

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
 Data File : VY017072.D
 Acq On : 22 Jan 2024 13:55
 Operator : SY/MD
 Sample : P1188-01
 Misc : 4.70g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOUTH-JERSEY-PORT-SAMPLE-SET-2-A

Quant Time: Jan 23 01:45:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	105259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	219259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	181377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	46310	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	46744	44.932	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.860%
35) Dibromofluoromethane	7.740	113	51022	36.517	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.040%
50) Toluene-d8	10.197	98	186365	38.735	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	77.480%
62) 4-Bromofluorobenzene	12.501	95	44197	27.227	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	54.460%

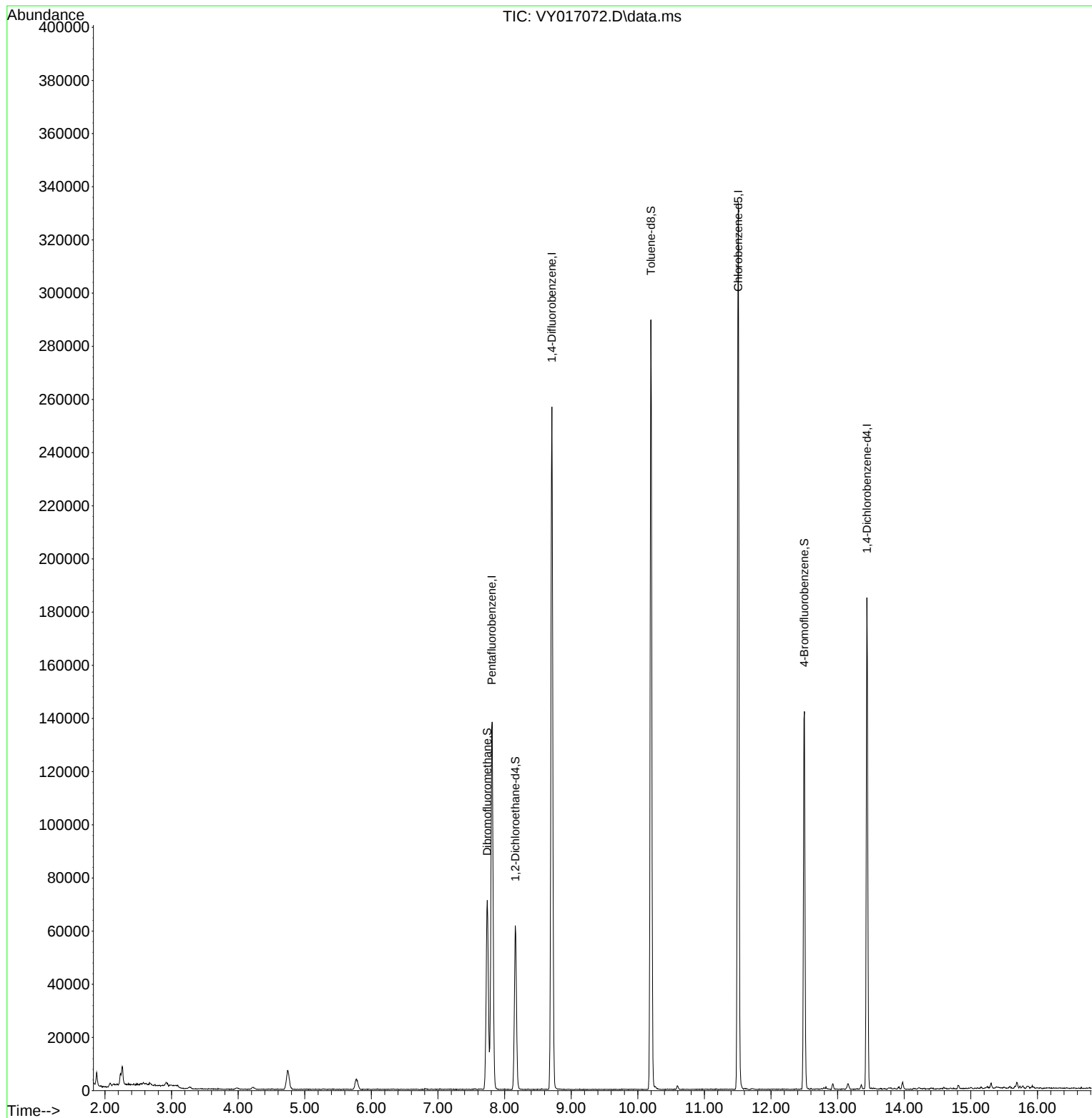
Target Compounds	Qvalue

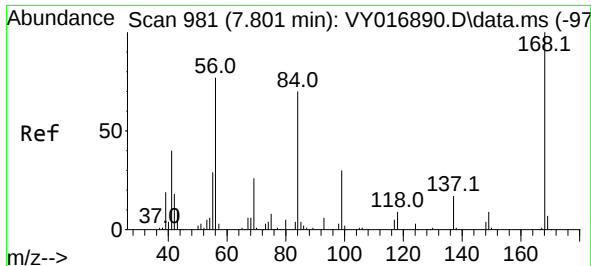
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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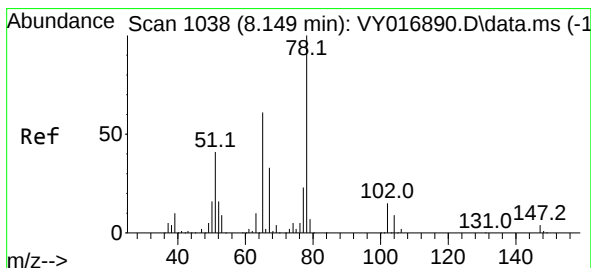
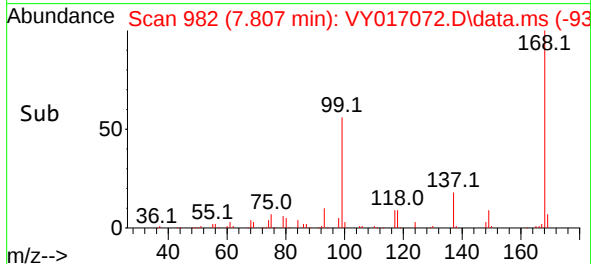
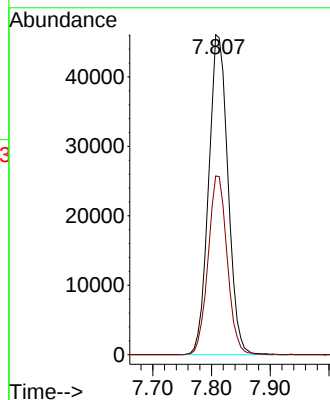
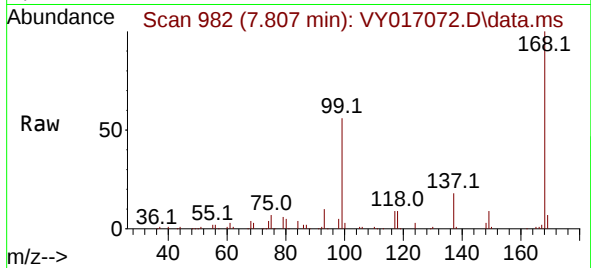




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017072.D
Acq: 22 Jan 2024 13:55

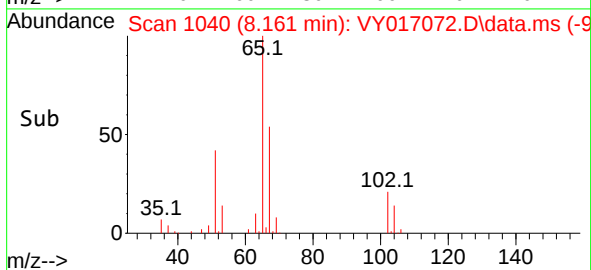
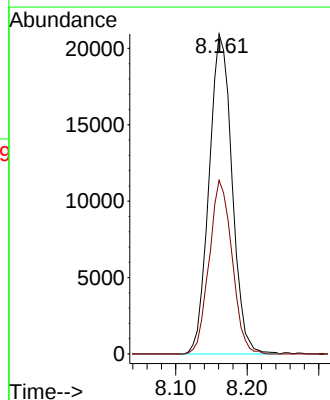
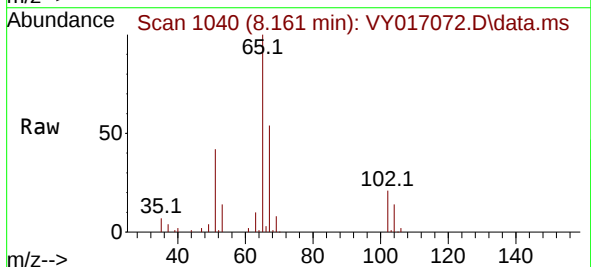
Instrument :
MSVOA_Y
ClientSampleId :
SOUTH-JERSEY-PORT-SAMPLE-SET-2-A

Tgt Ion:168 Resp: 105259
Ion Ratio Lower Upper
168 100
99 55.8 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 44.932 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY017072.D
Acq: 22 Jan 2024 13:55

Tgt Ion: 65 Resp: 46744
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017072.D

Acq: 22 Jan 2024 13:55

Instrument :

MSVOA_Y

ClientSampleId :

SOUTH-JERSEY-PORT-SAMPLE-SET-2-A

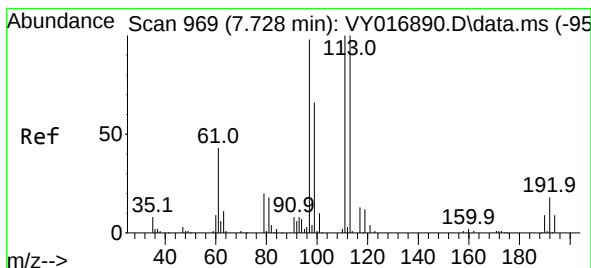
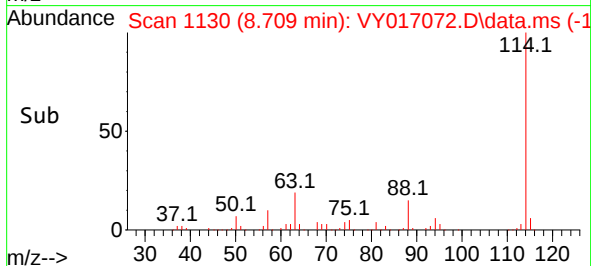
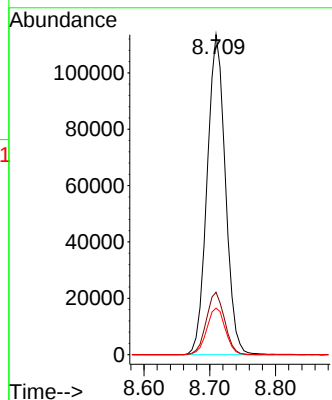
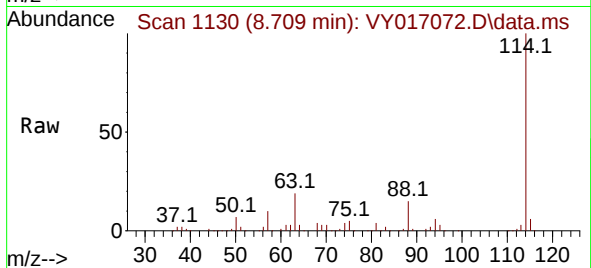
Tgt Ion:114 Resp: 219259

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 14.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 36.517 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY017072.D

Acq: 22 Jan 2024 13:55

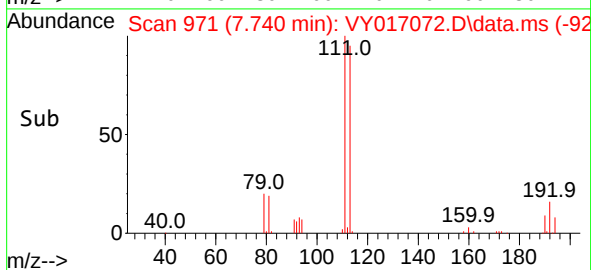
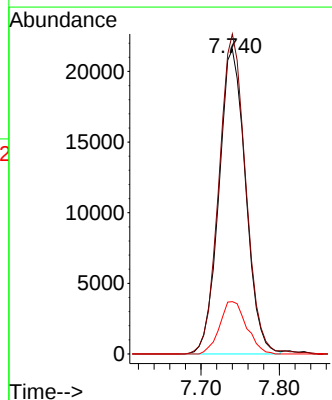
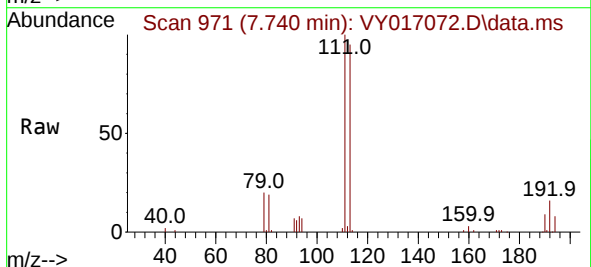
Tgt Ion:113 Resp: 51022

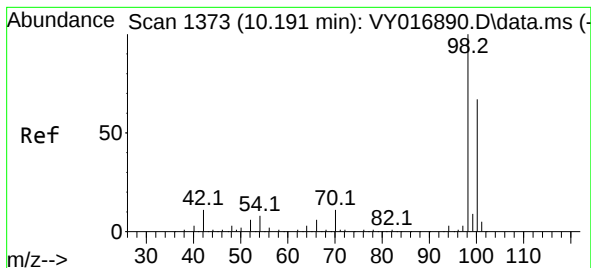
Ion Ratio Lower Upper

113 100

111 105.3 83.8 125.6

192 17.3 14.5 21.7





#50

Toluene-d8

Concen: 38.735 ug/l

RT: 10.197 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017072.D

Acq: 22 Jan 2024 13:55

Instrument :

MSVOA_Y

ClientSampleId :

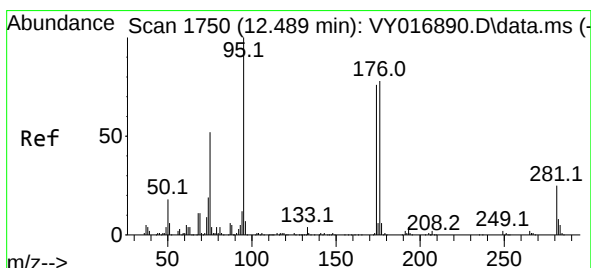
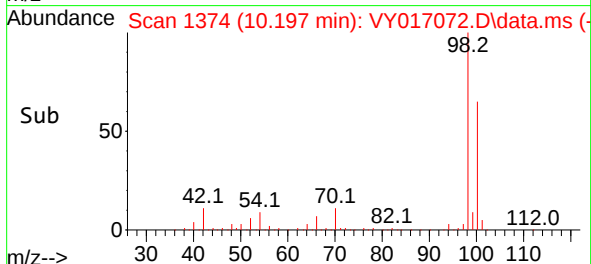
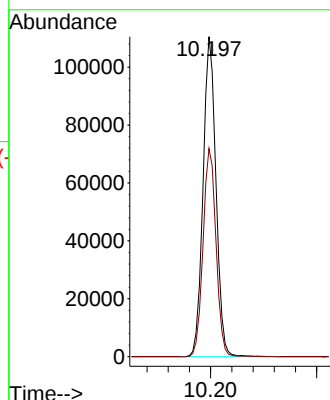
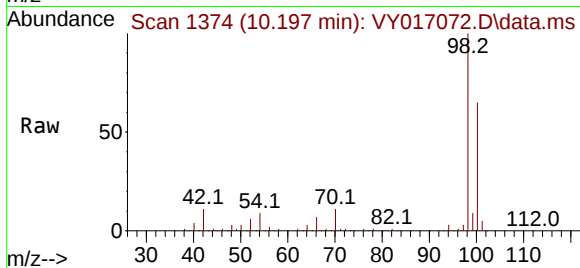
SOUTH-JERSEY-PORT-SAMPLE-SET-2-A

Tgt Ion: 98 Resp: 186365

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 27.227 ug/l

RT: 12.501 min Scan# 1752

Delta R.T. 0.012 min

Lab File: VY017072.D

Acq: 22 Jan 2024 13:55

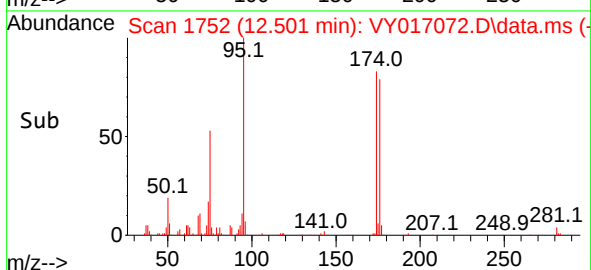
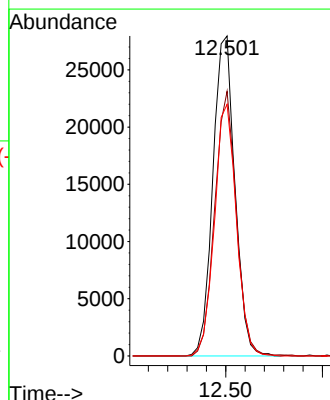
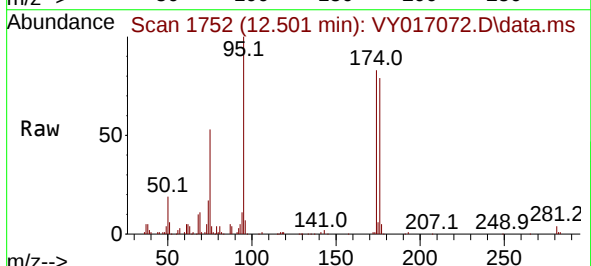
Tgt Ion: 95 Resp: 44197

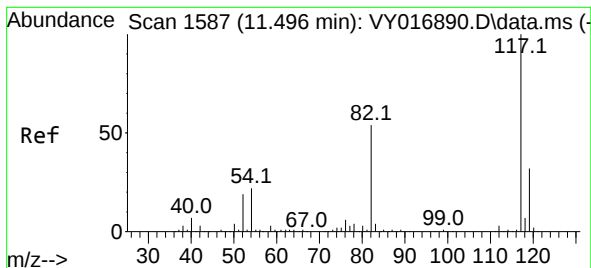
Ion Ratio Lower Upper

95 100

174 81.2 0.0 160.0

176 78.3 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017072.D

Acq: 22 Jan 2024 13:55

Instrument :

MSVOA_Y

ClientSampleId :

SOUTH-JERSEY-PORT-SAMPLE-SET-2-A

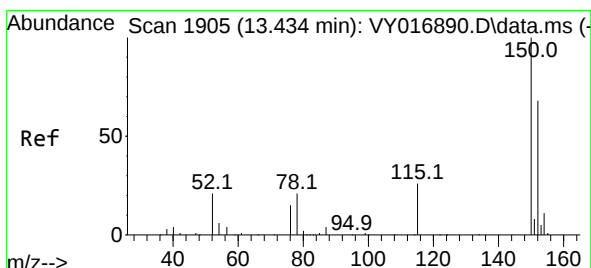
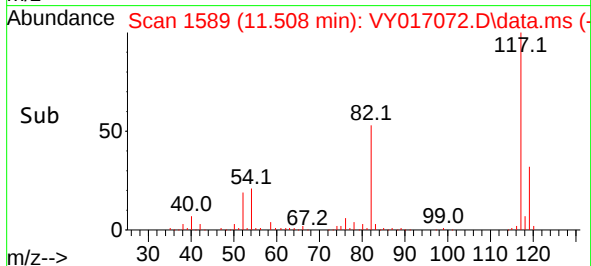
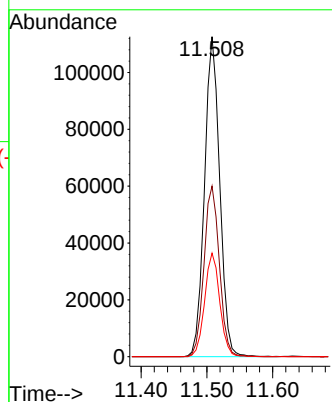
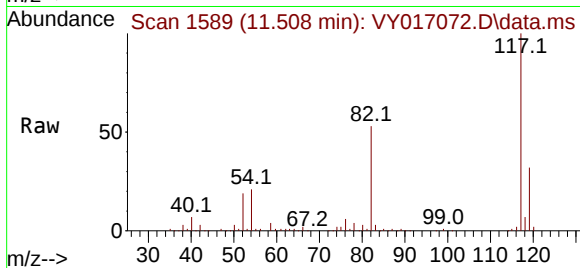
Tgt Ion:117 Resp: 181377

Ion Ratio Lower Upper

117 100

82 53.3 43.8 65.8

119 32.3 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017072.D

Acq: 22 Jan 2024 13:55

Tgt Ion:152 Resp: 46310

Ion Ratio Lower Upper

152 100

115 58.0 30.0 90.0

150 154.5 0.0 344.6

