

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
 Data File : VY012043.D
 Acq On : 03 Jan 2023 13:48
 Operator : KP/MD
 Sample : N6248-12
 Misc : 11.42g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-20

Quant Time: Jan 04 01:17:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	49915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	111582	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	140754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70550	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	68098	135.415	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 270.840%#	
35) Dibromofluoromethane	7.716	113	46336	68.977	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 137.960%	
50) Toluene-d8	10.179	98	146852	53.881	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.760%	
62) 4-Bromofluorobenzene	12.483	95	62596	68.289	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 136.580%	

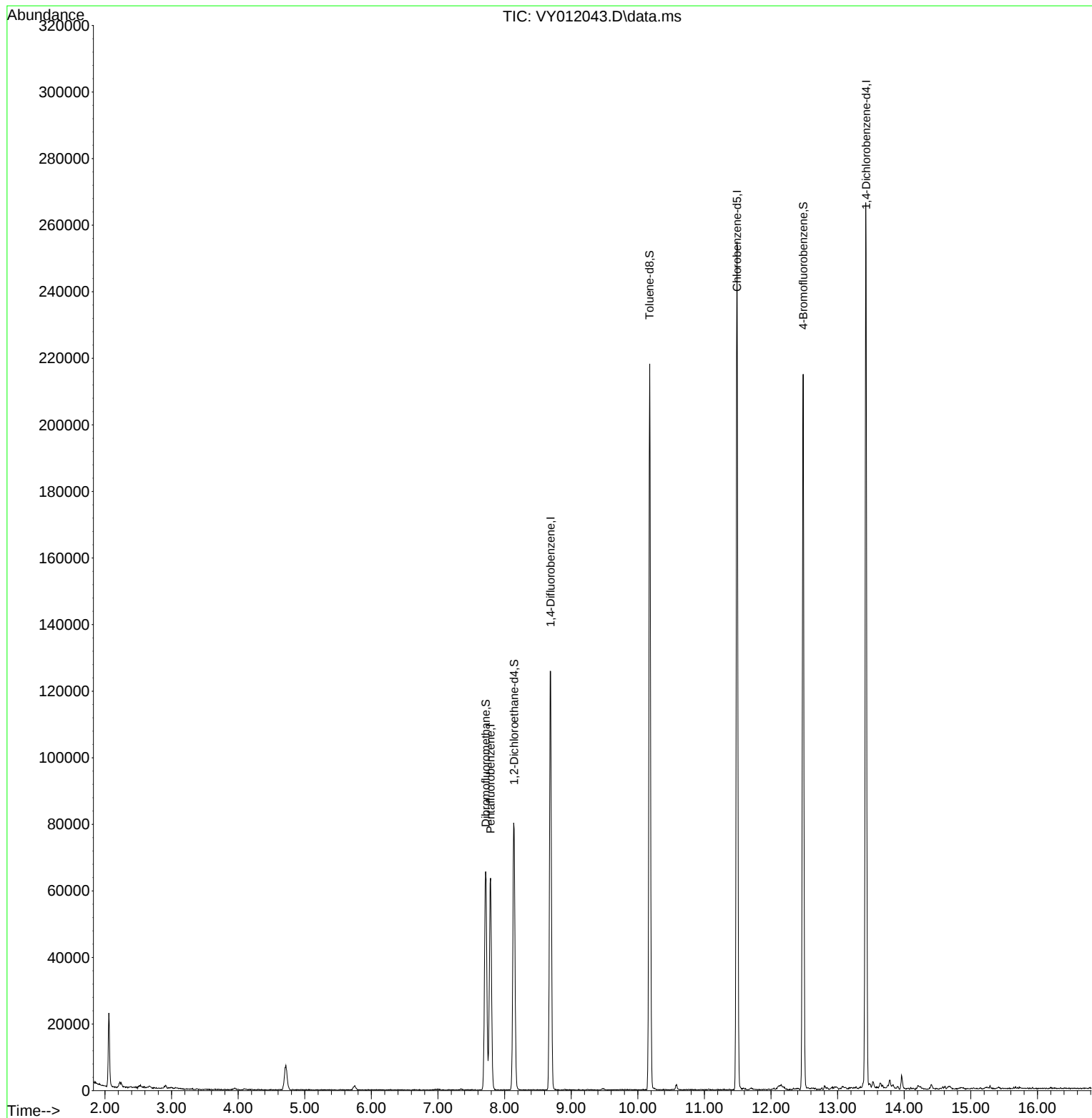
Target Compounds	Qvalue

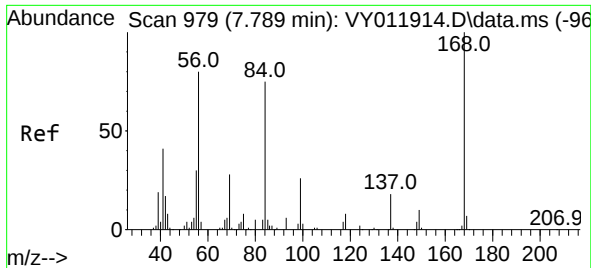
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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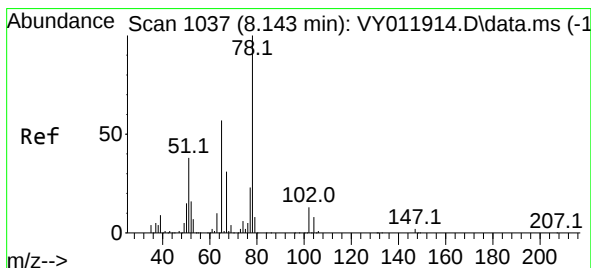
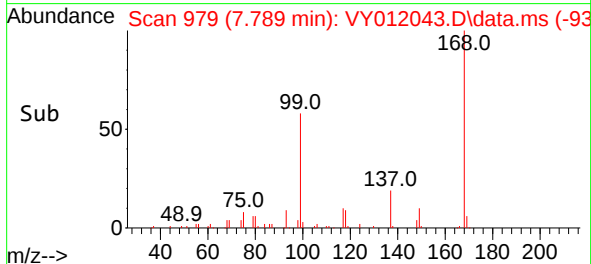
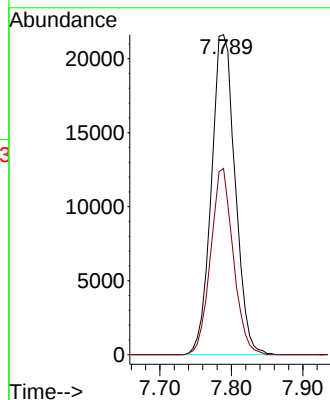
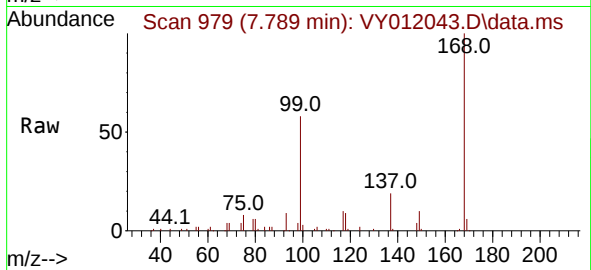




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012043.D
Acq: 03 Jan 2023 13:48

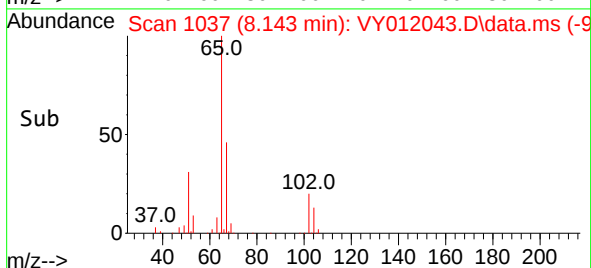
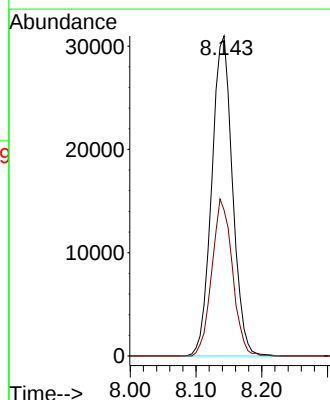
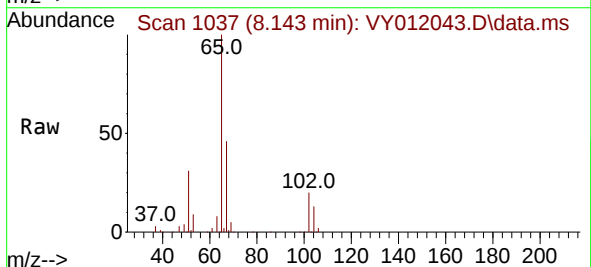
Instrument :
MSVOA_Y
ClientSampleId :
TP-20

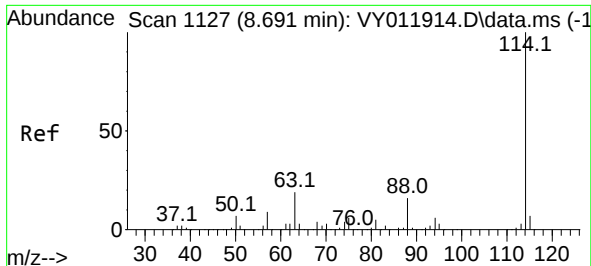
Tgt Ion:168 Resp: 49915
Ion Ratio Lower Upper
168 100
99 58.2 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 135.415 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012043.D
Acq: 03 Jan 2023 13:48

Tgt Ion: 65 Resp: 68098
Ion Ratio Lower Upper
65 100
67 48.6 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: VY012043.D

Acq: 03 Jan 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

TP-20

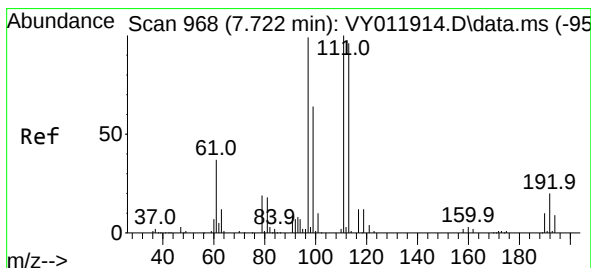
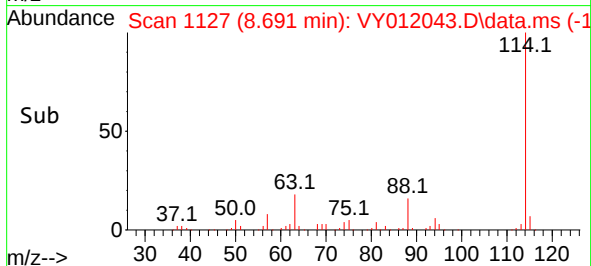
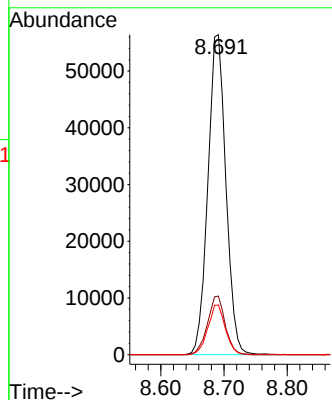
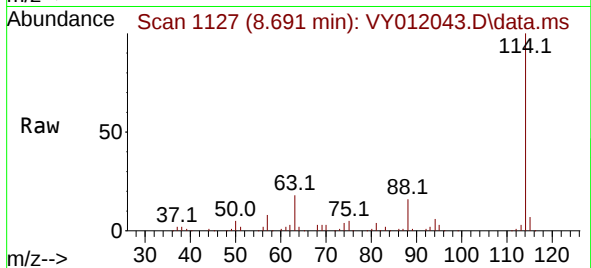
Tgt Ion:114 Resp: 111582

Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.6

88 15.5 0.0 32.2



#35

Dibromofluoromethane

Concen: 68.977 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012043.D

Acq: 03 Jan 2023 13:48

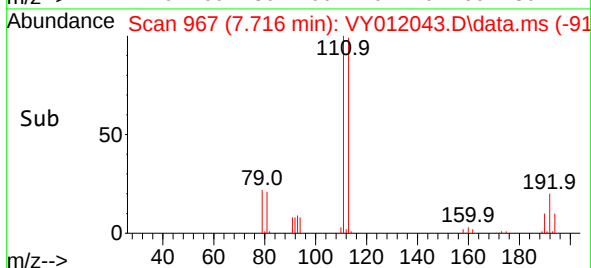
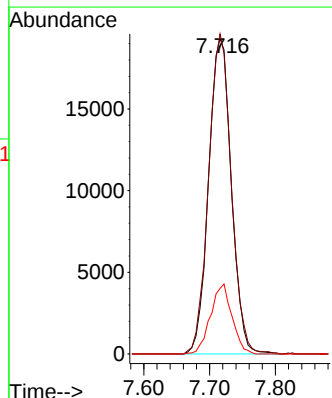
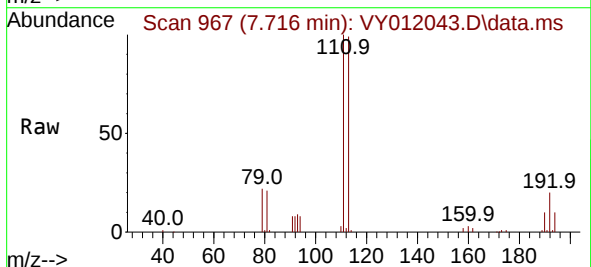
Tgt Ion:113 Resp: 46336

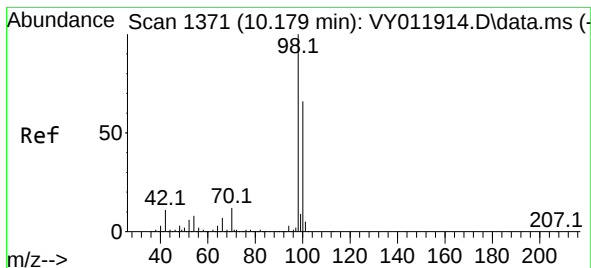
Ion Ratio Lower Upper

113 100

111 101.5 83.0 124.4

192 21.0 16.0 24.0





#50

Toluene-d8

Concen: 53.881 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012043.D

Acq: 03 Jan 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

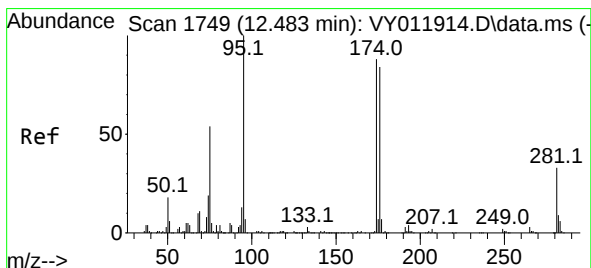
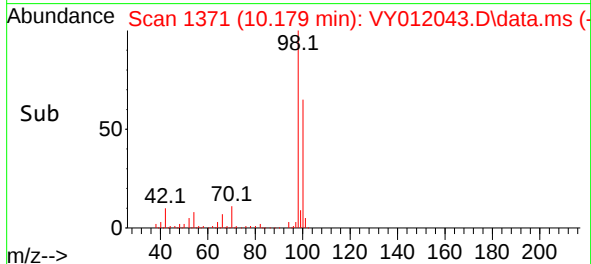
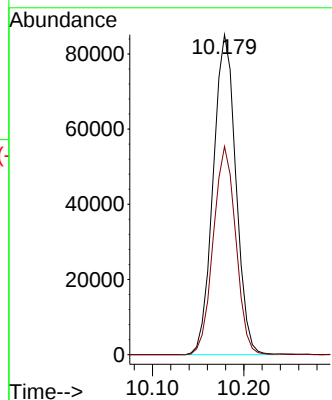
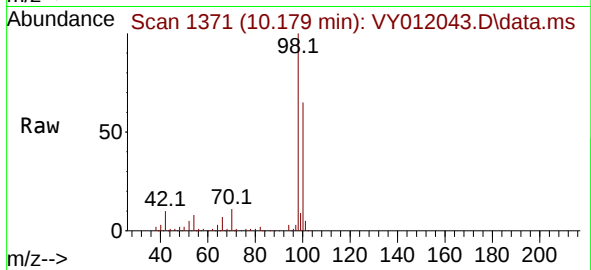
TP-20

Tgt Ion: 98 Resp: 146852

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 68.289 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012043.D

Acq: 03 Jan 2023 13:48

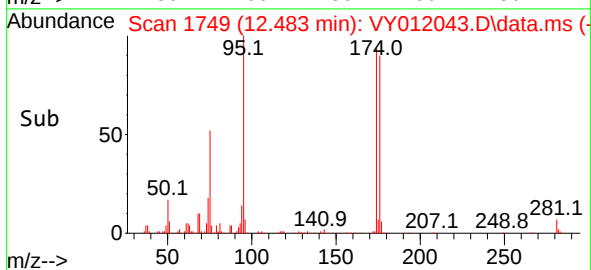
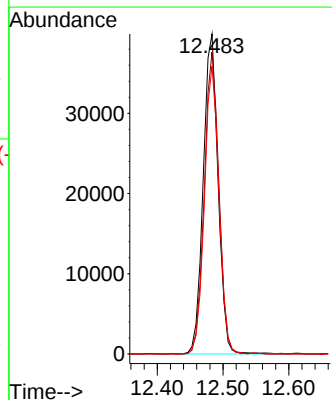
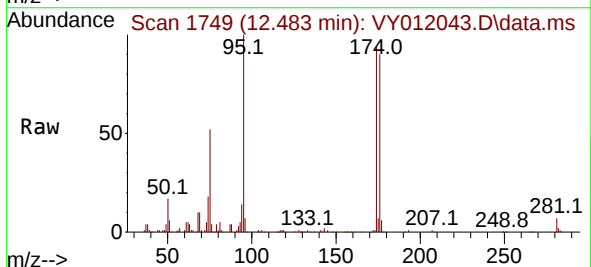
Tgt Ion: 95 Resp: 62596

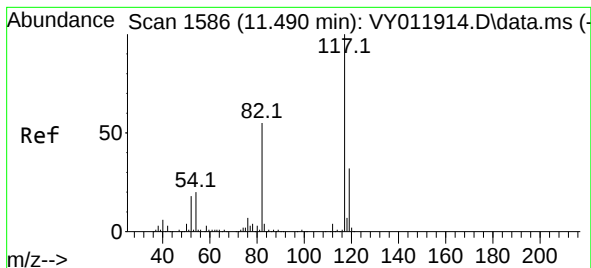
Ion Ratio Lower Upper

95 100

174 93.2 0.0 172.0

176 88.4 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: VY012043.D

Acq: 03 Jan 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

TP-20

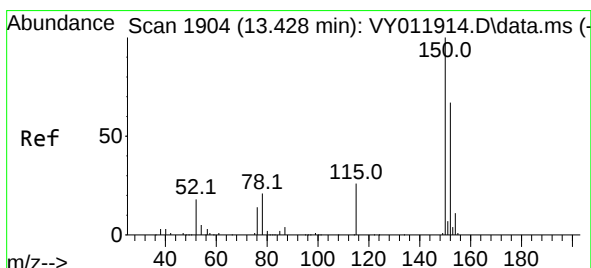
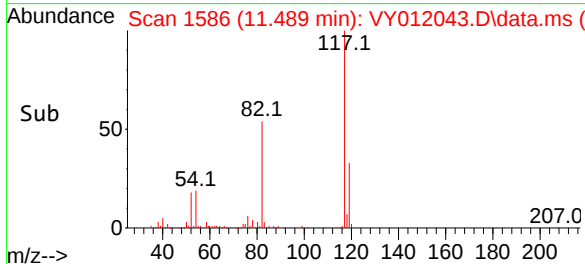
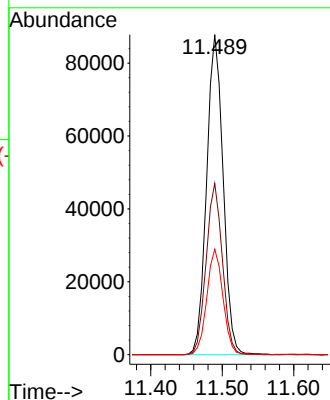
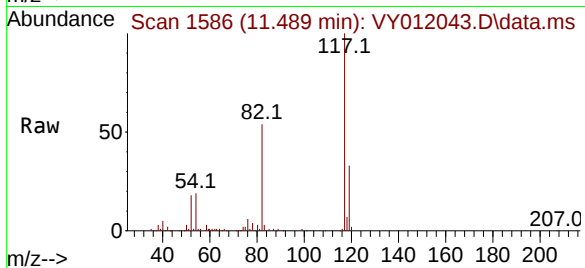
Tgt Ion:117 Resp: 140754

Ion Ratio Lower Upper

117 100

82 53.5 44.8 67.2

119 32.9 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: VY012043.D

Acq: 03 Jan 2023 13:48

Tgt Ion:152 Resp: 70550

Ion Ratio Lower Upper

152 100

115 57.6 29.1 87.3

150 157.4 0.0 342.6

