

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111022\
 Data File : VY011393.D
 Acq On : 10 Nov 2022 16:16
 Operator : KP/MD
 Sample : N5531-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP03

Quant Time: Nov 10 22:17:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	280563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	472553	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	422002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	191445	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	176604	75.118	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.240%
35) Dibromofluoromethane	7.716	113	180257	68.065	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	136.140%
50) Toluene-d8	10.179	98	691839	68.382	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	136.760%
62) 4-Bromofluorobenzene	12.477	95	219584	62.226	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	124.460%

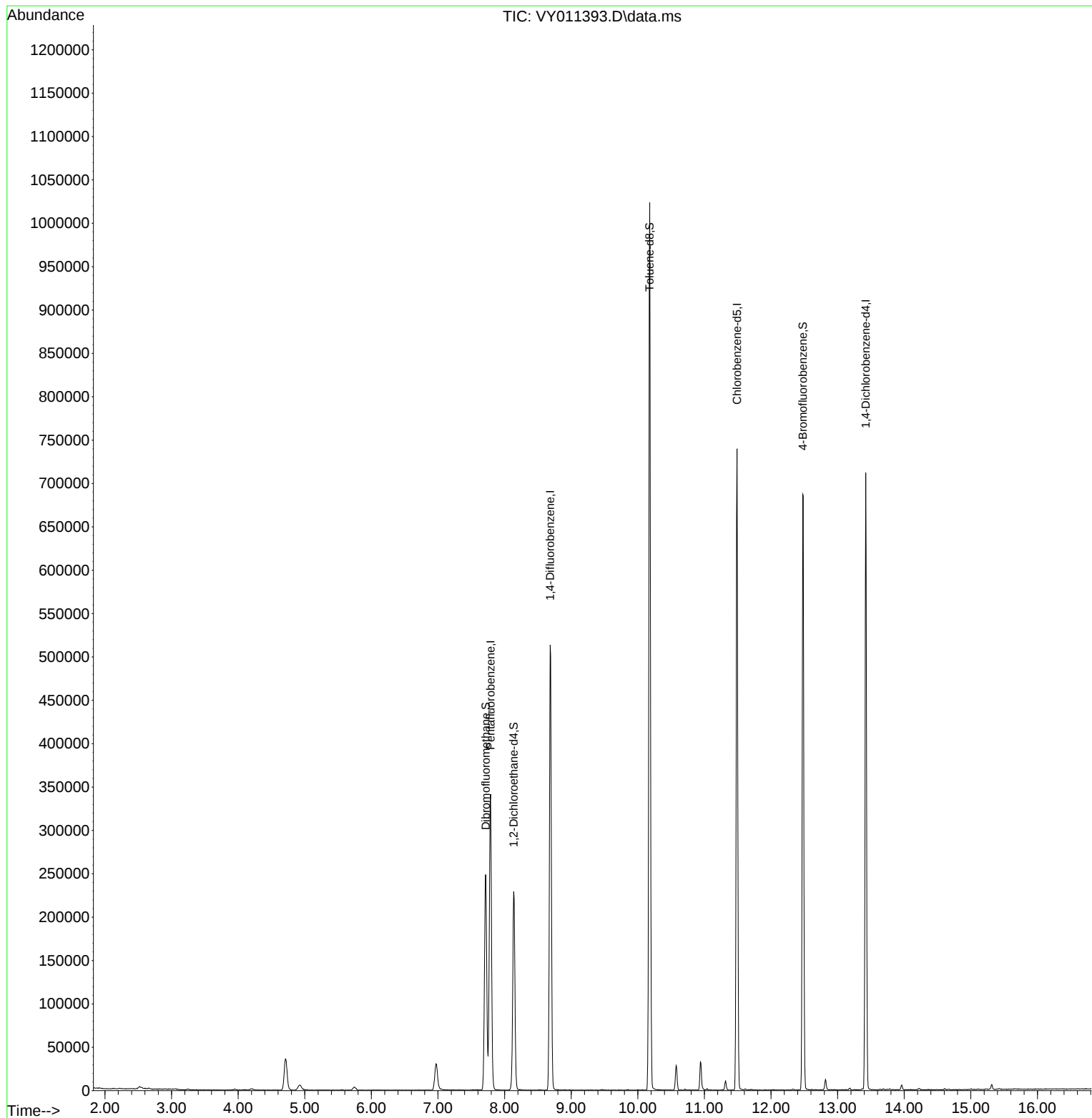
Target Compounds	Qvalue

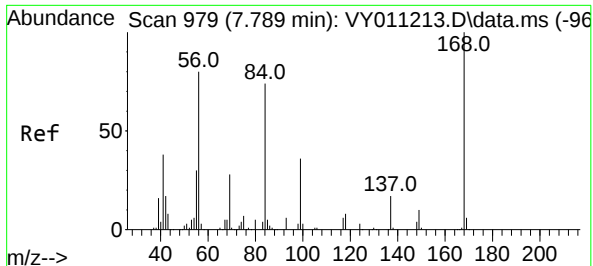
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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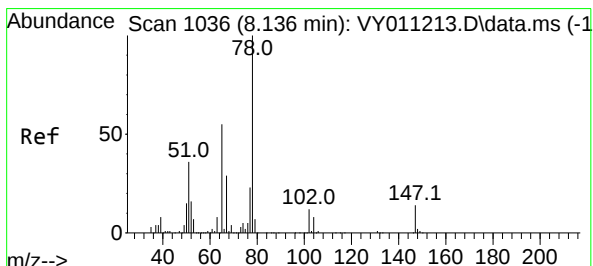
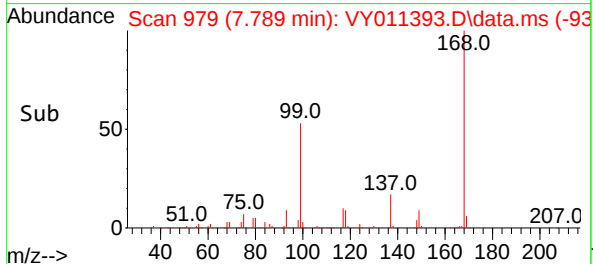
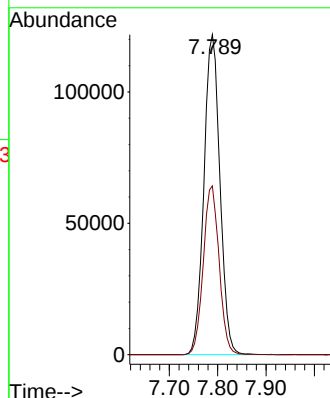
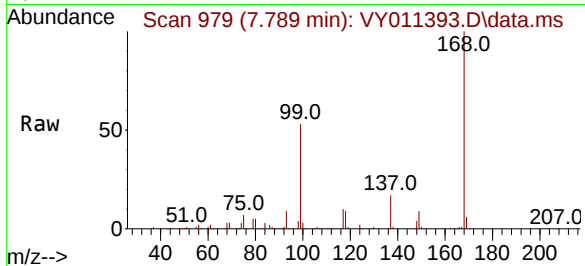




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011393.D
Acq: 10 Nov 2022 16:16

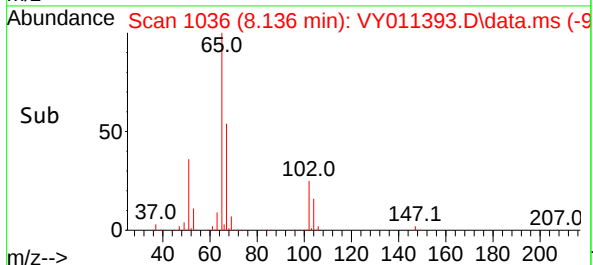
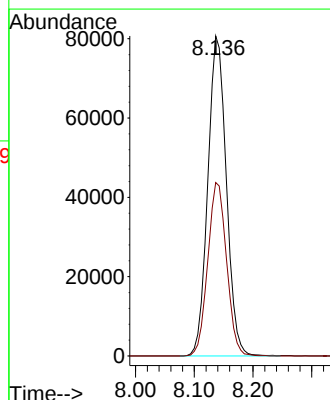
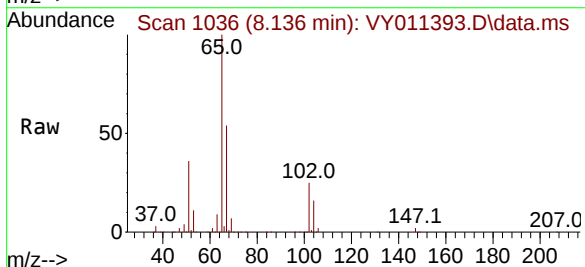
Instrument :
MSVOA_Y
ClientSampleId :
DUP03

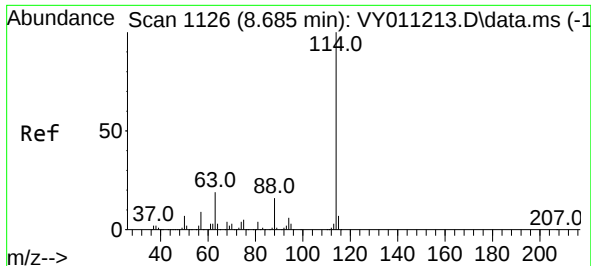
Tgt Ion:168 Resp: 280563
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 75.118 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011393.D
Acq: 10 Nov 2022 16:16

Tgt Ion: 65 Resp: 176604
Ion Ratio Lower Upper
65 100
67 54.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011393.D

Acq: 10 Nov 2022 16:16

Instrument :

MSVOA_Y

ClientSampleId :

DUP03

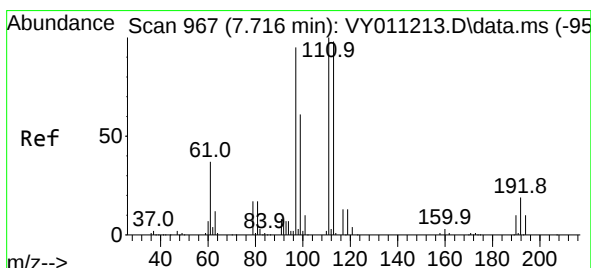
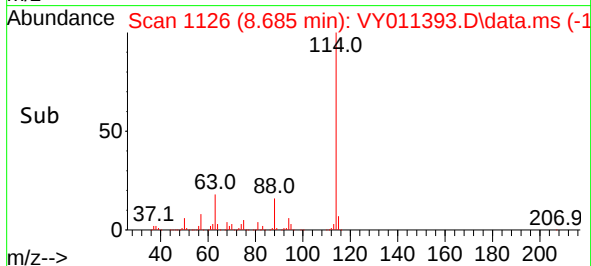
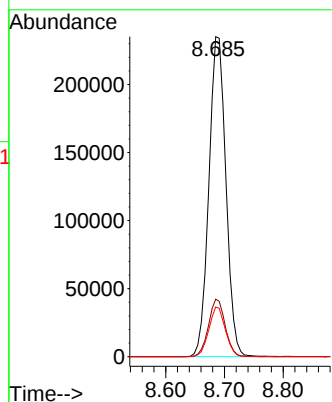
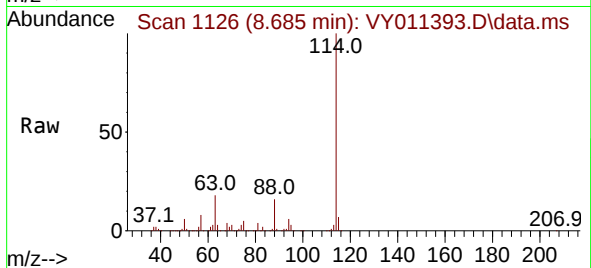
Tgt Ion:114 Resp: 472553

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 68.065 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011393.D

Acq: 10 Nov 2022 16:16

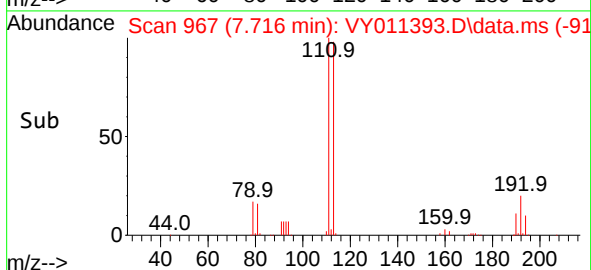
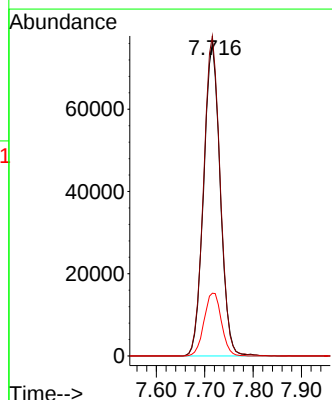
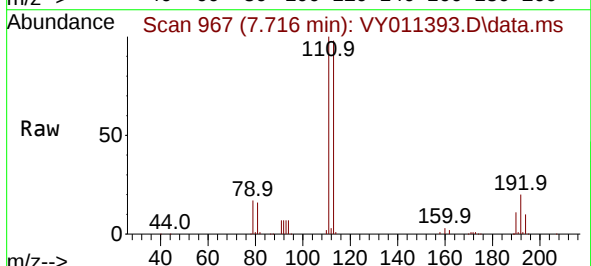
Tgt Ion:113 Resp: 180257

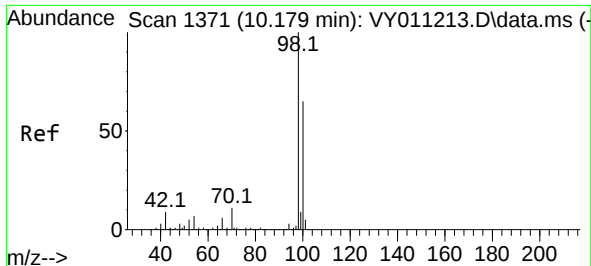
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 21.1 17.6 26.4

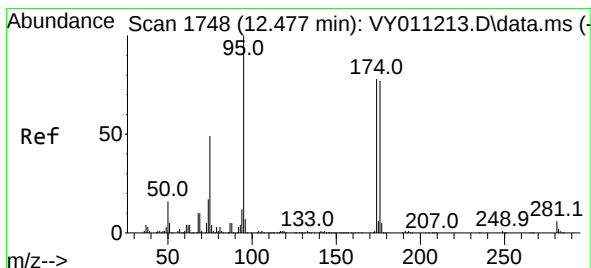
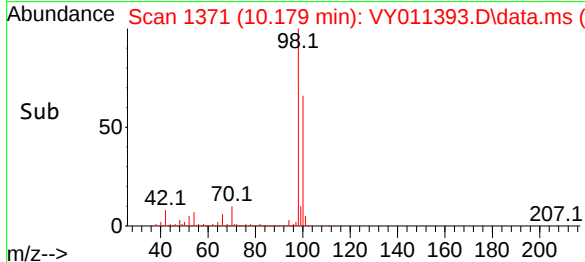
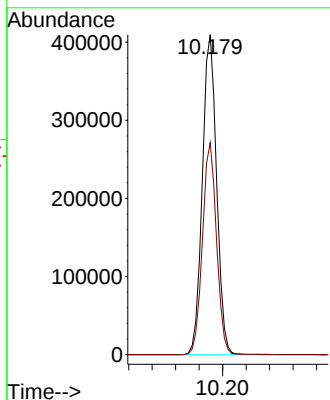
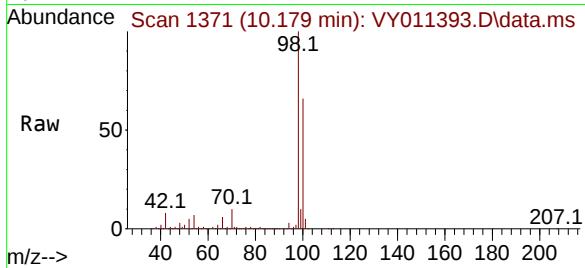




#50
Toluene-d8
Concen: 68.382 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011393.D
Acq: 10 Nov 2022 16:16

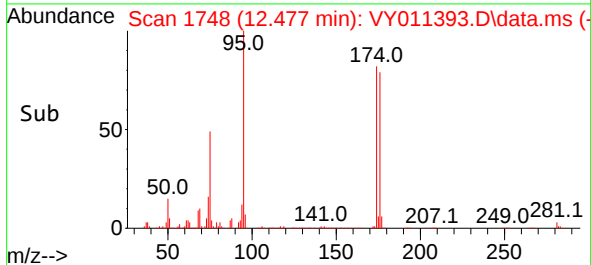
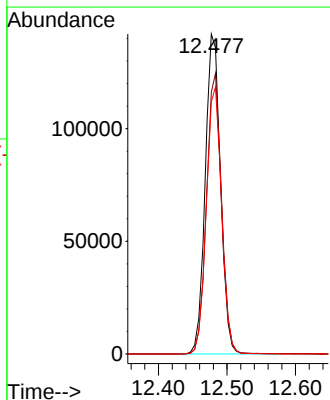
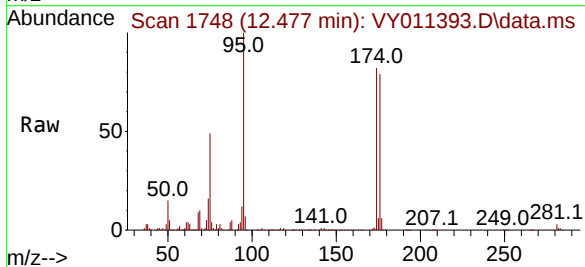
Instrument :
MSVOA_Y
ClientSampleId :
DUP03

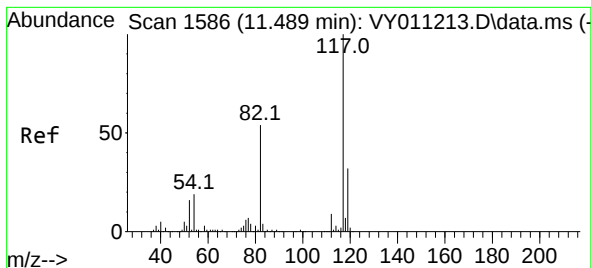
Tgt Ion: 98 Resp: 691839
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 62.226 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011393.D
Acq: 10 Nov 2022 16:16

Tgt Ion: 95 Resp: 219584
Ion Ratio Lower Upper
95 100
174 86.8 0.0 177.0
176 83.6 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY011393.D

Acq: 10 Nov 2022 16:16

Instrument :

MSVOA_Y

ClientSampleId :

DUP03

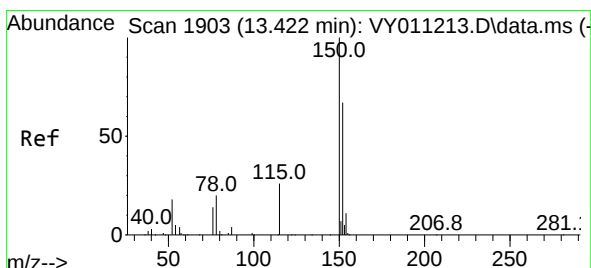
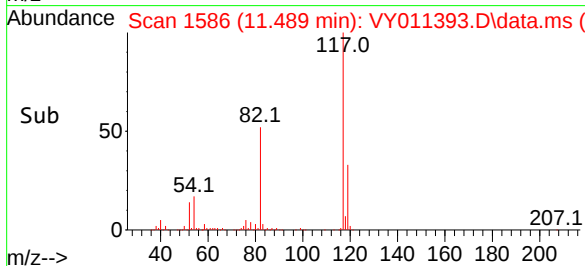
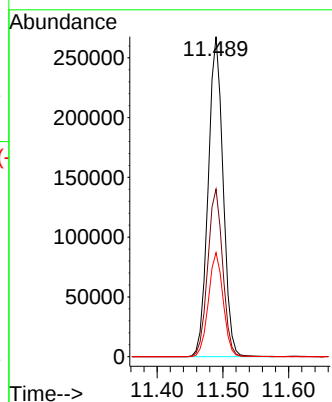
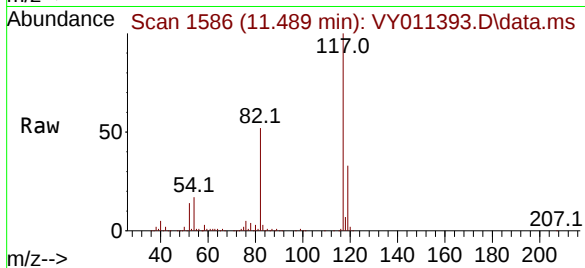
Tgt Ion:117 Resp: 422002

Ion Ratio Lower Upper

117 100

82 52.4 43.0 64.4

119 32.5 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY011393.D

Acq: 10 Nov 2022 16:16

Tgt Ion:152 Resp: 191445

Ion Ratio Lower Upper

152 100

115 56.5 28.2 84.7

150 156.8 0.0 347.6

