

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
 Data File : VY012118.D
 Acq On : 09 Jan 2023 18:08
 Operator : KP/MD
 Sample : 01047-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6

Quant Time: Jan 10 01:49:34 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	180614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	307279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	312464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150889	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	104111	51.299	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.600%
35) Dibromofluoromethane	7.722	113	92846	45.970	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.940%
50) Toluene-d8	10.179	98	381854	47.901	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.800%
62) 4-Bromofluorobenzene	12.483	95	138167	49.585	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.160%

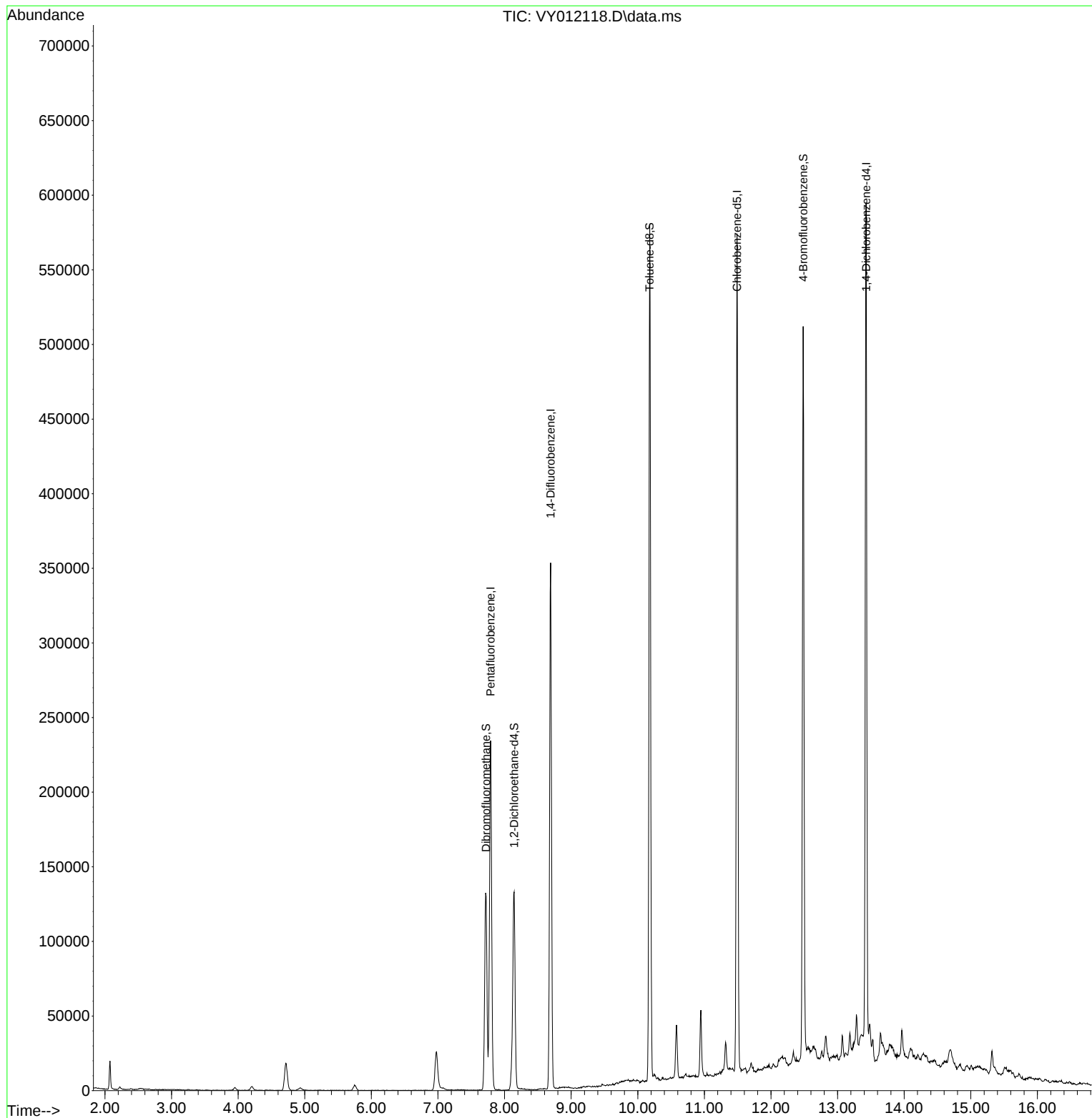
Target Compounds	Qvalue

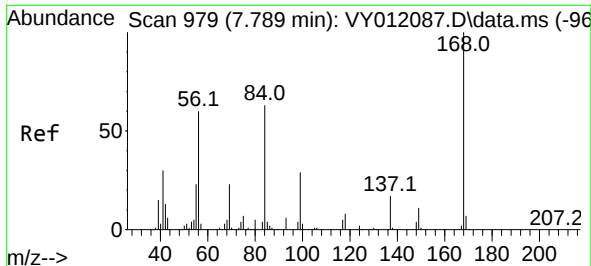
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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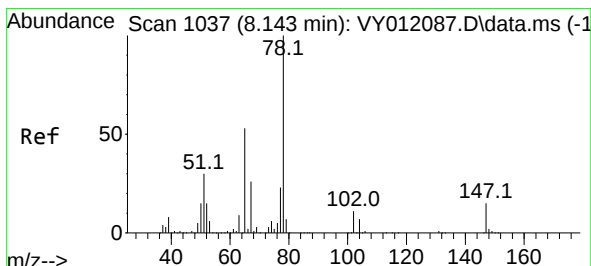
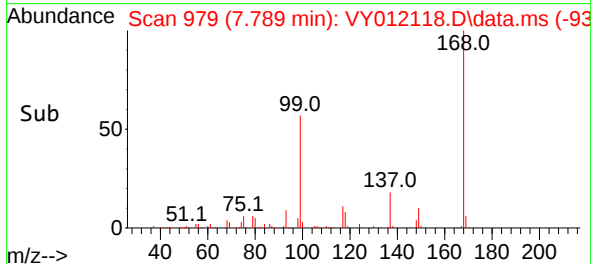
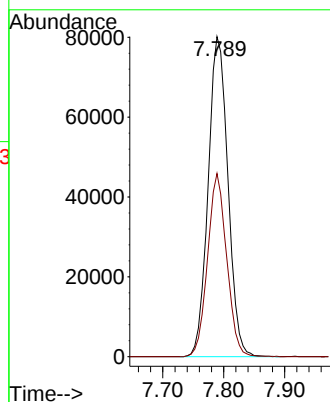
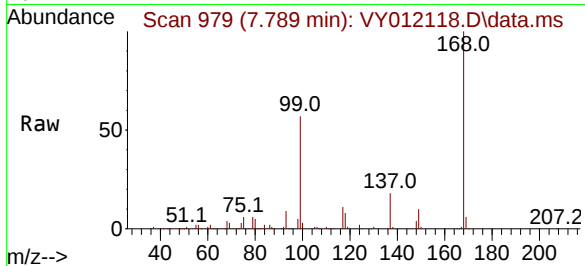




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012118.D
Acq: 09 Jan 2023 18:08

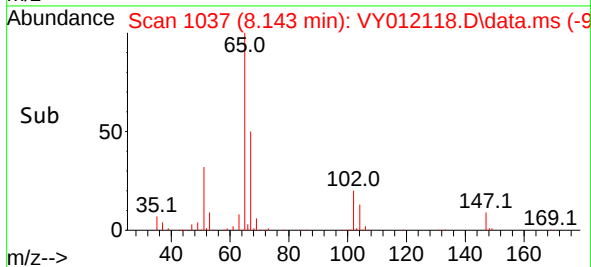
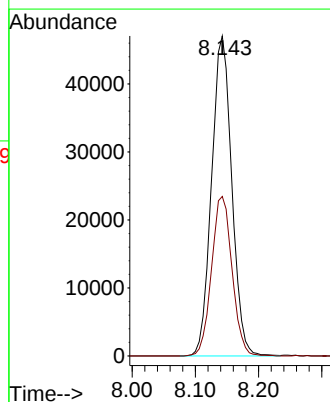
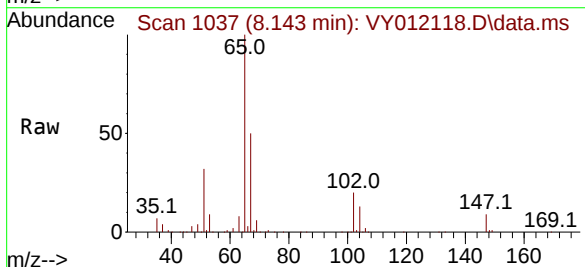
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

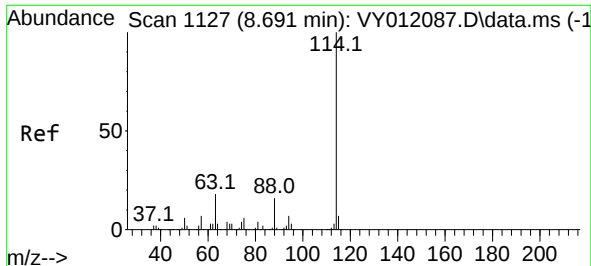
Tgt Ion:168 Resp: 180614
Ion Ratio Lower Upper
168 100
99 57.3 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 51.299 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012118.D
Acq: 09 Jan 2023 18:08

Tgt Ion: 65 Resp: 104111
Ion Ratio Lower Upper
65 100
67 50.6 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: VY012118.D

Acq: 09 Jan 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

TP-6

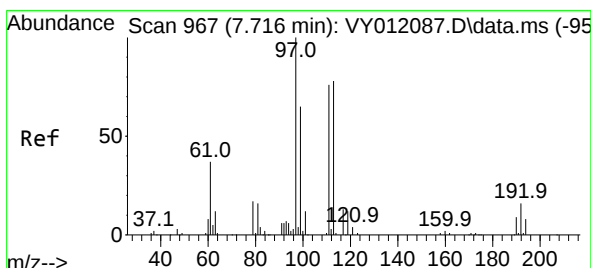
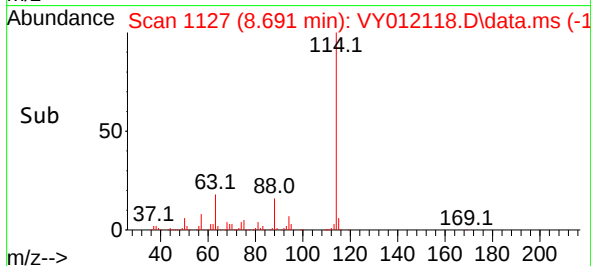
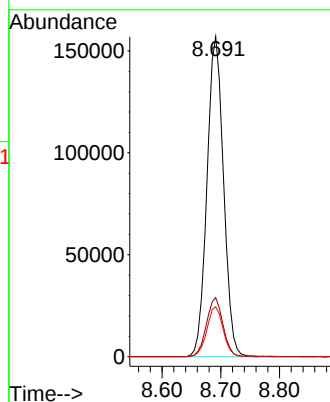
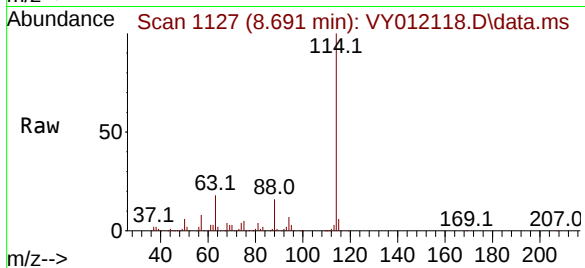
Tgt Ion:114 Resp: 307279

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.6

88 15.6 0.0 32.2



#35

Dibromofluoromethane

Concen: 45.970 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY012118.D

Acq: 09 Jan 2023 18:08

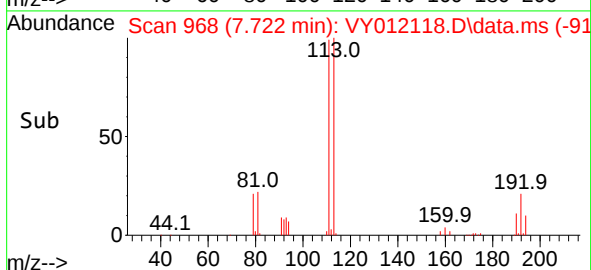
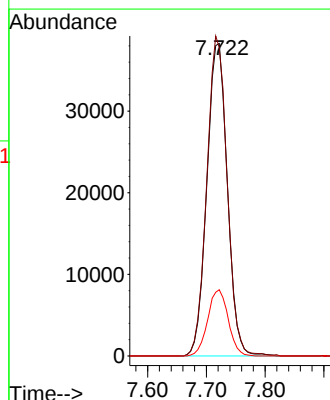
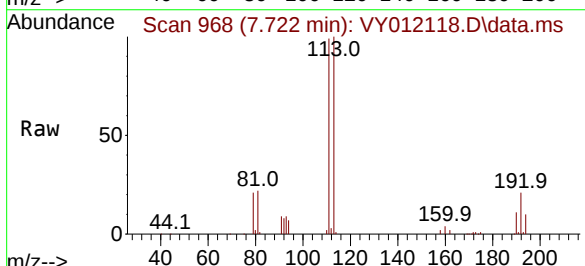
Tgt Ion:113 Resp: 92846

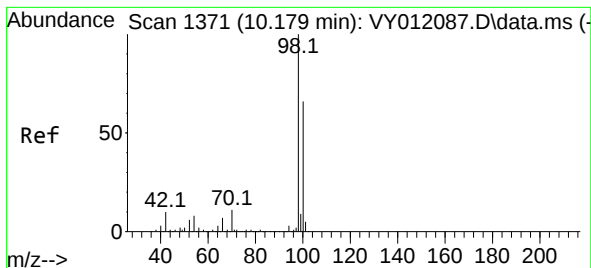
Ion Ratio Lower Upper

113 100

111 101.6 83.0 124.4

192 21.2 16.0 24.0

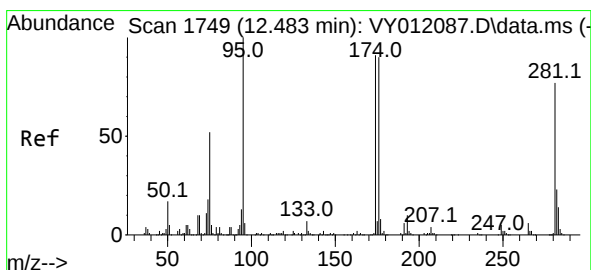
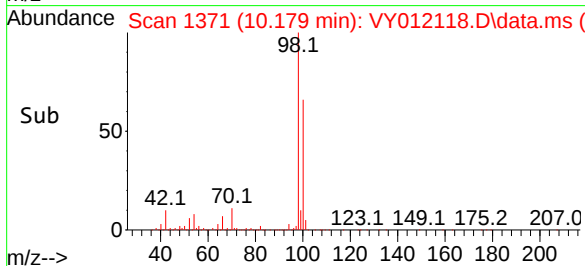
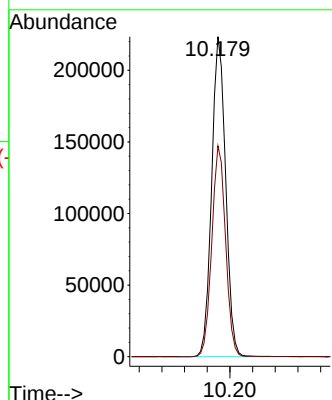
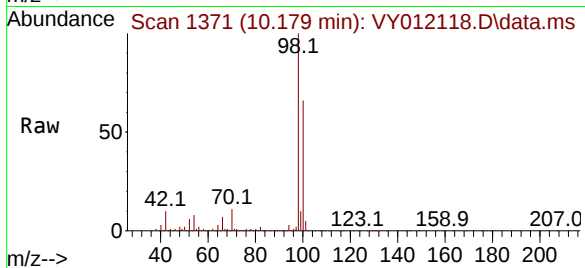




#50
Toluene-d8
Concen: 47.901 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012118.D
Acq: 09 Jan 2023 18:08

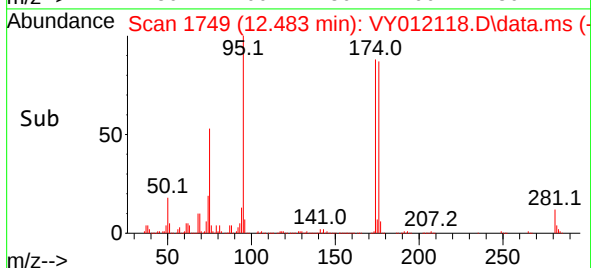
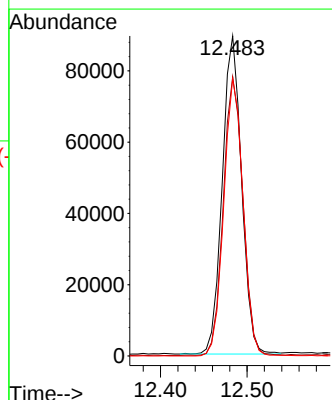
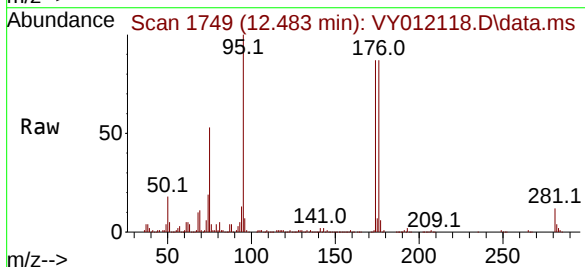
Instrument :
MSVOA_Y
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TP-6

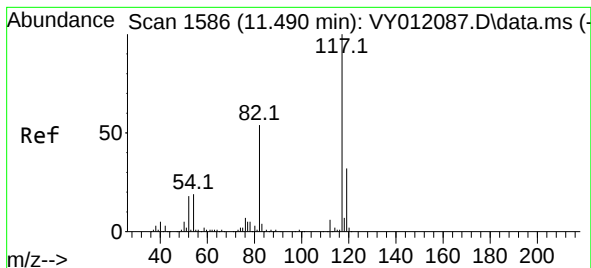
Tgt Ion: 98 Resp: 381854
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 49.585 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012118.D
Acq: 09 Jan 2023 18:08

Tgt Ion: 95 Resp: 138167
Ion Ratio Lower Upper
95 100
174 89.2 0.0 172.0
176 87.3 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012118.D

Acq: 09 Jan 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

TP-6

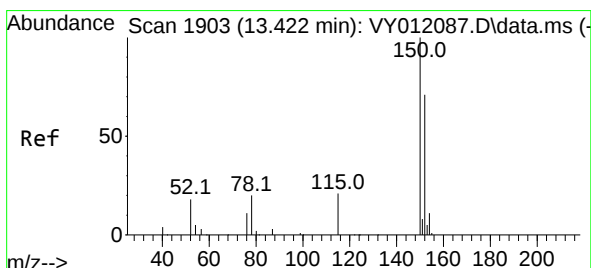
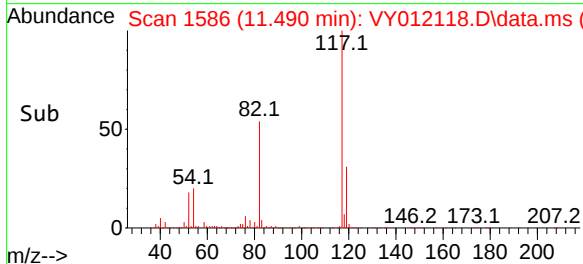
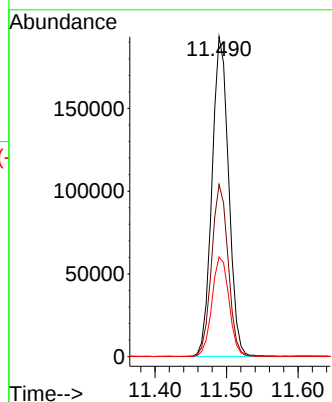
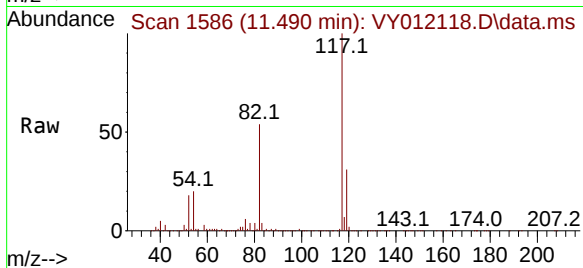
Tgt Ion:117 Resp: 312464

Ion Ratio Lower Upper

117 100

82 53.8 44.8 67.2

119 31.1 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012118.D

Acq: 09 Jan 2023 18:08

Tgt Ion:152 Resp: 150889

Ion Ratio Lower Upper

152 100

115 57.5 29.1 87.3

150 156.7 0.0 342.6

