

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092122\
 Data File : VY010592.D
 Acq On : 21 Sep 2022 11:48
 Operator : KP/MD
 Sample : VY0921SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0921SBL01

Quant Time: Sep 21 15:34:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	176023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	309493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	291186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131559	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	104148	61.860	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.720%
35) Dibromofluoromethane	7.716	113	96305	48.757	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.520%
50) Toluene-d8	10.179	98	369636	50.596	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.200%
62) 4-Bromofluorobenzene	12.483	95	122677	45.013	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.020%

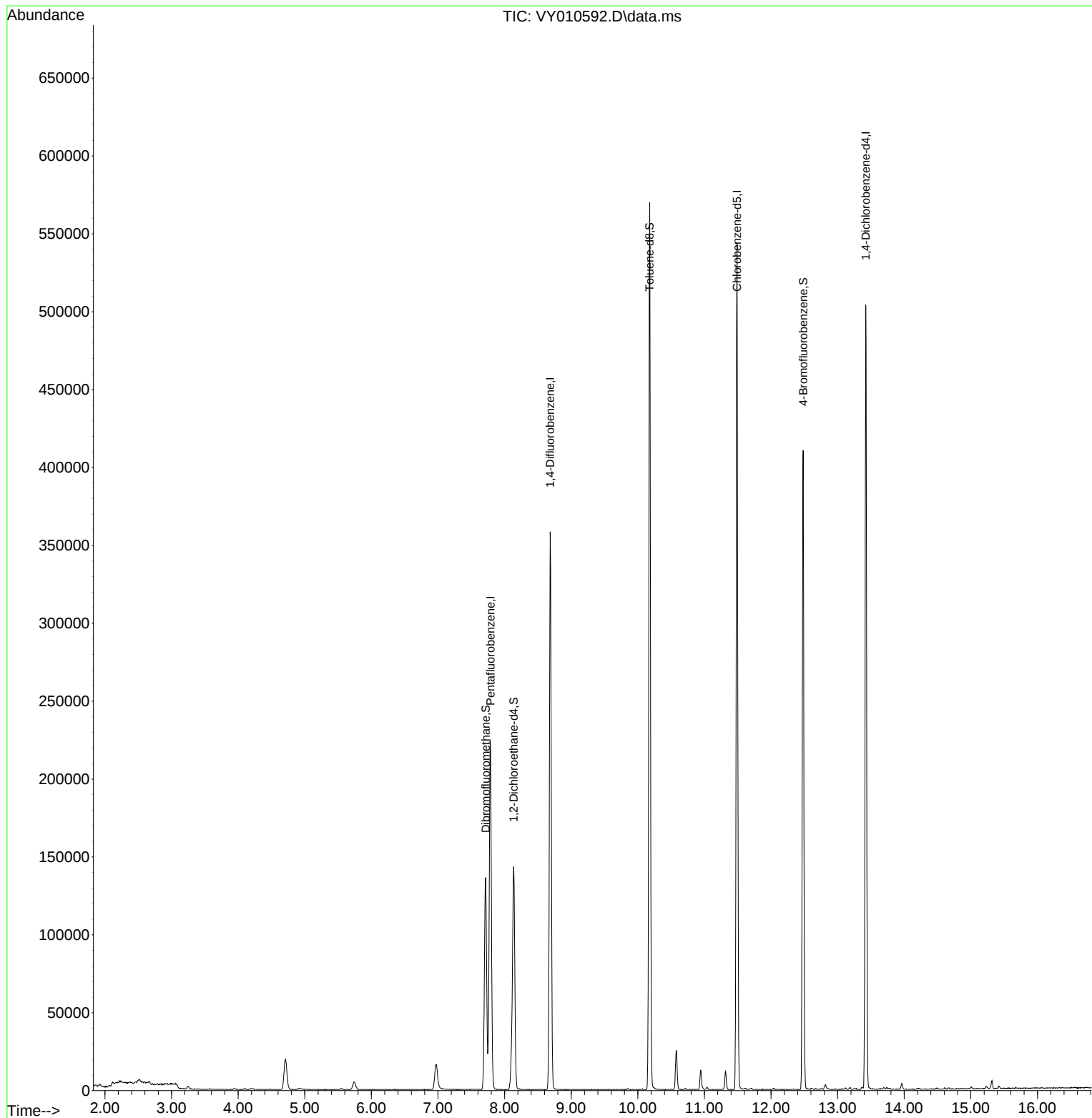
Target Compounds	Qvalue

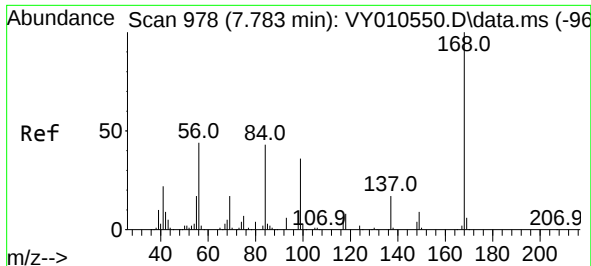
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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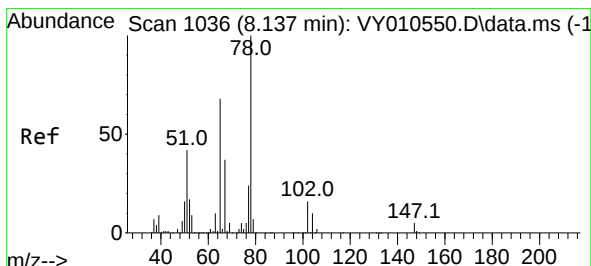
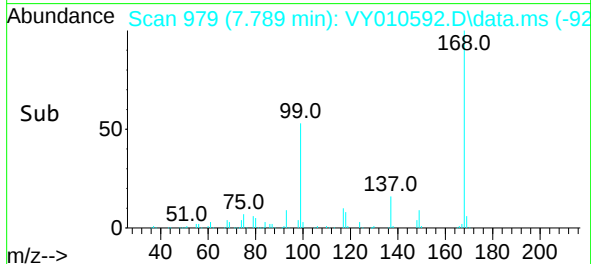
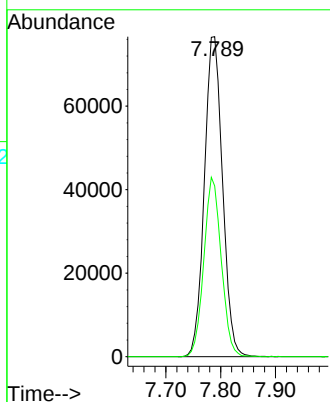
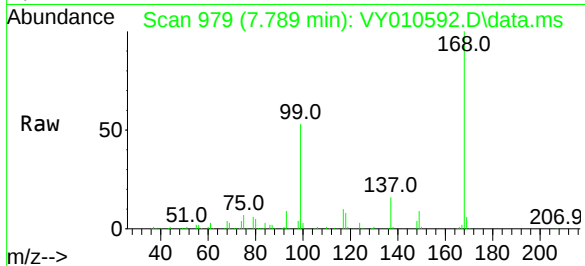




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010592.D
Acq: 21 Sep 2022 11:48

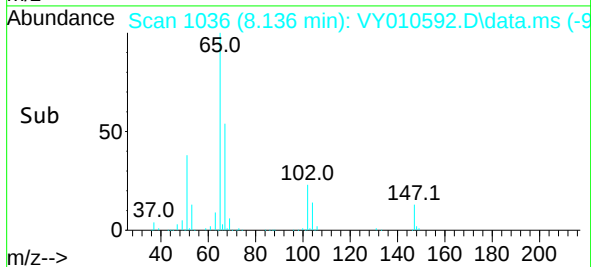
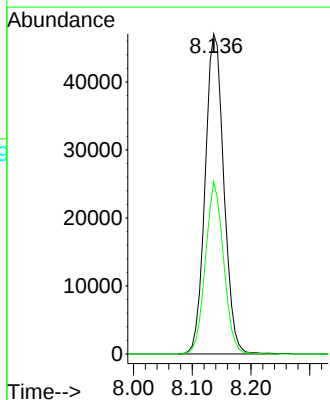
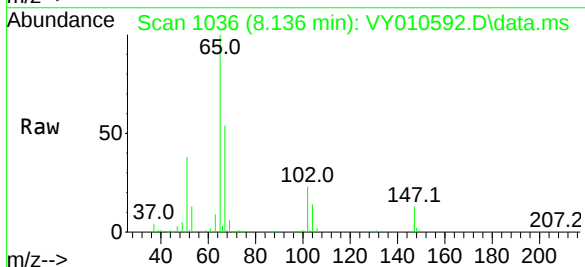
Instrument :
MSVOA_Y
ClientSampleId :
VY0921SBL01

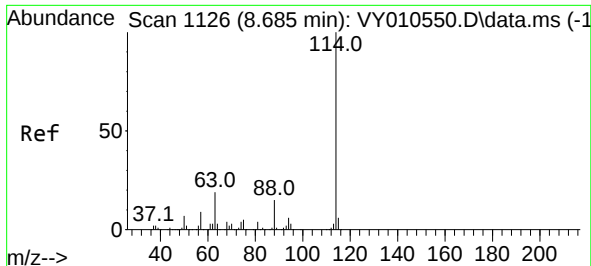
Tgt Ion:168 Resp: 176023
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.860 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010592.D
Acq: 21 Sep 2022 11:48

Tgt Ion: 65 Resp: 104148
Ion Ratio Lower Upper
65 100
67 52.4 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: VY010592.D

Acq: 21 Sep 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0921SBL01

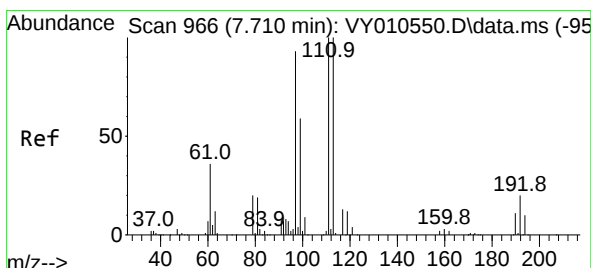
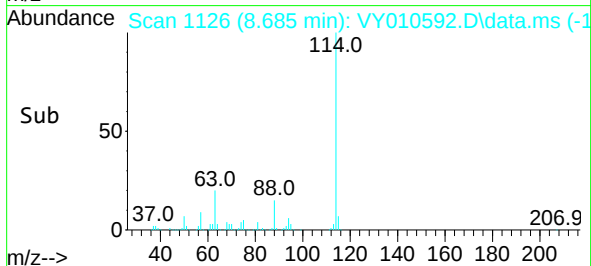
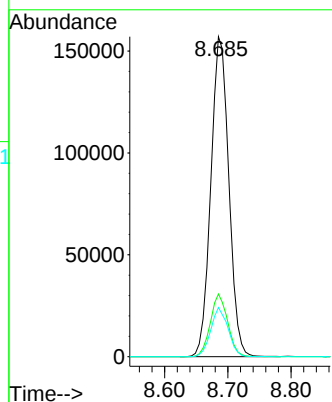
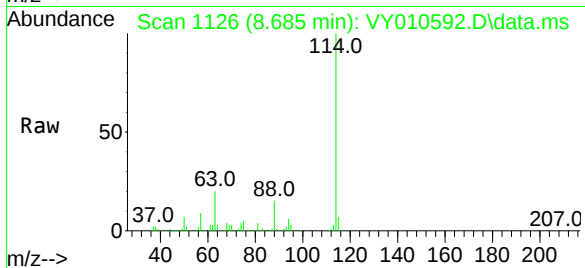
Tgt Ion:114 Resp: 309493

Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.757 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010592.D

Acq: 21 Sep 2022 11:48

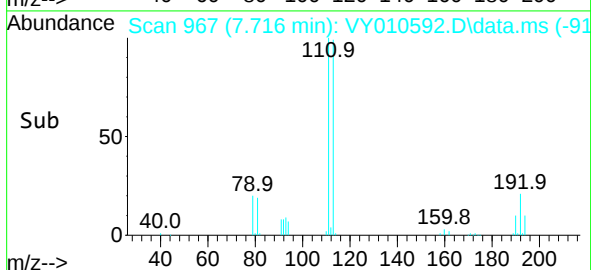
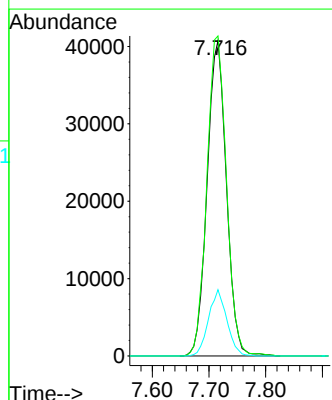
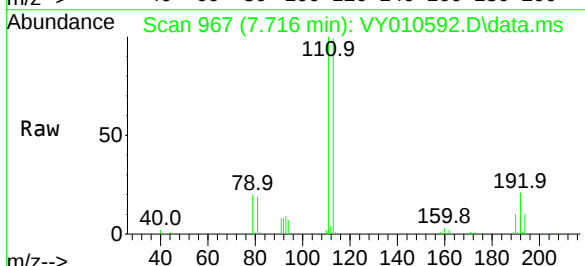
Tgt Ion:113 Resp: 96305

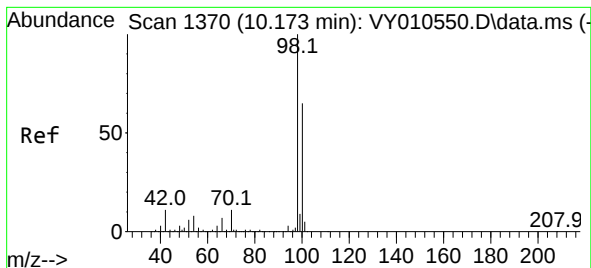
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 20.0 17.6 26.4





#50

Toluene-d8

Concen: 50.596 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010592.D

Acq: 21 Sep 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

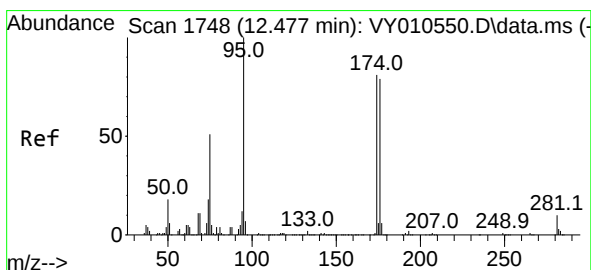
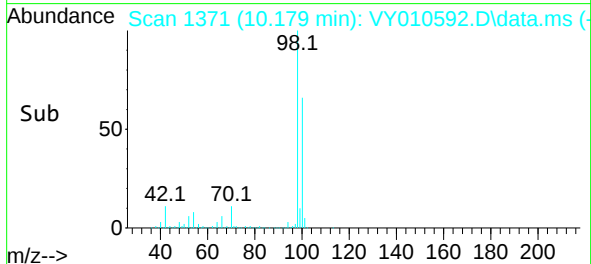
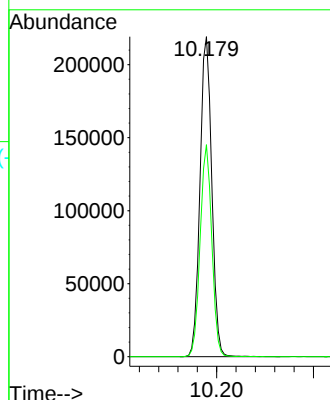
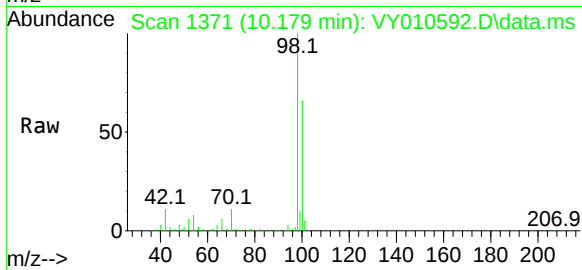
VY0921SBL01

Tgt Ion: 98 Resp: 369636

Ion Ratio Lower Upper

98 100

100 65.4 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 45.013 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY010592.D

Acq: 21 Sep 2022 11:48

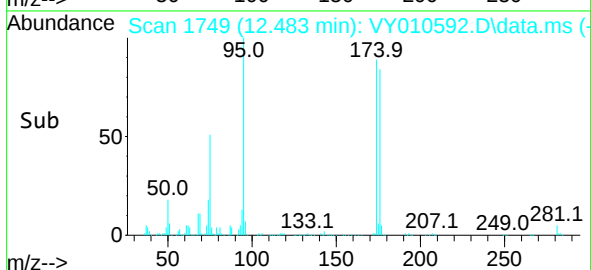
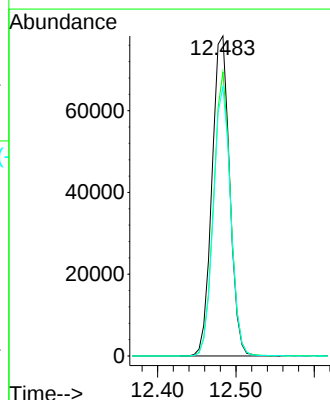
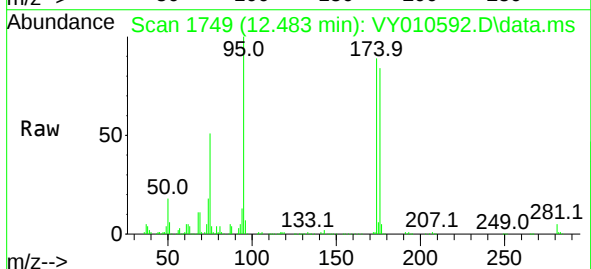
Tgt Ion: 95 Resp: 122677

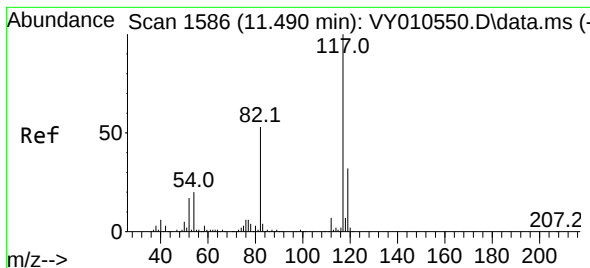
Ion Ratio Lower Upper

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: VY010592.D

Acq: 21 Sep 2022 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VY0921SBL01

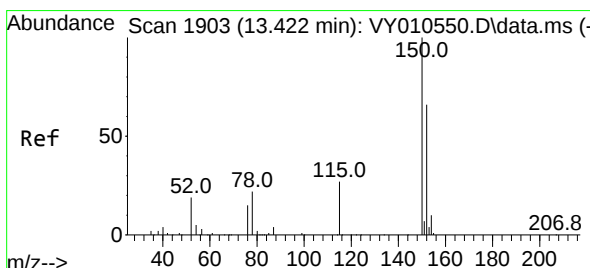
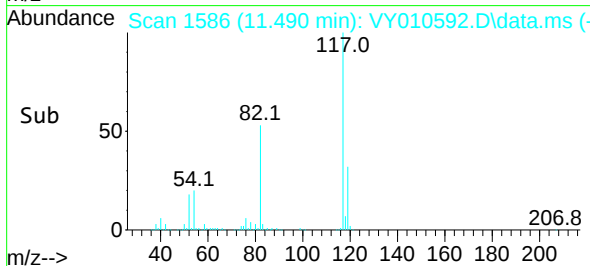
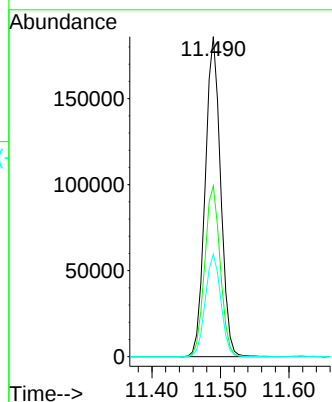
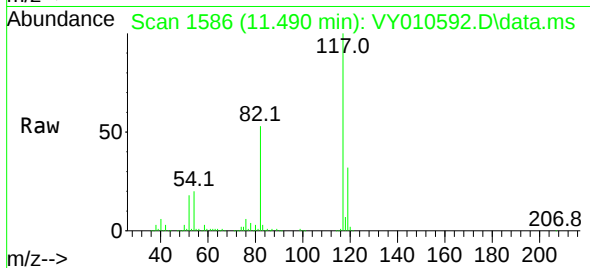
Tgt Ion:117 Resp: 291186

Ion Ratio Lower Upper

117 100

82 53.3 43.0 64.4

119 32.1 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: VY010592.D

Acq: 21 Sep 2022 11:48

Tgt Ion:152 Resp: 131559

Ion Ratio Lower Upper

152 100

115 58.1 28.2 84.7

150 155.7 0.0 347.6

