

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110322\
 Data File : VY011285.D
 Acq On : 03 Nov 2022 14:31
 Operator : KP/MD
 Sample : N5371-01RE
 Misc : 7.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-6-WC

Quant Time: Nov 04 02:20:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	252998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	455379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	382232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	149419	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	150070	55.462	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.920%
35) Dibromofluoromethane	7.716	113	152491	52.120	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.240%
50) Toluene-d8	10.179	98	552853	48.668	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.340%
62) 4-Bromofluorobenzene	12.477	95	172092	43.638	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.280%

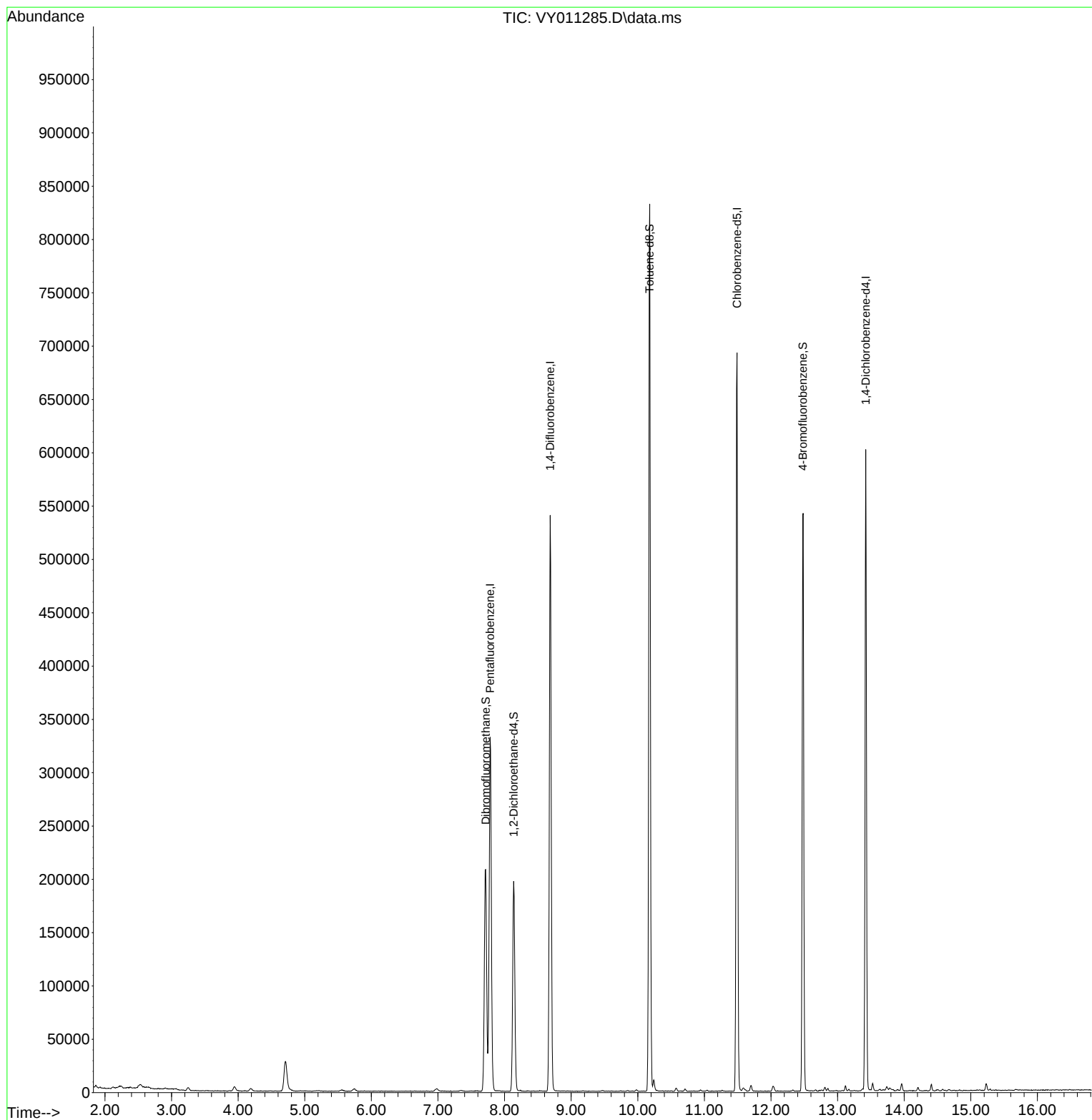
Target Compounds	Qvalue

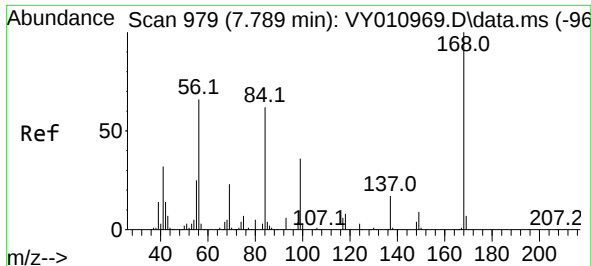
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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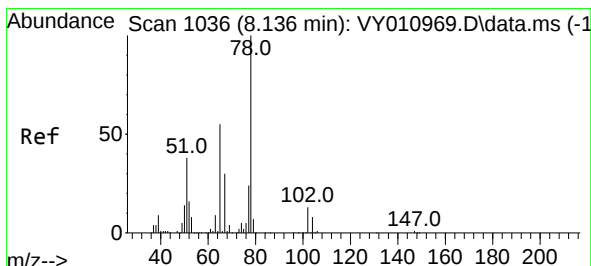
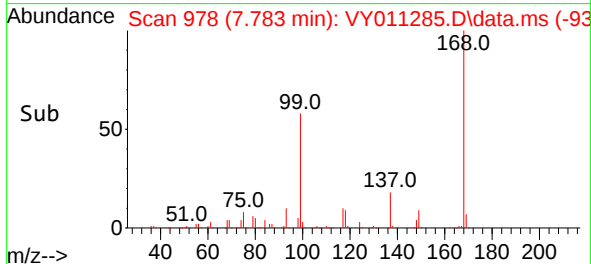
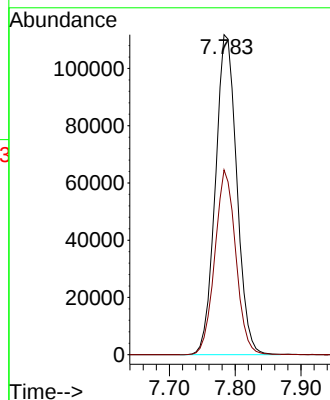
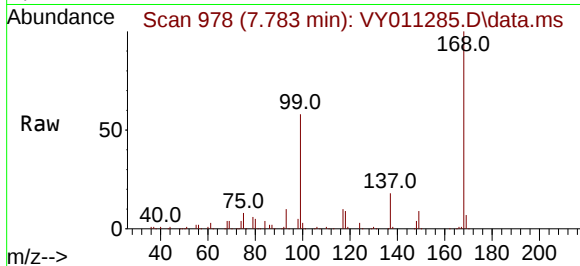




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011285.D
Acq: 03 Nov 2022 14:31

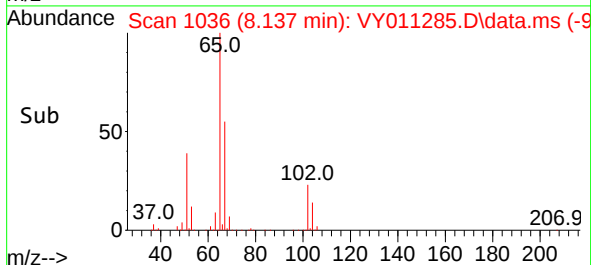
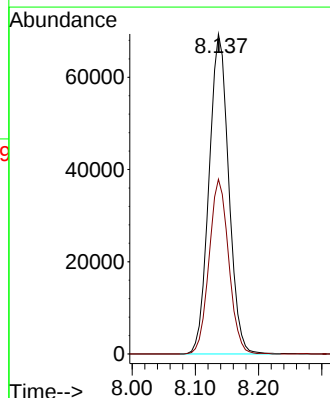
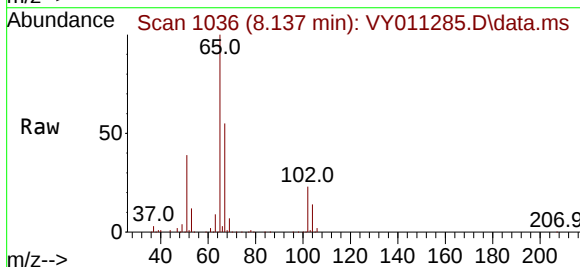
Instrument :
MSVOA_Y
ClientSampleId :
MH-6-WC

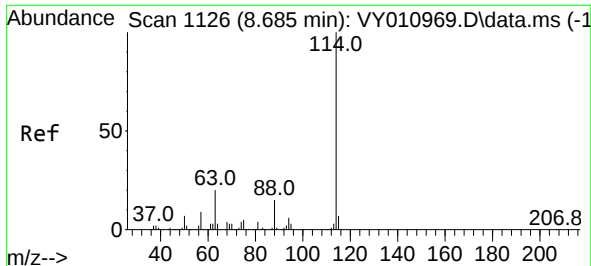
Tgt Ion:168 Resp: 252998
Ion Ratio Lower Upper
168 100
99 57.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.462 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011285.D
Acq: 03 Nov 2022 14:31

Tgt Ion: 65 Resp: 150070
Ion Ratio Lower Upper
65 100
67 54.2 0.0 99.4

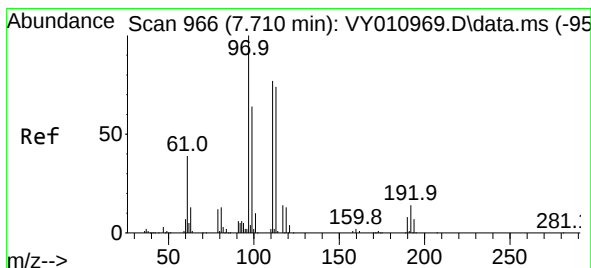
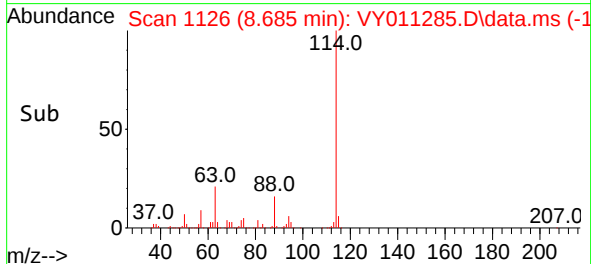
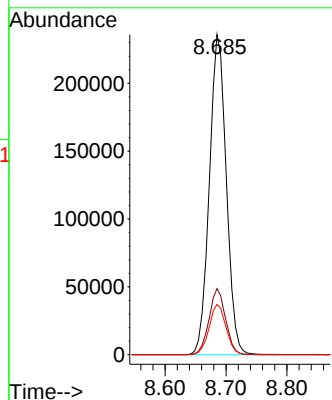
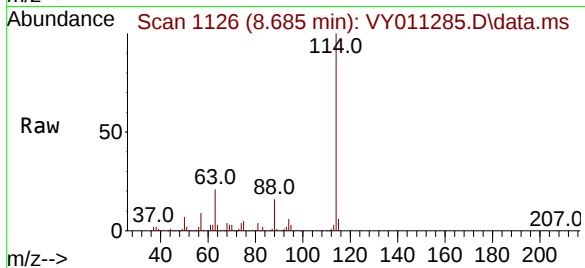




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011285.D
Acq: 03 Nov 2022 14:31

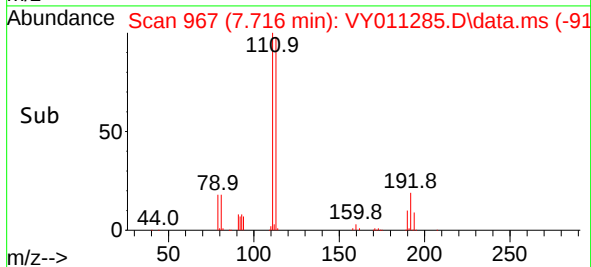
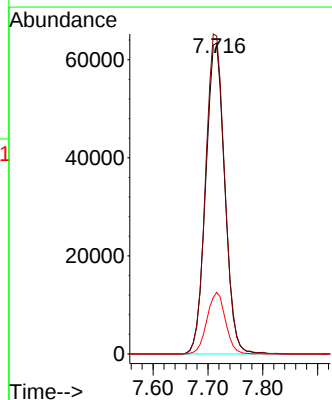
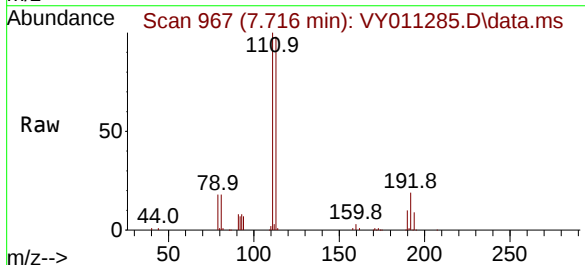
Instrument :
MSVOA_Y
ClientSampleId :
MH-6-WC

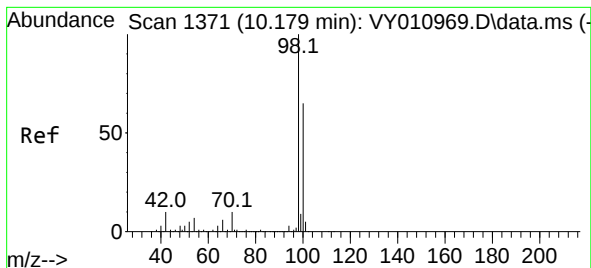
Tgt Ion:114 Resp: 455379
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.2
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.120 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011285.D
Acq: 03 Nov 2022 14:31

Tgt Ion:113 Resp: 152491
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 19.2 17.6 26.4





#50

Toluene-d8

Concen: 48.668 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011285.D

Acq: 03 Nov 2022 14:31

Instrument :

MSVOA_Y

ClientSampleId :

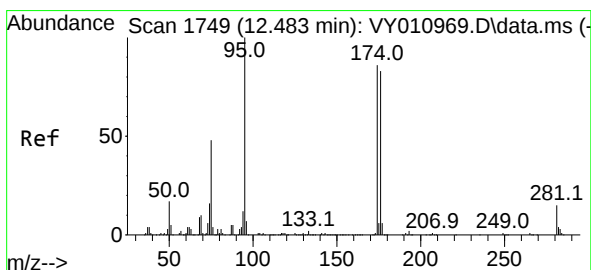
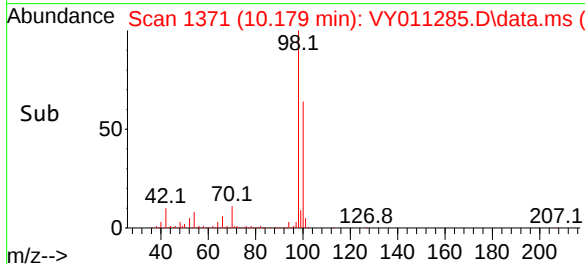
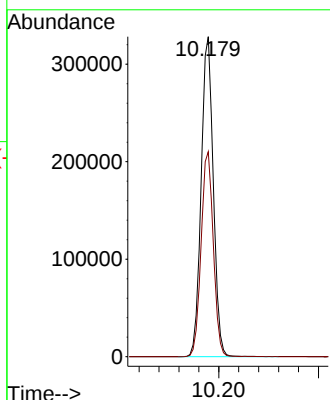
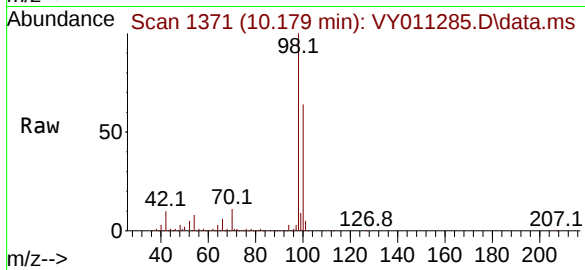
MH-6-WC

Tgt Ion: 98 Resp: 552853

Ion Ratio Lower Upper

98 100

100 64.5 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 43.638 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY011285.D

Acq: 03 Nov 2022 14:31

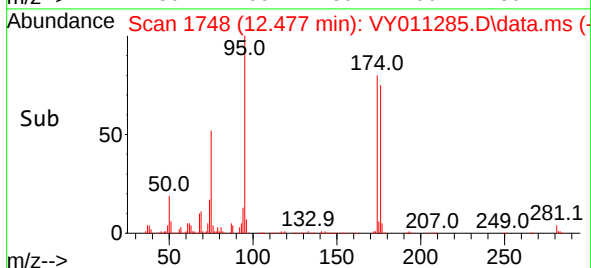
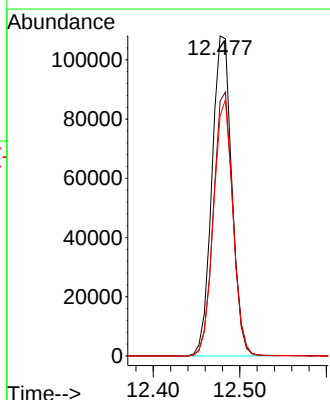
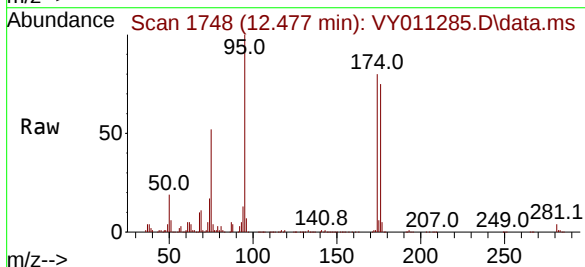
Tgt Ion: 95 Resp: 172092

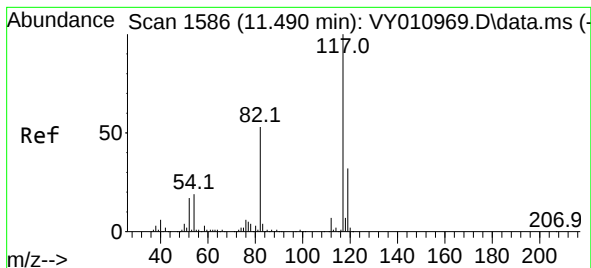
Ion Ratio Lower Upper

95 100

174 81.1 0.0 177.0

176 78.3 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: VY011285.D

Acq: 03 Nov 2022 14:31

Instrument :

MSVOA_Y

ClientSampleId :

MH-6-WC

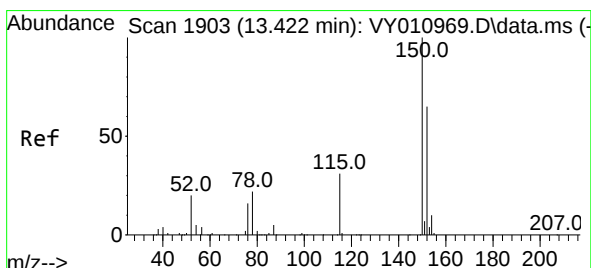
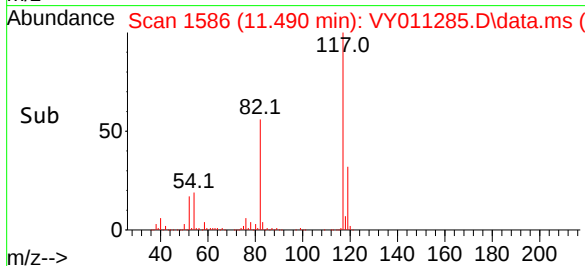
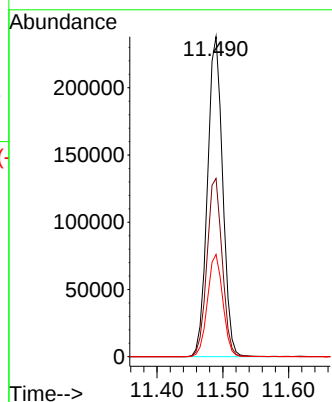
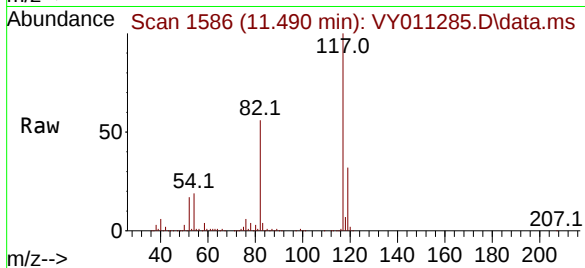
Tgt Ion:117 Resp: 382232

Ion Ratio Lower Upper

117 100

82 55.7 43.0 64.4

119 31.9 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: VY011285.D

Acq: 03 Nov 2022 14:31

Tgt Ion:152 Resp: 149419

Ion Ratio Lower Upper

152 100

115 58.9 28.2 84.7

150 156.7 0.0 347.6

