

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061622\
 Data File : VY009211.D
 Acq On : 16 Jun 2022 18:50
 Operator : KP/MD
 Sample : N3301-03
 Misc : 7.88g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-SO-20220609

Quant Time: Jun 17 02:28:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	216651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	387506	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	361093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	161844	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	134538	59.448	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.900%
35) Dibromofluoromethane	7.716	113	119702	49.270	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.540%
50) Toluene-d8	10.179	98	461058	49.853	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.700%
62) 4-Bromofluorobenzene	12.477	95	161450	49.126	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.260%

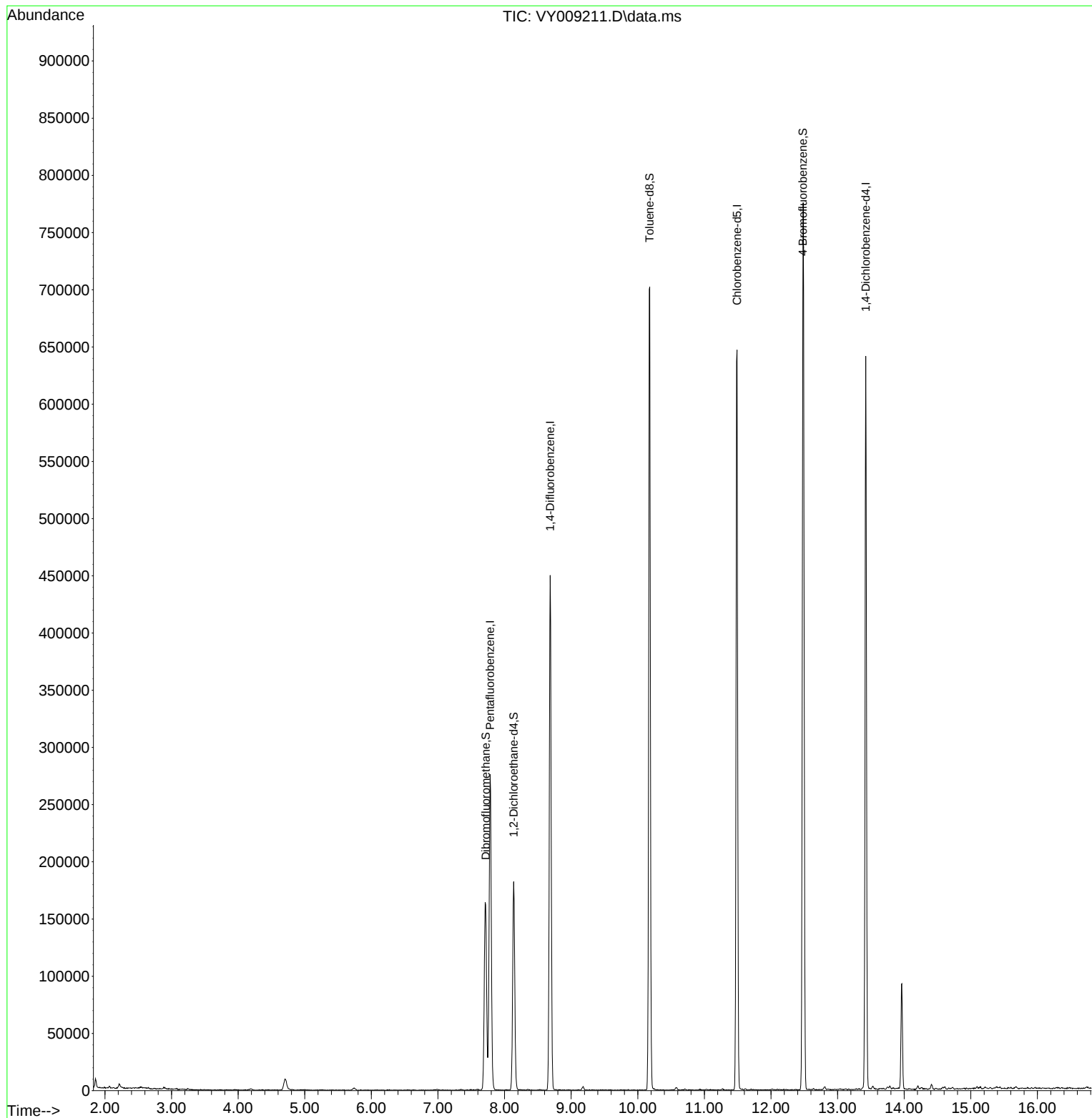
Target Compounds	Qvalue

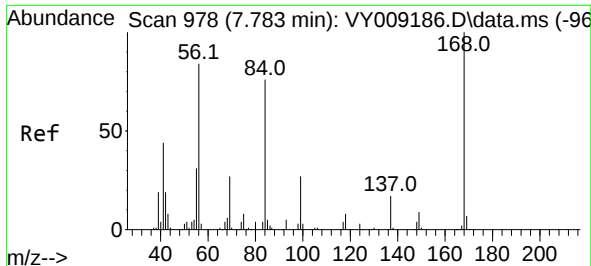
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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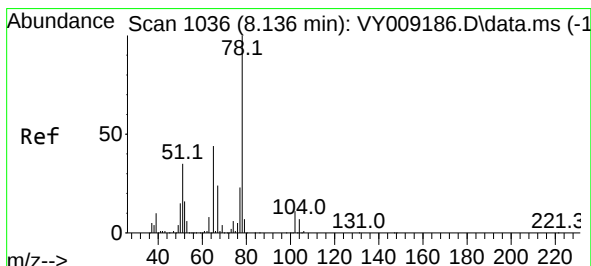
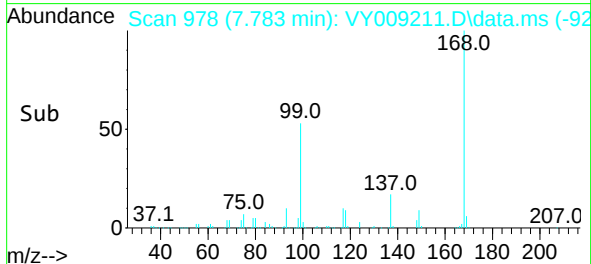
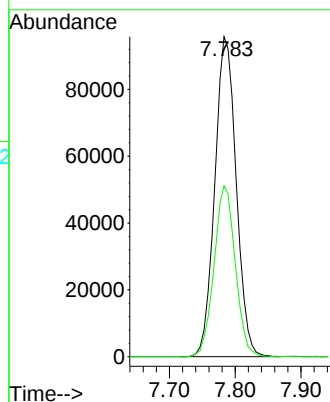
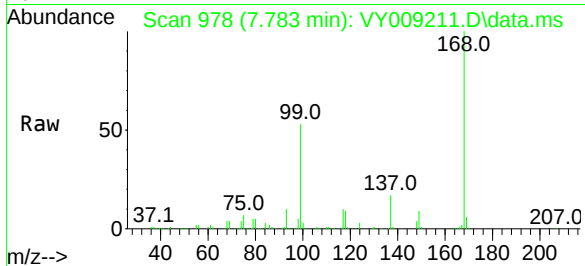




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009211.D
Acq: 16 Jun 2022 18:50

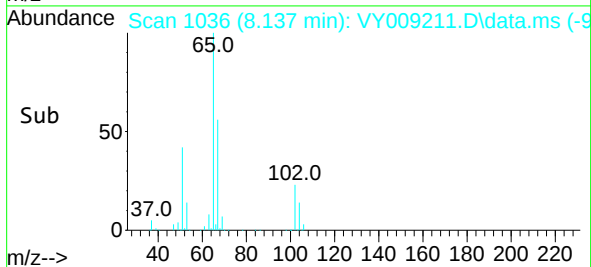
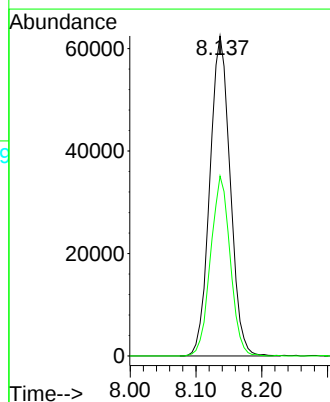
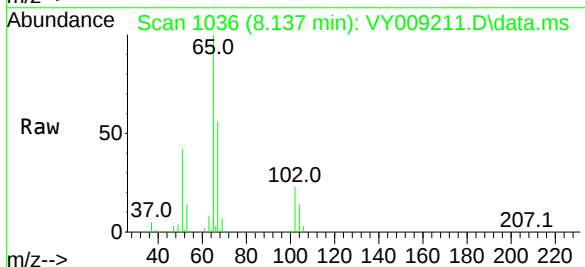
Instrument :
MSVOA_Y
ClientSampleId :
WC-SO-20220609

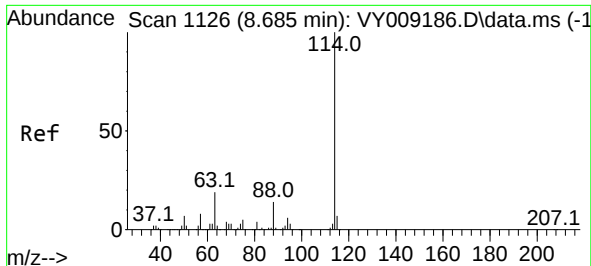
Tgt Ion:168 Resp: 216651
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 59.448 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009211.D
Acq: 16 Jun 2022 18:50

Tgt Ion: 65 Resp: 134538
Ion Ratio Lower Upper
65 100
67 54.2 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: VY009211.D

Acq: 16 Jun 2022 18:50

Instrument :

MSVOA_Y

ClientSampleId :

WC-SO-20220609

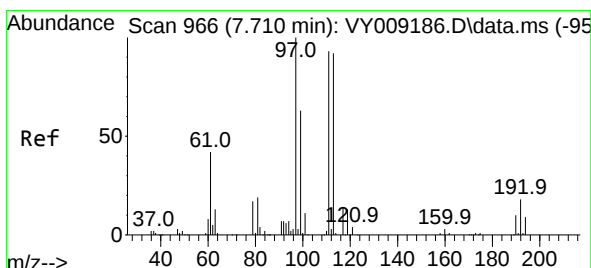
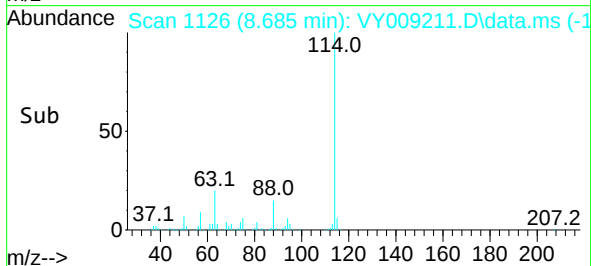
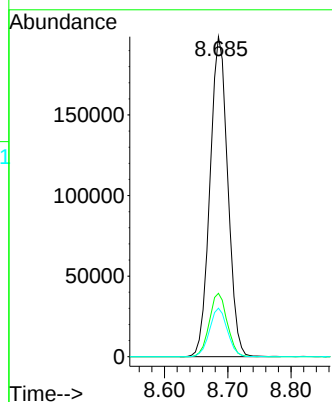
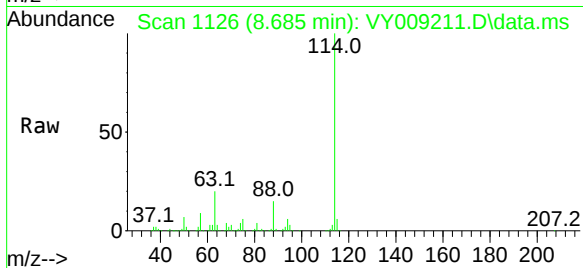
Tgt Ion:114 Resp: 387506

Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.270 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY009211.D

Acq: 16 Jun 2022 18:50

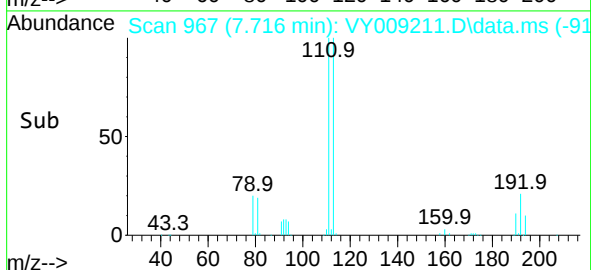
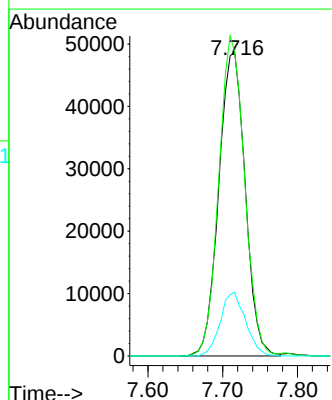
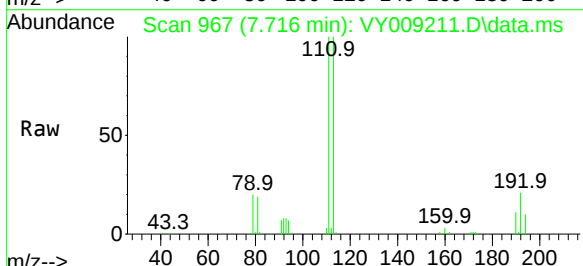
Tgt Ion:113 Resp: 119702

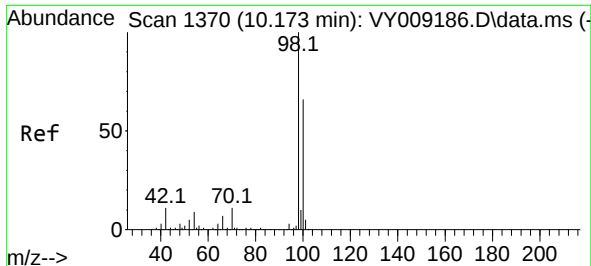
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 20.1 17.6 26.4

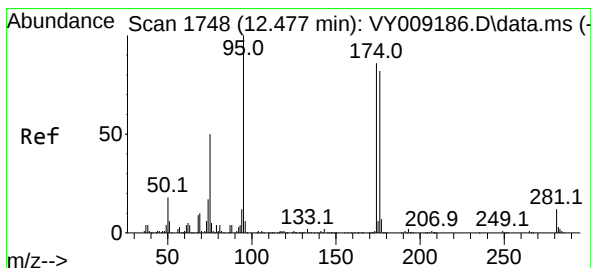
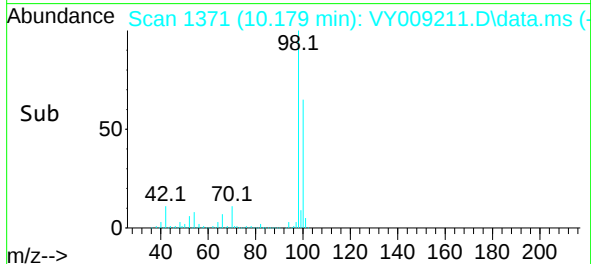
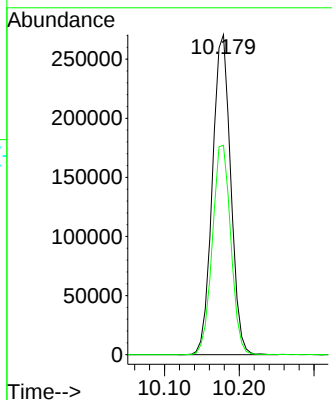
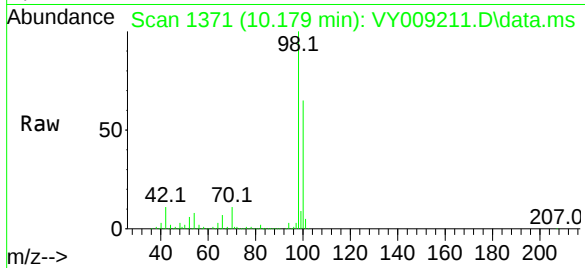




#50
Toluene-d8
Concen: 49.853 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009211.D
Acq: 16 Jun 2022 18:50

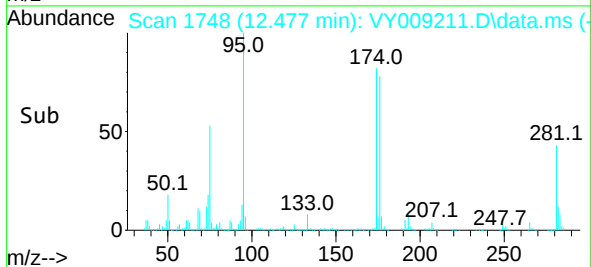
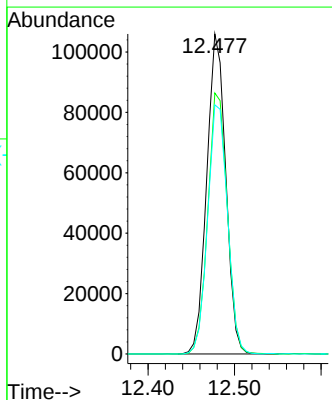
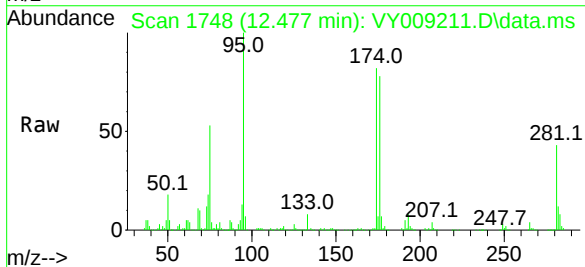
Instrument :
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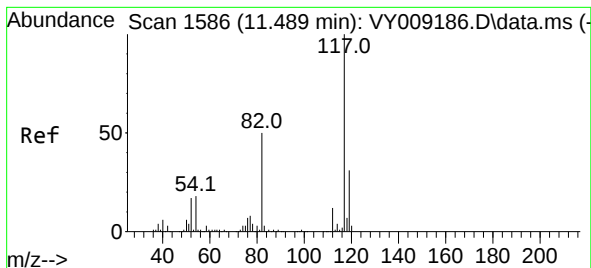
Tgt Ion: 98 Resp: 461058
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.126 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009211.D
Acq: 16 Jun 2022 18:50

Tgt Ion: 95 Resp: 161450
Ion Ratio Lower Upper
95 100
174 83.4 0.0 177.0
176 81.1 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009211.D

Acq: 16 Jun 2022 18:50

Instrument :

MSVOA_Y

ClientSampleId :

WC-SO-20220609

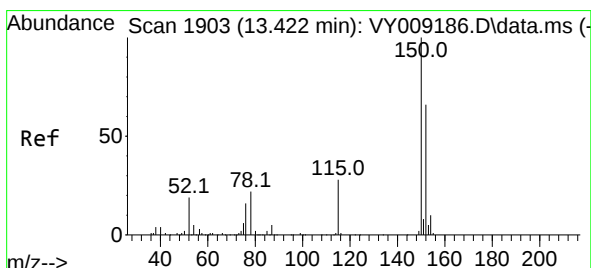
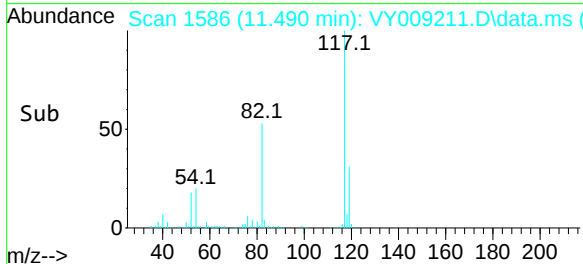
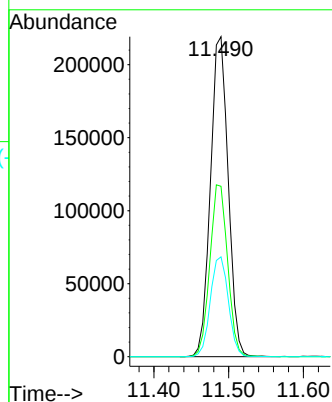
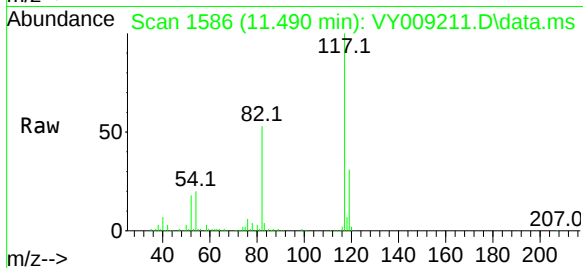
Tgt Ion:117 Resp: 361093

Ion Ratio Lower Upper

117 100

82 53.3 43.0 64.4

119 31.2 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: VY009211.D

Acq: 16 Jun 2022 18:50

Tgt Ion:152 Resp: 161844

Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 157.6 0.0 347.6

