

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102522\
 Data File : VY011098.D
 Acq On : 25 Oct 2022 16:50
 Operator : KP/MD
 Sample : N5256-11
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-N3-11.5-12.0

Quant Time: Oct 26 09:00:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	382548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	668257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	578164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	252159	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	142838	40.535	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.060%
35) Dibromofluoromethane	7.710	113	152483	40.526	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.060%
50) Toluene-d8	10.179	98	506373	36.291	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	72.580%
62) 4-Bromofluorobenzene	12.477	95	171423	33.680	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	67.360%

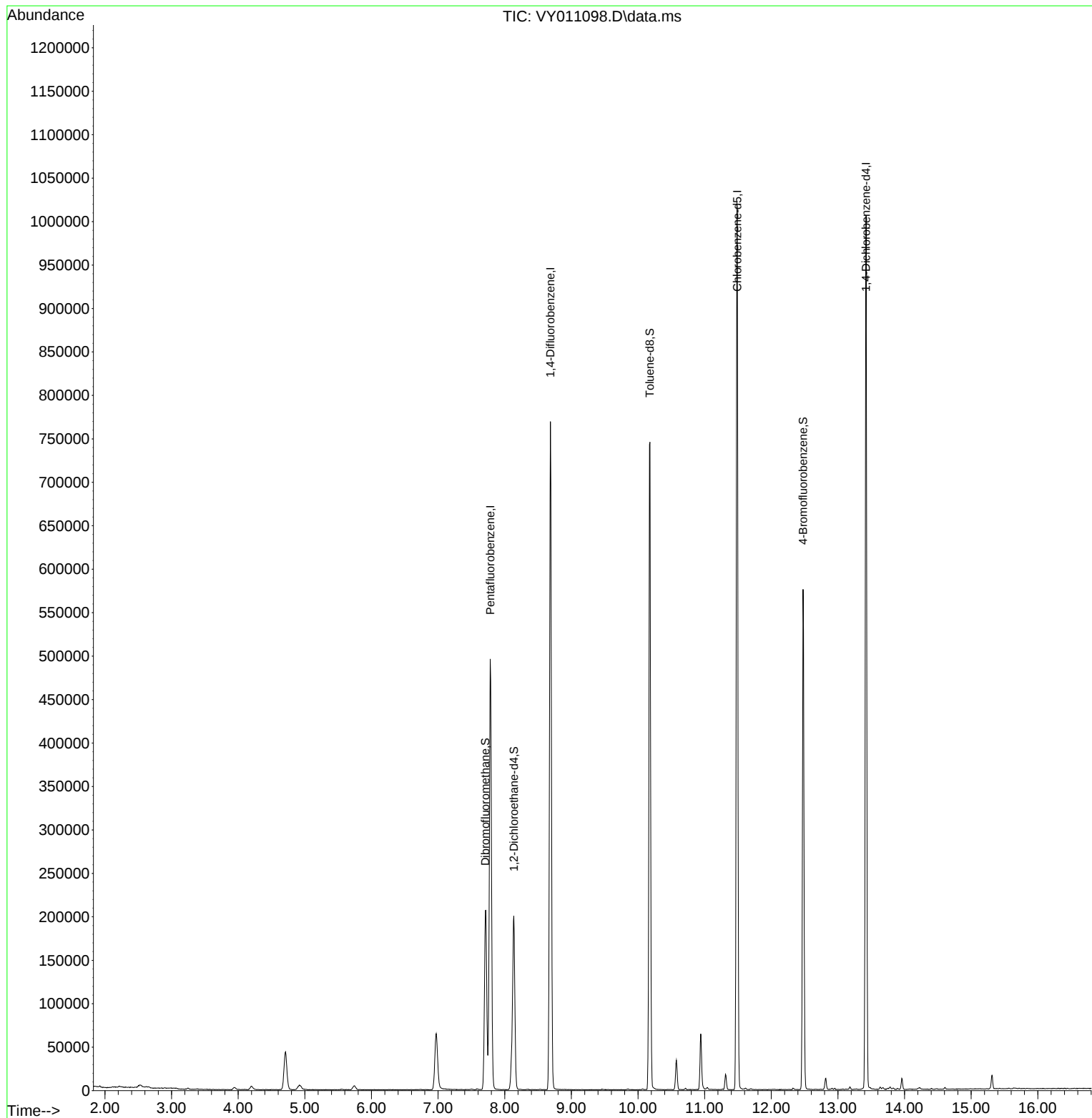
Target Compounds	Qvalue

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

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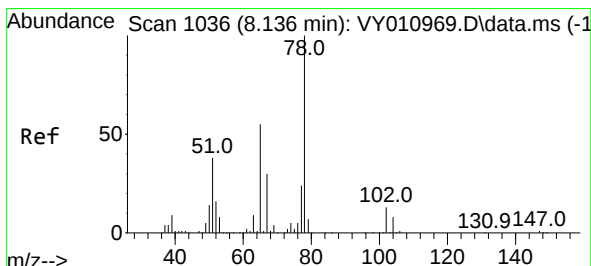
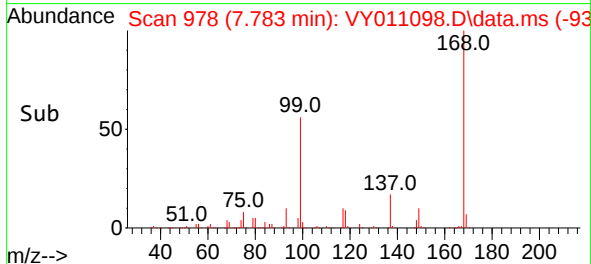
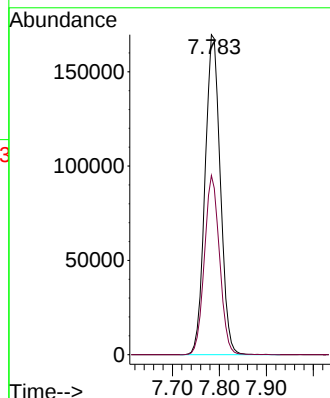
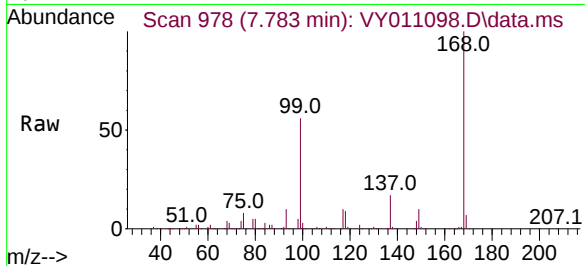




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011098.D
Acq: 25 Oct 2022 16:50

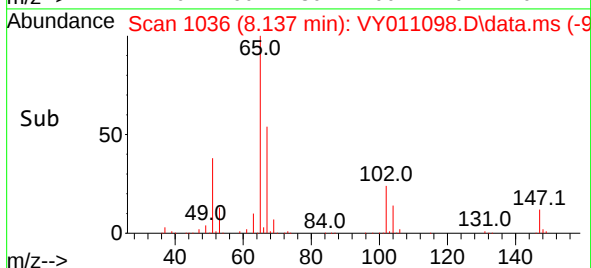
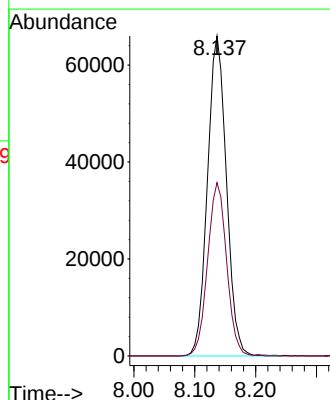
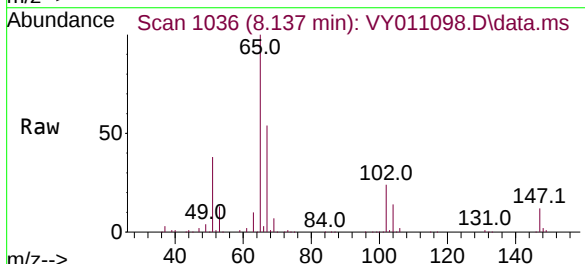
Instrument :
MSVOA_Y
ClientSampleId :
SB-N3-11.5-12.0

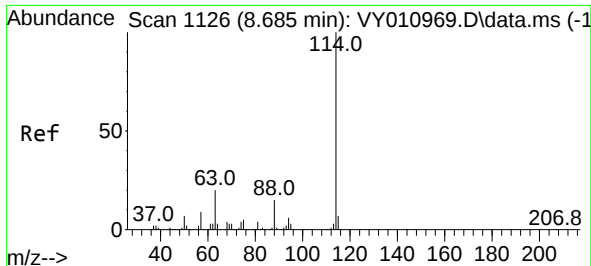
Tgt Ion:168 Resp: 382548
Ion Ratio Lower Upper
168 100
99 56.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 40.535 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011098.D
Acq: 25 Oct 2022 16:50

Tgt Ion: 65 Resp: 142838
Ion Ratio Lower Upper
65 100
67 54.3 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: VY011098.D

Acq: 25 Oct 2022 16:50

Instrument :

MSVOA_Y

ClientSampleId :

SB-N3-11.5-12.0

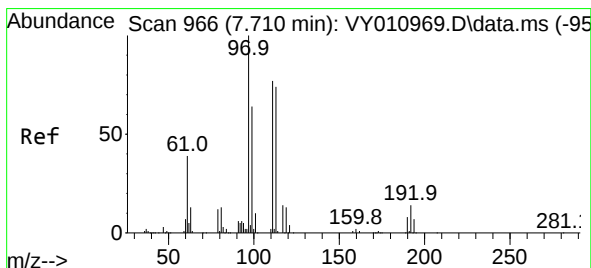
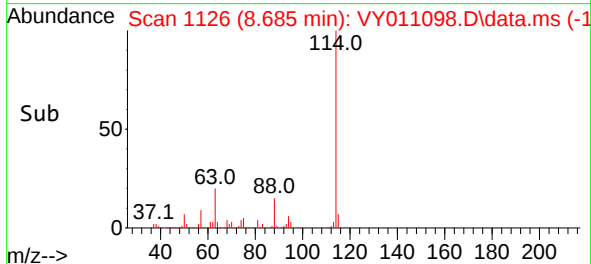
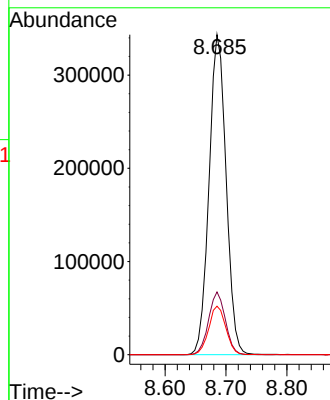
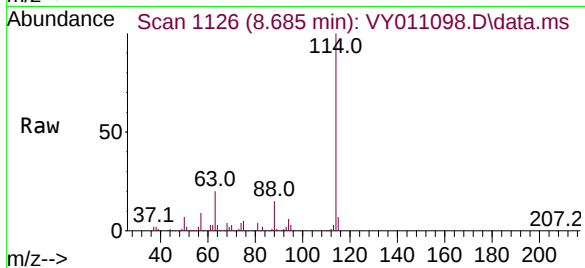
Tgt Ion:114 Resp: 668257

Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 40.526 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY011098.D

Acq: 25 Oct 2022 16:50

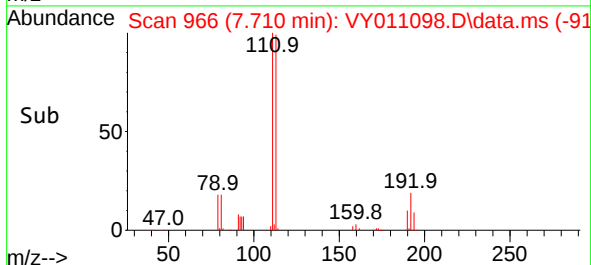
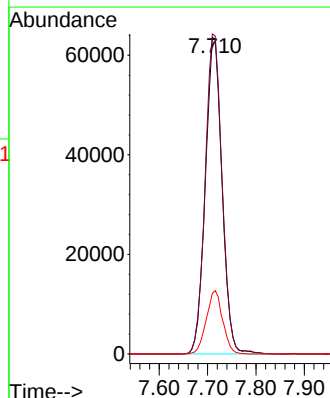
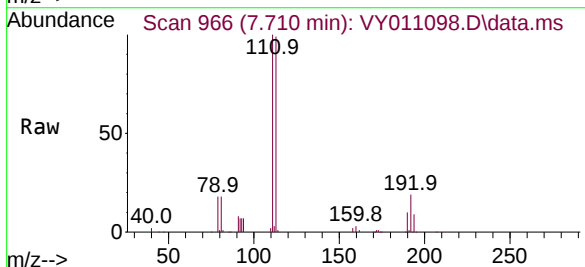
Tgt Ion:113 Resp: 152483

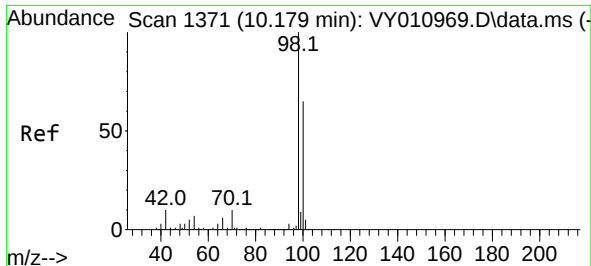
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 19.6 17.6 26.4

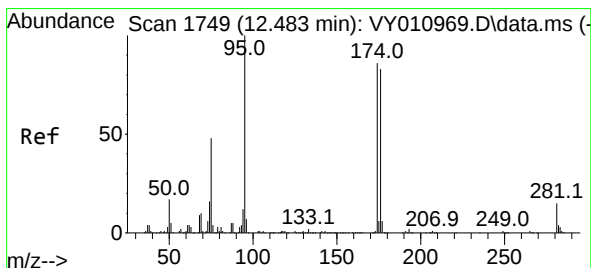
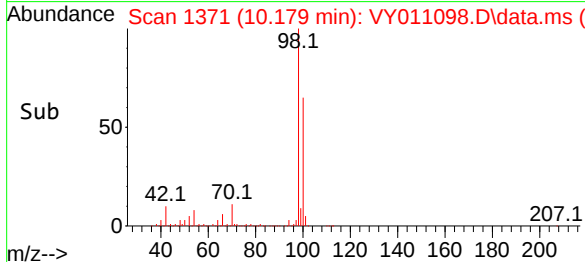
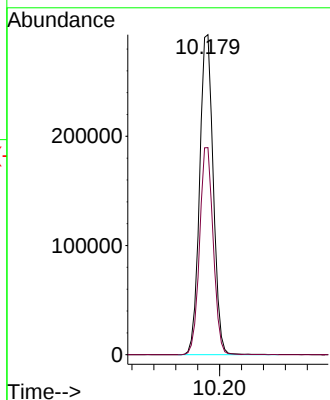
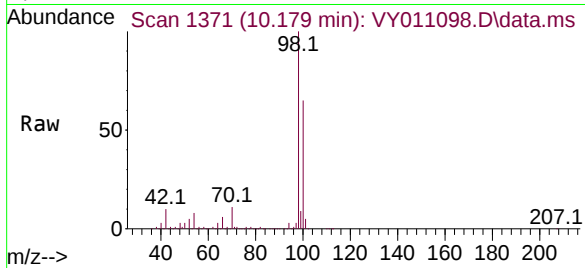




#50
Toluene-d8
Concen: 36.291 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011098.D
Acq: 25 Oct 2022 16:50

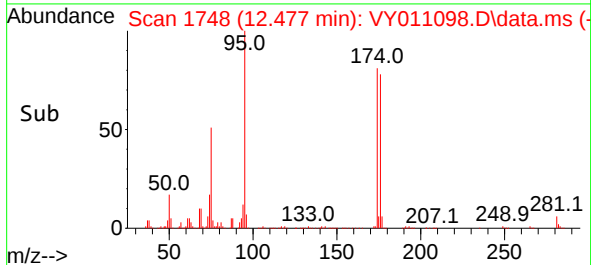
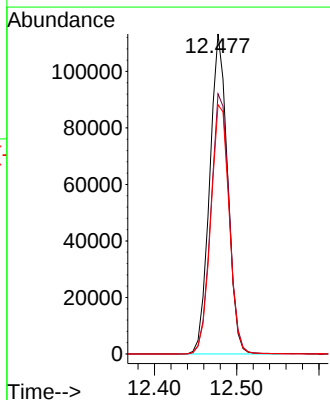
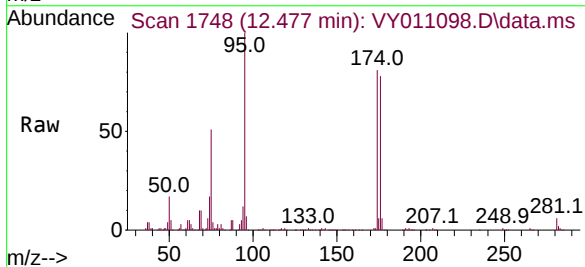
Instrument :
MSVOA_Y
ClientSampleId :
SB-N3-11.5-12.0

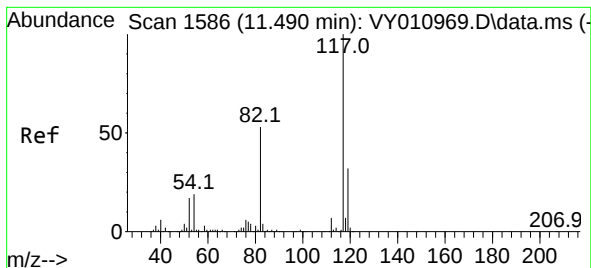
Tgt Ion: 98 Resp: 506373
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 33.680 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011098.D
Acq: 25 Oct 2022 16:50

Tgt Ion: 95 Resp: 171423
Ion Ratio Lower Upper
95 100
174 83.5 0.0 177.0
176 80.3 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: VY011098.D

Acq: 25 Oct 2022 16:50

Instrument :

MSVOA_Y

ClientSampleId :

SB-N3-11.5-12.0

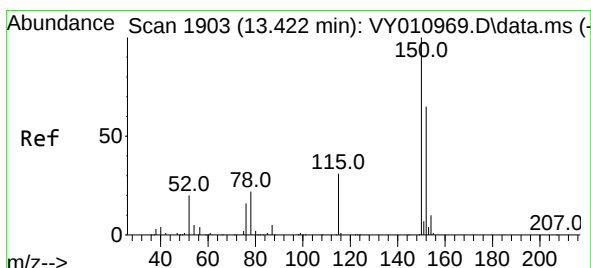
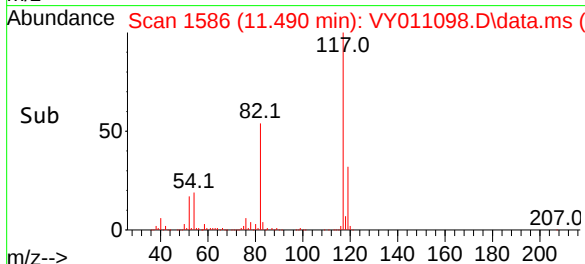
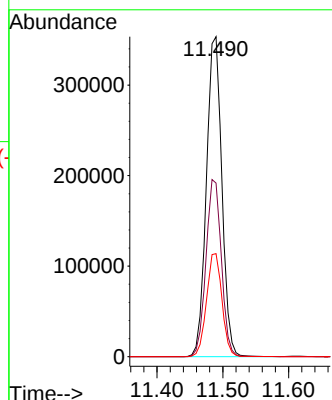
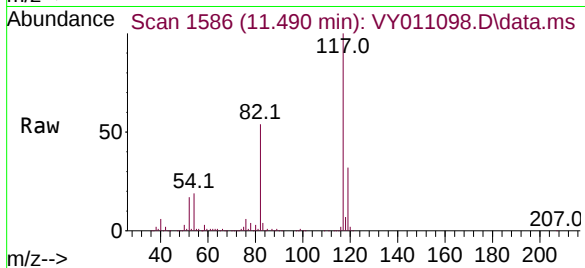
Tgt Ion:117 Resp: 578164

Ion Ratio Lower Upper

117 100

82 54.2 43.0 64.4

119 32.2 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: VY011098.D

Acq: 25 Oct 2022 16:50

Tgt Ion:152 Resp: 252159

Ion Ratio Lower Upper

152 100

115 58.6 28.2 84.7

150 156.7 0.0 347.6

