

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030724\
 Data File : VY017609.D
 Acq On : 07 Mar 2024 17:56
 Operator : SY/MD
 Sample : P1705-03
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Mar 08 03:28:23 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	29047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	38425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	26916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	7961	28.919	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	57.840%
35) Dibromofluoromethane	7.716	113	11051	41.272	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.540%
50) Toluene-d8	10.185	98	41586	44.421	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.840%
62) 4-Bromofluorobenzene	12.483	95	7920	26.919	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	53.840%

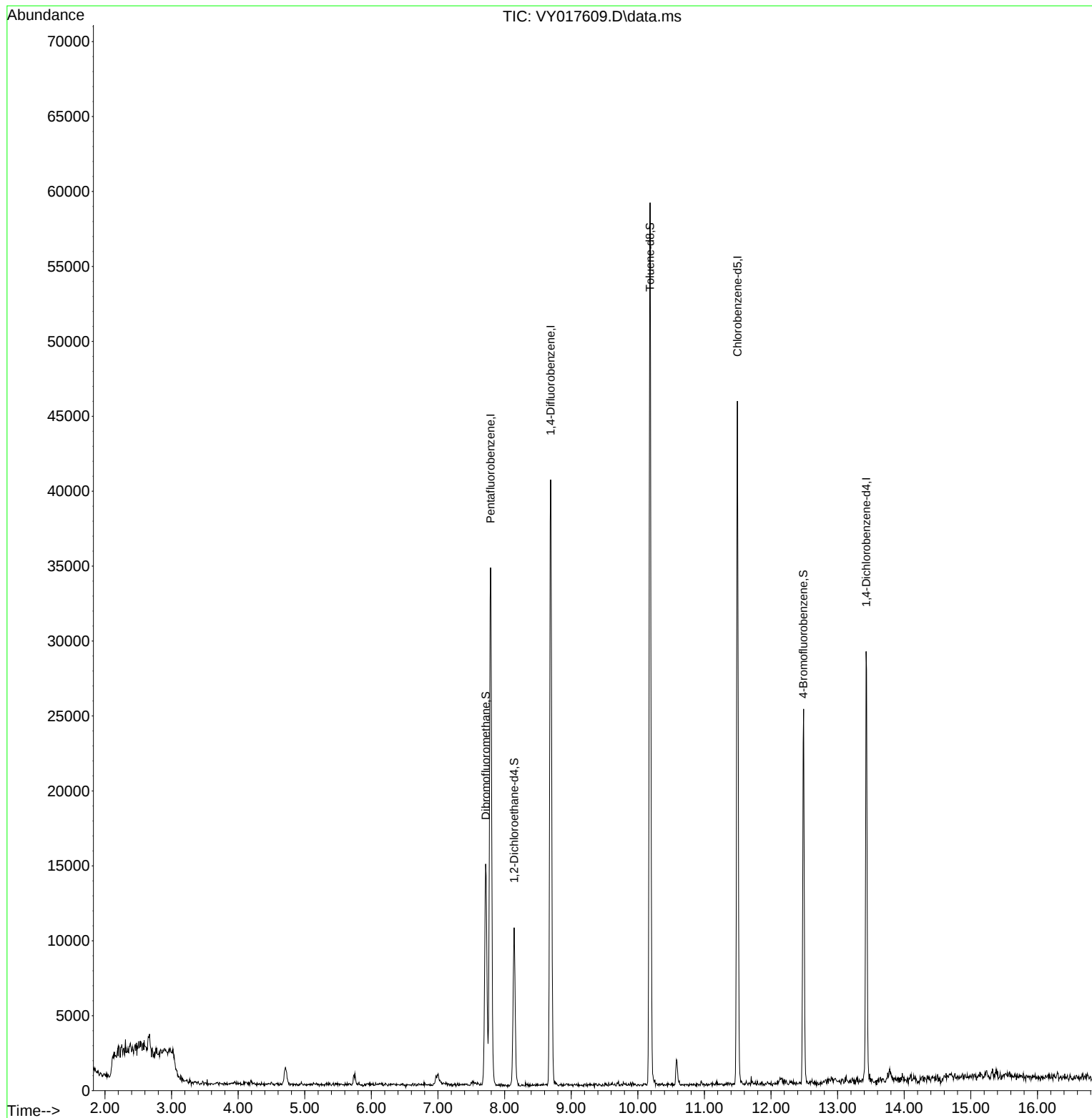
Target Compounds	Qvalue

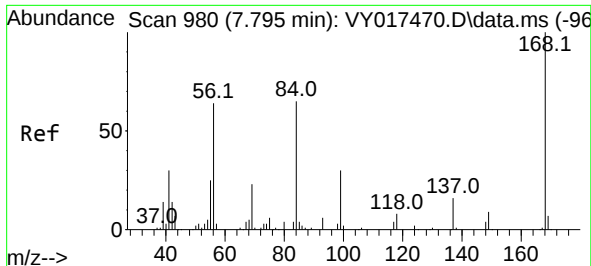
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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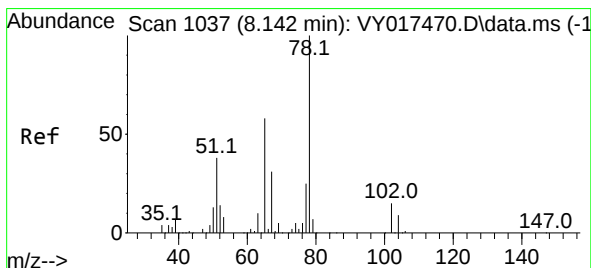
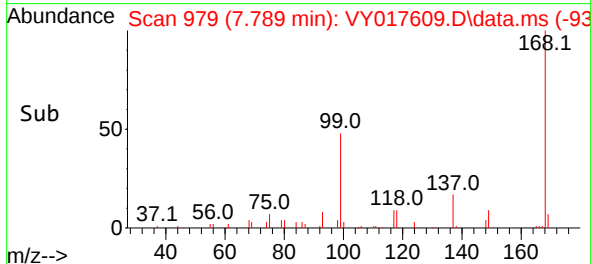
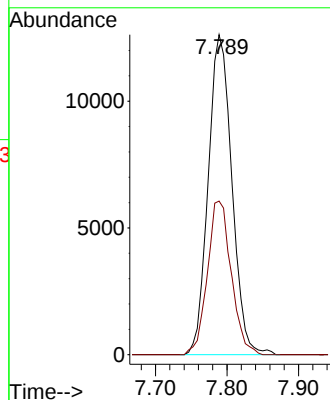
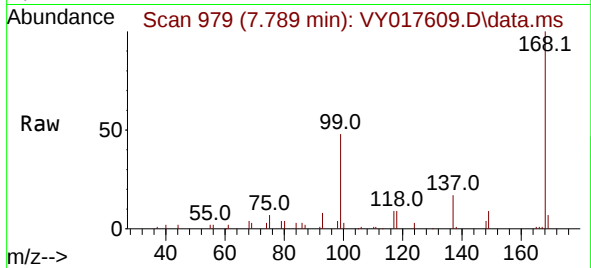




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017609.D
Acq: 07 Mar 2024 17:56

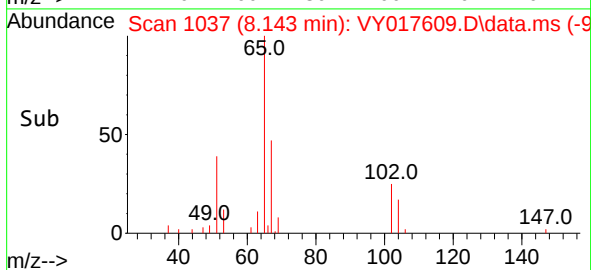
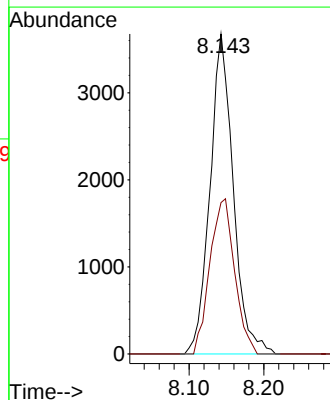
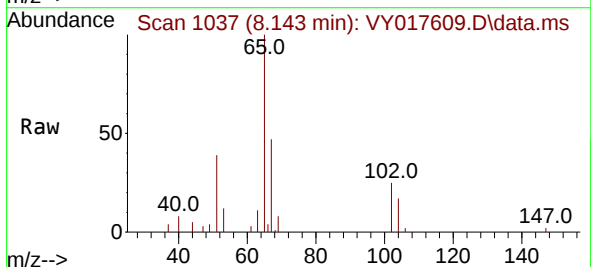
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

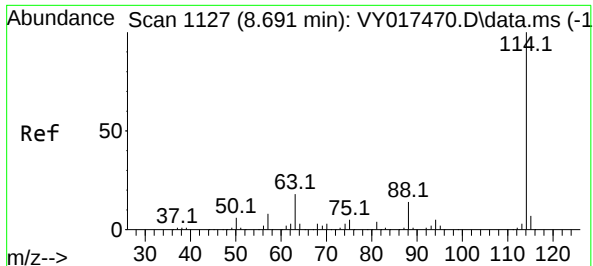
Tgt Ion:168 Resp: 29047
Ion Ratio Lower Upper
168 100
99 48.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 28.919 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017609.D
Acq: 07 Mar 2024 17:56

Tgt Ion: 65 Resp: 7961
Ion Ratio Lower Upper
65 100
67 51.5 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: VY017609.D

Acq: 07 Mar 2024 17:56

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

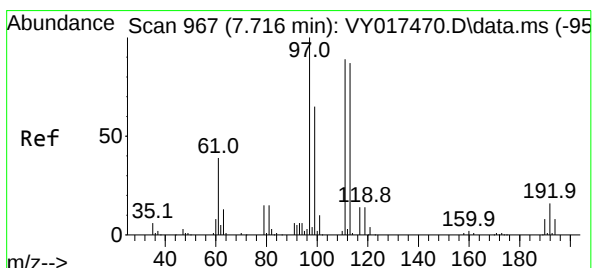
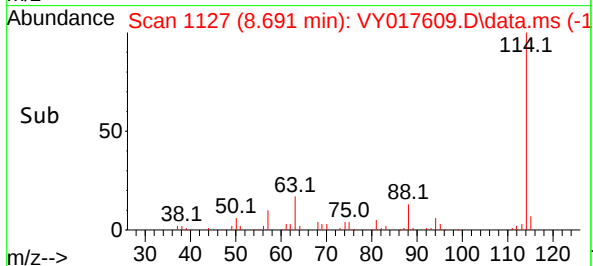
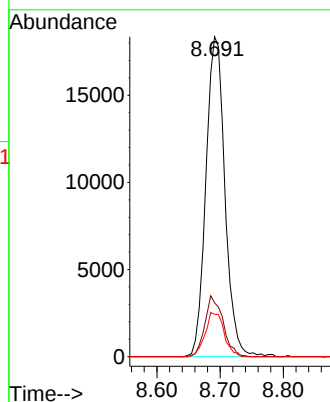
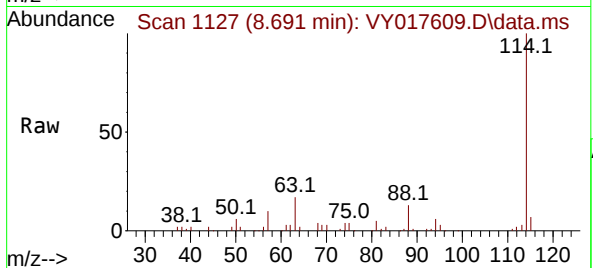
Tgt Ion:114 Resp: 38425

Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

88 13.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 41.272 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017609.D

Acq: 07 Mar 2024 17:56

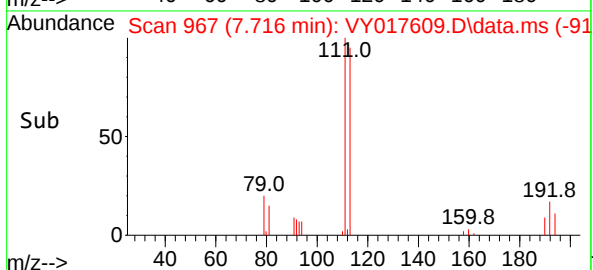
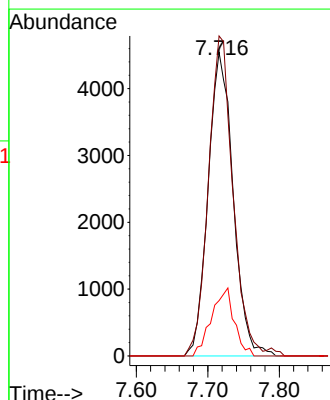
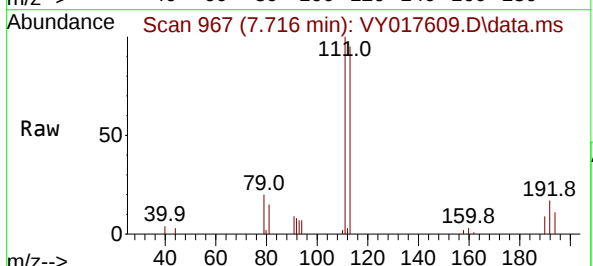
Tgt Ion:113 Resp: 11051

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 20.3 15.9 23.9

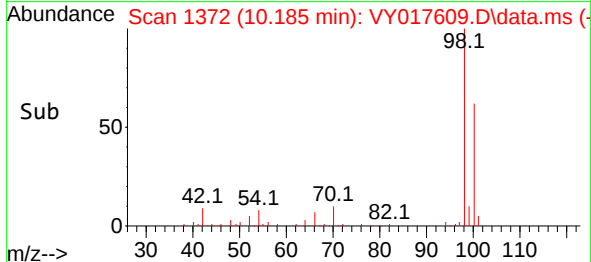
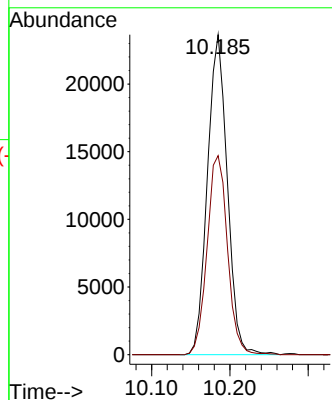
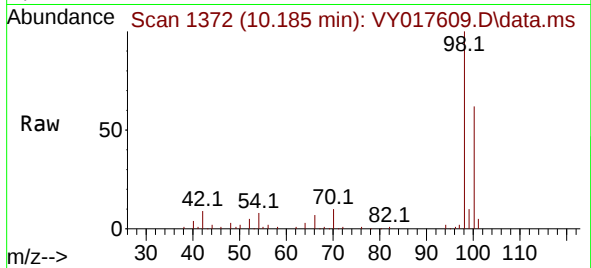




#50
Toluene-d8
Concen: 44.421 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017609.D
Acq: 07 Mar 2024 17:56

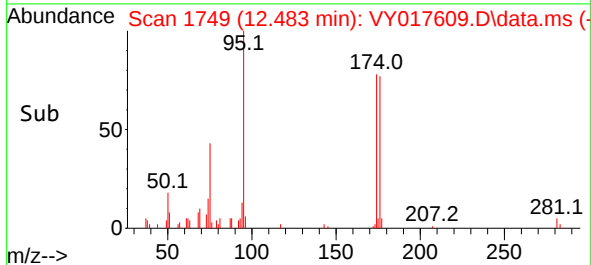
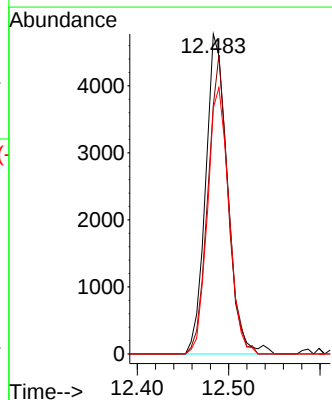
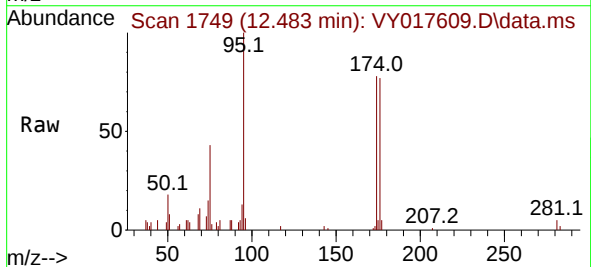
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TP-2

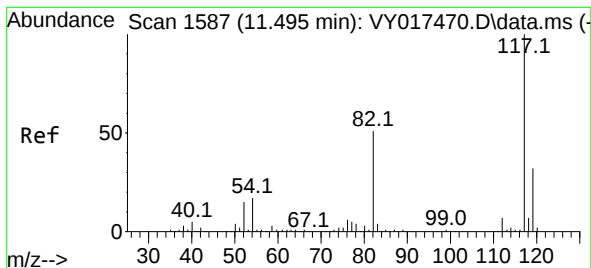
Tgt Ion: 98 Resp: 41586
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 26.919 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017609.D
Acq: 07 Mar 2024 17:56

Tgt Ion: 95 Resp: 7920
Ion Ratio Lower Upper
95 100
174 86.2 0.0 175.6
176 81.3 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: VY017609.D

Acq: 07 Mar 2024 17:56

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

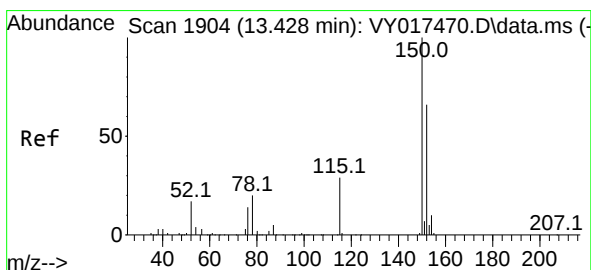
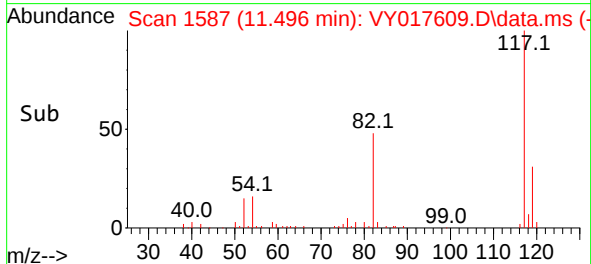
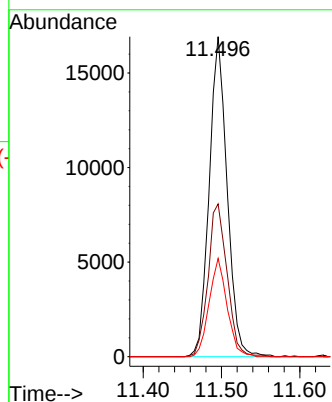
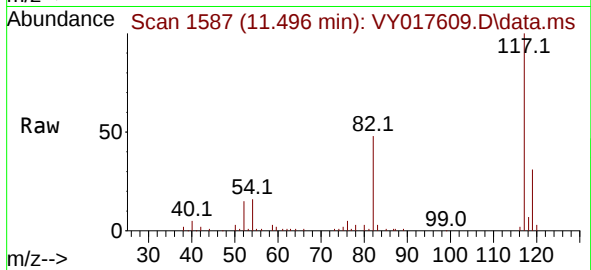
Tgt Ion:117 Resp: 26916

Ion Ratio Lower Upper

117 100

82 47.7 42.4 63.6

119 30.7 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: VY017609.D

Acq: 07 Mar 2024 17:56

Tgt Ion:152 Resp: 7739

Ion Ratio Lower Upper

152 100

115 54.8 28.2 84.7

150 153.5 0.0 345.6

