

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014801.D
 Acq On : 25 Jul 2023 14:58
 Operator : SY/MD
 Sample : 03742-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P32A

Quant Time: Jul 26 01:18:47 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	7.789	168	164938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	291952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	278577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134827	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	104951	55.839	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.680%
35) Dibromofluoromethane	7.716	113	92289	49.658	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.320%
50) Toluene-d8	10.179	98	346459	50.564	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.120%
62) 4-Bromofluorobenzene	12.477	95	129316	49.221	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.440%

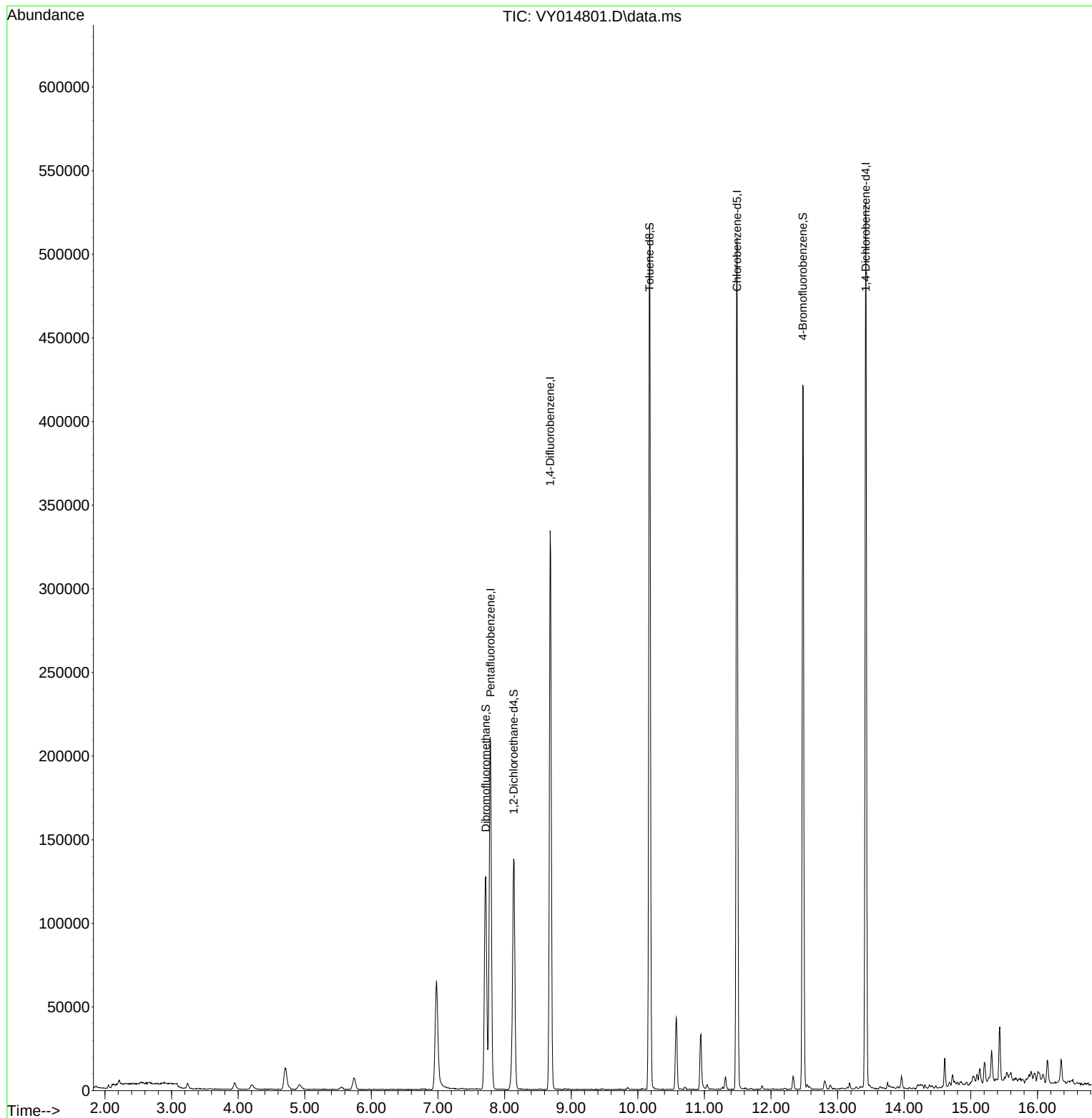
Target Compounds	Qvalue

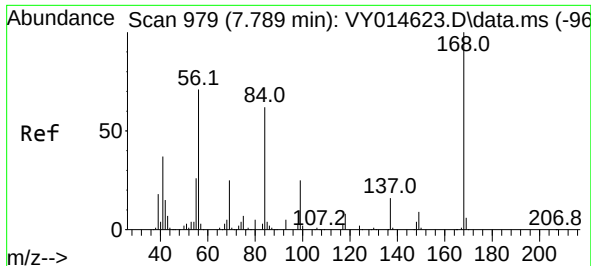
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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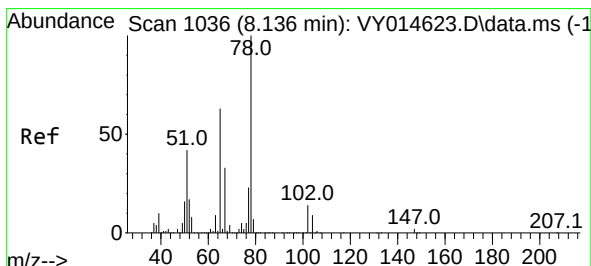
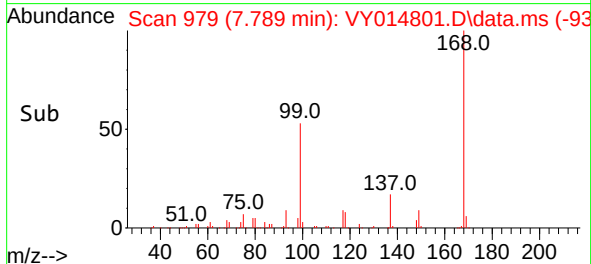
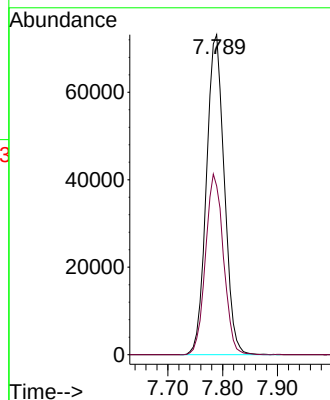
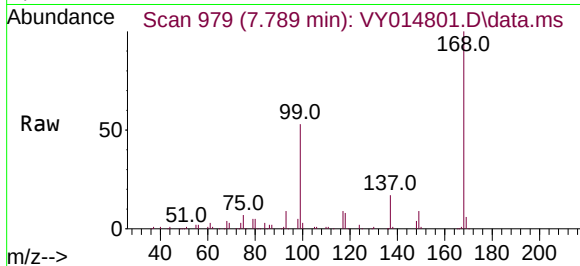




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014801.D
Acq: 25 Jul 2023 14:58

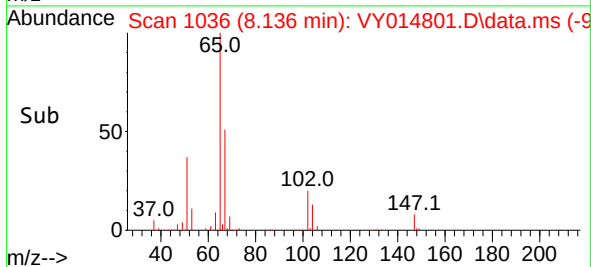
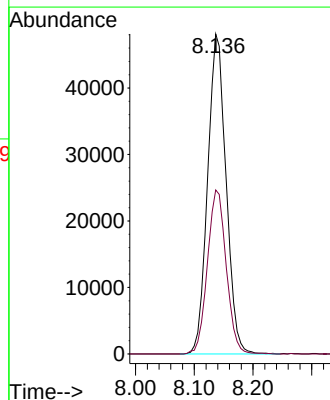
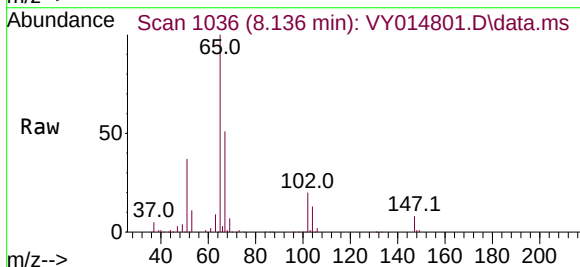
Instrument :
MSVOA_Y
ClientSampleId :
B-P32A

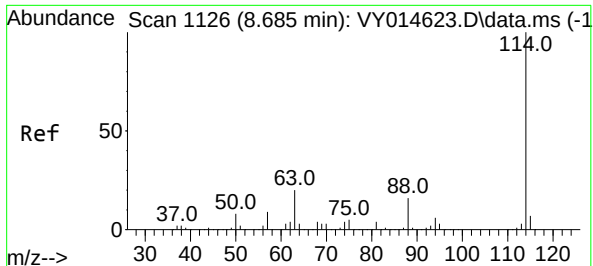
Tgt Ion:168 Resp: 164938
Ion Ratio Lower Upper
168 100
99 52.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.839 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014801.D
Acq: 25 Jul 2023 14:58

Tgt Ion: 65 Resp: 104951
Ion Ratio Lower Upper
65 100
67 52.3 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: VY014801.D

Acq: 25 Jul 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

B-P32A

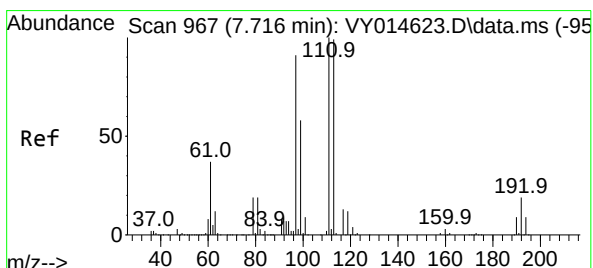
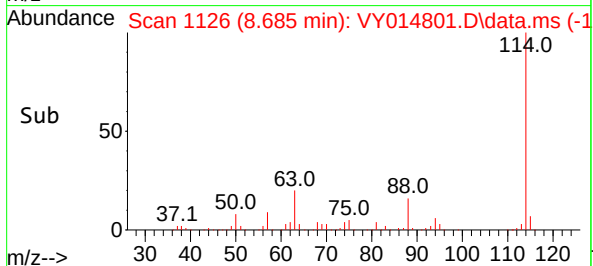
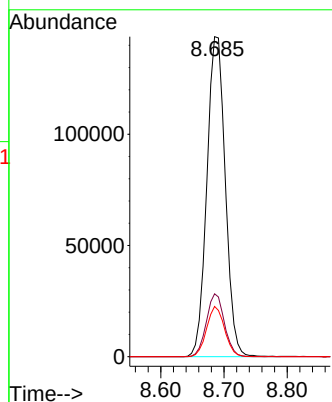
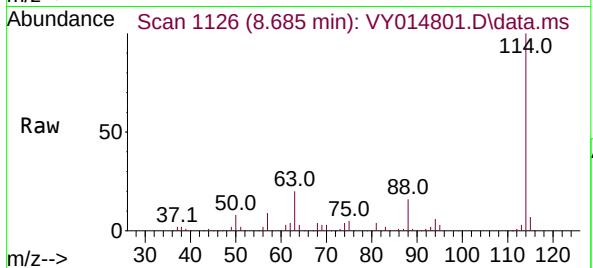
Tgt Ion:114 Resp: 291952

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.658 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014801.D

Acq: 25 Jul 2023 14:58

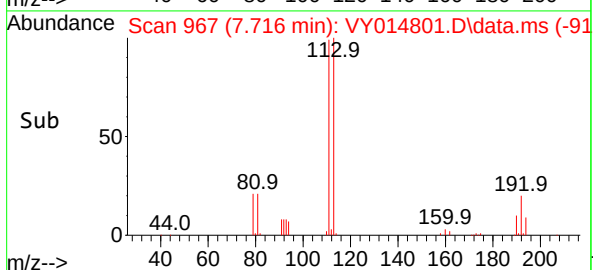
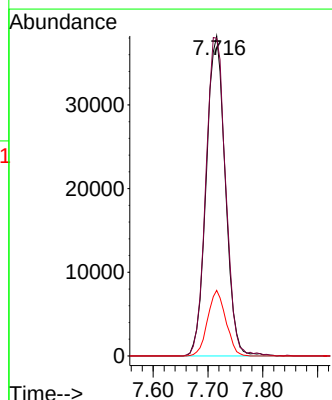
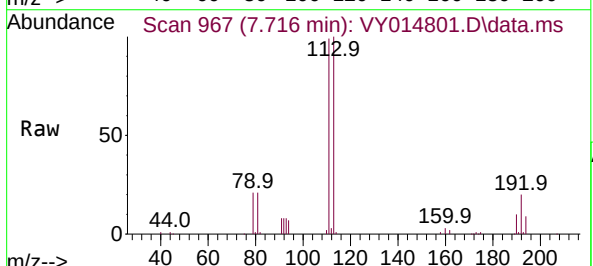
Tgt Ion:113 Resp: 92289

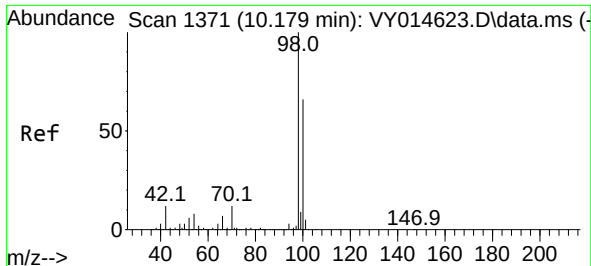
Ion Ratio Lower Upper

113 100

111 102.6 81.3 121.9

192 19.5 16.9 25.3

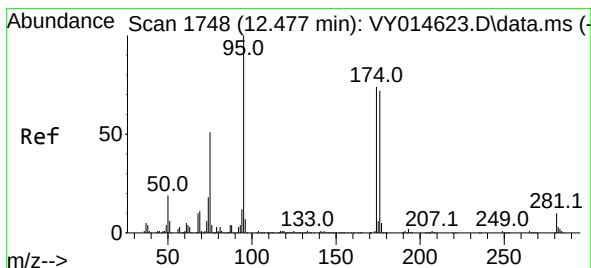
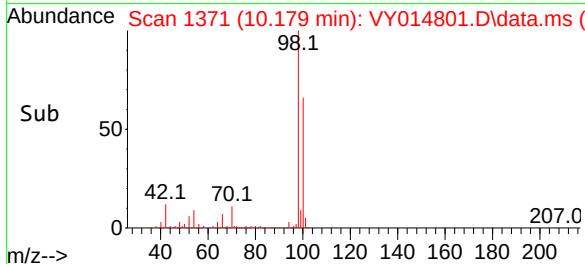
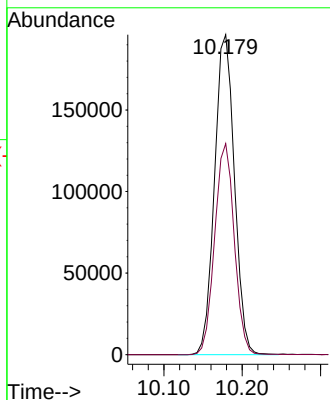
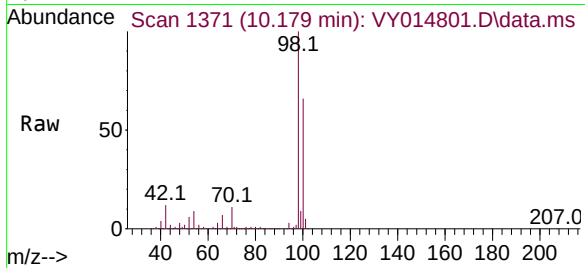




#50
Toluene-d8
Concen: 50.564 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014801.D
Acq: 25 Jul 2023 14:58

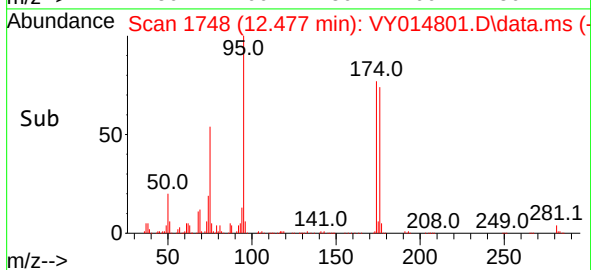
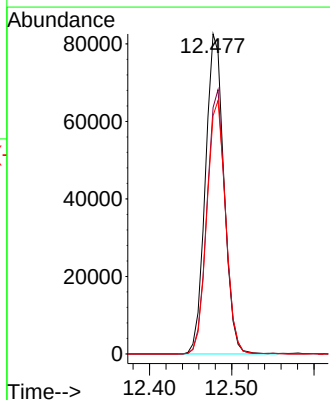
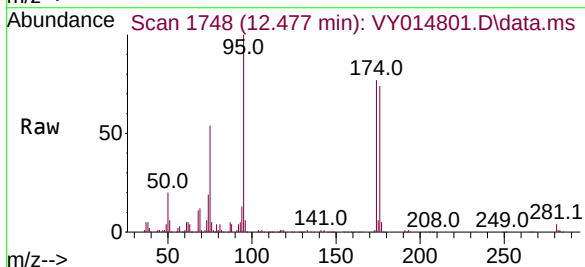
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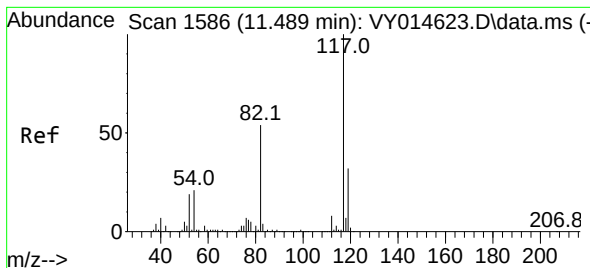
Tgt Ion: 98 Resp: 346459
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.221 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014801.D
Acq: 25 Jul 2023 14:58

Tgt Ion: 95 Resp: 129316
Ion Ratio Lower Upper
95 100
174 81.5 0.0 178.2
176 79.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014801.D

Acq: 25 Jul 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

B-P32A

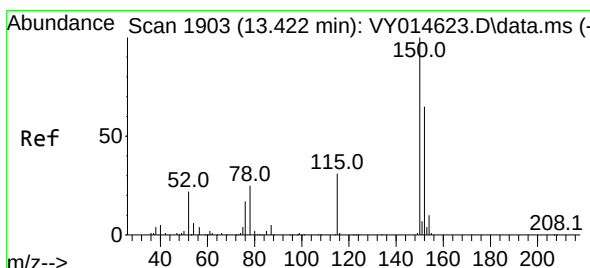
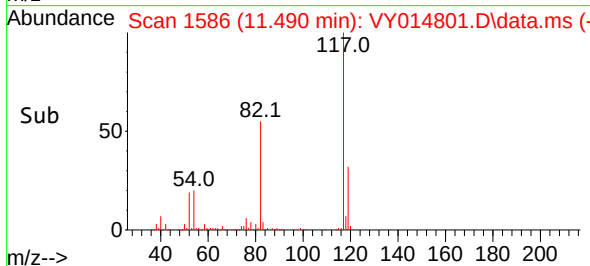
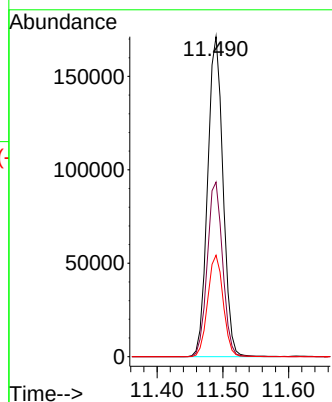
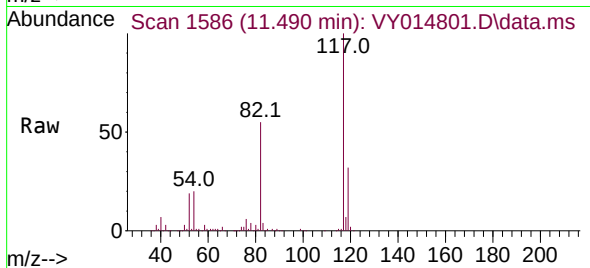
Tgt Ion:117 Resp: 278577

Ion Ratio Lower Upper

117 100

82 54.6 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: VY014801.D

Acq: 25 Jul 2023 14:58

Tgt Ion:152 Resp: 134827

Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 155.8 0.0 348.8

