

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062722\
 Data File : VY009351.D
 Acq On : 27 Jun 2022 18:24
 Operator : KP/MD
 Sample : N3434-06
 Misc : 6.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B2205-35

Quant Time: Jun 28 04:31:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	125151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	210812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	191141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87865	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	52936	56.784	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.560%
35) Dibromofluoromethane	7.716	113	54657	48.034	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.060%
50) Toluene-d8	10.173	98	163384	49.009	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.020%
62) 4-Bromofluorobenzene	12.477	95	71262	43.973	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.940%

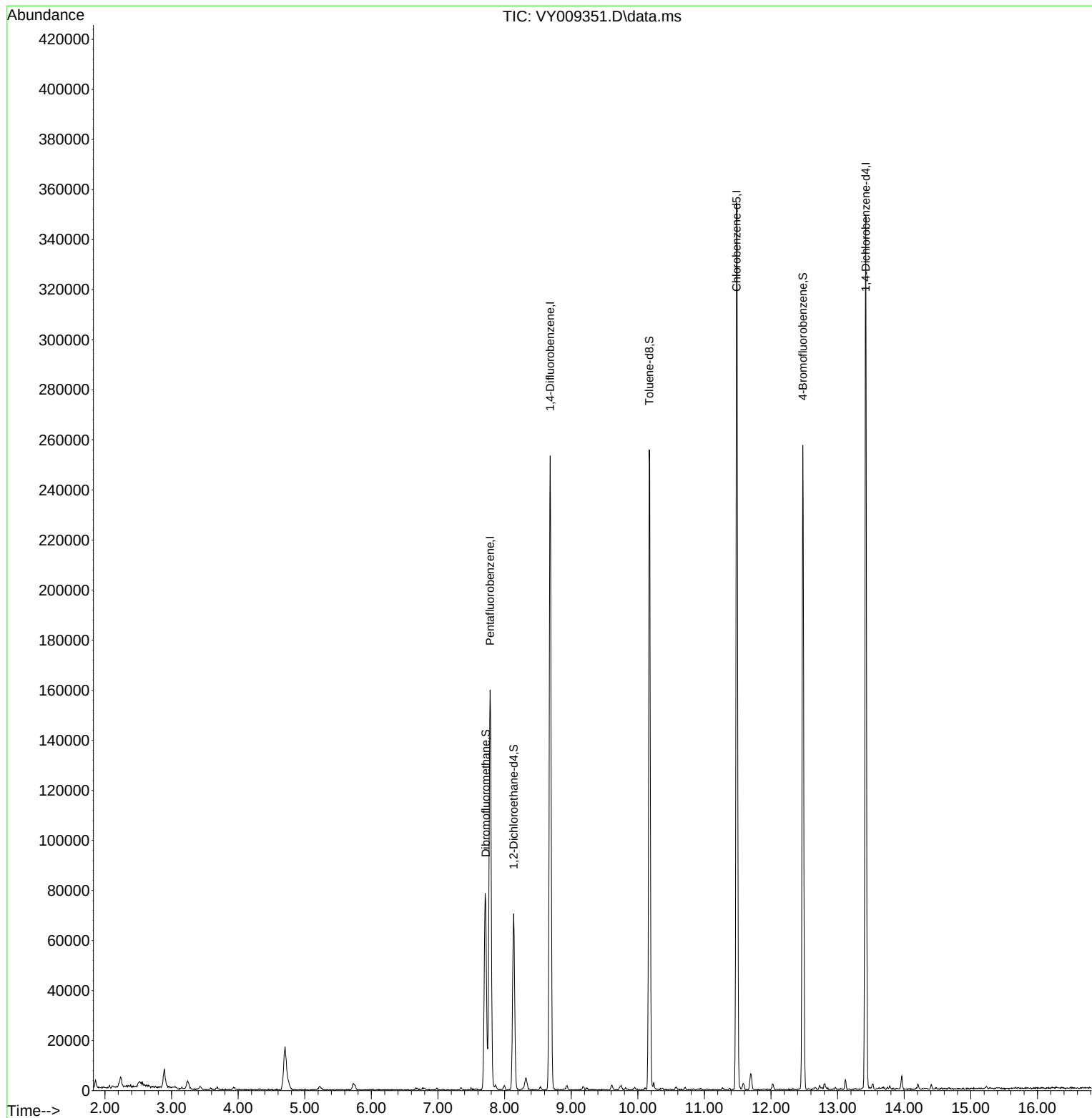
Target Compounds	Qvalue

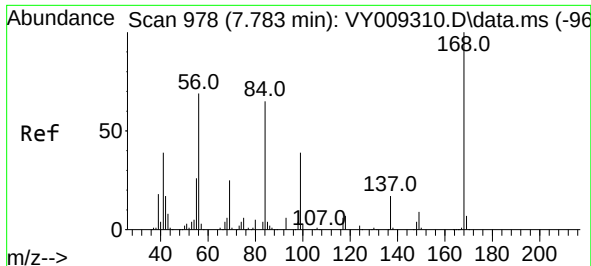
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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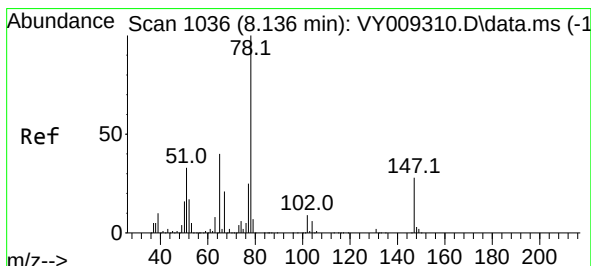
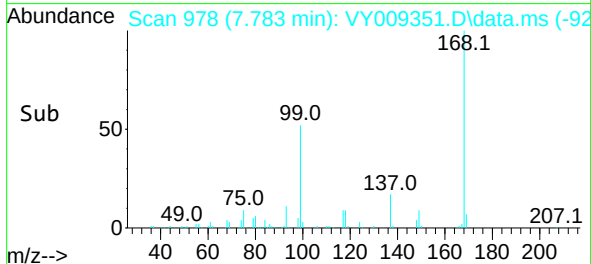
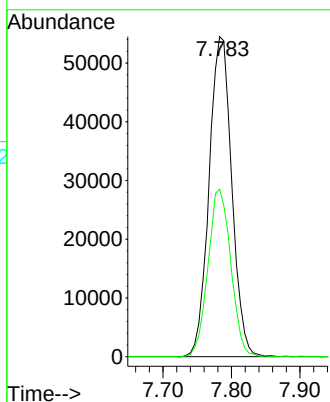
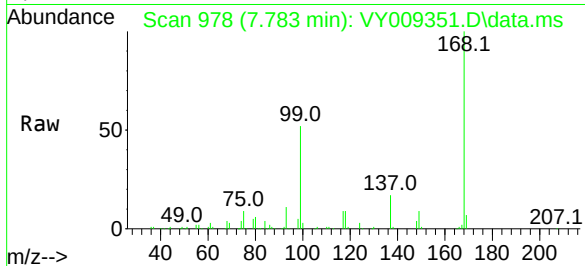




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009351.D
Acq: 27 Jun 2022 18:24

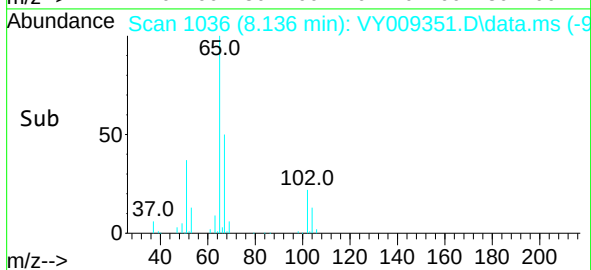
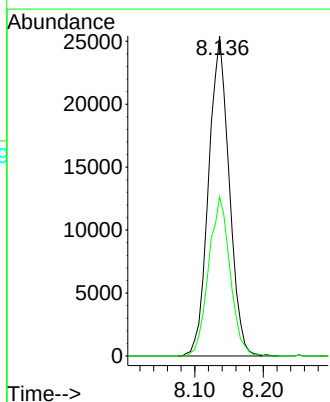
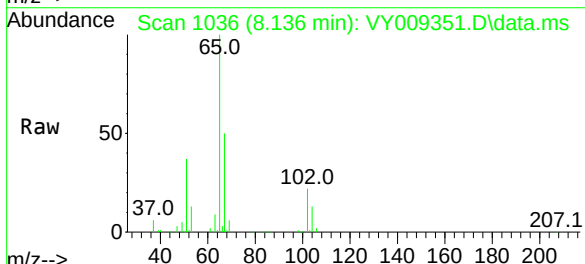
Instrument :
MSVOA_Y
ClientSampleId :
B2205-35

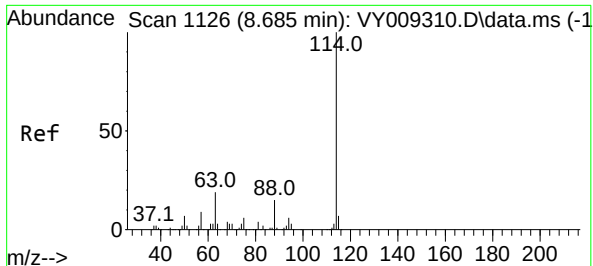
Tgt Ion:168 Resp: 125151
Ion Ratio Lower Upper
168 100
99 52.3 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 56.784 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009351.D
Acq: 27 Jun 2022 18:24

Tgt Ion: 65 Resp: 52936
Ion Ratio Lower Upper
65 100
67 51.7 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009351.D

Acq: 27 Jun 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

B2205-35

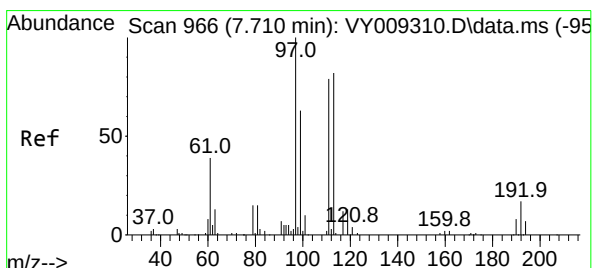
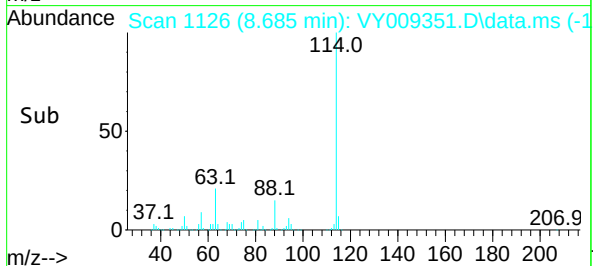
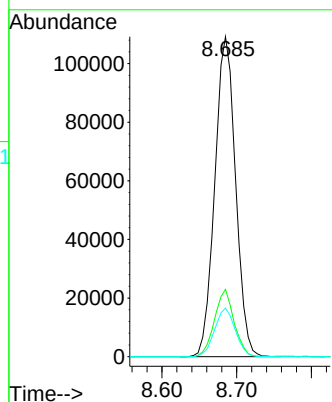
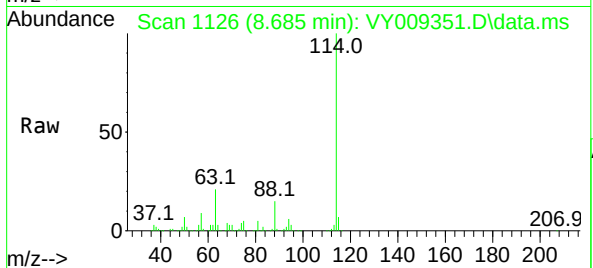
Tgt Ion:114 Resp: 210812

Ion Ratio Lower Upper

114 100

63 21.1 0.0 38.0

88 15.2 0.0 30.0



#35

Dibromofluoromethane

Concen: 48.034 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY009351.D

Acq: 27 Jun 2022 18:24

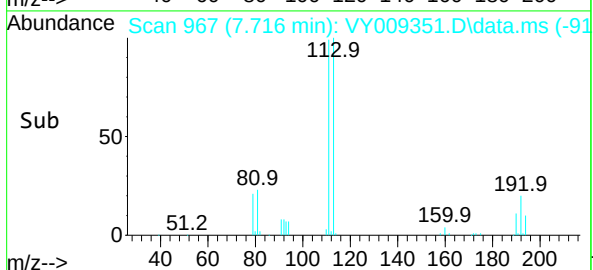
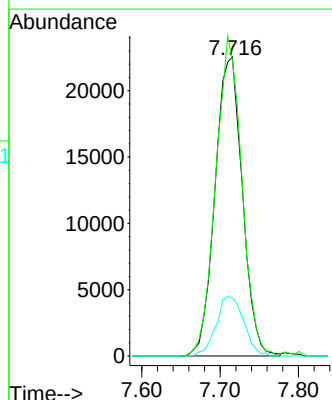
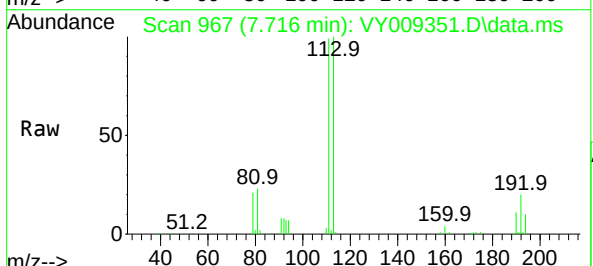
Tgt Ion:113 Resp: 54657

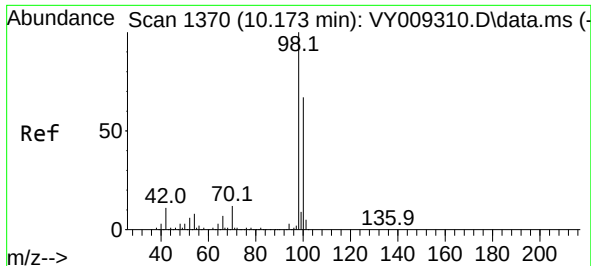
Ion Ratio Lower Upper

113 100

111 102.3 80.6 120.8

192 20.1 16.2 24.4

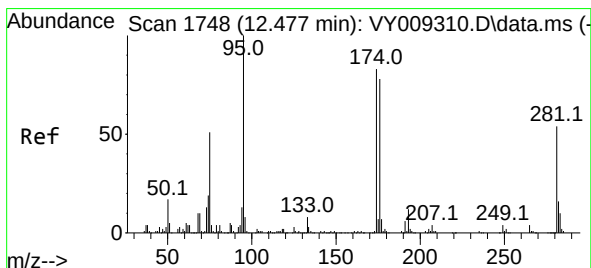
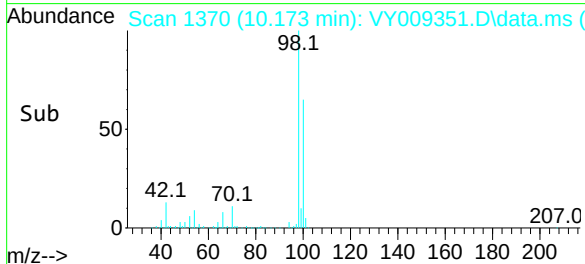
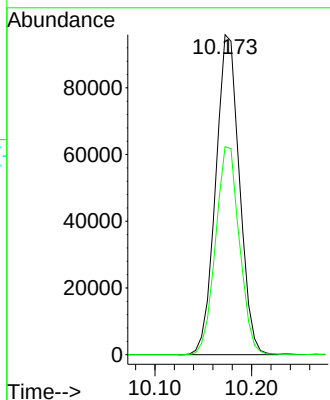
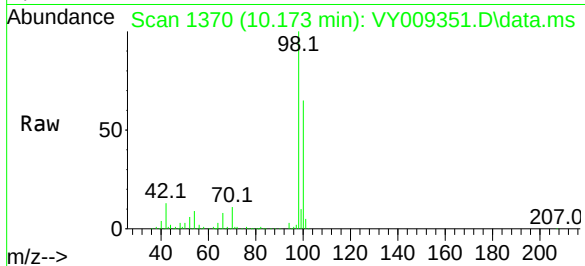




#50
Toluene-d8
Concen: 49.009 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009351.D
Acq: 27 Jun 2022 18:24

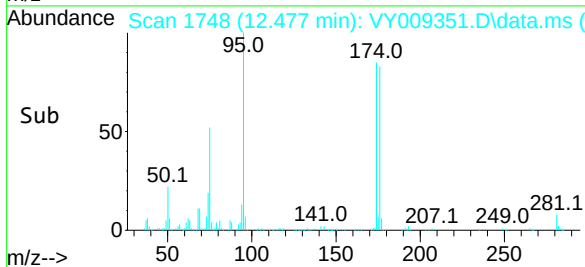
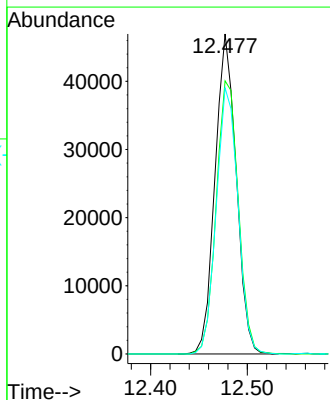
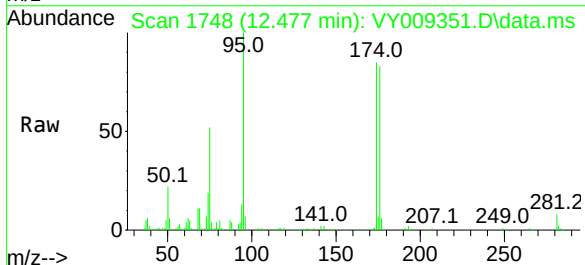
Instrument :
MSVOA_Y
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B2205-35

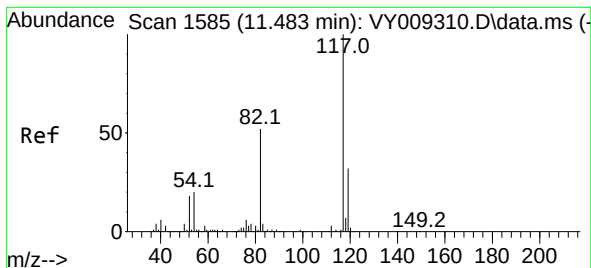
Tgt Ion: 98 Resp: 163384
Ion Ratio Lower Upper
98 100
100 65.4 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 43.973 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009351.D
Acq: 27 Jun 2022 18:24

Tgt Ion: 95 Resp: 71262
Ion Ratio Lower Upper
95 100
174 89.0 0.0 173.8
176 85.2 0.0 167.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009351.D

Acq: 27 Jun 2022 18:24

Instrument :

MSVOA_Y

ClientSampleId :

B2205-35

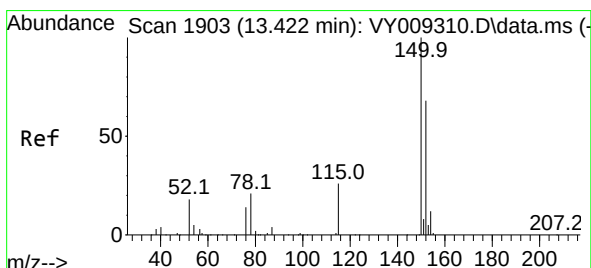
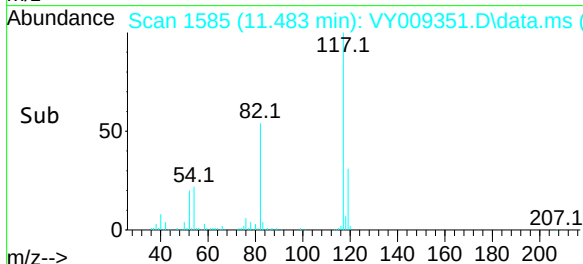
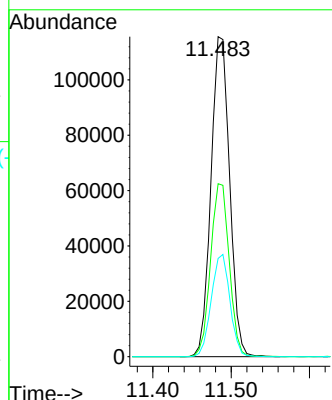
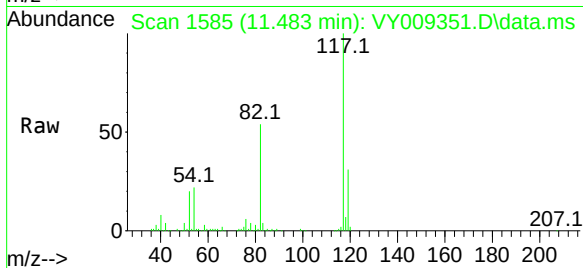
Tgt Ion:117 Resp: 191141

Ion Ratio Lower Upper

117 100

82 54.1 41.8 62.6

119 30.7 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009351.D

Acq: 27 Jun 2022 18:24

Tgt Ion:152 Resp: 87865

Ion Ratio Lower Upper

152 100

115 54.8 28.6 85.9

150 155.2 0.0 349.8

