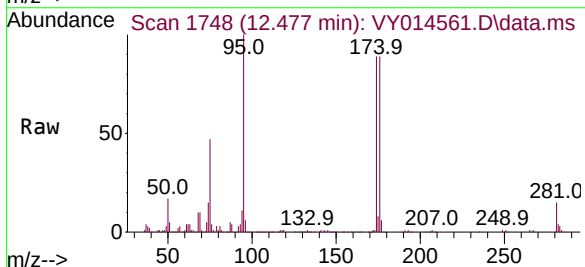
Instrument :
MSVOA_Y
ClientSampleId :
TB-TP1

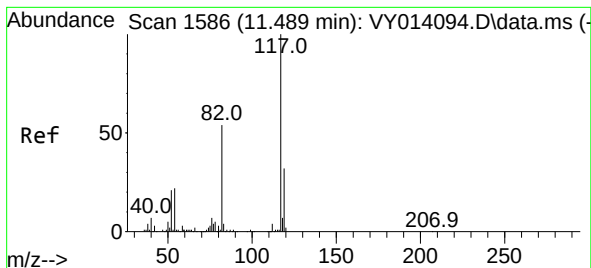
Tgt Ion: 98 Resp: 443136
Ion Ratio Lower Upper
98 100
100 62.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.105 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014561.D
Acq: 05 Jul 2023 16:20

Tgt Ion: 95 Resp: 144986
Ion Ratio Lower Upper
95 100
174 93.8 0.0 178.2
176 90.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014561.D

Acq: 05 Jul 2023 16:20

Instrument :

MSVOA_Y

ClientSampleId :

TB-TP1

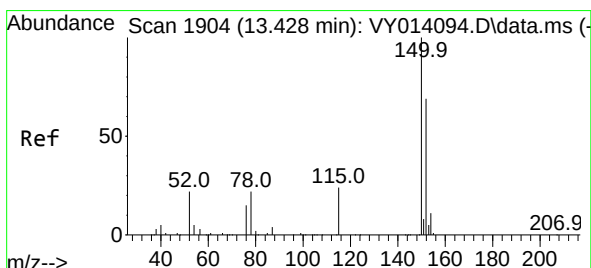
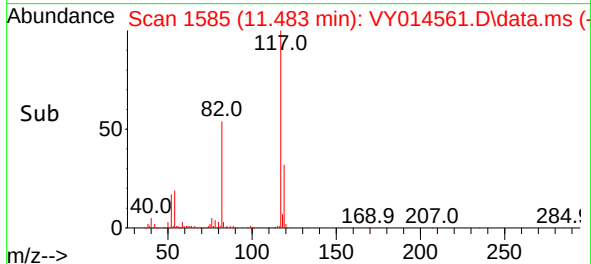
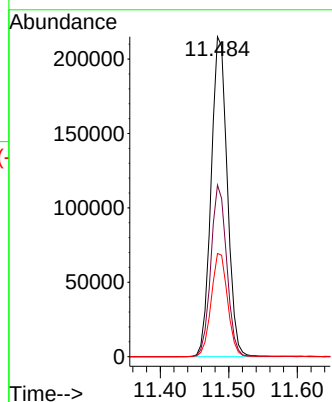
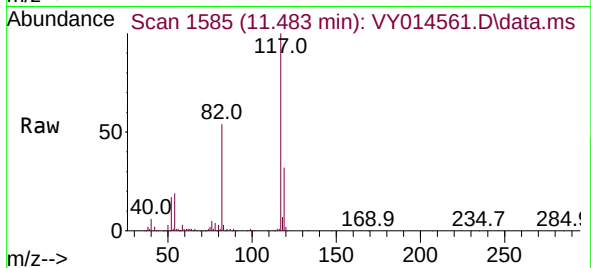
Tgt Ion:117 Resp: 352914

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

119 32.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014561.D

Acq: 05 Jul 2023 16:20

Tgt Ion:152 Resp: 161513

Ion Ratio Lower Upper

152 100

115 54.4 28.8 86.5

150 158.4 0.0 348.8

