

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121522\
 Data File : VY011877.D
 Acq On : 15 Dec 2022 17:15
 Operator : KP/MD
 Sample : N6038-23
 Misc : 2.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-40-(3-5)

Quant Time: Dec 16 00:15:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	294535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	495173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	433243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	194936	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	105263	52.625	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.240%
35) Dibromofluoromethane	7.716	113	120878	55.361	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.720%
50) Toluene-d8	10.179	98	340454	46.771	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.540%
62) 4-Bromofluorobenzene	12.483	95	166301	58.724	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.440%

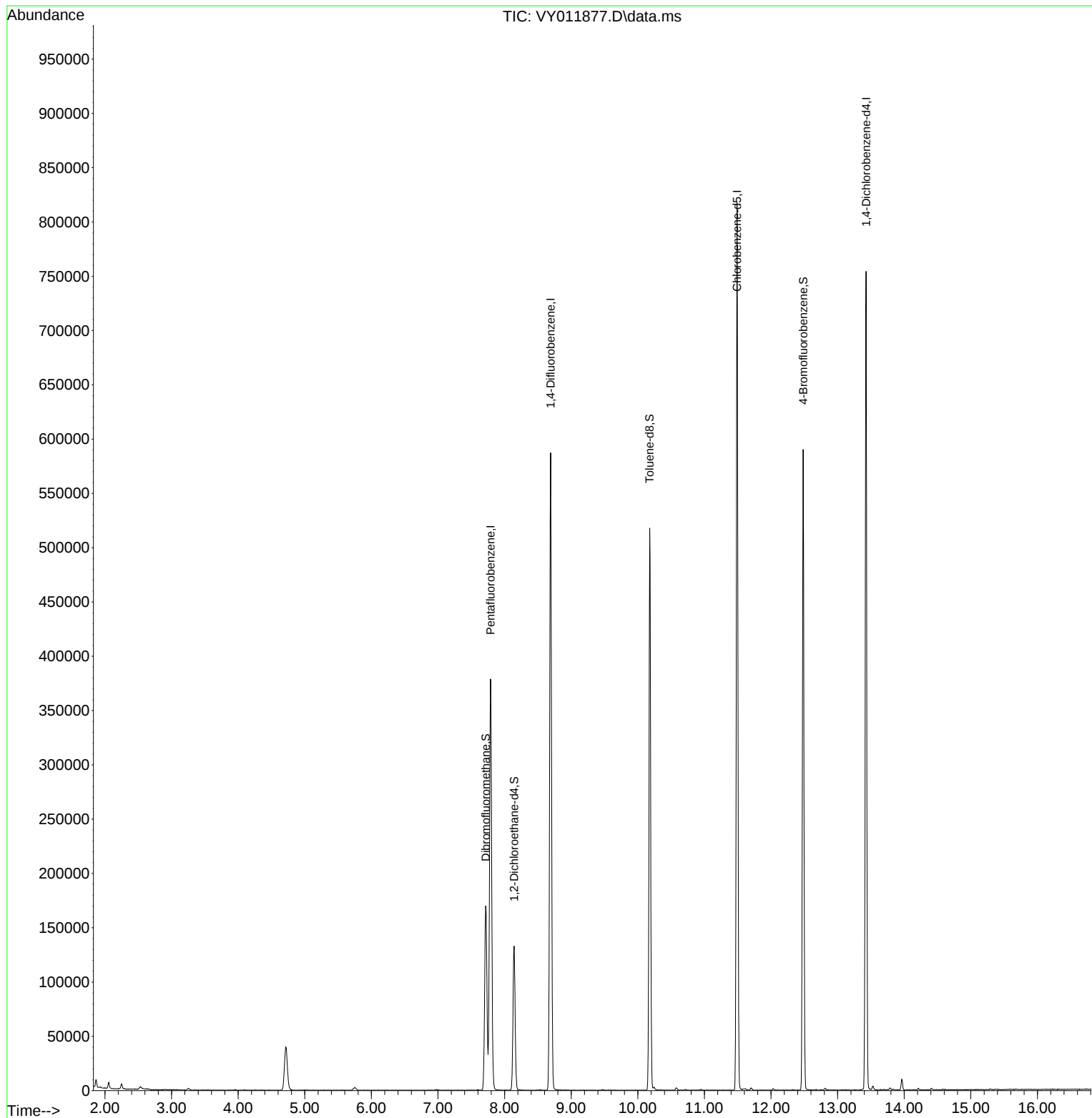
Target Compounds	Qvalue

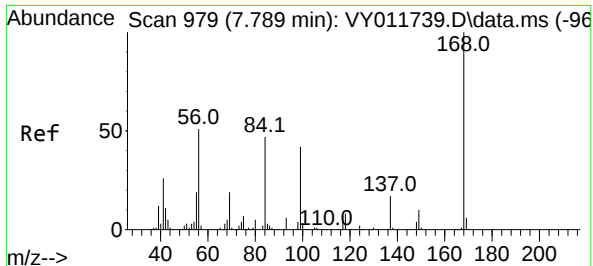
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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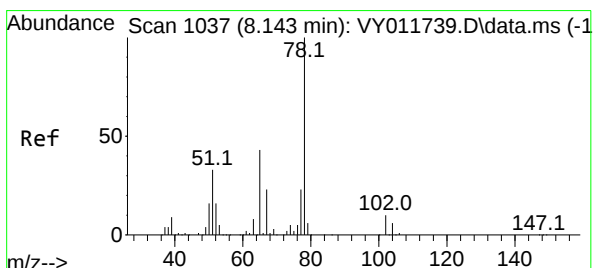
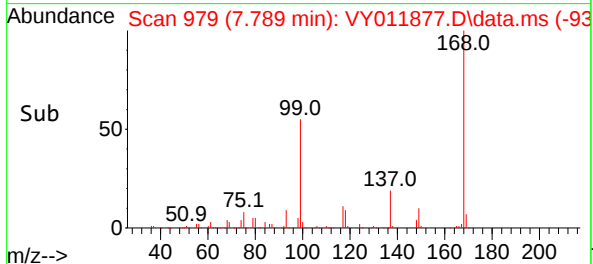
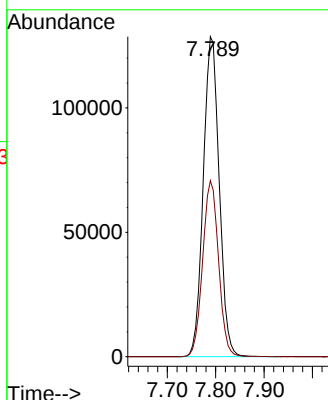
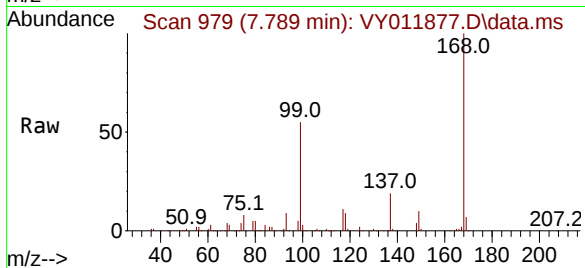




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011877.D
Acq: 15 Dec 2022 17:15

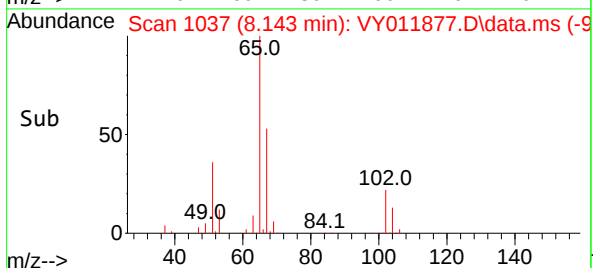
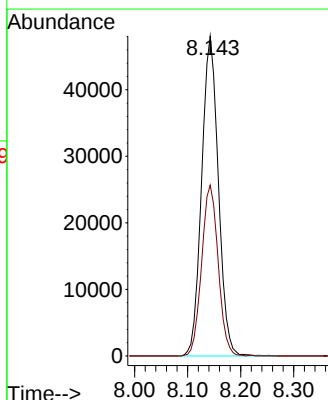
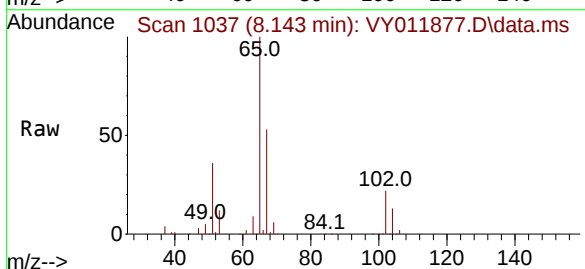
Instrument :
MSVOA_Y
ClientSampleId :
RB-40-(3-5)

Tgt Ion:168 Resp: 294535
Ion Ratio Lower Upper
168 100
99 55.0 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 52.625 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011877.D
Acq: 15 Dec 2022 17:15

Tgt Ion: 65 Resp: 105263
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.2

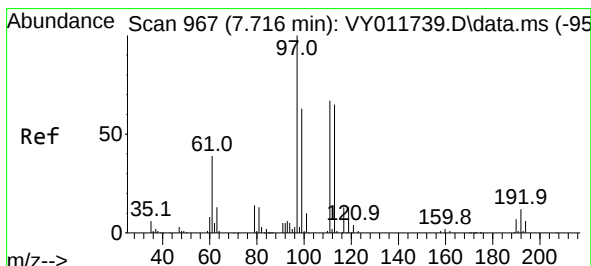
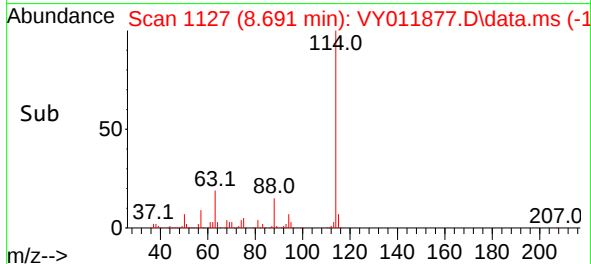
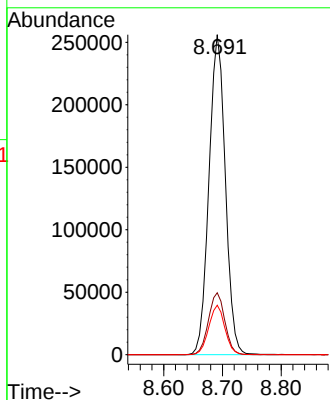
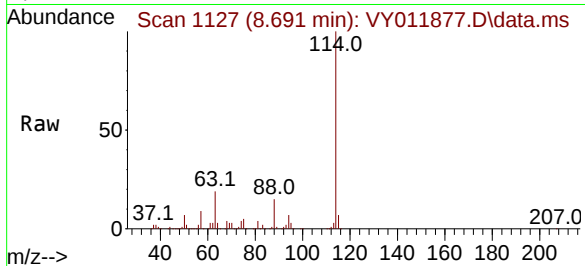




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011877.D
Acq: 15 Dec 2022 17:15

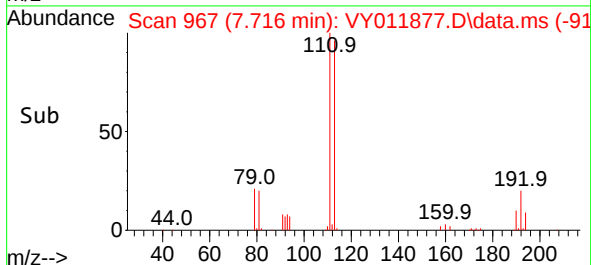
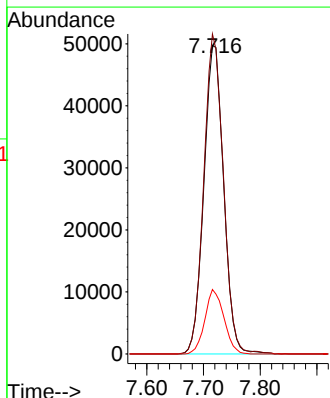
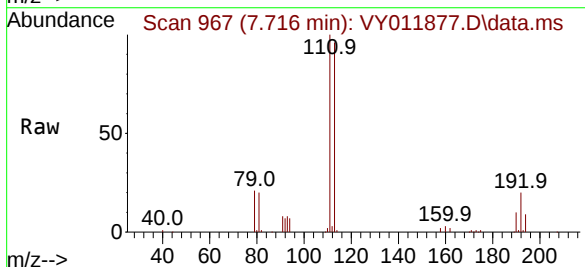
Instrument :
MSVOA_Y
ClientSampleId :
RB-40-(3-5)

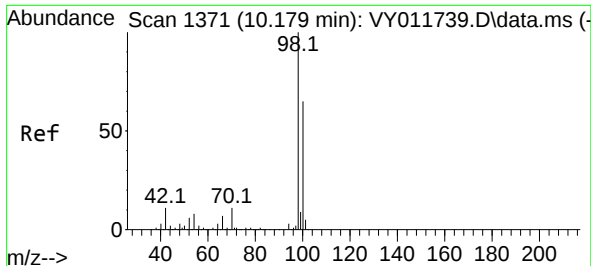
Tgt Ion:114 Resp: 495173
Ion Ratio Lower Upper
114 100
63 19.3 0.0 39.6
88 15.5 0.0 32.2



#35
Dibromofluoromethane
Concen: 55.361 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY011877.D
Acq: 15 Dec 2022 17:15

Tgt Ion:113 Resp: 120878
Ion Ratio Lower Upper
113 100
111 102.2 83.0 124.4
192 20.1 16.0 24.0

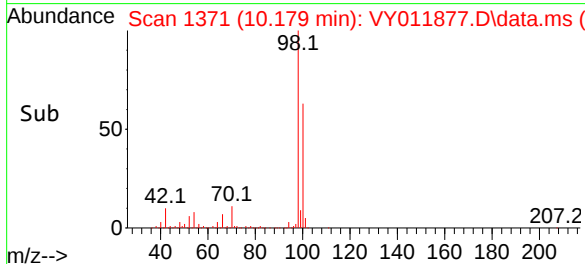
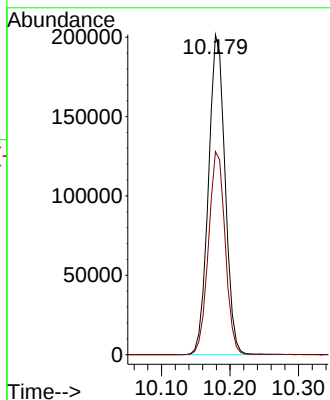
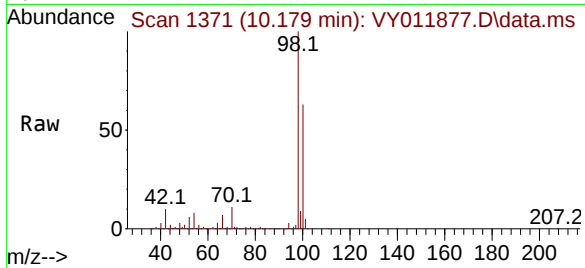




#50
Toluene-d8
Concen: 46.771 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011877.D
Acq: 15 Dec 2022 17:15

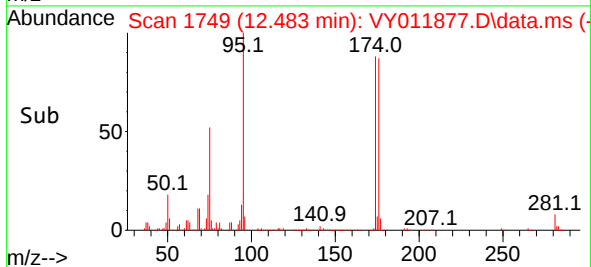
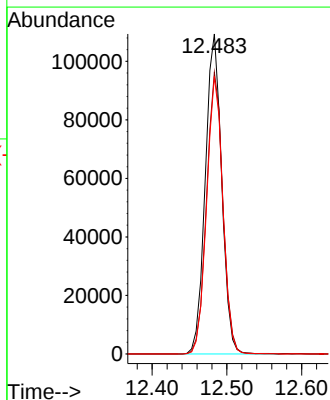
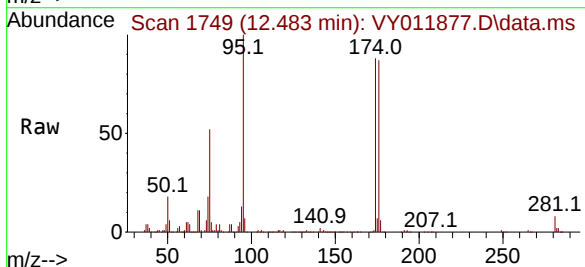
Instrument :
MSVOA_Y
ClientSampleId :
RB-40-(3-5)

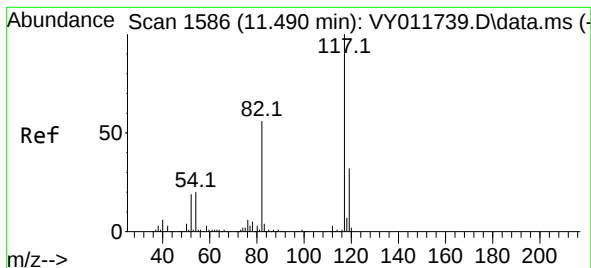
Tgt Ion: 98 Resp: 340454
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 58.724 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011877.D
Acq: 15 Dec 2022 17:15

Tgt Ion: 95 Resp: 166301
Ion Ratio Lower Upper
95 100
174 88.1 0.0 172.0
176 85.7 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011877.D

Acq: 15 Dec 2022 17:15

Instrument :

MSVOA_Y

ClientSampleId :

RB-40-(3-5)

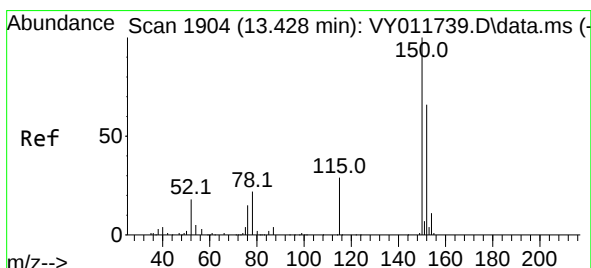
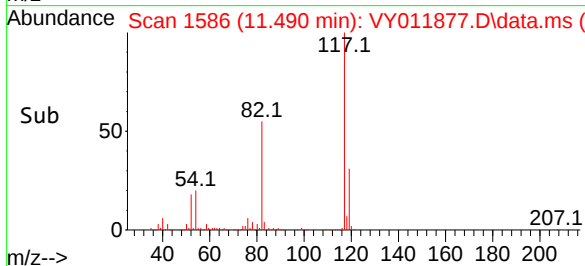
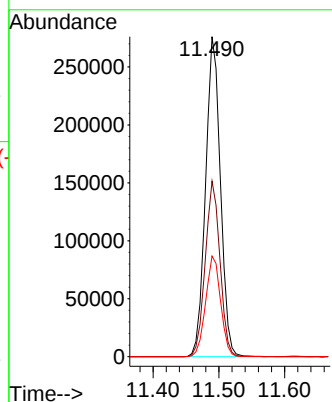
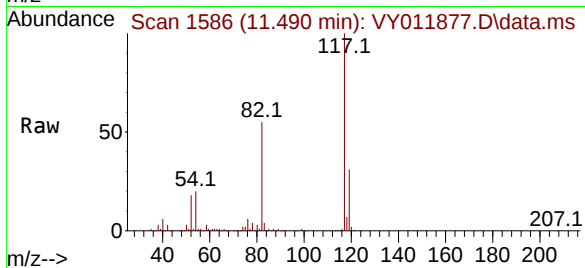
Tgt Ion:117 Resp: 433243

Ion Ratio Lower Upper

117 100

82 54.9 44.8 67.2

119 31.5 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY011877.D

Acq: 15 Dec 2022 17:15

Tgt Ion:152 Resp: 194936

Ion Ratio Lower Upper

152 100

115 57.9 29.1 87.3

150 157.3 0.0 342.6

