

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
 Data File : VY014453.D
 Acq On : 27 Jun 2023 13:15
 Operator : KP/MD
 Sample : 03402-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-0623RE

Quant Time: Jun 27 16:42:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	21872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	29388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	26581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10739	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	12879	47.426	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.860%
35) Dibromofluoromethane	7.716	113	9342	51.453	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.900%
50) Toluene-d8	10.179	98	34344	47.585	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.160%
62) 4-Bromofluorobenzene	12.483	95	9447	36.664	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.320%

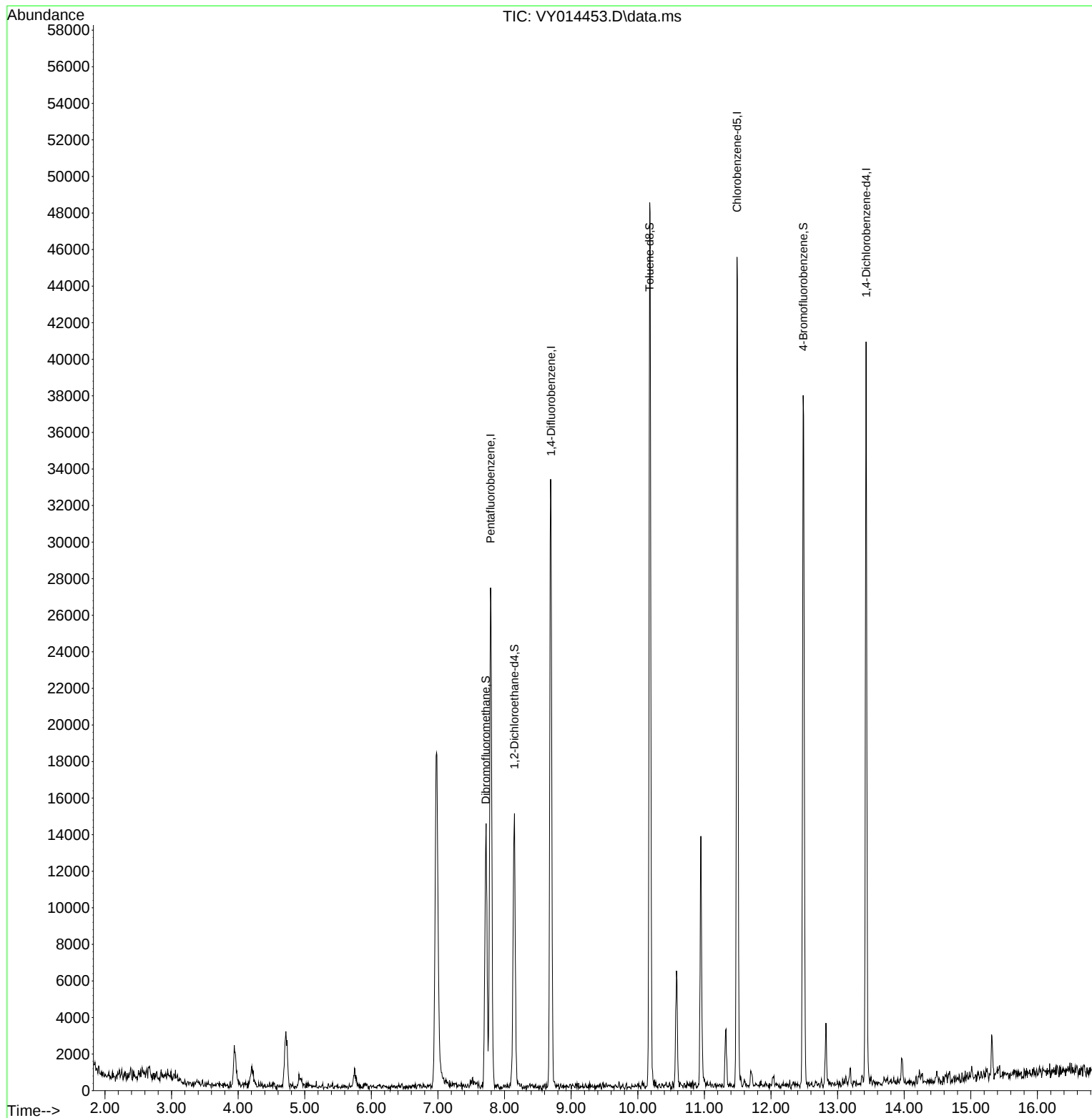
Target Compounds	Qvalue

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

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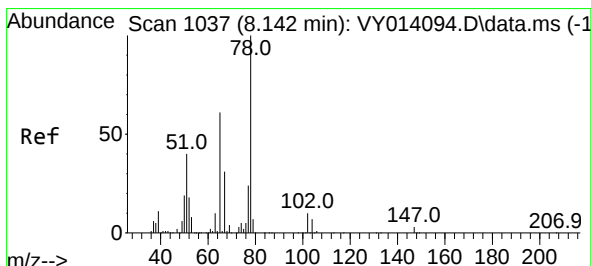
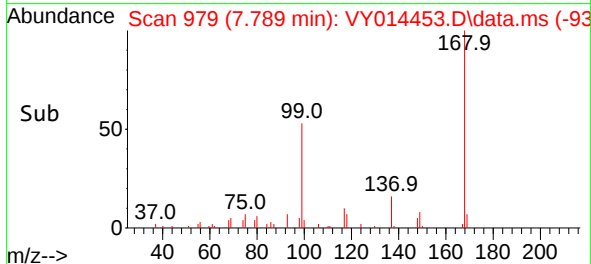
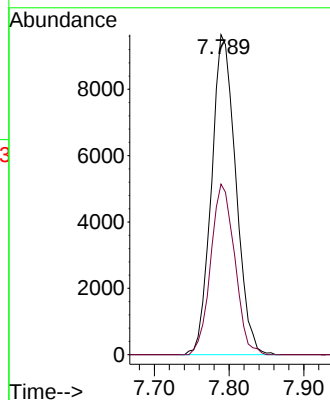
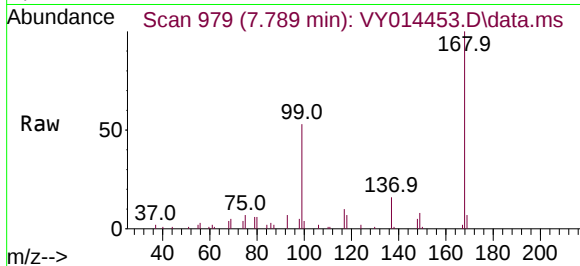




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014453.D
Acq: 27 Jun 2023 13:15

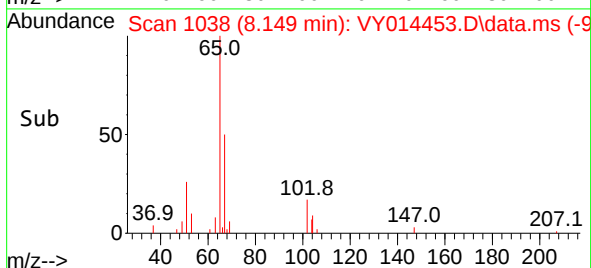
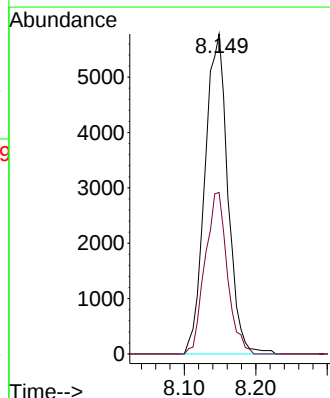
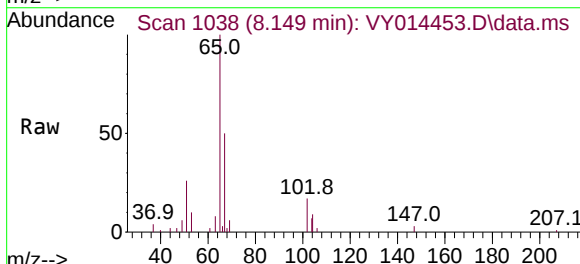
Instrument :
MSVOA_Y
ClientSampleId :
TP1-0623RE

Tgt Ion:168 Resp: 21872
Ion Ratio Lower Upper
168 100
99 53.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 47.426 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VY014453.D
Acq: 27 Jun 2023 13:15

Tgt Ion: 65 Resp: 12879
Ion Ratio Lower Upper
65 100
67 49.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014453.D

Acq: 27 Jun 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

TP1-0623RE

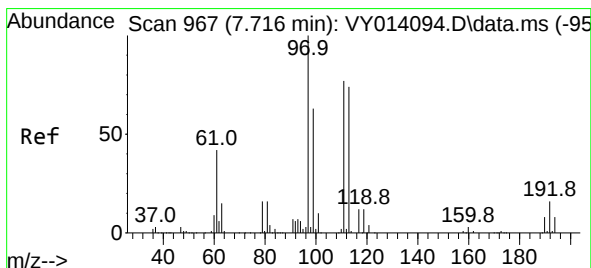
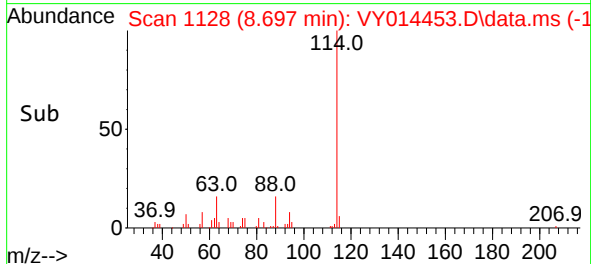
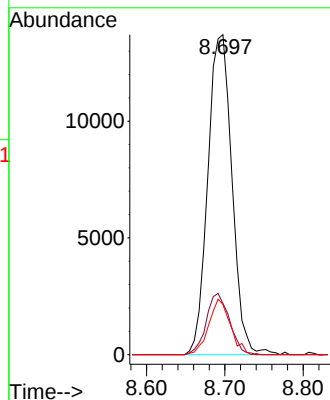
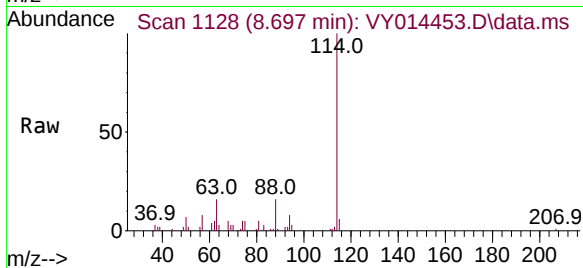
Tgt Ion:114 Resp: 29388

Ion Ratio Lower Upper

114 100

63 16.0 0.0 42.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.453 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014453.D

Acq: 27 Jun 2023 13:15

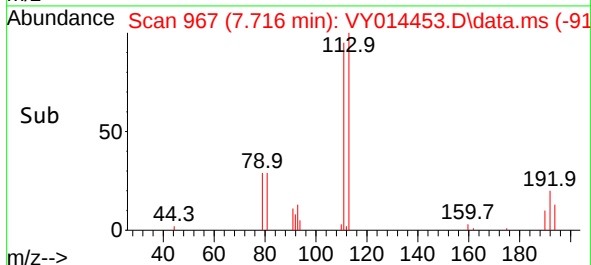
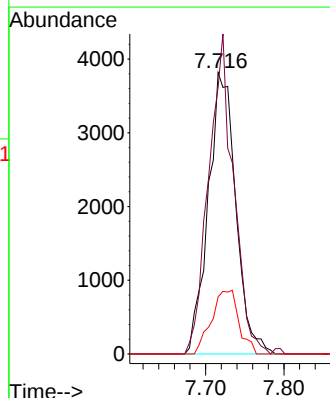
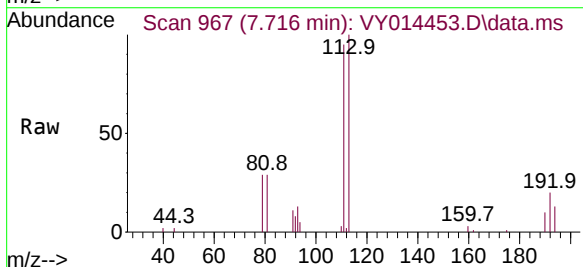
Tgt Ion:113 Resp: 9342

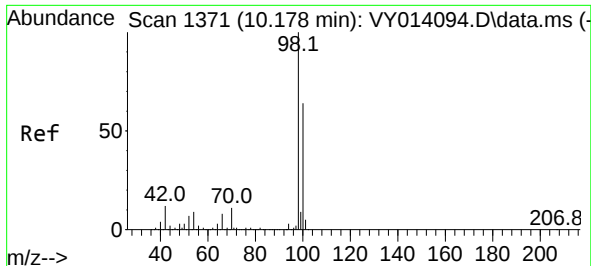
Ion Ratio Lower Upper

113 100

111 102.4 81.3 121.9

192 22.4 16.9 25.3

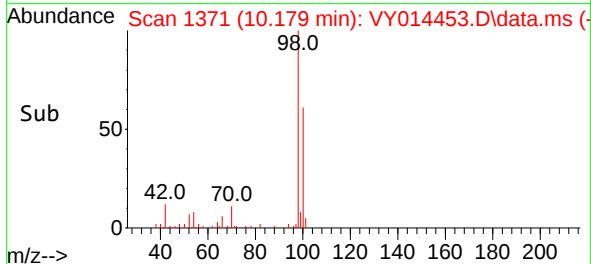
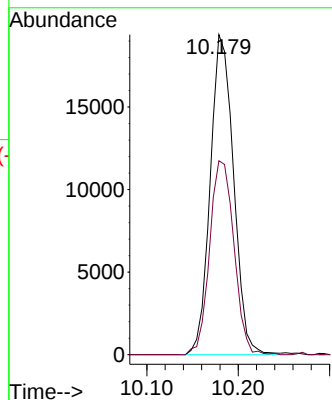
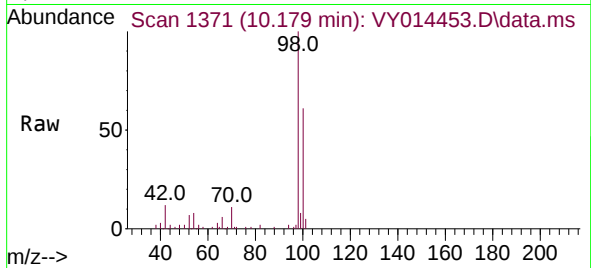




#50
Toluene-d8
Concen: 47.585 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014453.D
Acq: 27 Jun 2023 13:15

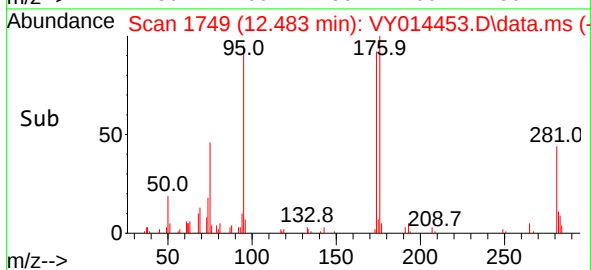
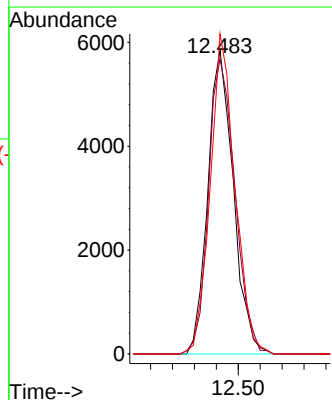
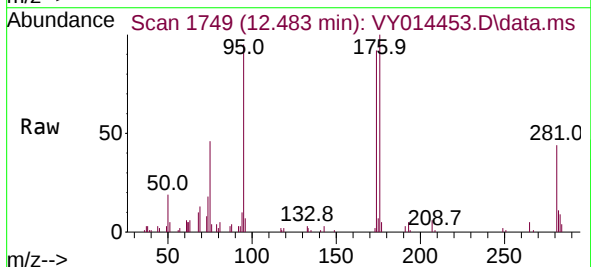
Instrument :
MSVOA_Y
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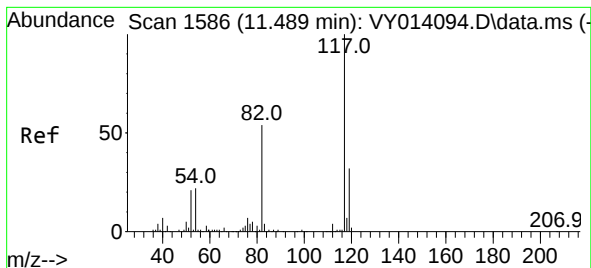
Tgt Ion: 98 Resp: 34344
Ion Ratio Lower Upper
98 100
100 63.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 36.664 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014453.D
Acq: 27 Jun 2023 13:15

Tgt Ion: 95 Resp: 9447
Ion Ratio Lower Upper
95 100
174 101.0 0.0 178.2
176 101.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014453.D

Acq: 27 Jun 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

TP1-0623RE

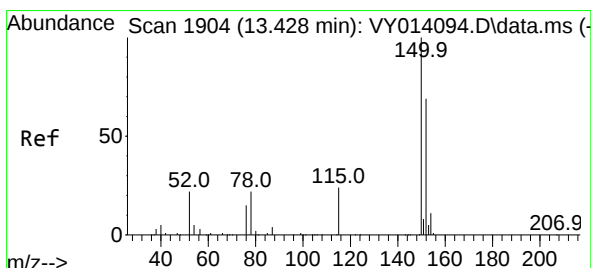
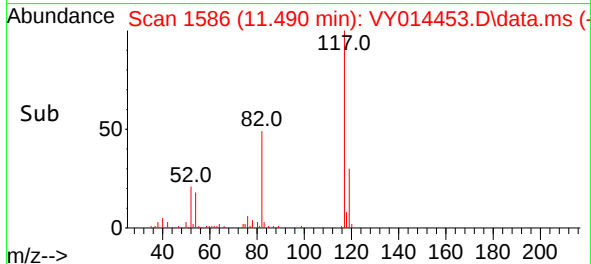
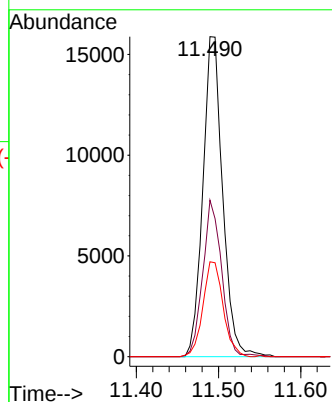
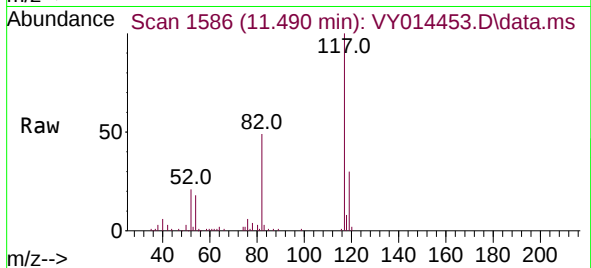
Tgt Ion:117 Resp: 26581

Ion Ratio Lower Upper

117 100

82 48.9 43.4 65.0

119 29.6 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014453.D

Acq: 27 Jun 2023 13:15

Tgt Ion:152 Resp: 10739

Ion Ratio Lower Upper

152 100

115 55.4 28.8 86.5

150 159.1 0.0 348.8

