

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071423\
 Data File : VY014639.D
 Acq On : 14 Jul 2023 11:55
 Operator : SY/MD
 Sample : VY0714SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0714SBL01

Quant Time: Jul 14 23:04:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	254765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	442498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	410866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	193116	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	157112	54.118	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.240%
35) Dibromofluoromethane	7.709	113	139076	49.373	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.740%
50) Toluene-d8	10.178	98	524576	50.513	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.020%
62) 4-Bromofluorobenzene	12.477	95	200646	50.388	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.780%

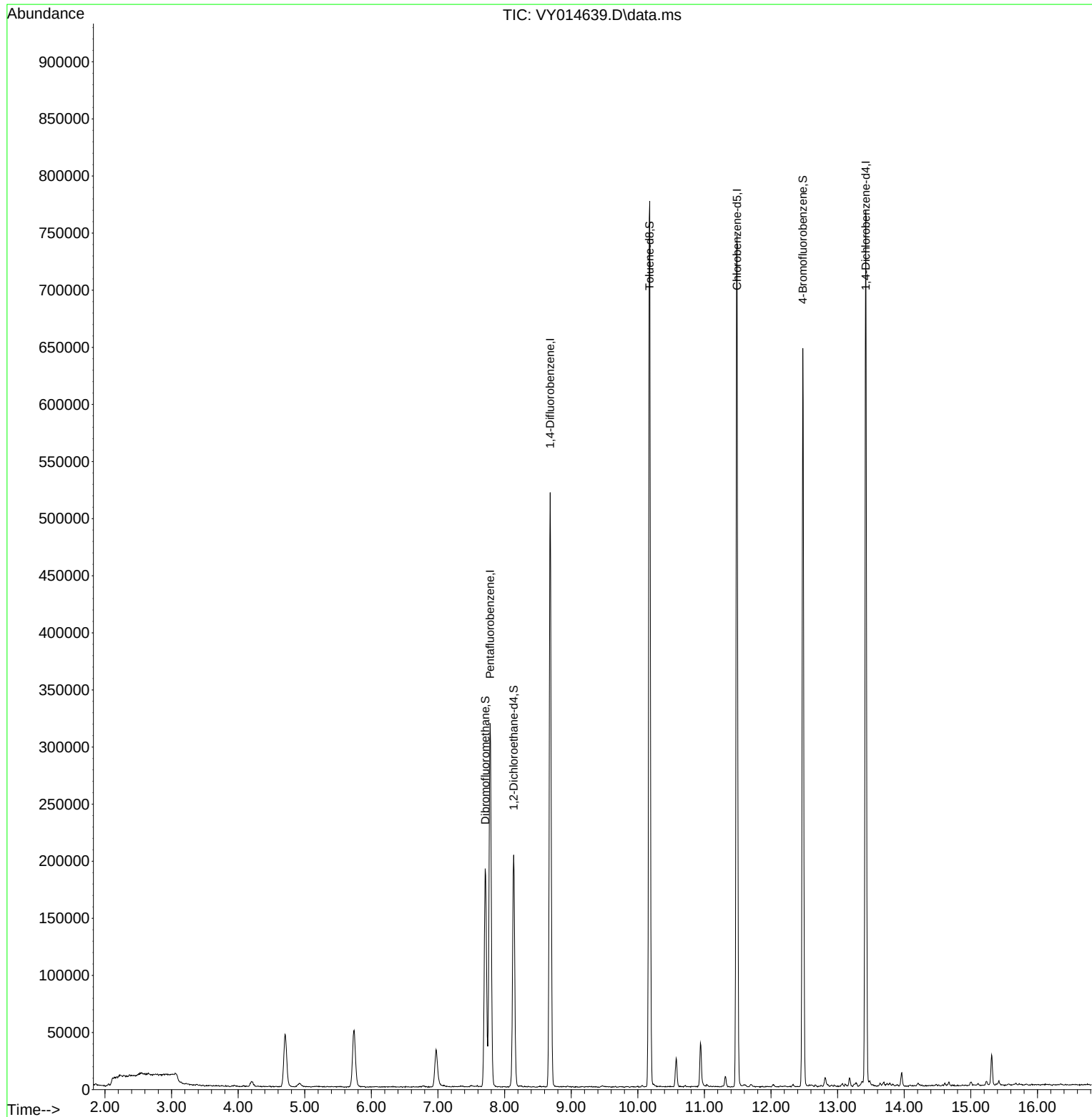
Target Compounds	Qvalue

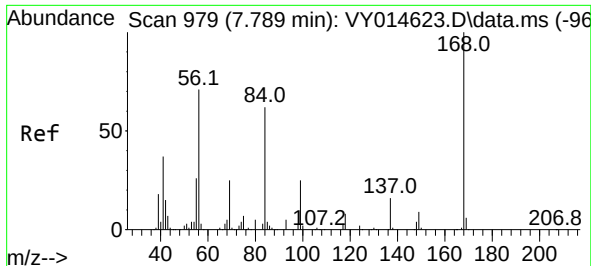
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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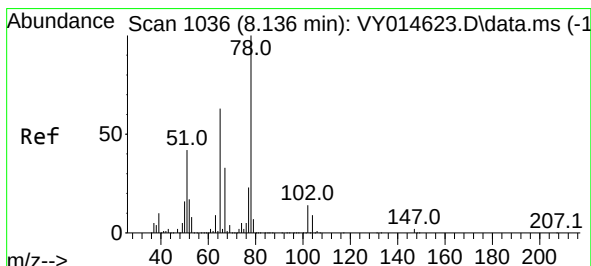
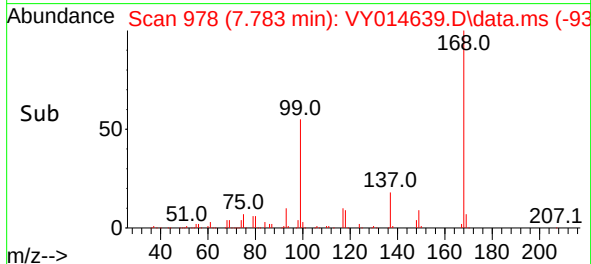
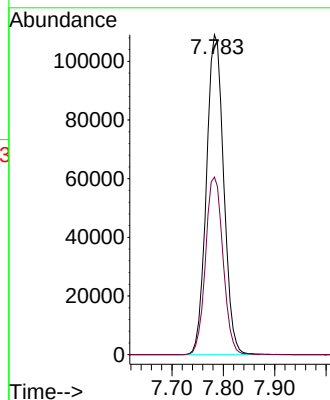
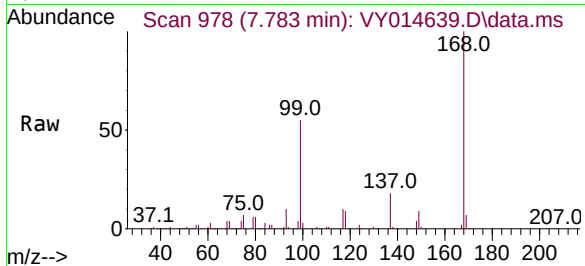




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014639.D
Acq: 14 Jul 2023 11:55

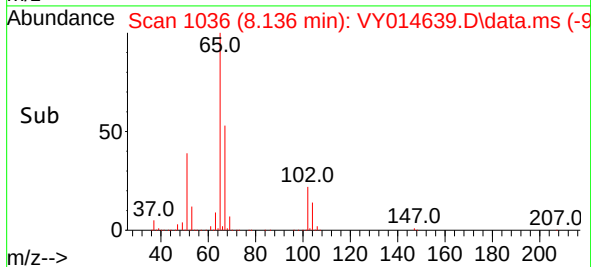
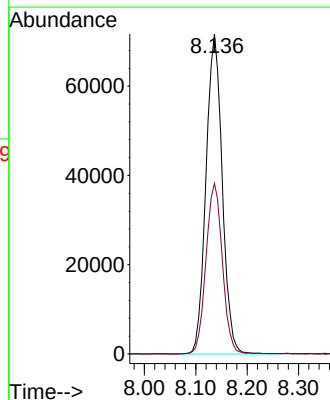
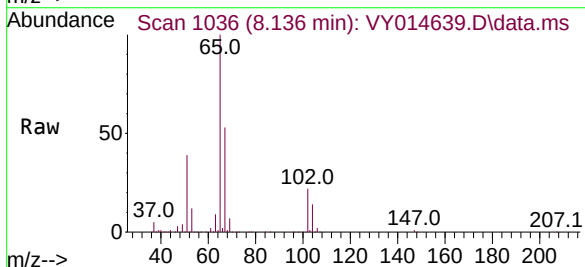
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBL01

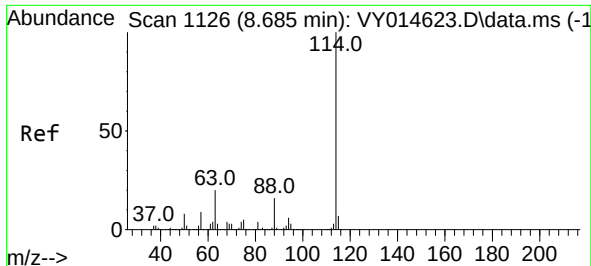
Tgt Ion:168 Resp: 254765
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.118 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014639.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 65 Resp: 157112
Ion Ratio Lower Upper
65 100
67 53.8 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: VY014639.D

Acq: 14 Jul 2023 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBL01

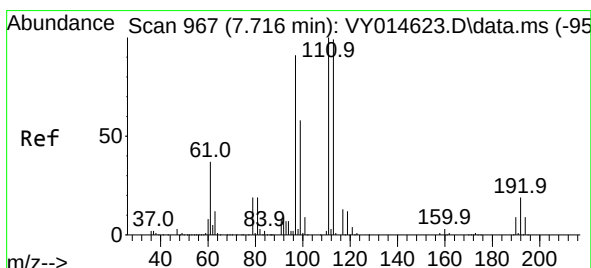
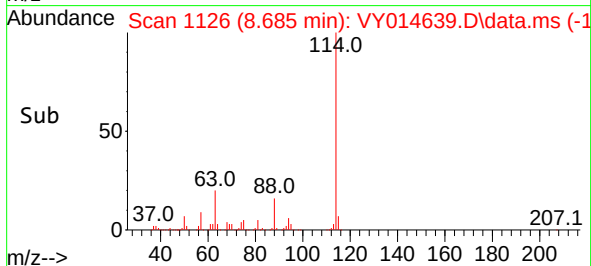
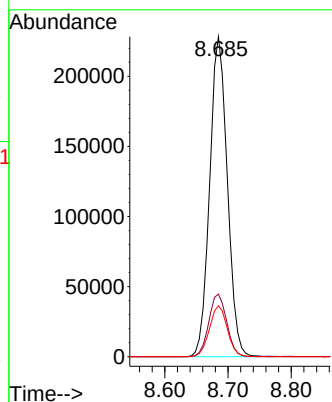
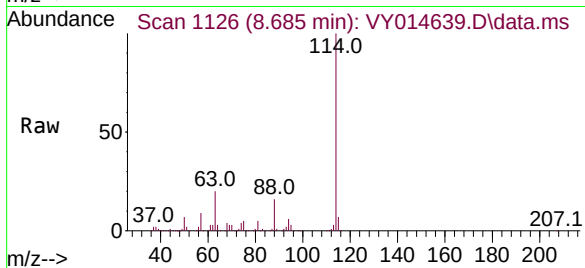
Tgt Ion:114 Resp: 442498

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 15.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.373 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.007 min

Lab File: VY014639.D

Acq: 14 Jul 2023 11:55

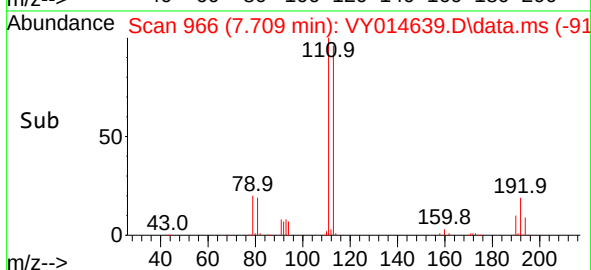
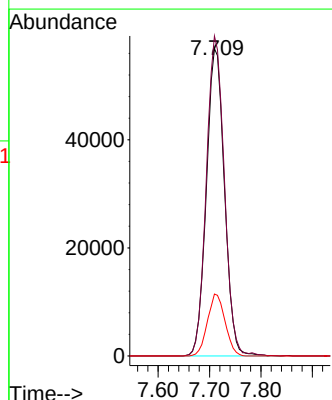
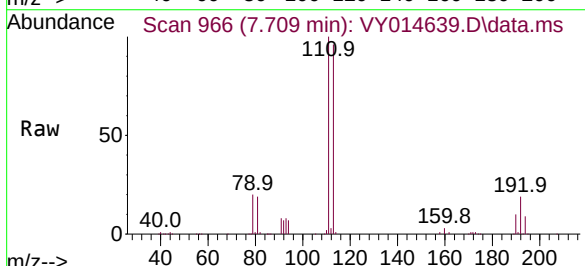
Tgt Ion:113 Resp: 139076

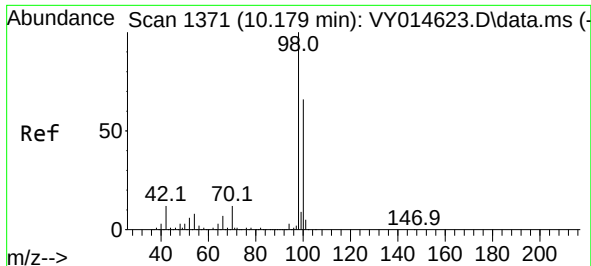
Ion Ratio Lower Upper

113 100

111 103.6 81.3 121.9

192 19.6 16.9 25.3

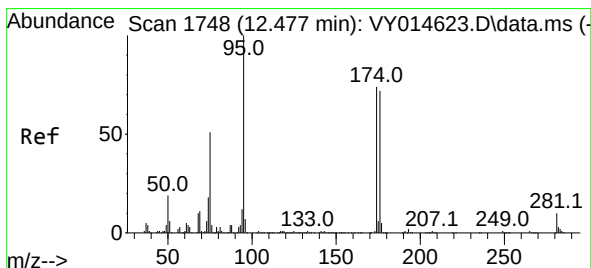
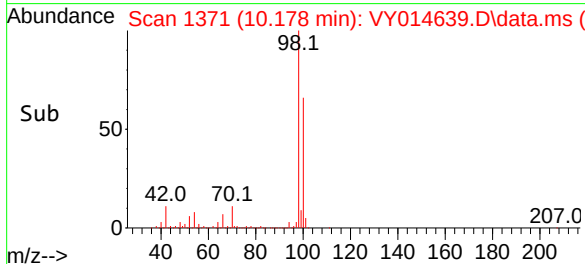
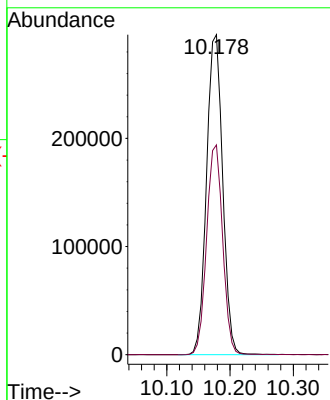
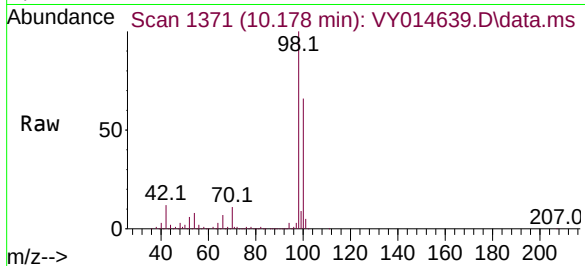




#50
Toluene-d8
Concen: 50.513 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY014639.D
Acq: 14 Jul 2023 11:55

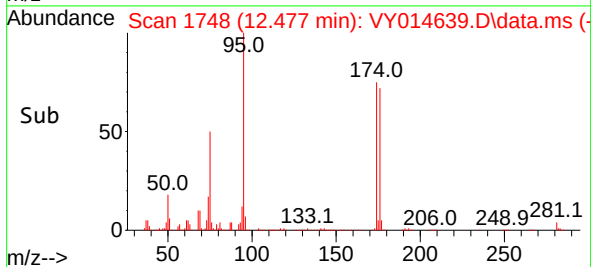
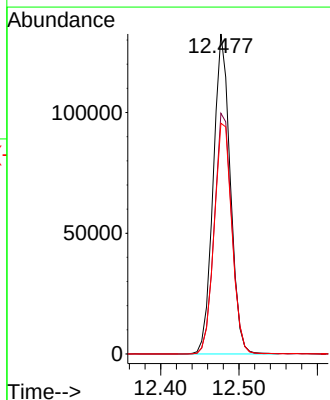
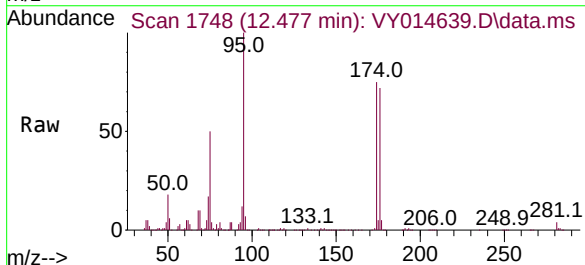
Instrument :
MSVOA_Y
ClientSampleId :
VY0714SBL01

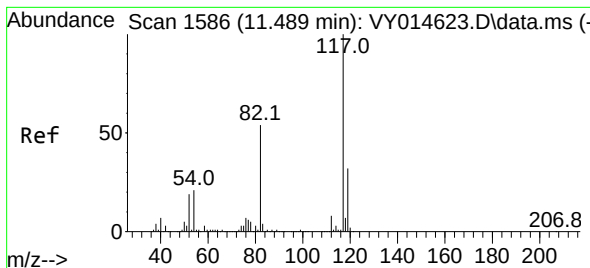
Tgt Ion: 98 Resp: 524576
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.388 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014639.D
Acq: 14 Jul 2023 11:55

Tgt Ion: 95 Resp: 200646
Ion Ratio Lower Upper
95 100
174 77.1 0.0 178.2
176 75.1 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: VY014639.D

Acq: 14 Jul 2023 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0714SBL01

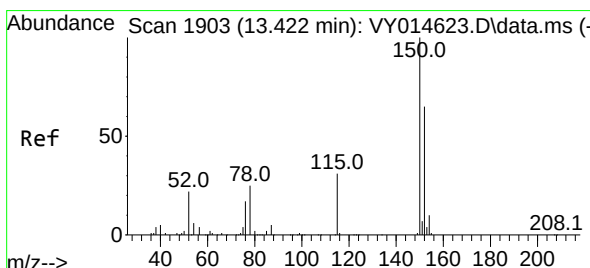
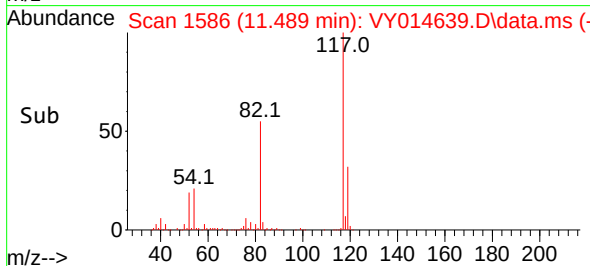
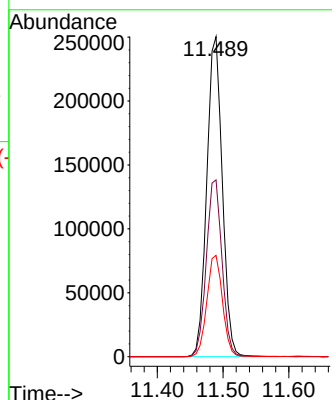
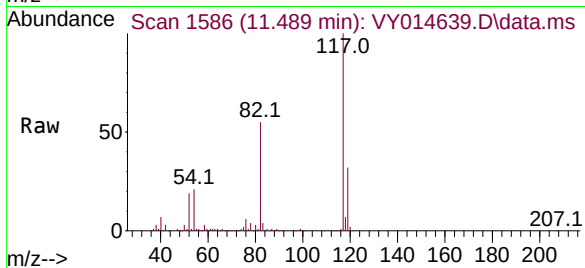
Tgt Ion:117 Resp: 410866

Ion Ratio Lower Upper

117 100

82 55.3 43.4 65.0

119 31.7 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: VY014639.D

Acq: 14 Jul 2023 11:55

Tgt Ion:152 Resp: 193116

Ion Ratio Lower Upper

152 100

115 60.1 28.8 86.5

150 156.2 0.0 348.8

