

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
 Data File : VY012120.D
 Acq On : 09 Jan 2023 18:54
 Operator : KP/MD
 Sample : 01051-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11933

Quant Time: Jan 10 01:50:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	101311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	170770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	159035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66909	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	68444	60.123	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.240%
35) Dibromofluoromethane	7.716	113	55242	49.216	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.440%
50) Toluene-d8	10.179	98	201544	45.492	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.980%
62) 4-Bromofluorobenzene	12.483	95	63647	41.100	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.200%

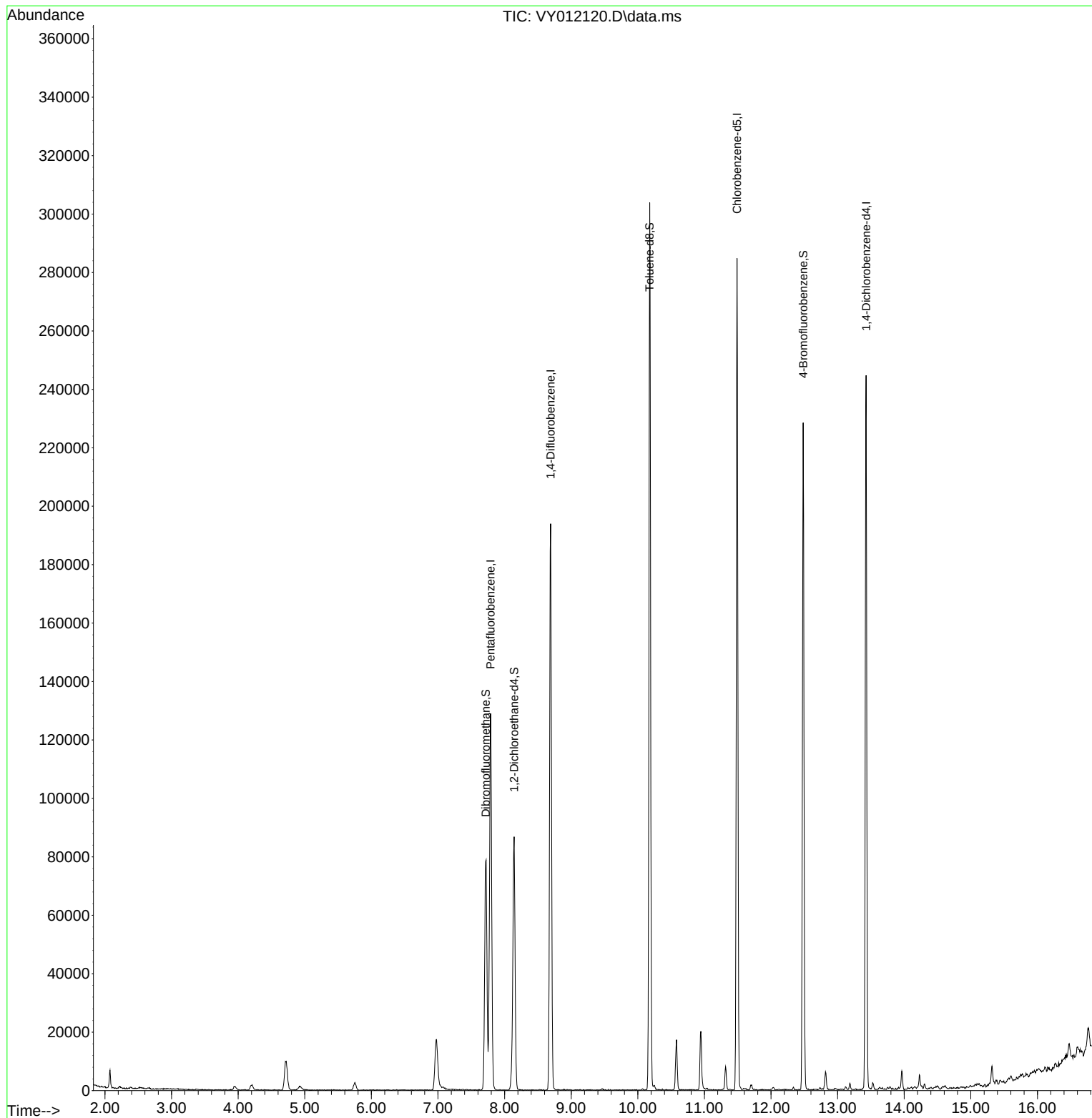
Target Compounds	Qvalue

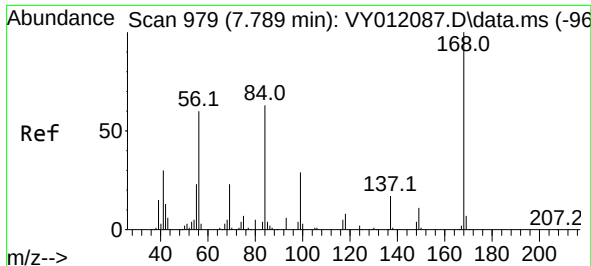
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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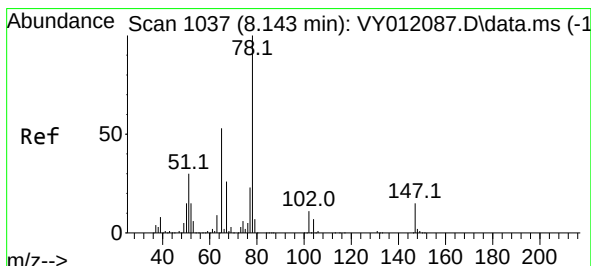
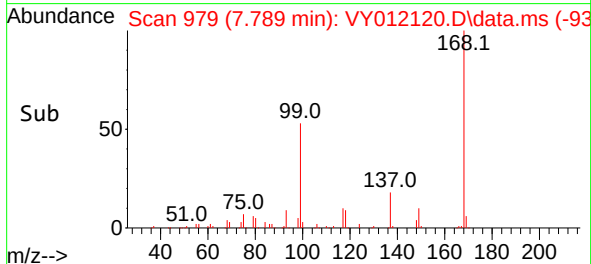
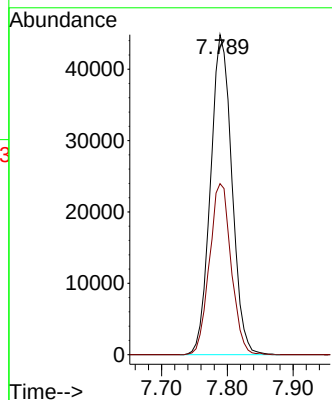
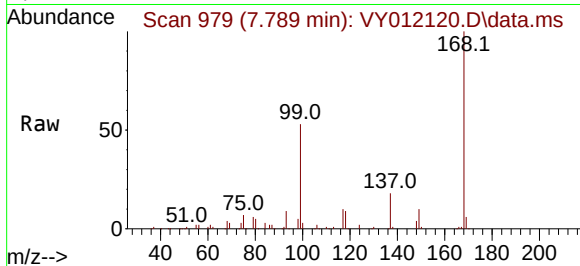




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012120.D
Acq: 09 Jan 2023 18:54

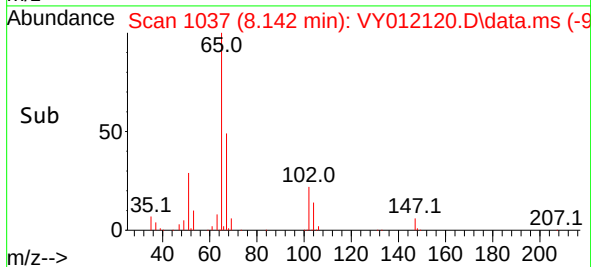
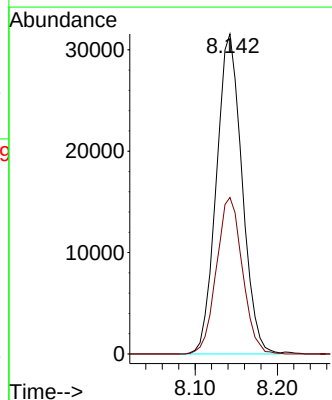
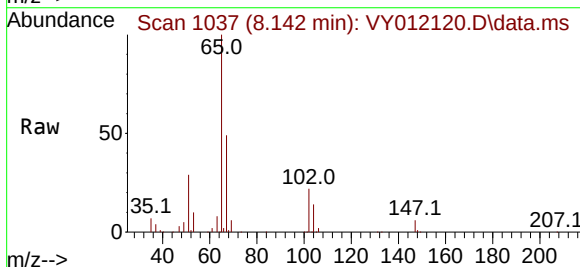
Instrument :
MSVOA_Y
ClientSampleId :
72-11933

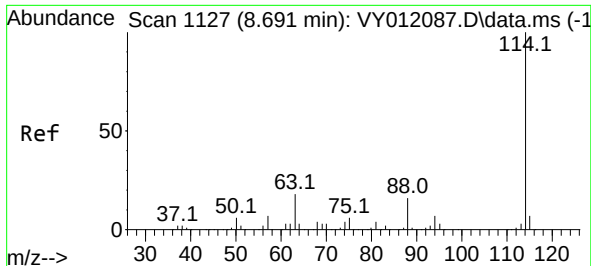
Tgt Ion:168 Resp: 101311
Ion Ratio Lower Upper
168 100
99 53.4 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 60.123 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012120.D
Acq: 09 Jan 2023 18:54

Tgt Ion: 65 Resp: 68444
Ion Ratio Lower Upper
65 100
67 49.5 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: VY012120.D

Acq: 09 Jan 2023 18:54

Instrument :

MSVOA_Y

ClientSampleId :

72-11933

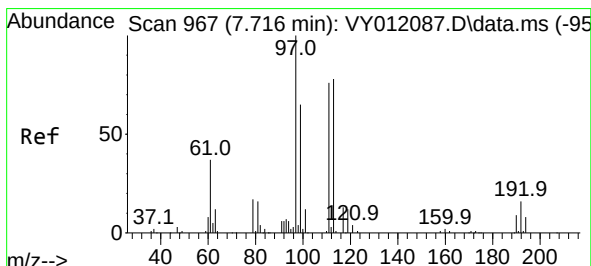
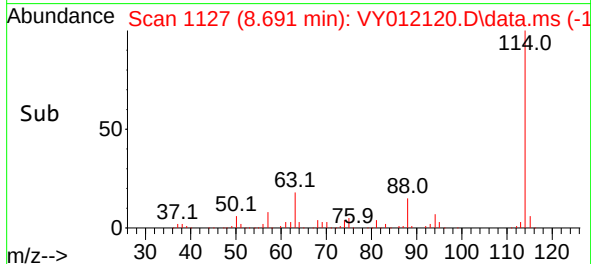
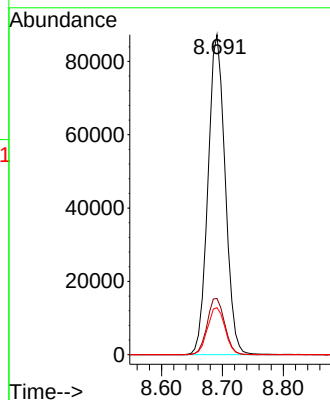
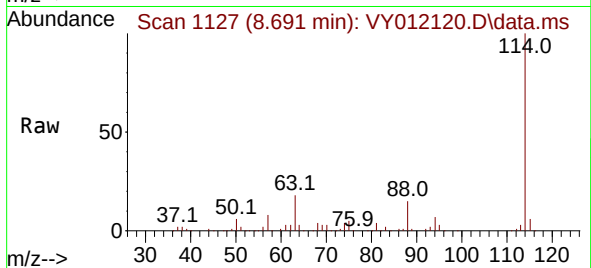
Tgt Ion:114 Resp: 170770

Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 14.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 49.216 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012120.D

Acq: 09 Jan 2023 18:54

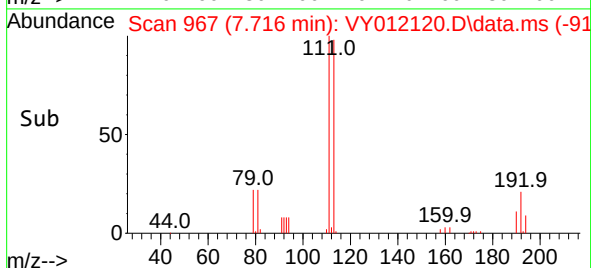
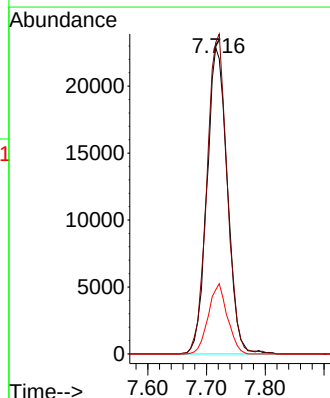
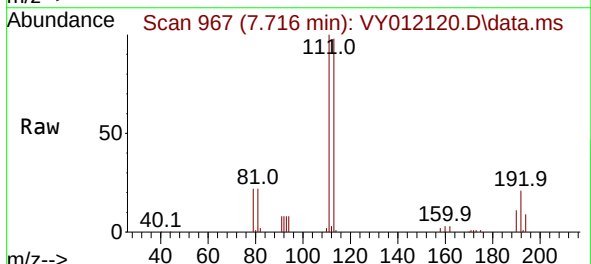
Tgt Ion:113 Resp: 55242

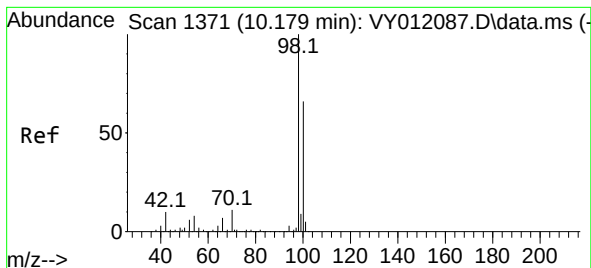
Ion Ratio Lower Upper

113 100

111 103.6 83.0 124.4

192 21.4 16.0 24.0





#50

Toluene-d8

Concen: 45.492 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012120.D

Acq: 09 Jan 2023 18:54

Instrument :

MSVOA_Y

ClientSampleId :

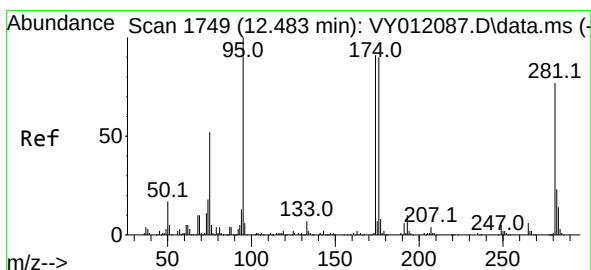
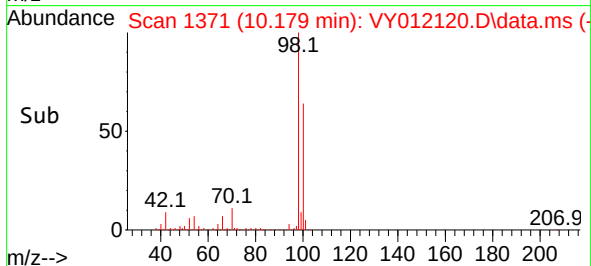
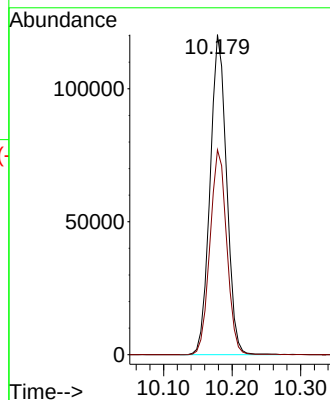
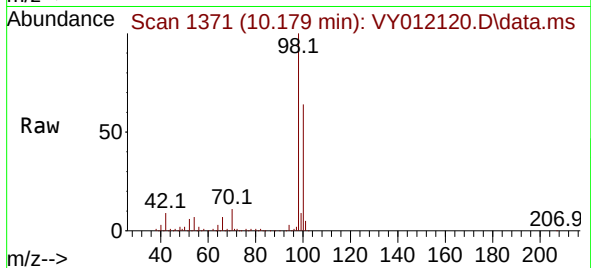
72-11933

Tgt Ion: 98 Resp: 201544

Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 41.100 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012120.D

Acq: 09 Jan 2023 18:54

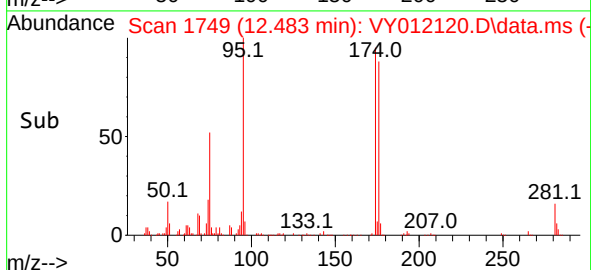
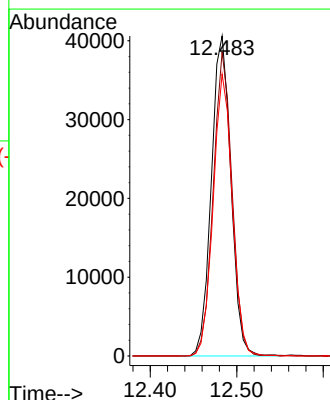
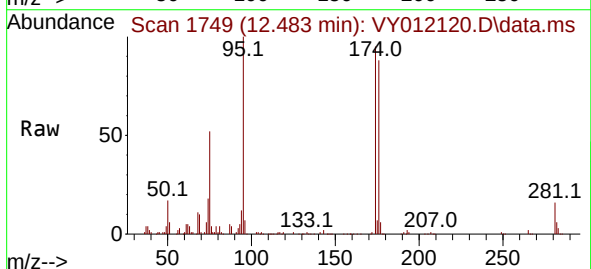
Tgt Ion: 95 Resp: 63647

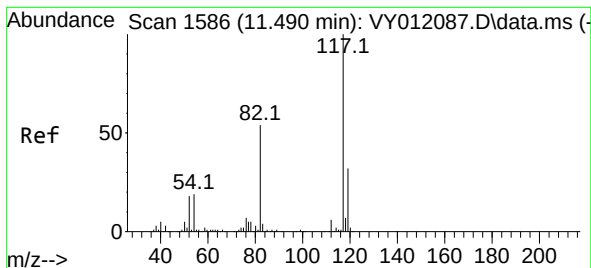
Ion Ratio Lower Upper

95 100

174 91.4 0.0 172.0

176 86.5 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012120.D

Acq: 09 Jan 2023 18:54

Instrument :

MSVOA_Y

ClientSampleId :

72-11933

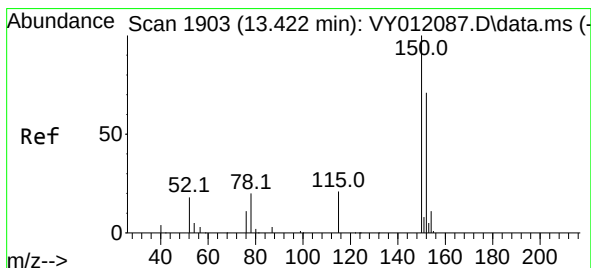
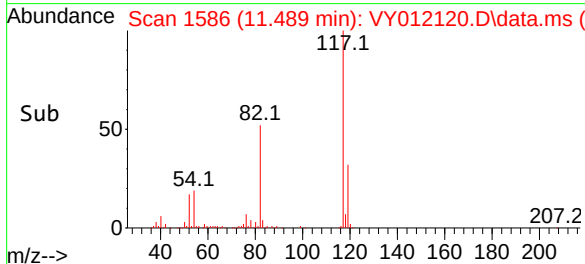
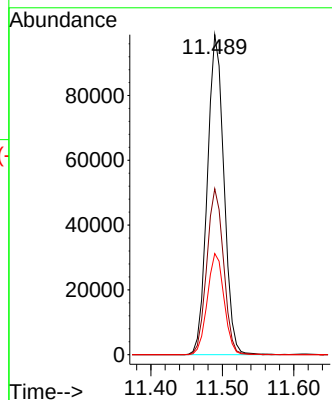
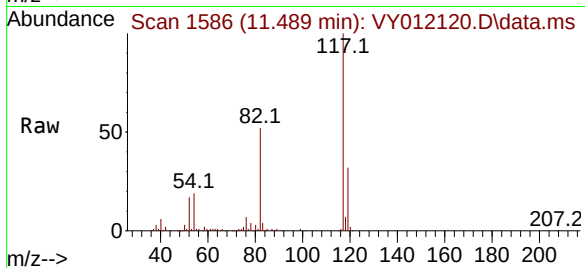
Tgt Ion:117 Resp: 159035

Ion Ratio Lower Upper

117 100

82 51.8 44.8 67.2

119 31.6 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012120.D

Acq: 09 Jan 2023 18:54

Tgt Ion:152 Resp: 66909

Ion Ratio Lower Upper

152 100

115 56.8 29.1 87.3

150 153.3 0.0 342.6

