

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071723\
 Data File : VY014671.D
 Acq On : 17 Jul 2023 14:44
 Operator : SY/MD
 Sample : 03580-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAMPLE-1

Quant Time: Jul 18 06:09:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	12315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	19441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	17818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7358	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	7301	52.026	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.060%
35) Dibromofluoromethane	7.710	113	5459	44.111	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.220%
50) Toluene-d8	10.179	98	22954	50.309	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.620%
62) 4-Bromofluorobenzene	12.477	95	8401	48.020	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.040%

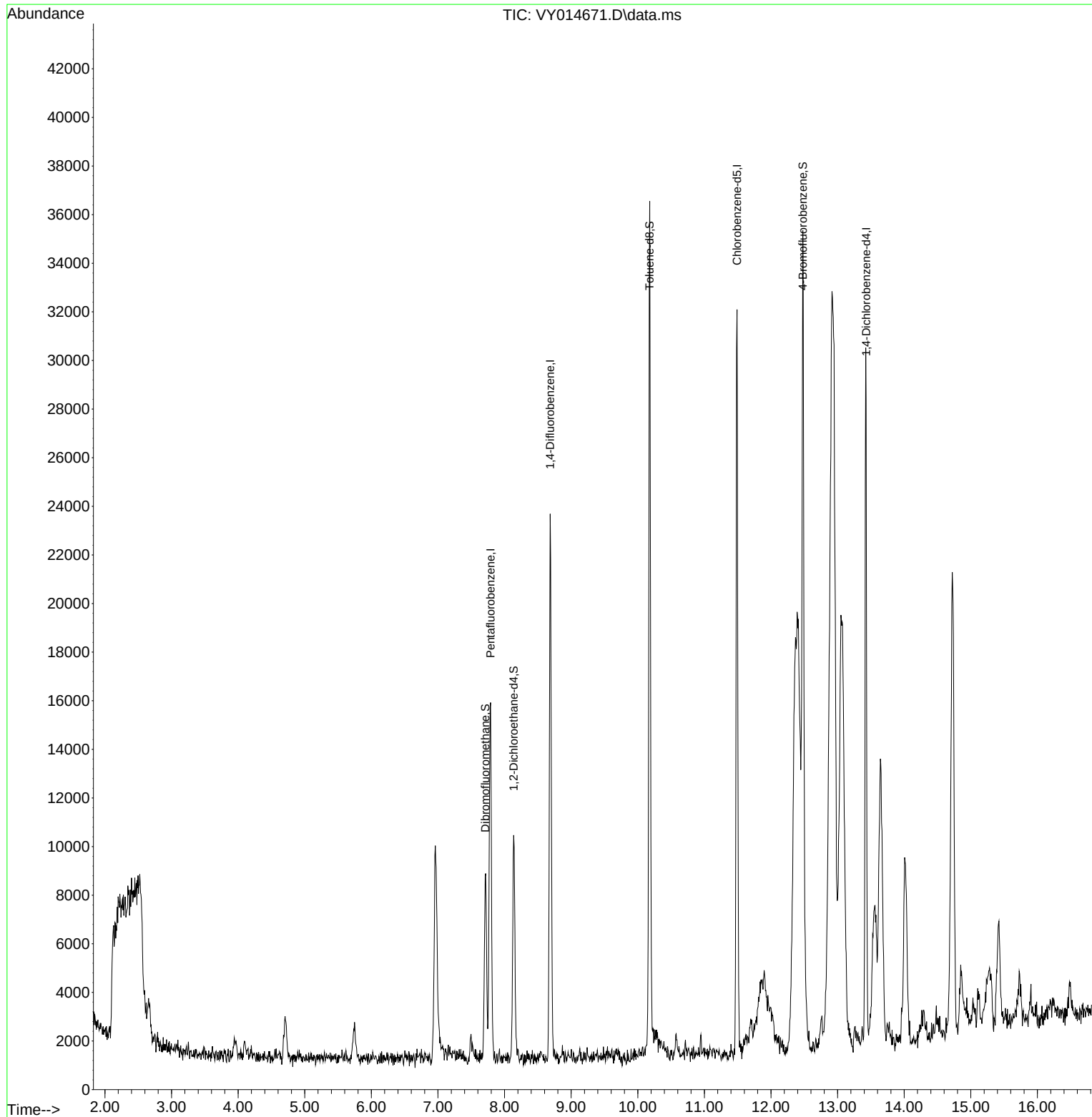
Target Compounds	Qvalue

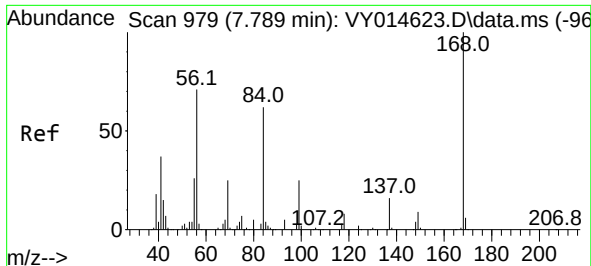
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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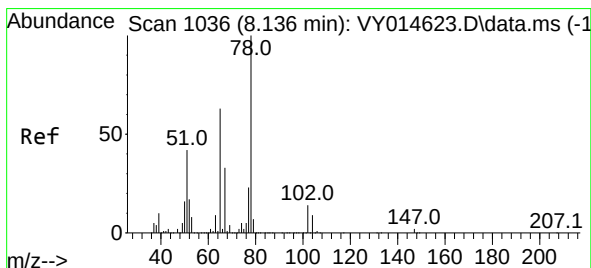
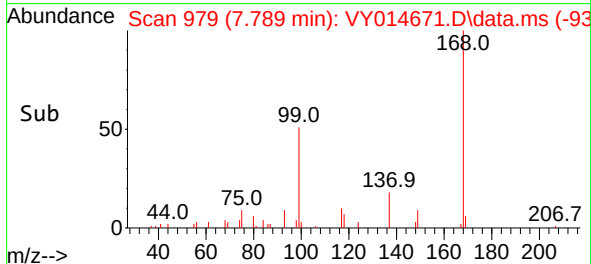
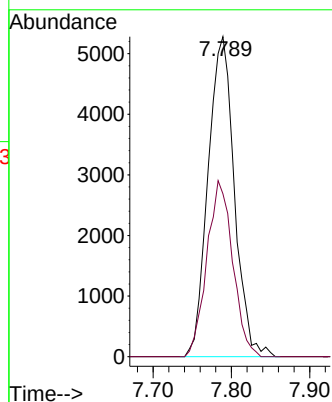
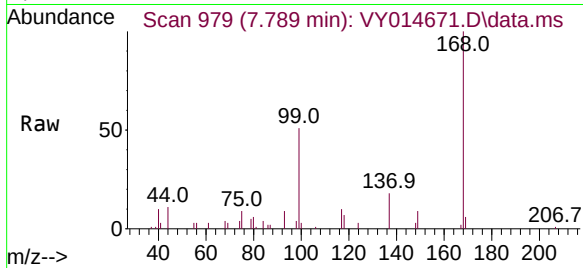




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014671.D
Acq: 17 Jul 2023 14:44

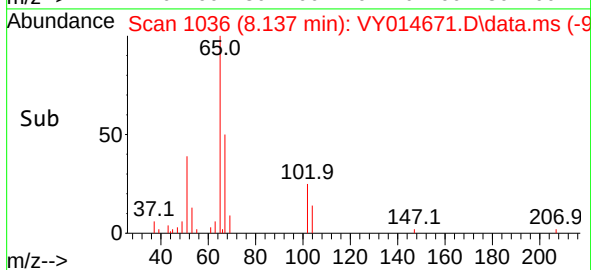
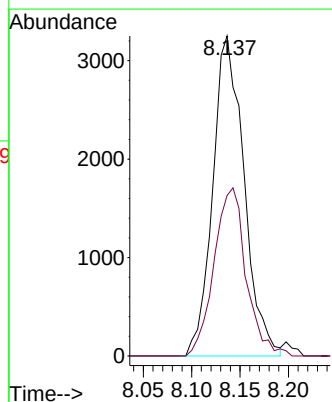
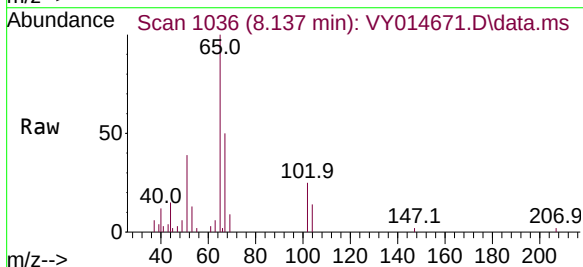
Instrument :
MSVOA_Y
ClientSampleId :
SAMPLE-1

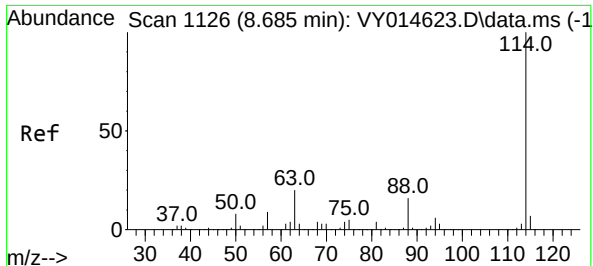
Tgt Ion:168 Resp: 12315
Ion Ratio Lower Upper
168 100
99 50.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 52.026 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY014671.D
Acq: 17 Jul 2023 14:44

Tgt Ion: 65 Resp: 7301
Ion Ratio Lower Upper
65 100
67 53.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014671.D

Acq: 17 Jul 2023 14:44

Instrument :

MSVOA_Y

ClientSampleId :

SAMPLE-1

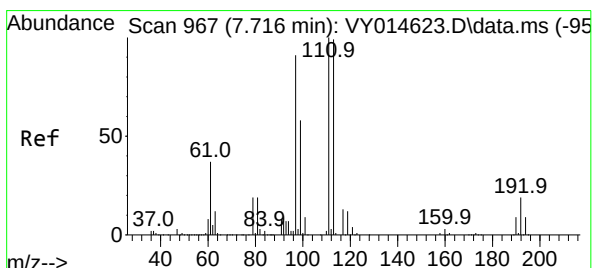
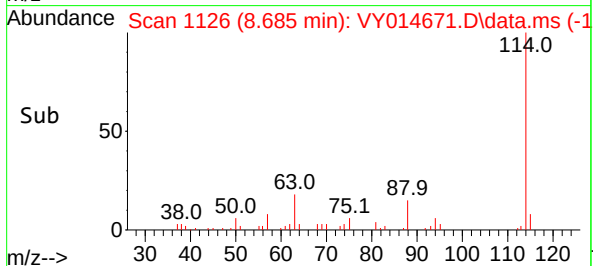
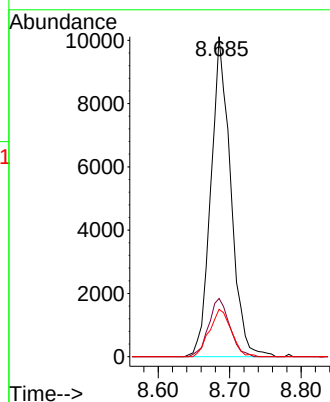
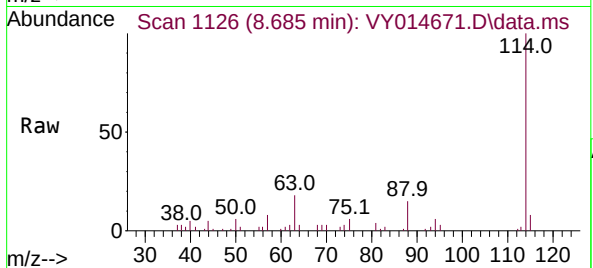
Tgt Ion:114 Resp: 19441

Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 44.111 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014671.D

Acq: 17 Jul 2023 14:44

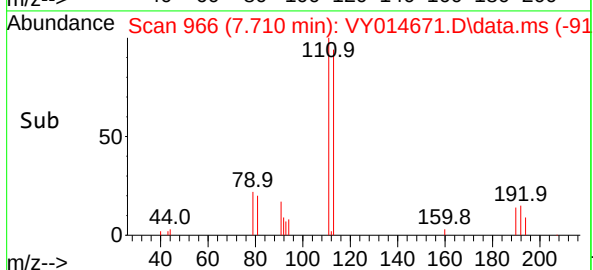
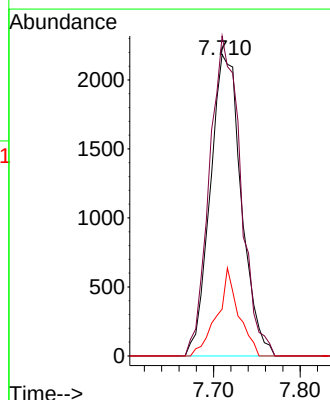
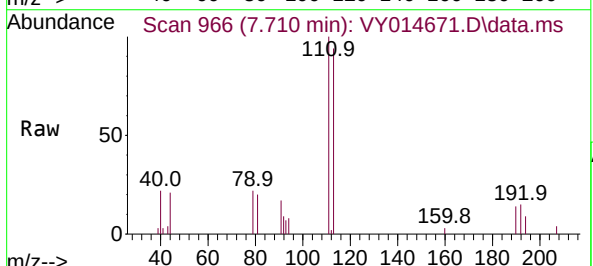
Tgt Ion:113 Resp: 5459

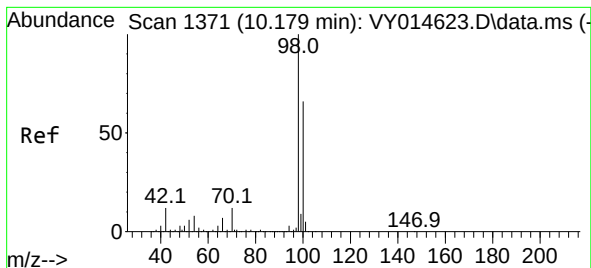
Ion Ratio Lower Upper

113 100

111 106.4 81.3 121.9

192 20.1 16.9 25.3





#50

Toluene-d8

Concen: 50.309 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014671.D

Acq: 17 Jul 2023 14:44

Instrument :

MSVOA_Y

ClientSampleId :

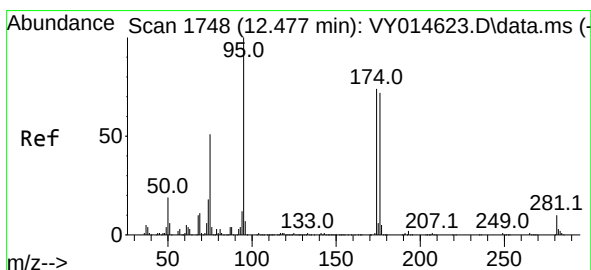
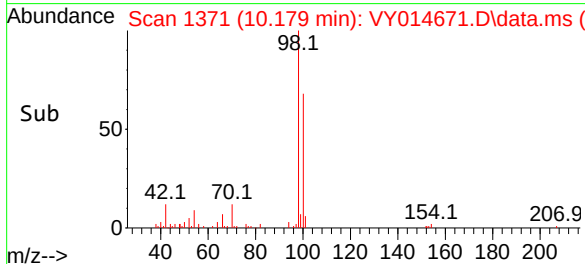
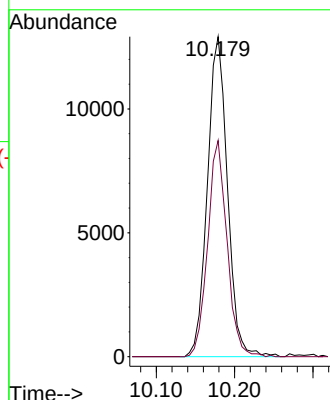
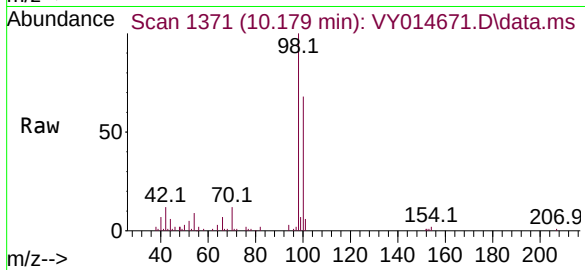
SAMPLE-1

Tgt Ion: 98 Resp: 22954

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 48.020 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY014671.D

Acq: 17 Jul 2023 14:44

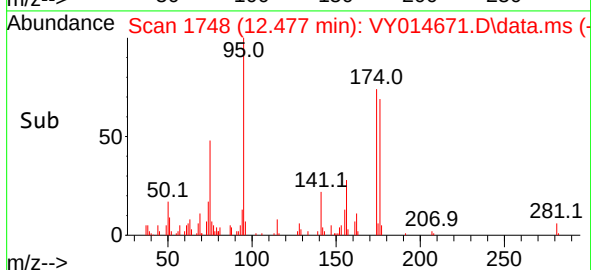
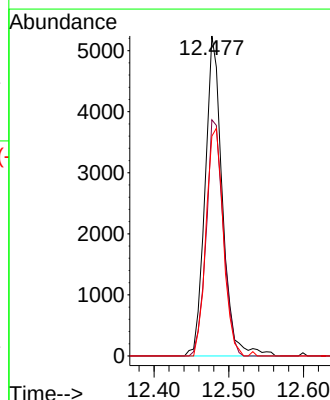
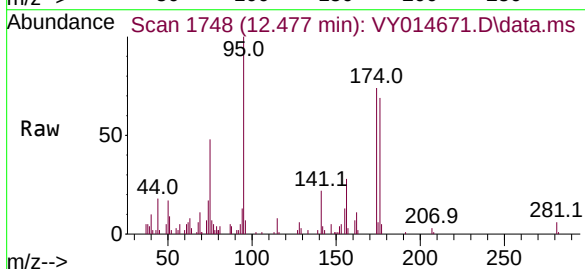
Tgt Ion: 95 Resp: 8401

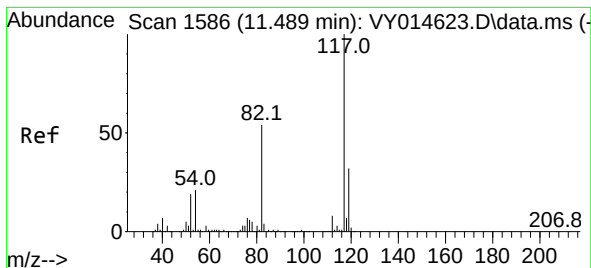
Ion Ratio Lower Upper

95 100

174 72.8 0.0 178.2

176 71.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014671.D

Acq: 17 Jul 2023 14:44

Instrument :

MSVOA_Y

ClientSampleId :

SAMPLE-1

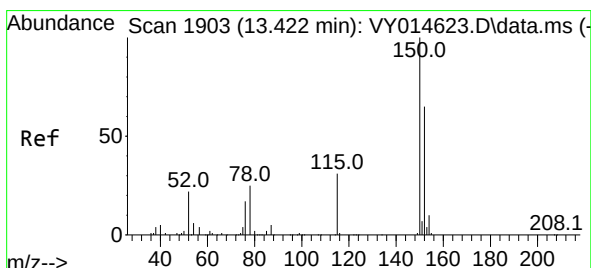
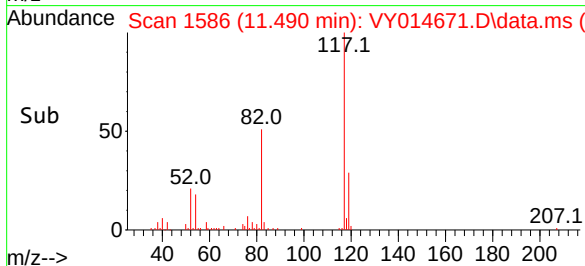
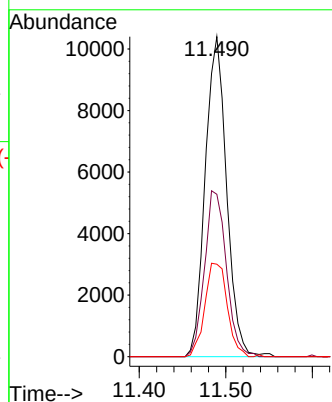
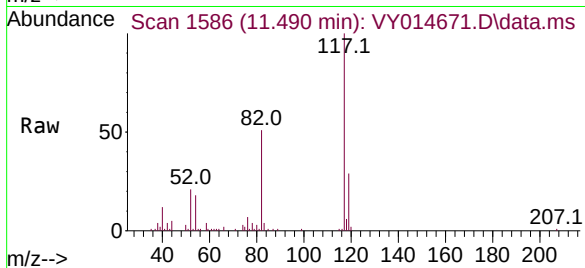
Tgt Ion:117 Resp: 17818

Ion Ratio Lower Upper

117 100

82 50.7 43.4 65.0

119 28.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY014671.D

Acq: 17 Jul 2023 14:44

Tgt Ion:152 Resp: 7358

Ion Ratio Lower Upper

152 100

115 59.8 28.8 86.5

150 157.0 0.0 348.8

