

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017672.D
 Acq On : 15 Mar 2024 14:59
 Operator : SY/MD
 Sample : P1746-16
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05-0-2.0-DUP

Quant Time: Mar 16 00:17:06 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	23805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	33302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	25475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	8878	39.352	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.700%
35) Dibromofluoromethane	7.710	113	11664	50.263	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.520%
50) Toluene-d8	10.179	98	36356	44.809	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.620%
62) 4-Bromofluorobenzene	12.483	95	6883	26.993	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	53.980%

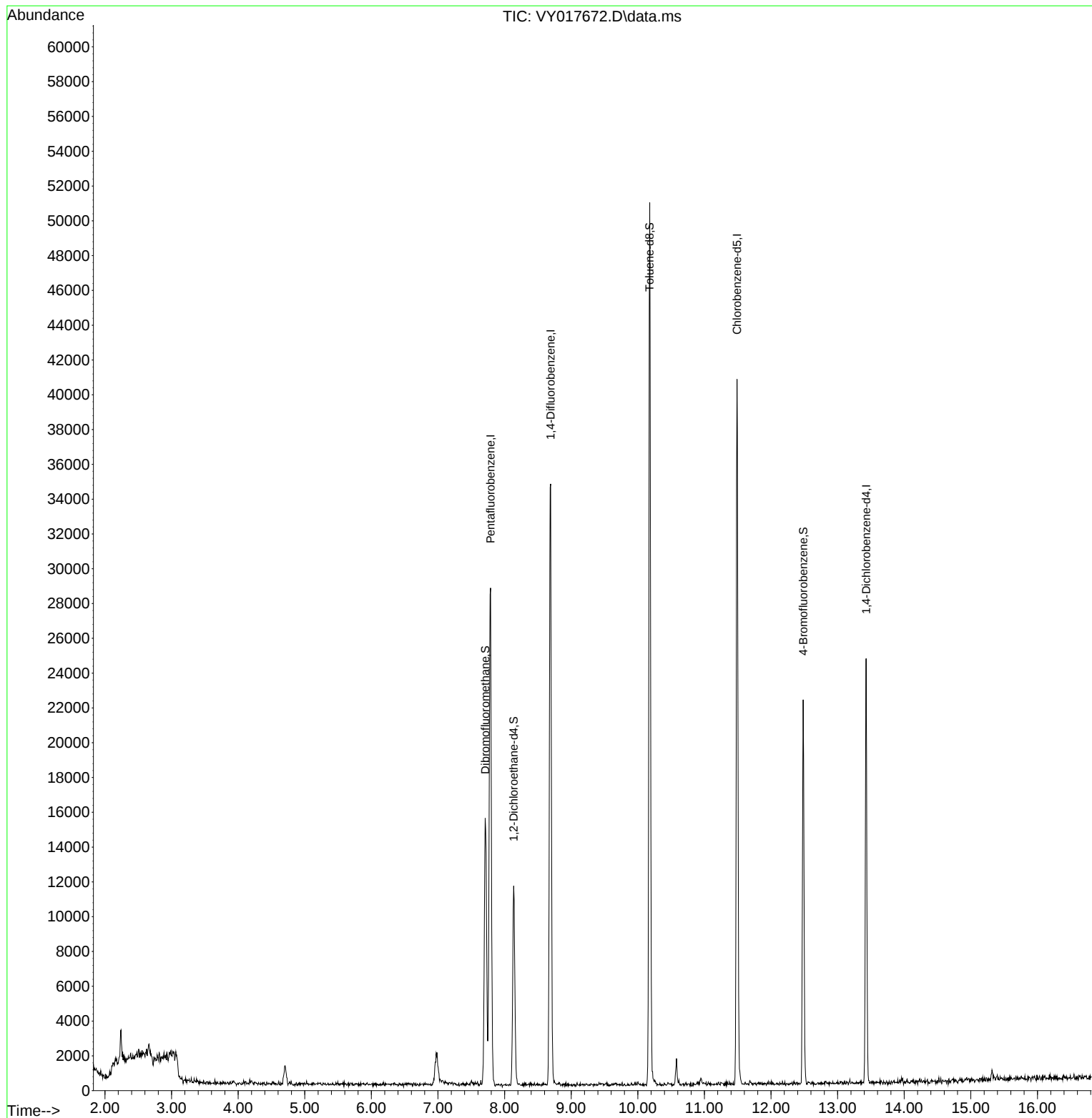
Target Compounds	Qvalue

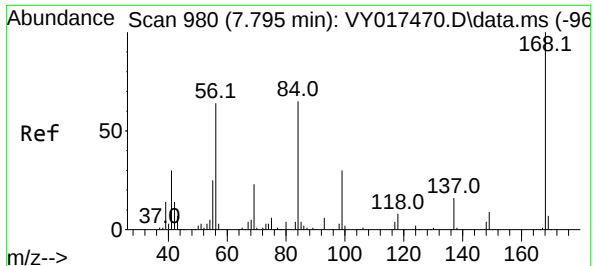
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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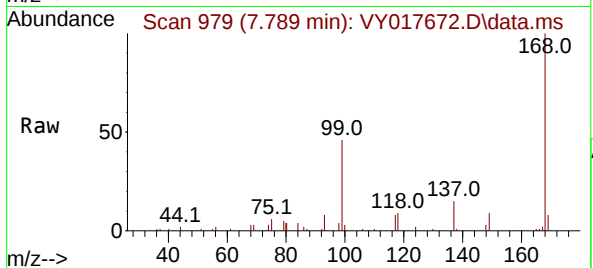
Quant Time: Mar 16 00:17:06 2024
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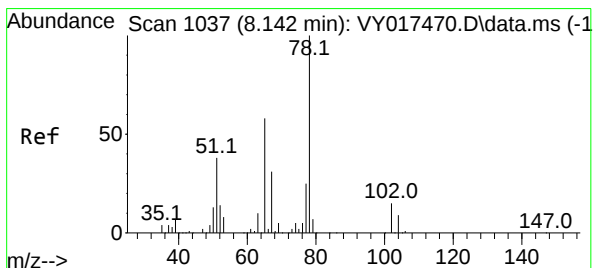
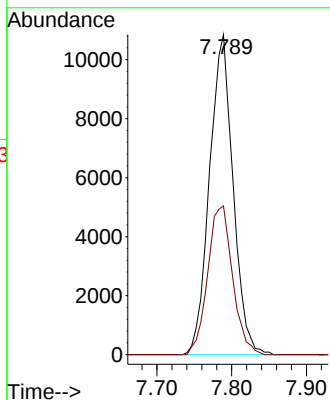
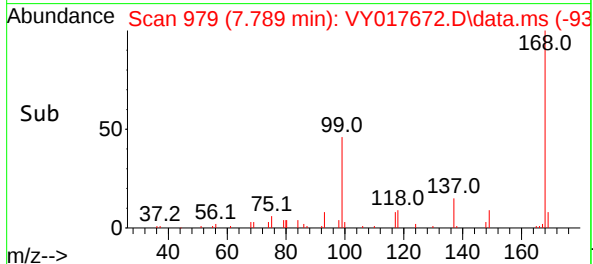


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017672.D
Acq: 15 Mar 2024 14:59

Instrument :
MSVOA_Y
ClientSampleId :
SB-05-0-2.0-DUP

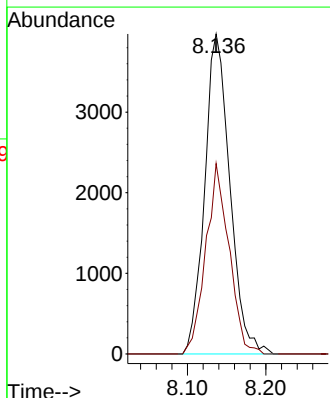
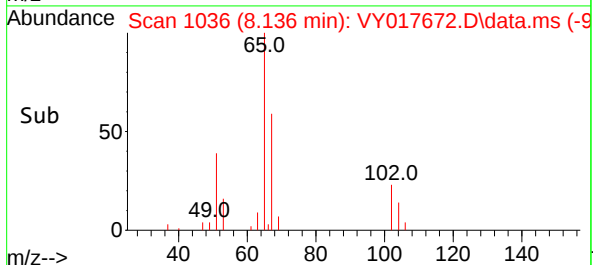
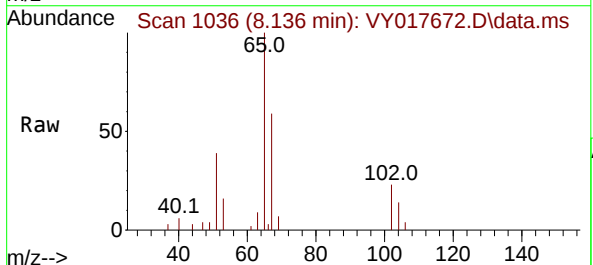


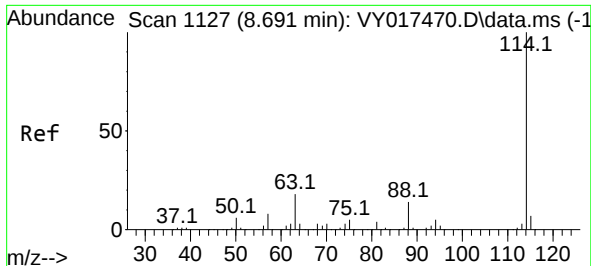
Tgt Ion:168 Resp: 23805
Ion Ratio Lower Upper
168 100
99 46.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 39.352 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017672.D
Acq: 15 Mar 2024 14:59

Tgt Ion: 65 Resp: 8878
Ion Ratio Lower Upper
65 100
67 55.2 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: VY017672.D

Acq: 15 Mar 2024 14:59

Instrument :

MSVOA_Y

ClientSampleId :

SB-05-0-2.0-DUP

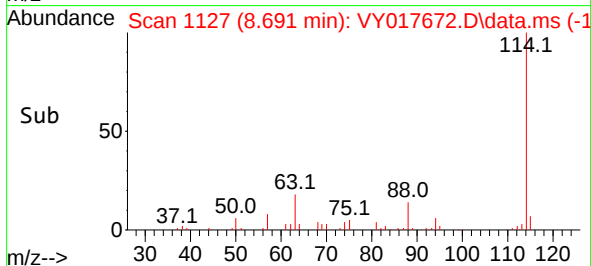
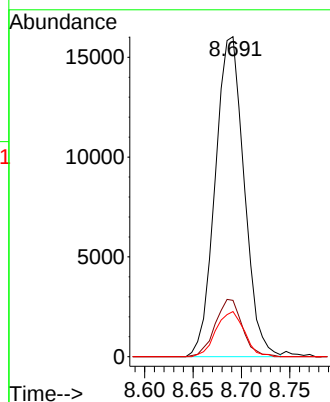
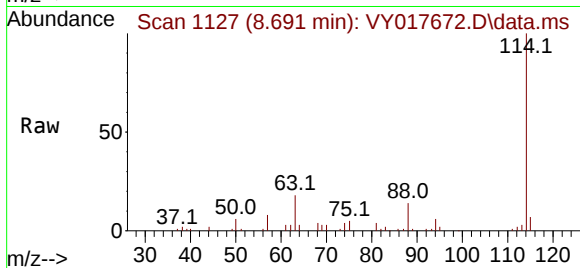
Tgt Ion:114 Resp: 33302

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.263 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY017672.D

Acq: 15 Mar 2024 14:59

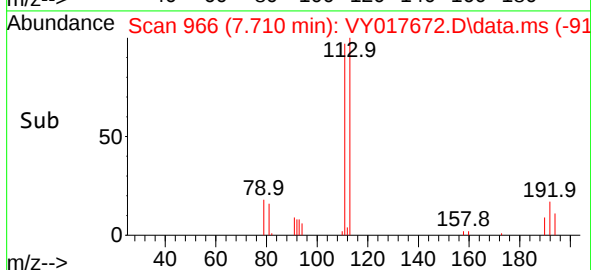
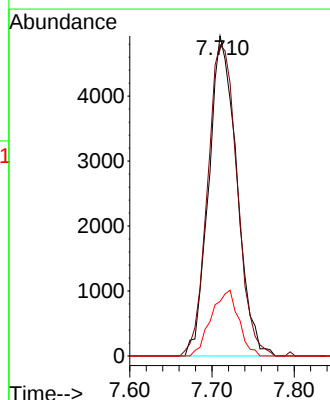
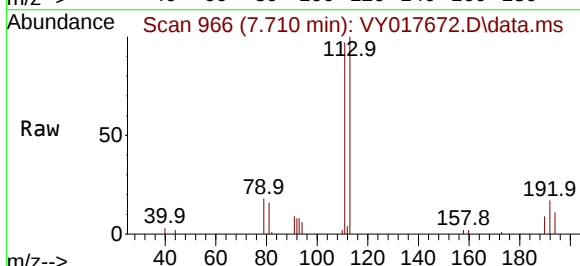
Tgt Ion:113 Resp: 11664

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

192 20.1 15.9 23.9

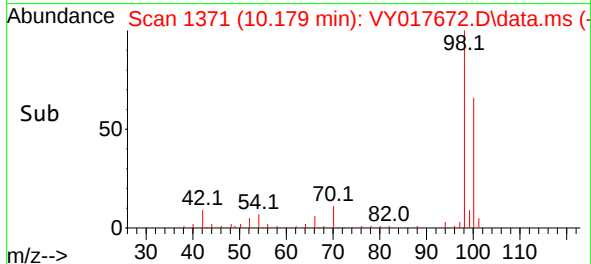
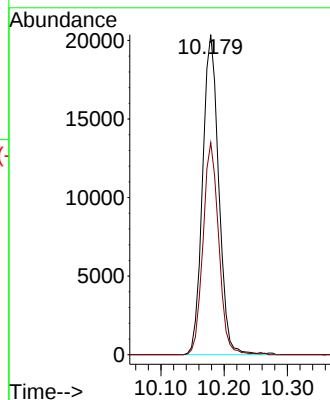
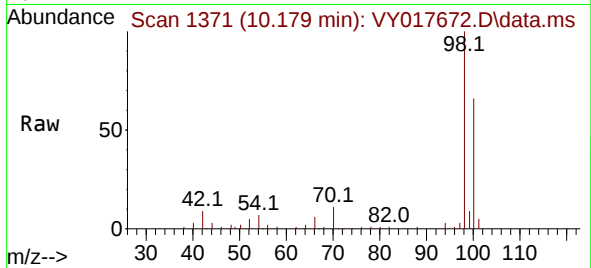




#50
Toluene-d8
Concen: 44.809 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017672.D
Acq: 15 Mar 2024 14:59

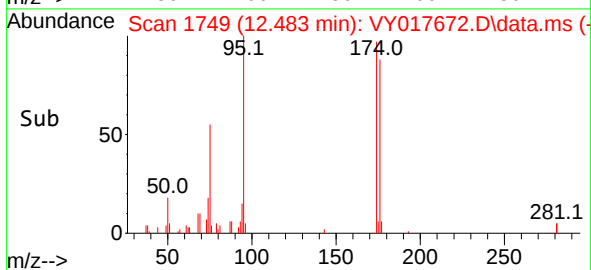
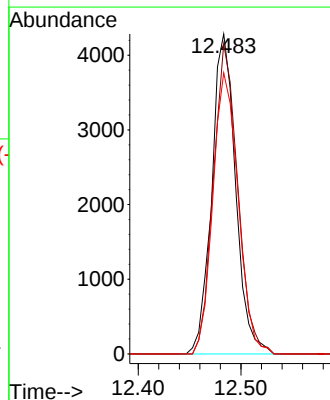
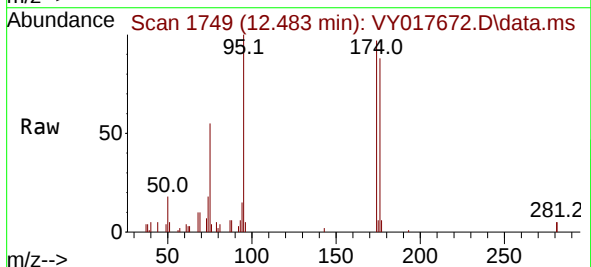
Instrument :
MSVOA_Y
ClientSampleId :
SB-05-0-2.0-DUP

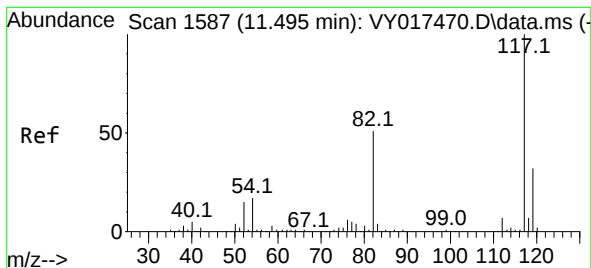
Tgt Ion: 98 Resp: 36356
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 26.993 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017672.D
Acq: 15 Mar 2024 14:59

Tgt Ion: 95 Resp: 6883
Ion Ratio Lower Upper
95 100
174 99.3 0.0 175.6
176 93.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017672.D

Acq: 15 Mar 2024 14:59

Instrument :

MSVOA_Y

ClientSampleId :

SB-05-0-2.0-DUP

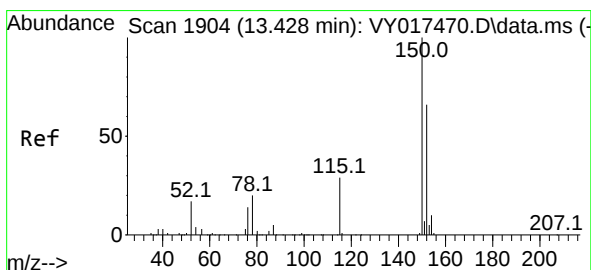
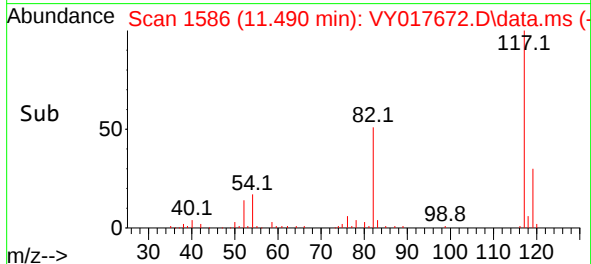
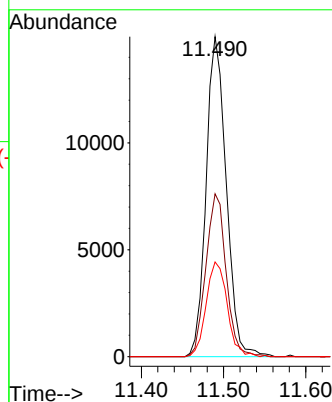
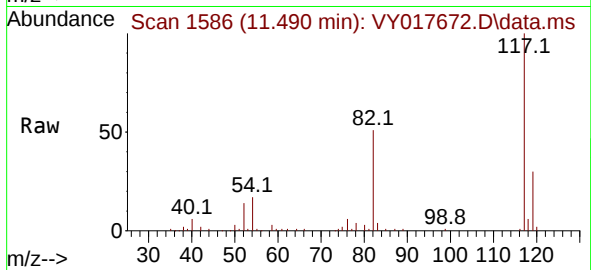
Tgt Ion:117 Resp: 25475

Ion Ratio Lower Upper

117 100

82 50.9 42.4 63.6

119 29.6 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: VY017672.D

Acq: 15 Mar 2024 14:59

Tgt Ion:152 Resp: 7082

Ion Ratio Lower Upper

152 100

115 52.8 28.2 84.7

150 154.7 0.0 345.6

