

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030724\
 Data File : VY017610.D
 Acq On : 07 Mar 2024 18:20
 Operator : SY/MD
 Sample : P1705-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Mar 08 03:28:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	47178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	74352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	59612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	20227	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	20893	46.728	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.460%
35) Dibromofluoromethane	7.716	113	24671	47.617	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.240%
50) Toluene-d8	10.185	98	81353	44.909	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.820%
62) 4-Bromofluorobenzene	12.489	95	17934	31.502	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	63.000%

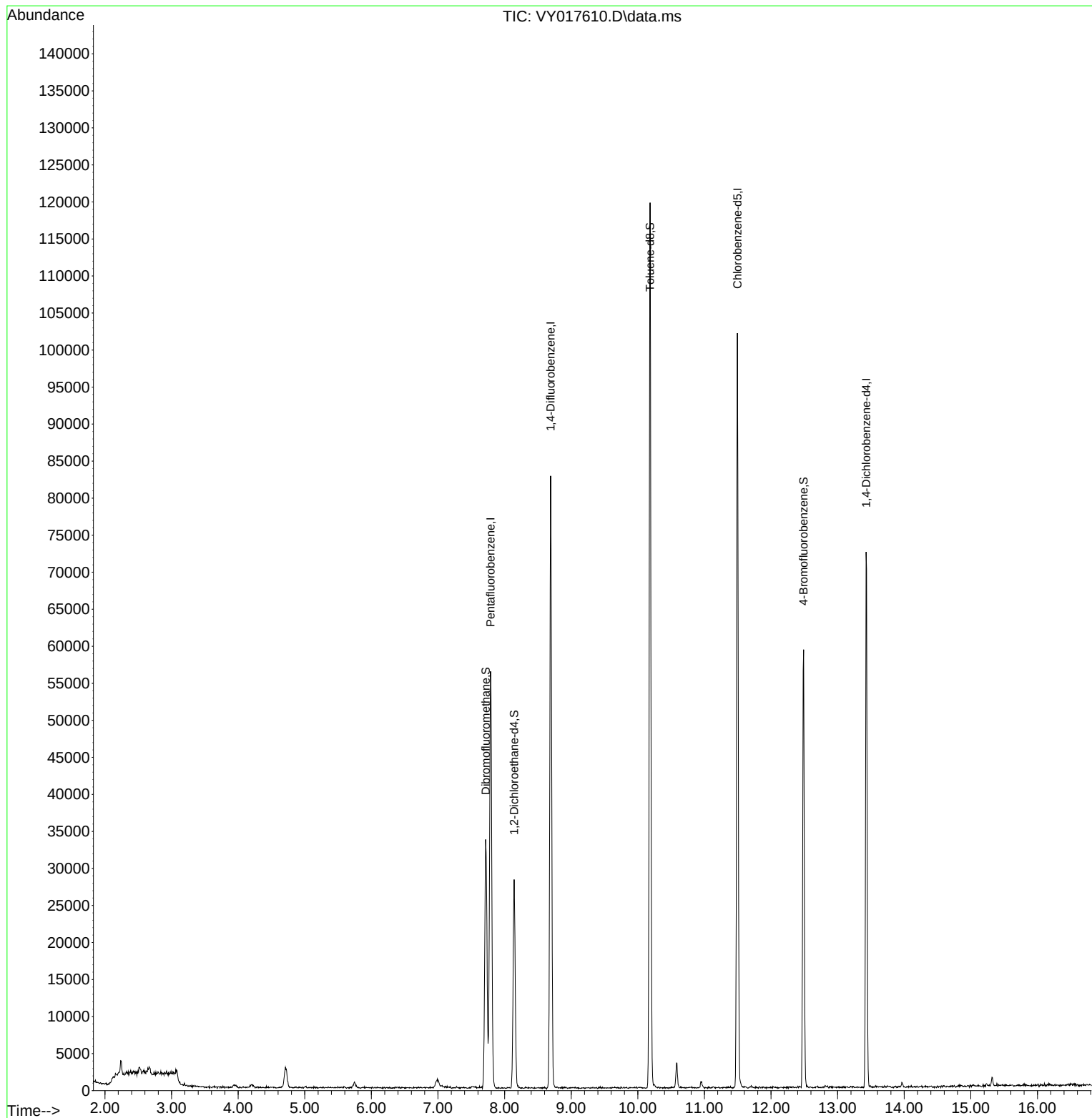
Target Compounds	Qvalue

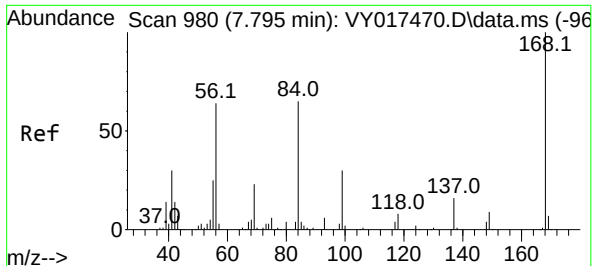
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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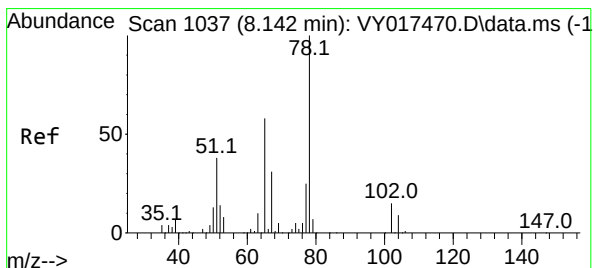
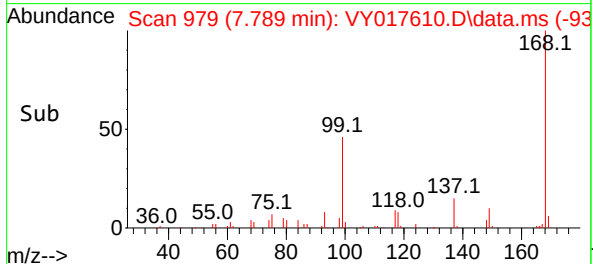
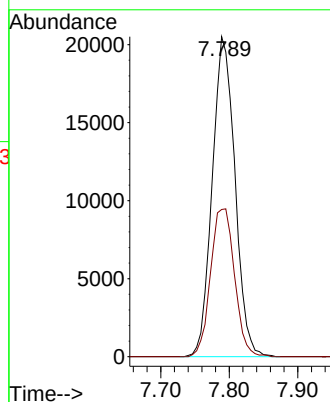
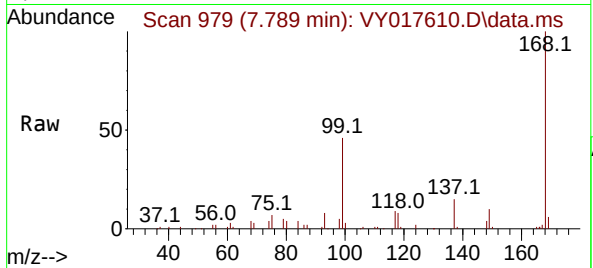




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017610.D
Acq: 07 Mar 2024 18:20

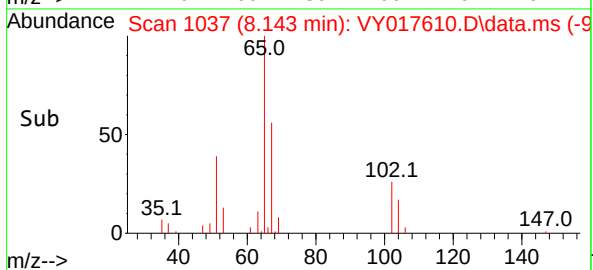
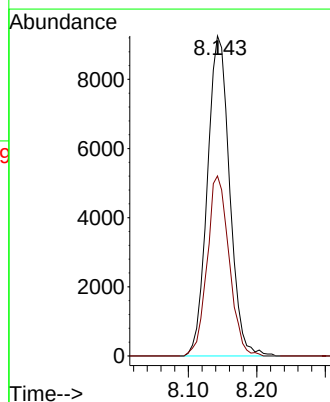
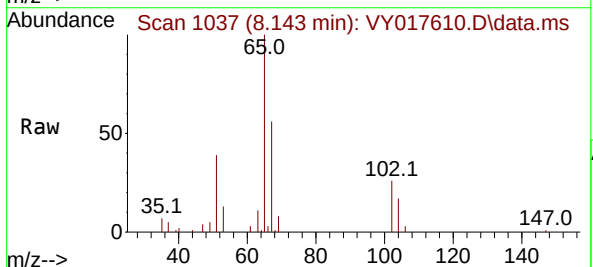
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

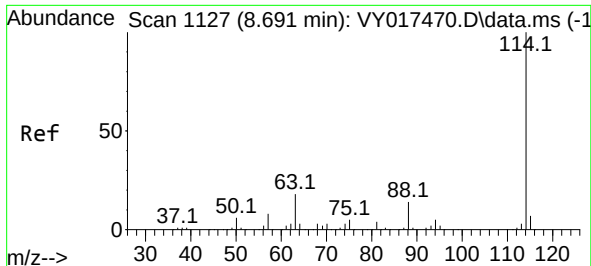
Tgt Ion:168 Resp: 47178
Ion Ratio Lower Upper
168 100
99 46.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 46.728 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017610.D
Acq: 07 Mar 2024 18:20

Tgt Ion: 65 Resp: 20893
Ion Ratio Lower Upper
65 100
67 55.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017610.D

Acq: 07 Mar 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

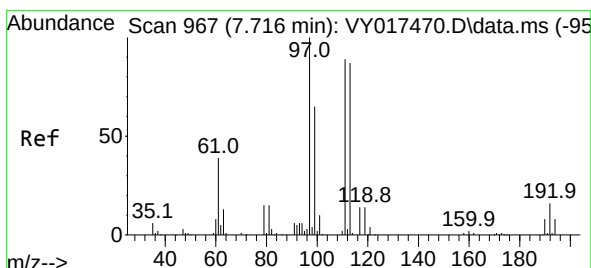
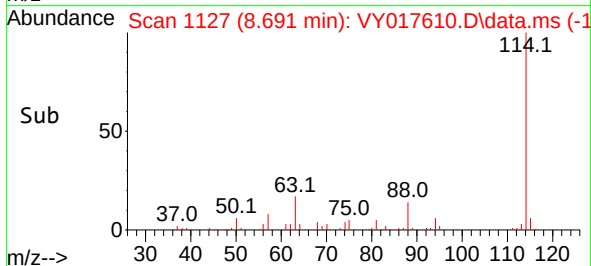
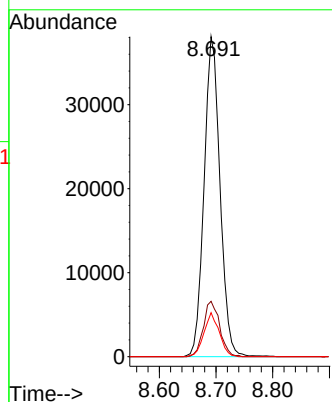
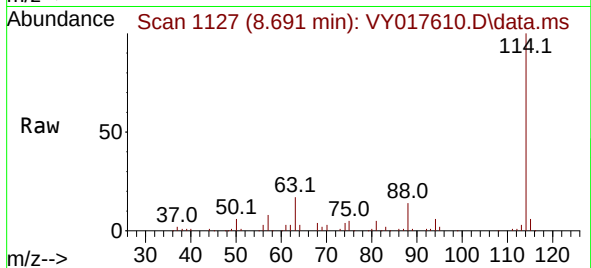
Tgt Ion:114 Resp: 74352

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

88 13.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.617 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017610.D

Acq: 07 Mar 2024 18:20

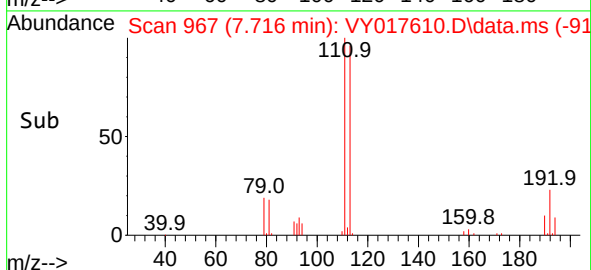
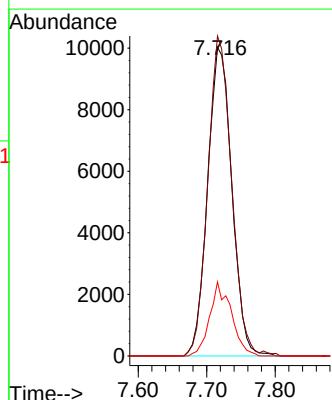
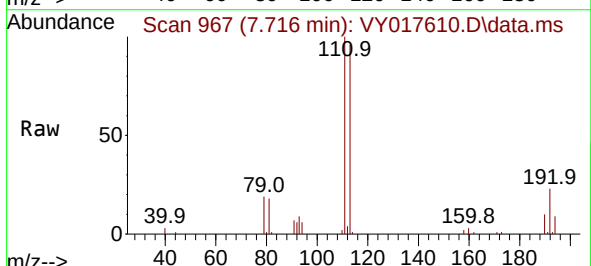
Tgt Ion:113 Resp: 24671

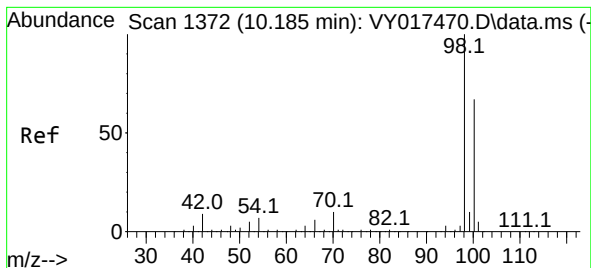
Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.4

192 21.4 15.9 23.9





#50

Toluene-d8

Concen: 44.909 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017610.D

Acq: 07 Mar 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

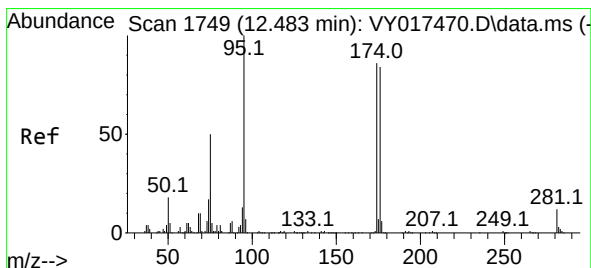
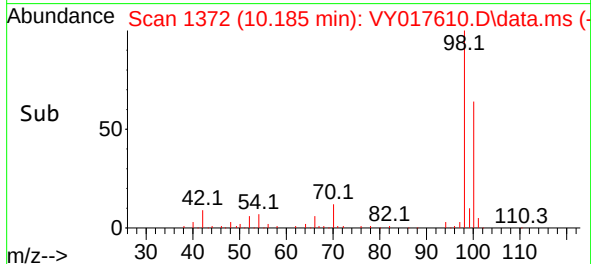
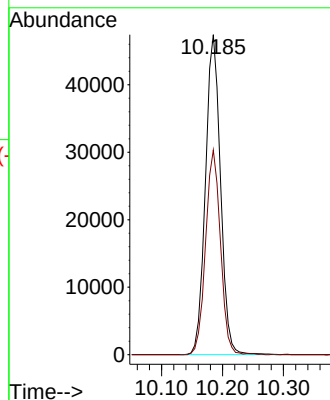
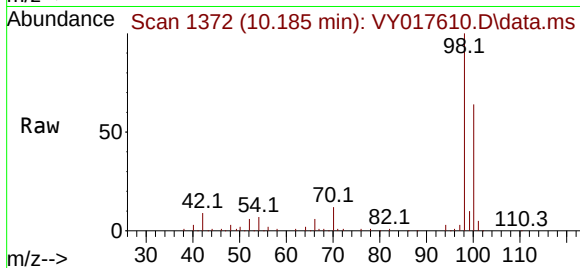
TP-1

Tgt Ion: 98 Resp: 81353

Ion Ratio Lower Upper

98 100

100 63.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 31.502 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY017610.D

Acq: 07 Mar 2024 18:20

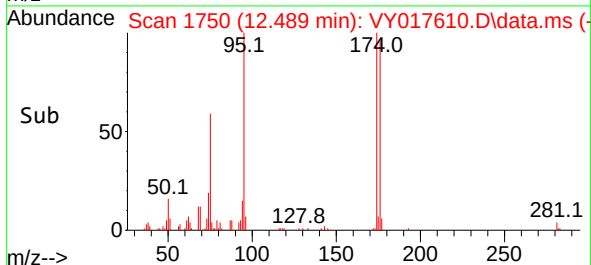
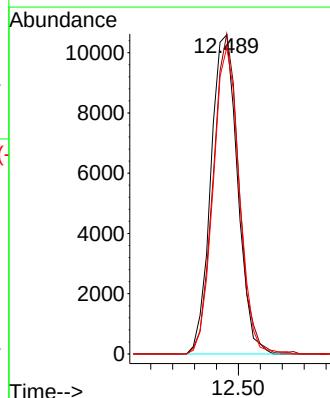
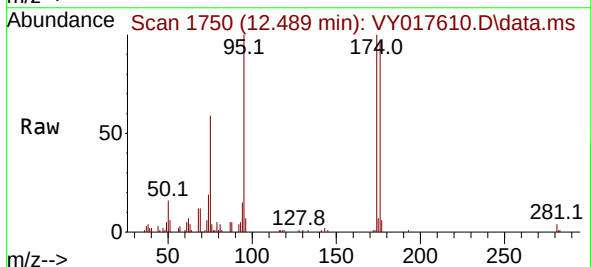
Tgt Ion: 95 Resp: 17934

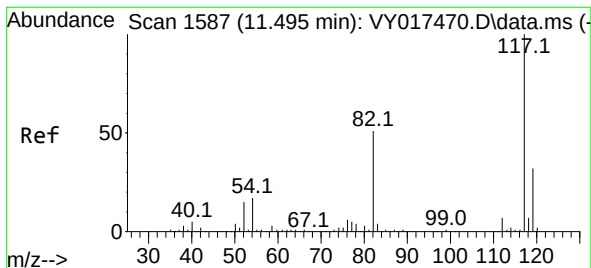
Ion Ratio Lower Upper

95 100

174 96.8 0.0 175.6

176 94.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017610.D

Acq: 07 Mar 2024 18:20

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

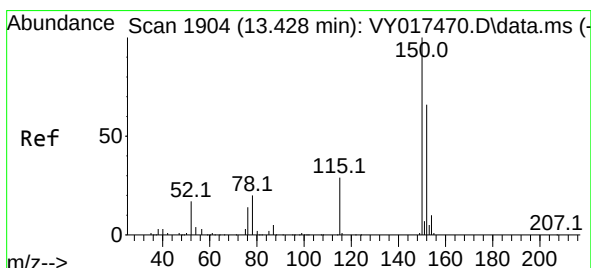
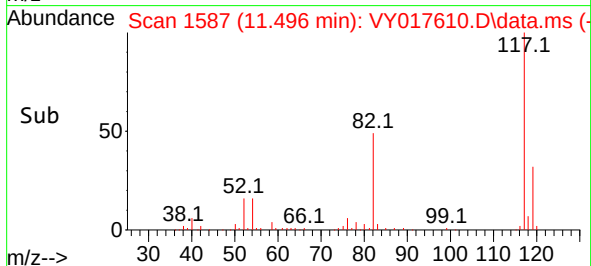
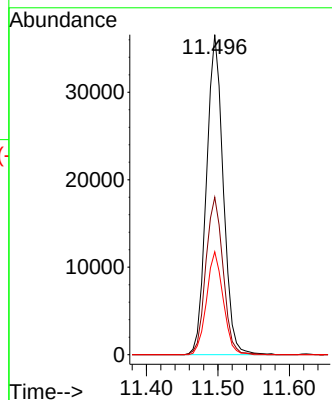
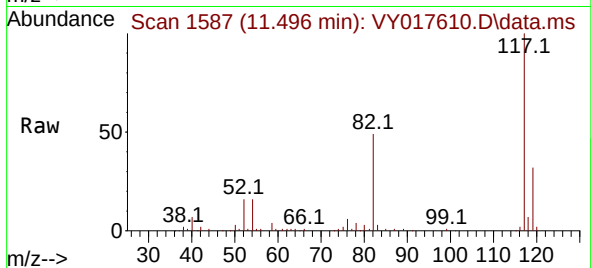
Tgt Ion:117 Resp: 59612

Ion Ratio Lower Upper

117 100

82 49.2 42.4 63.6

119 32.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017610.D

Acq: 07 Mar 2024 18:20

Tgt Ion:152 Resp: 20227

Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.7

150 153.7 0.0 345.6

