

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011804.D
 Acq On : 13 Dec 2022 19:12
 Operator : KP/MD
 Sample : N6037-09
 Misc : 5.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-22-(8-10)

Quant Time: Dec 13 22:19:45 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	276884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	466240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	401912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	185998	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	95747	50.747	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.500%
35) Dibromofluoromethane	7.716	113	98677	47.437	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.880%
50) Toluene-d8	10.179	98	292046	41.930	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.860%
62) 4-Bromofluorobenzene	12.483	95	114075	41.417	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.840%

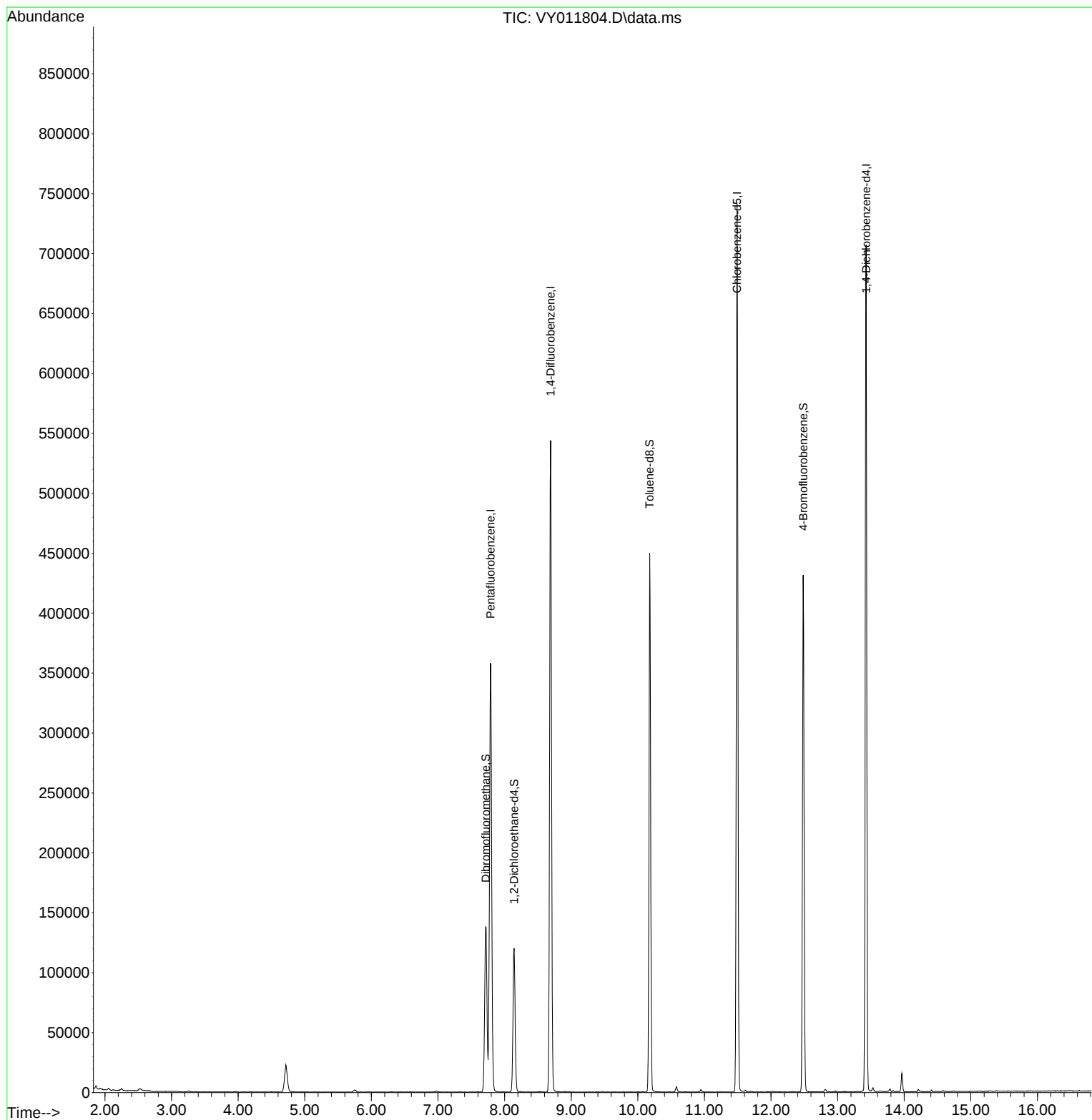
Target Compounds	Qvalue

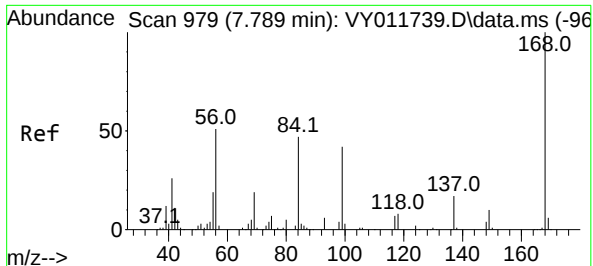
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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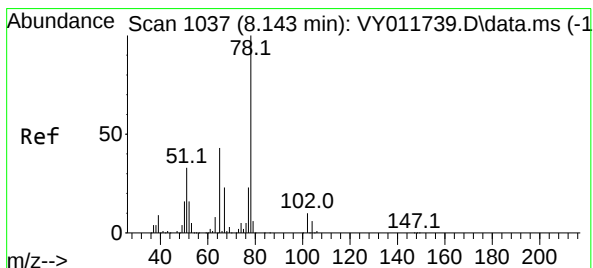
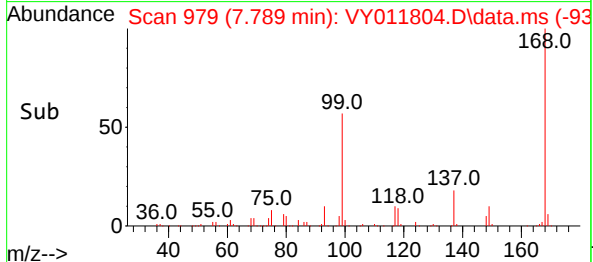
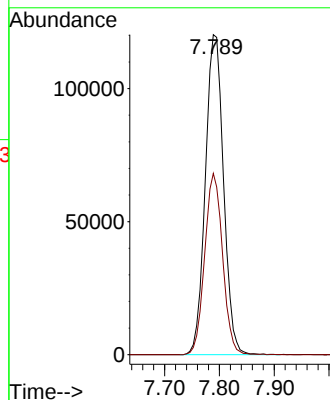
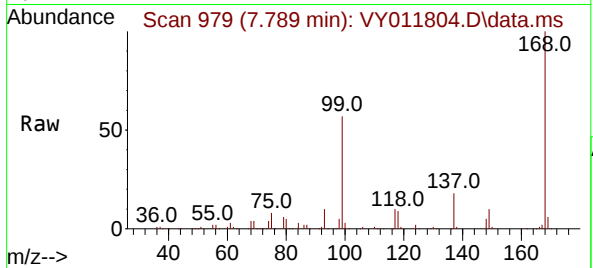




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011804.D
Acq: 13 Dec 2022 19:12

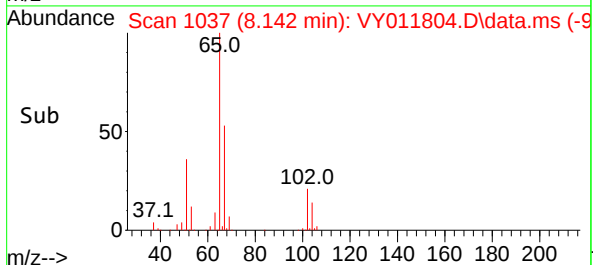
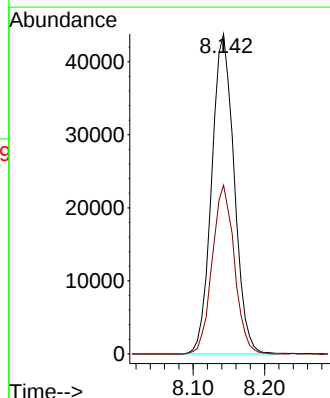
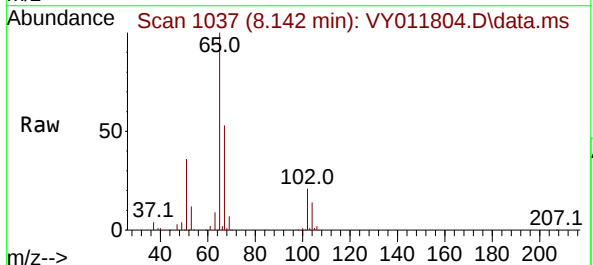
Instrument :
MSVOA_Y
ClientSampleId :
RB-22-(8-10)

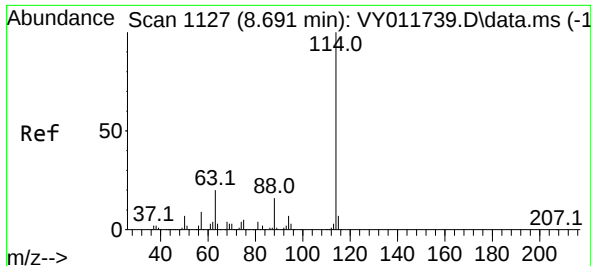
Tgt Ion:168 Resp: 276884
Ion Ratio Lower Upper
168 100
99 56.6 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 50.747 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011804.D
Acq: 13 Dec 2022 19:12

Tgt Ion: 65 Resp: 95747
Ion Ratio Lower Upper
65 100
67 51.9 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: VY011804.D

Acq: 13 Dec 2022 19:12

Instrument :

MSVOA_Y

ClientSampleId :

RB-22-(8-10)

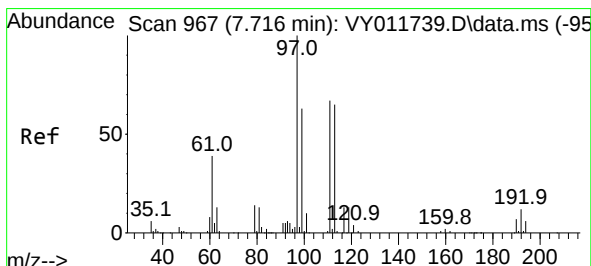
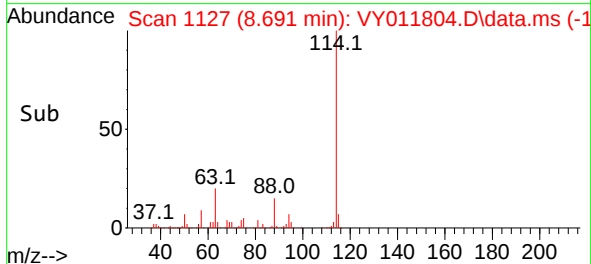
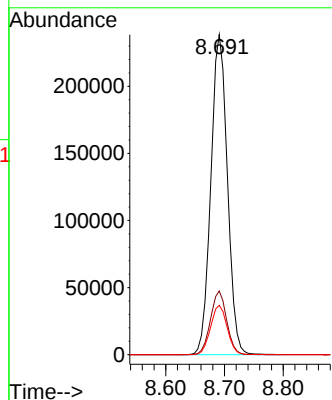
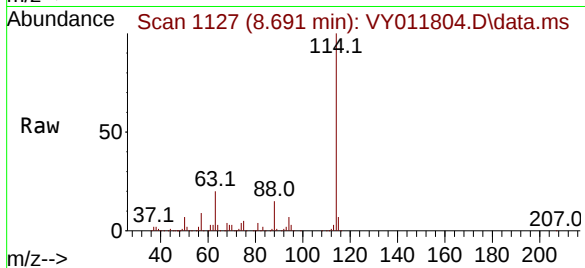
Tgt Ion:114 Resp: 466240

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 15.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 47.437 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011804.D

Acq: 13 Dec 2022 19:12

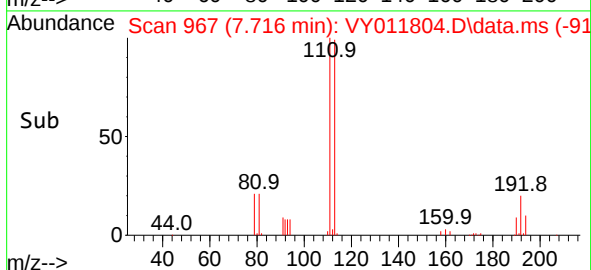
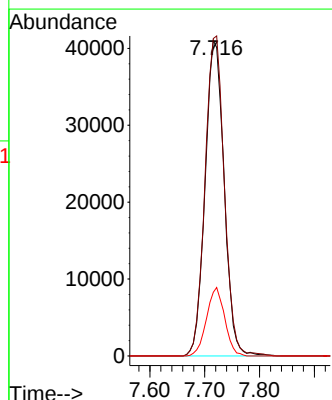
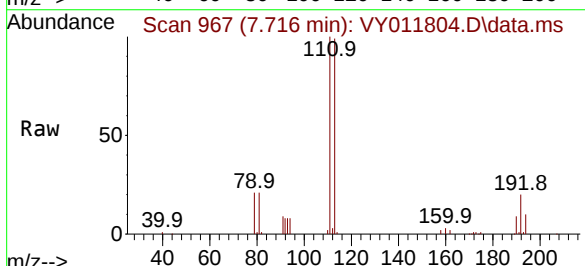
Tgt Ion:113 Resp: 98677

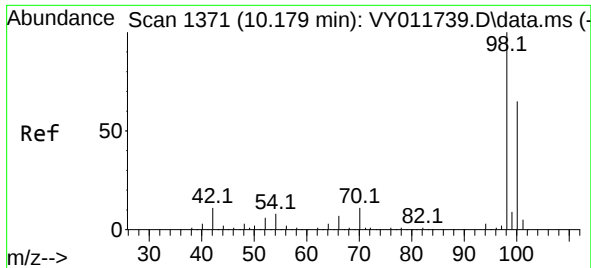
Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.4

192 20.7 16.0 24.0

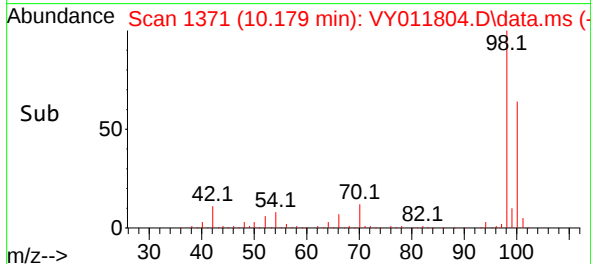
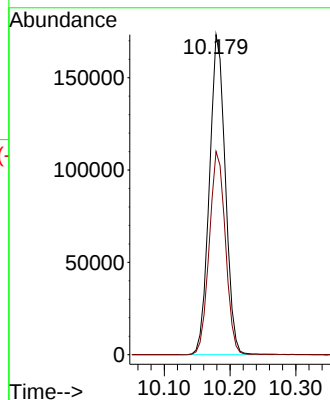
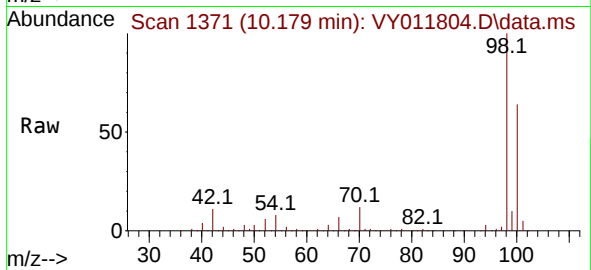




#50
Toluene-d8
Concen: 41.930 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011804.D
Acq: 13 Dec 2022 19:12

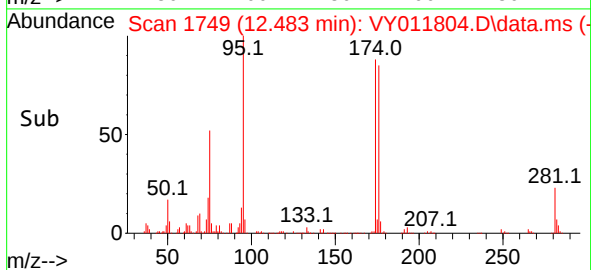
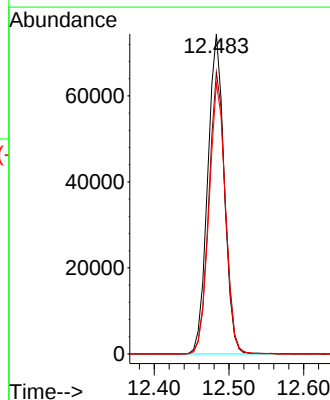
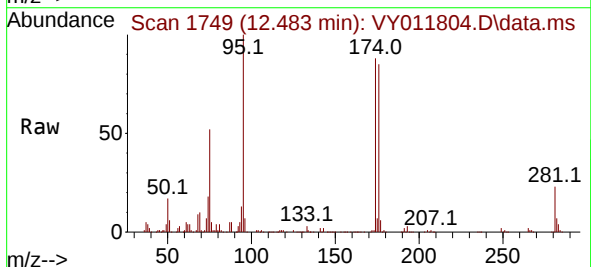
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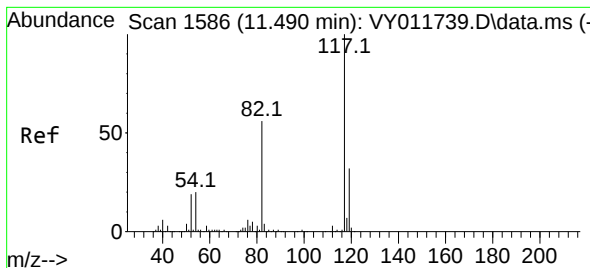
Tgt Ion: 98 Resp: 292046
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 41.417 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011804.D
Acq: 13 Dec 2022 19:12

Tgt Ion: 95 Resp: 114075
Ion Ratio Lower Upper
95 100
174 87.6 0.0 172.0
176 83.9 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011804.D

Acq: 13 Dec 2022 19:12

Instrument :

MSVOA_Y

ClientSampleId :

RB-22-(8-10)

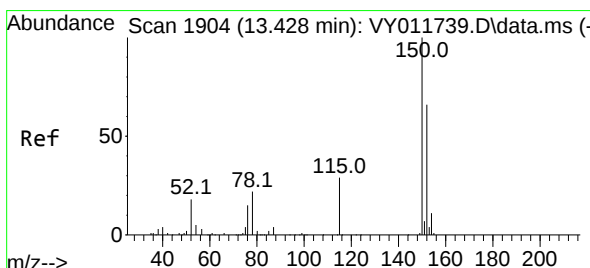
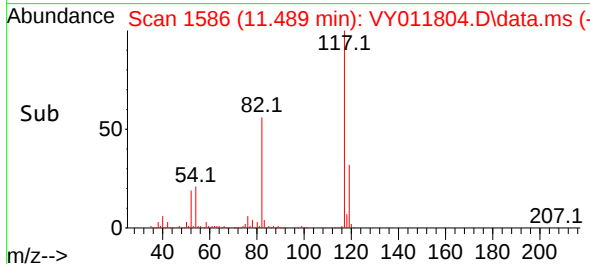
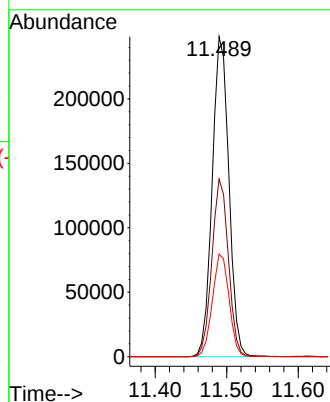
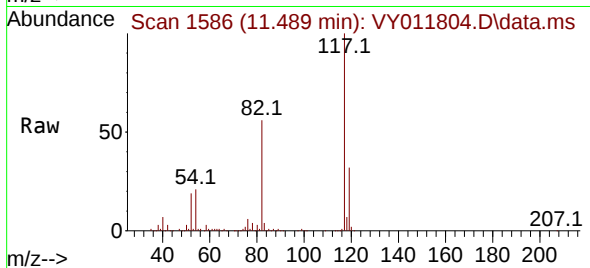
Tgt Ion:117 Resp: 401912

Ion Ratio Lower Upper

117 100

82 55.5 44.8 67.2

119 32.1 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: VY011804.D

Acq: 13 Dec 2022 19:12

Tgt Ion:152 Resp: 185998

Ion Ratio Lower Upper

152 100

115 57.5 29.1 87.3

150 156.7 0.0 342.6

