

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091622\
 Data File : VY010538.D
 Acq On : 16 Sep 2022 16:27
 Operator : KP/MD
 Sample : N4630-24
 Misc : 4.87g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-17-4-5-GR

Quant Time: Sep 17 00:29:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	202094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	348030	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	310724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109388	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	118041	57.994	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.980%
35) Dibromofluoromethane	7.710	113	107869	43.641	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.280%
50) Toluene-d8	10.179	98	411197	51.331	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.660%
62) 4-Bromofluorobenzene	12.477	95	125135	37.922	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.840%

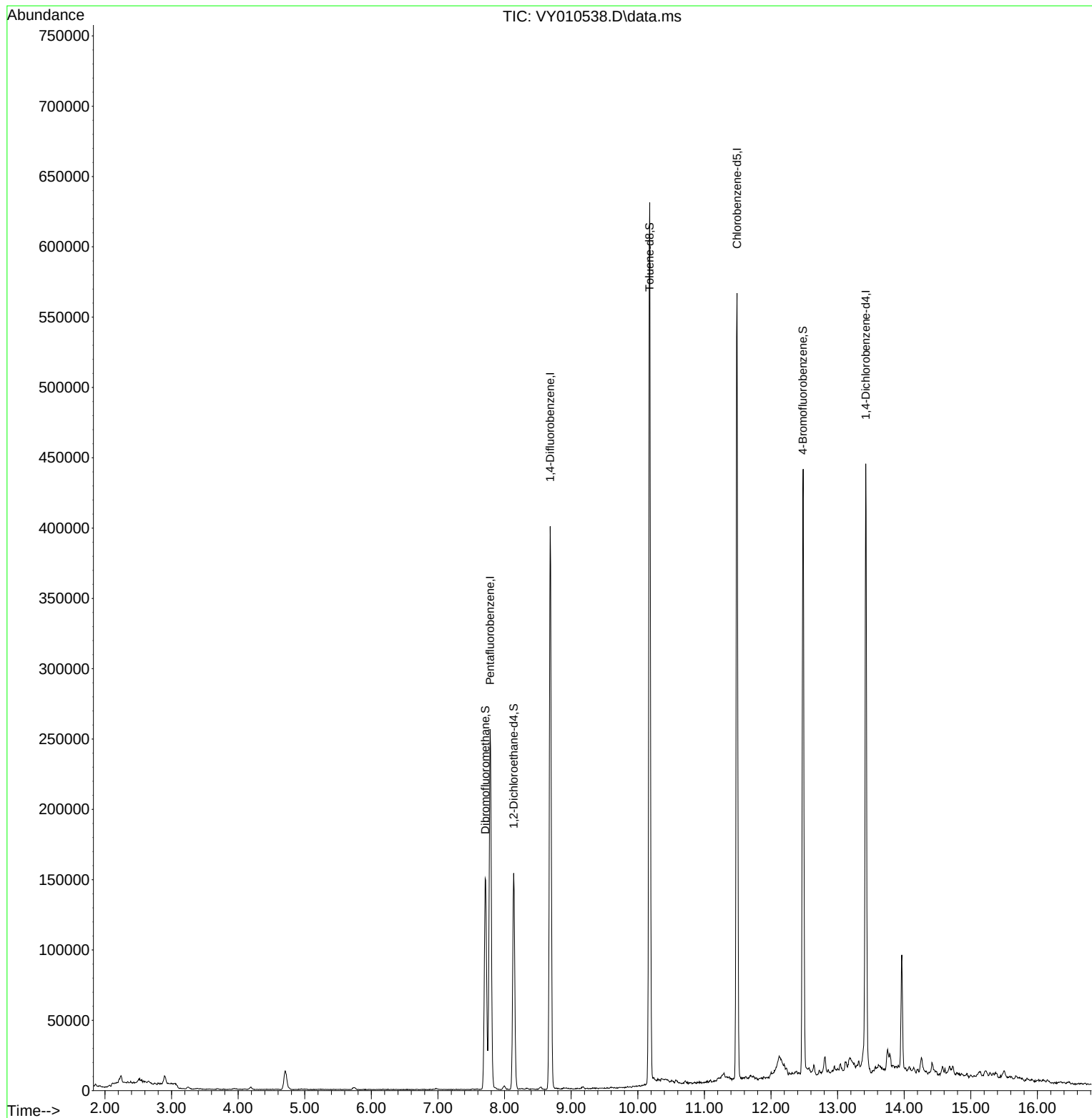
Target Compounds	Qvalue

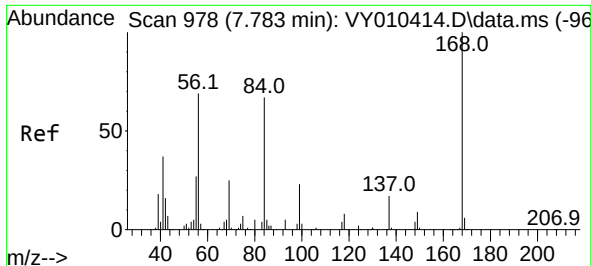
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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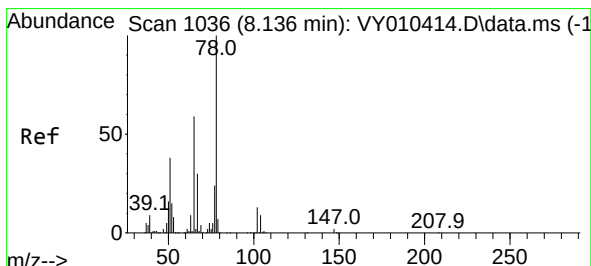
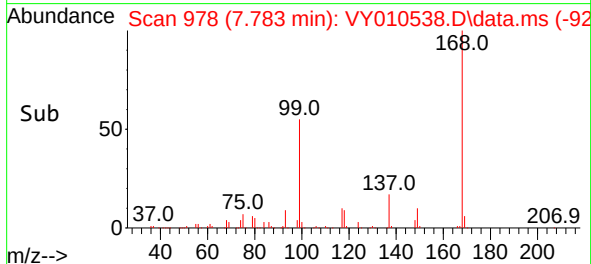
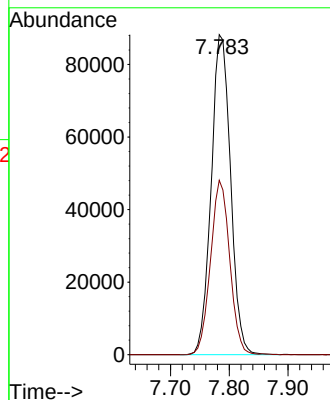
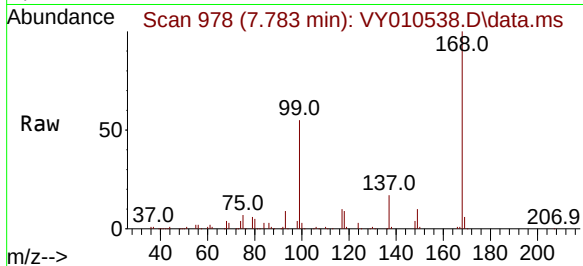




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010538.D
Acq: 16 Sep 2022 16:27

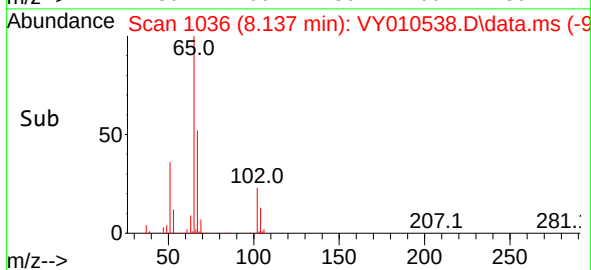
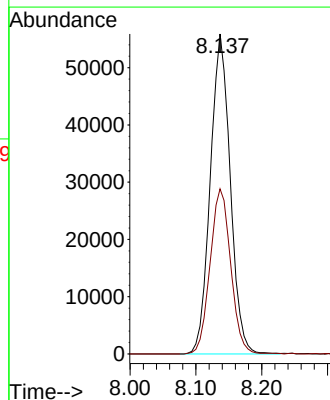
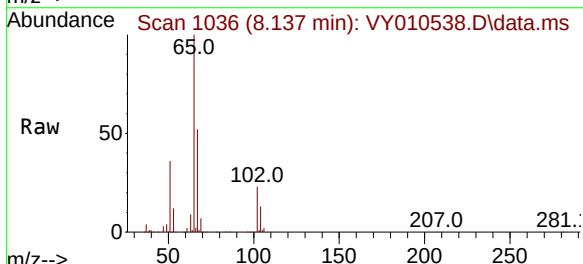
Instrument :
MSVOA_Y
ClientSampleId :
WC-17-4-5-GR

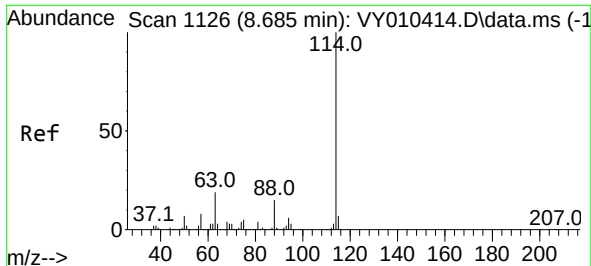
Tgt Ion:168 Resp: 202094
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.994 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010538.D
Acq: 16 Sep 2022 16:27

Tgt Ion: 65 Resp: 118041
Ion Ratio Lower Upper
65 100
67 53.2 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: VY010538.D

Acq: 16 Sep 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

WC-17-4-5-GR

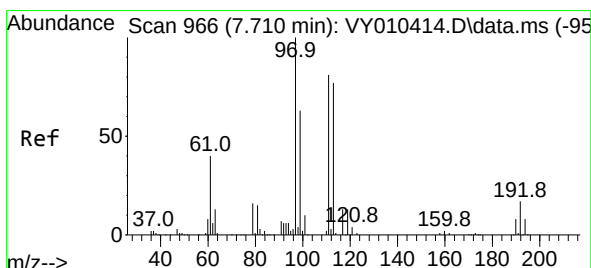
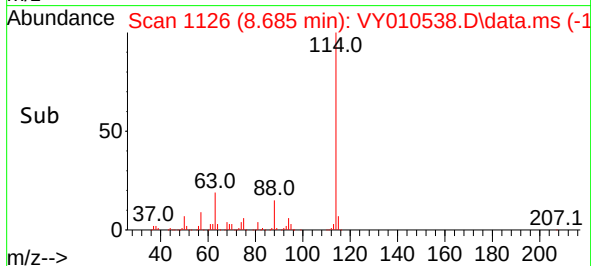
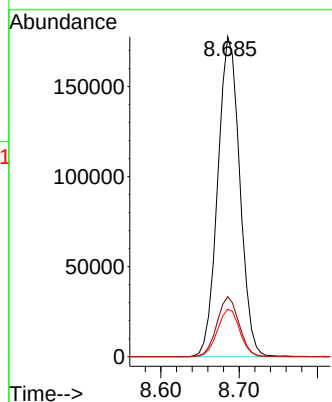
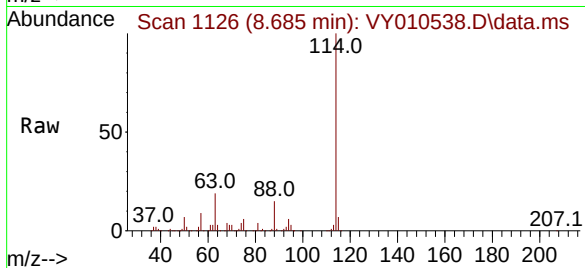
Tgt Ion:114 Resp: 348030

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.641 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010538.D

Acq: 16 Sep 2022 16:27

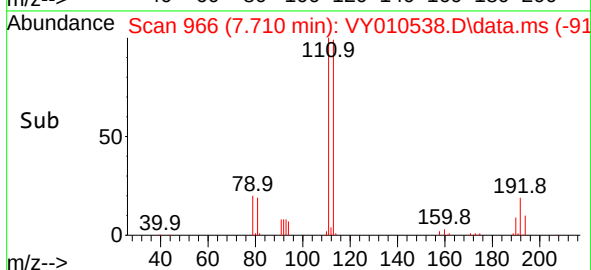
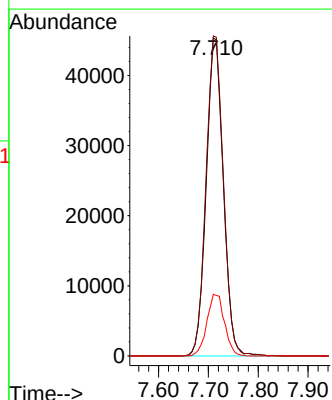
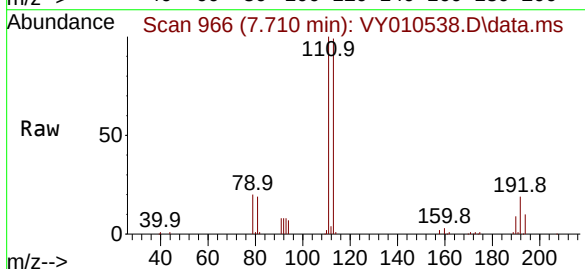
Tgt Ion:113 Resp: 107869

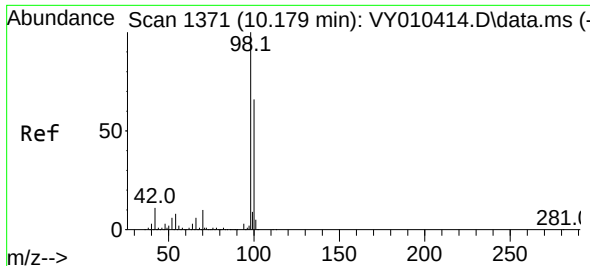
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 19.9 17.6 26.4

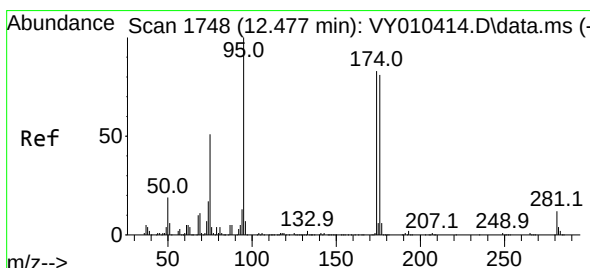
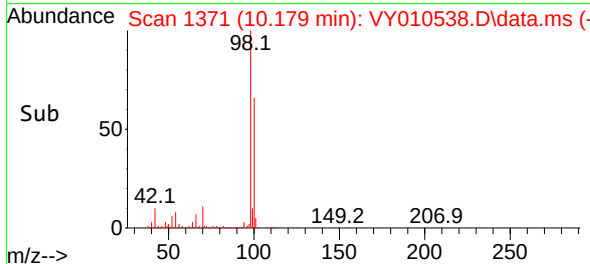
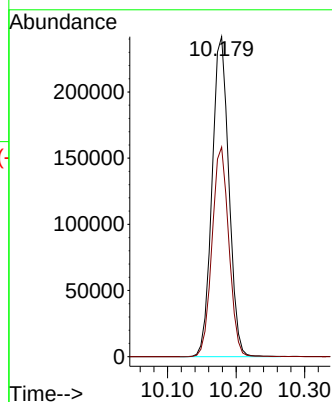
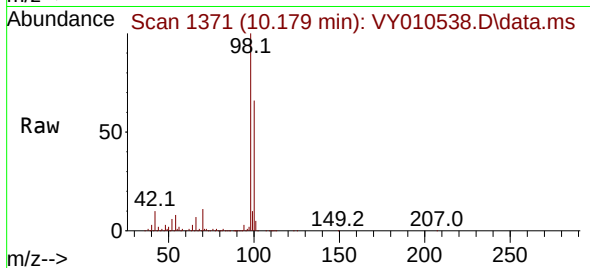




#50
Toluene-d8
Concen: 51.331 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010538.D
Acq: 16 Sep 2022 16:27

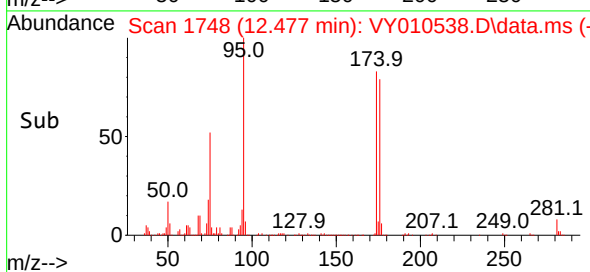
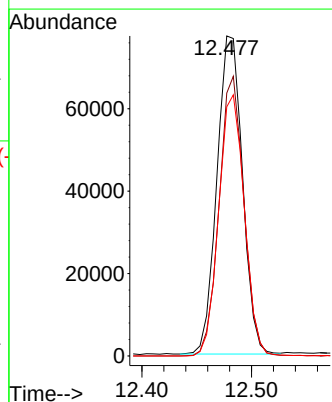
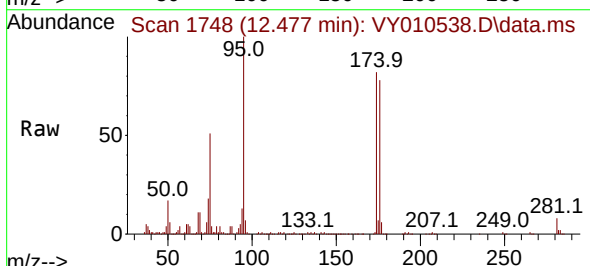
Instrument :
MSVOA_Y
ClientSampleId :
WC-17-4-5-GR

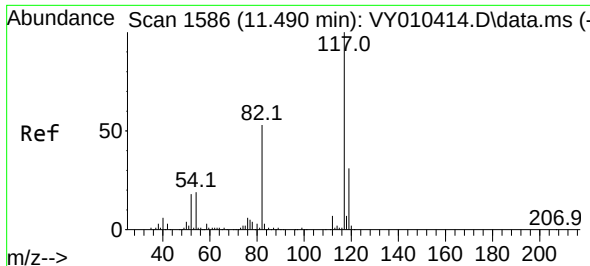
Tgt Ion: 98 Resp: 411197
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.922 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010538.D
Acq: 16 Sep 2022 16:27

Tgt Ion: 95 Resp: 125135
Ion Ratio Lower Upper
95 100
174 85.1 0.0 177.0
176 82.4 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: VY010538.D

Acq: 16 Sep 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

WC-17-4-5-GR

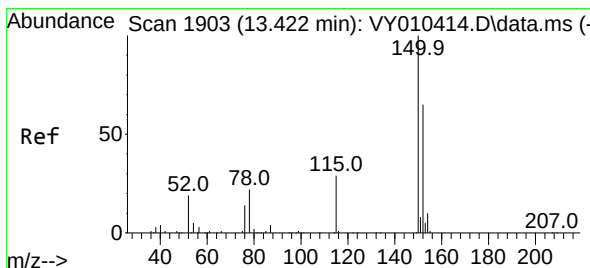
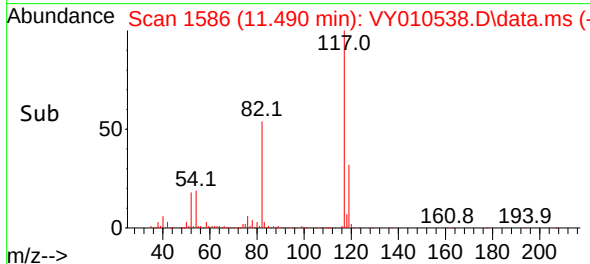
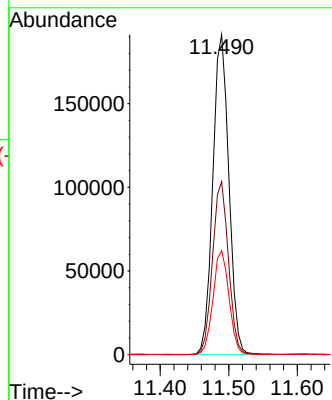
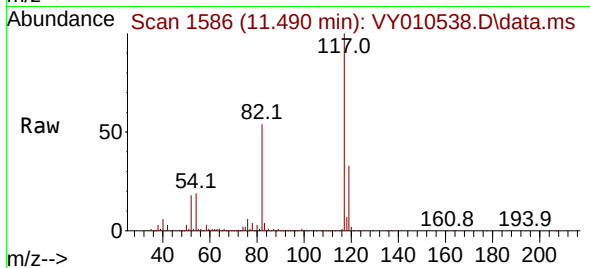
Tgt Ion:117 Resp: 310724

Ion Ratio Lower Upper

117 100

82 54.0 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: VY010538.D

Acq: 16 Sep 2022 16:27

Tgt Ion:152 Resp: 109388

Ion Ratio Lower Upper

152 100

115 58.4 28.2 84.7

150 156.4 0.0 347.6

