

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071723\
 Data File : VY014664.D
 Acq On : 17 Jul 2023 11:54
 Operator : SY/MD
 Sample : VY0717SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0717SBL01

Quant Time: Jul 18 06:06:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	240543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	414239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	381722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	180919	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	143902	52.498	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.000%
35) Dibromofluoromethane	7.716	113	130781	49.596	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.200%
50) Toluene-d8	10.179	98	486596	50.052	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.100%
62) 4-Bromofluorobenzene	12.477	95	182539	48.968	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.940%

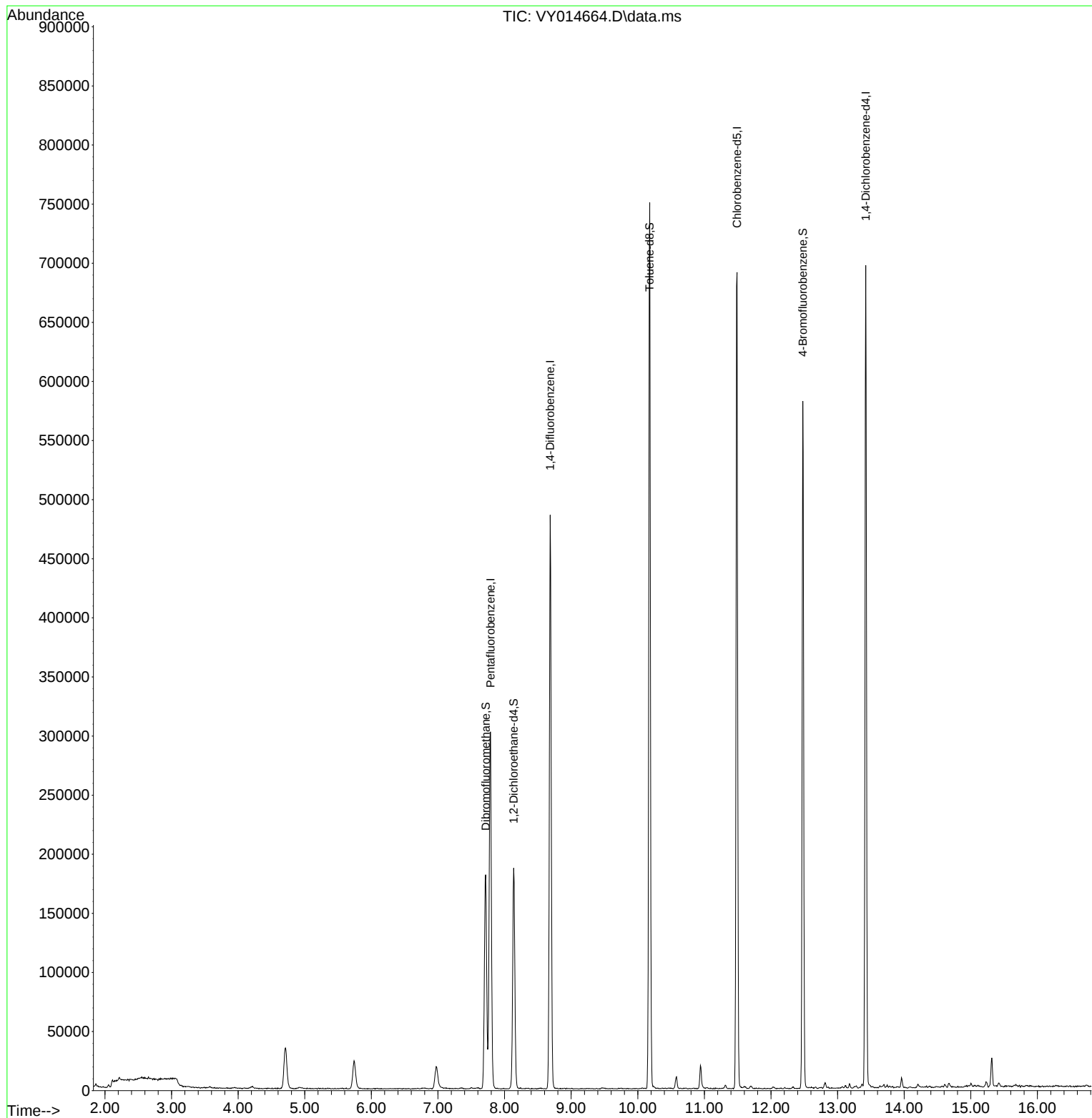
Target Compounds	Qvalue

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

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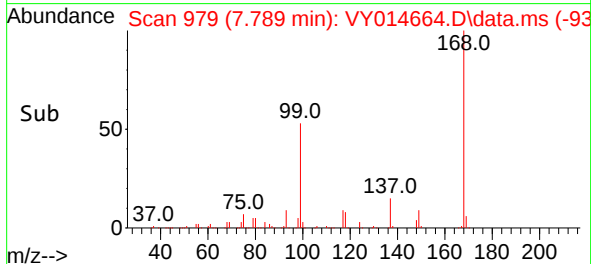
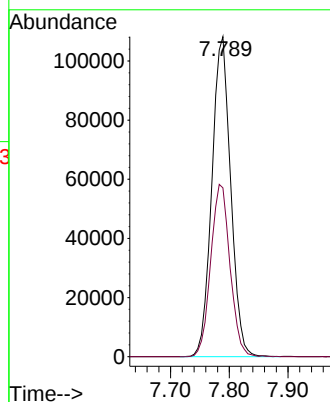
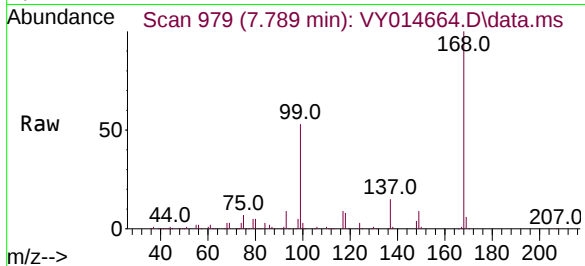




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014664.D
Acq: 17 Jul 2023 11:54

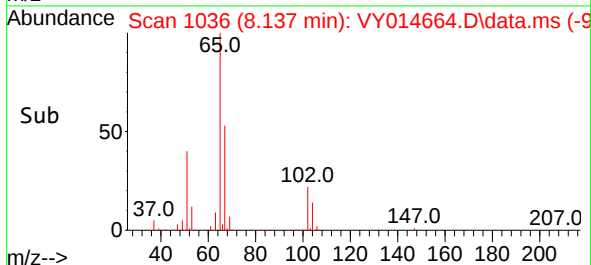
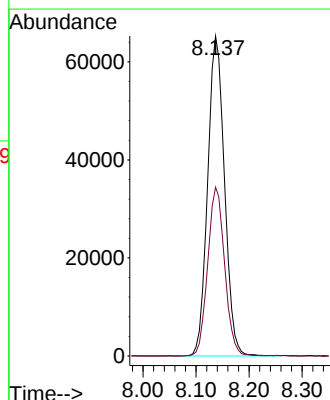
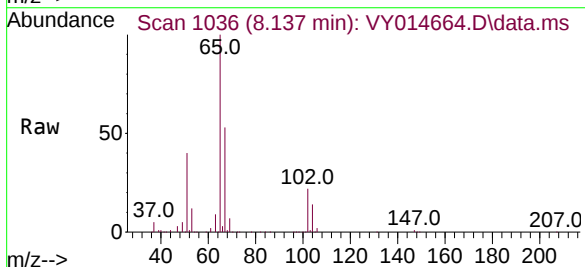
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBL01

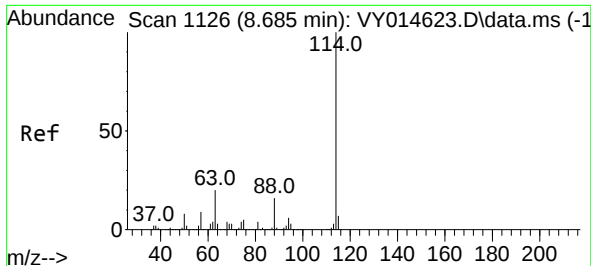
Tgt Ion:168 Resp: 240543
Ion Ratio Lower Upper
168 100
99 52.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 52.498 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY014664.D
Acq: 17 Jul 2023 11:54

Tgt Ion: 65 Resp: 143902
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.8

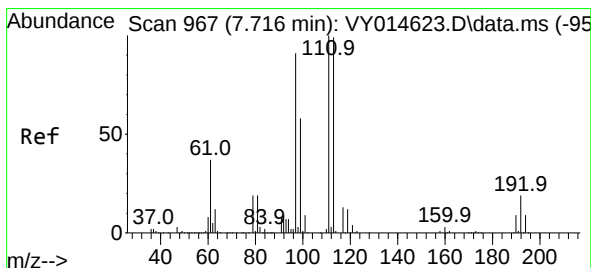
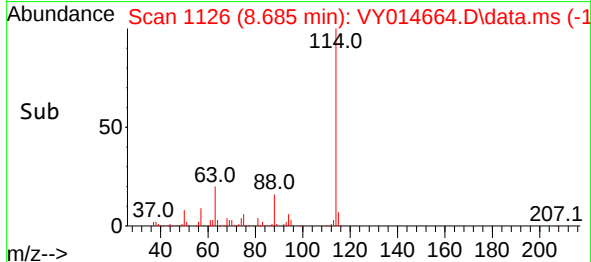
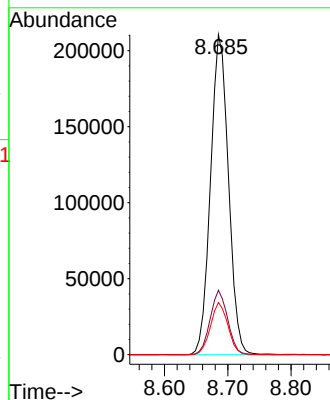
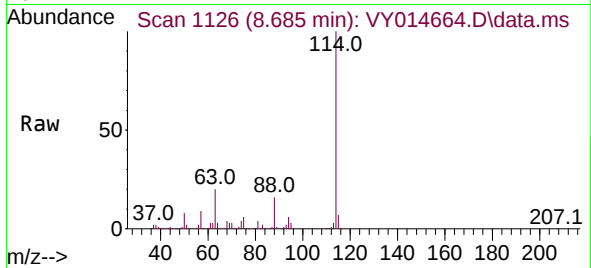




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014664.D
Acq: 17 Jul 2023 11:54

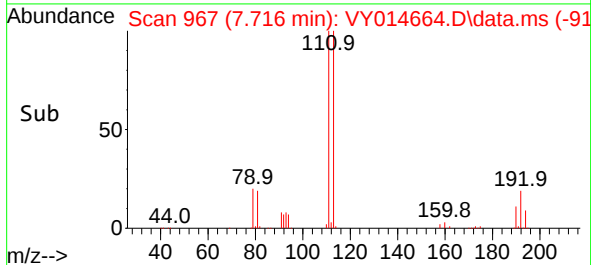
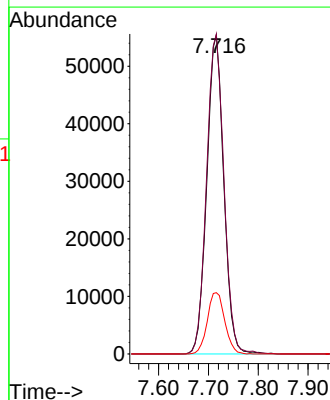
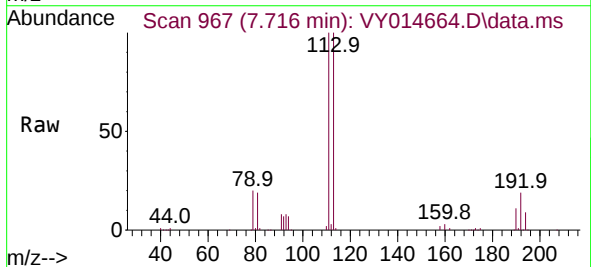
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBL01

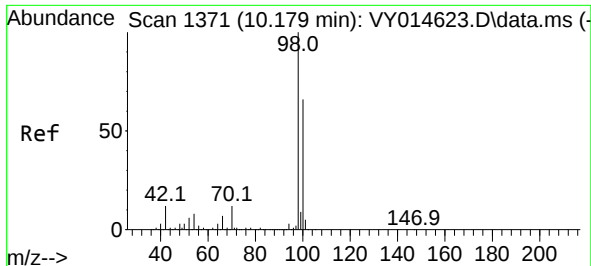
Tgt Ion:114 Resp: 414239
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.4
88 16.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.596 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014664.D
Acq: 17 Jul 2023 11:54

Tgt Ion:113 Resp: 130781
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.8 16.9 25.3

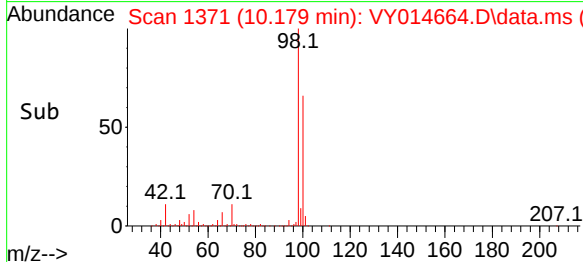
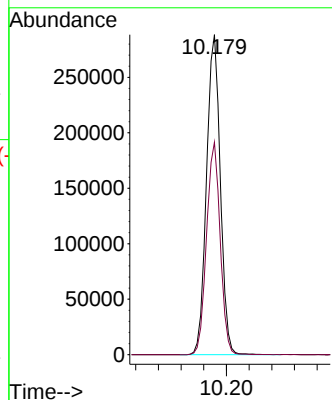
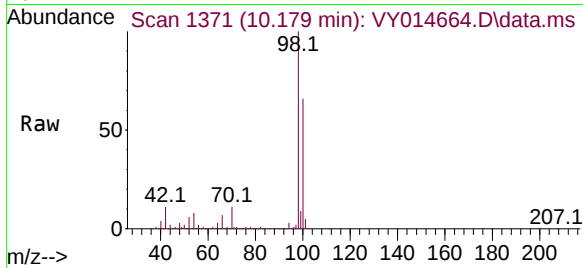




#50
Toluene-d8
Concen: 50.052 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014664.D
Acq: 17 Jul 2023 11:54

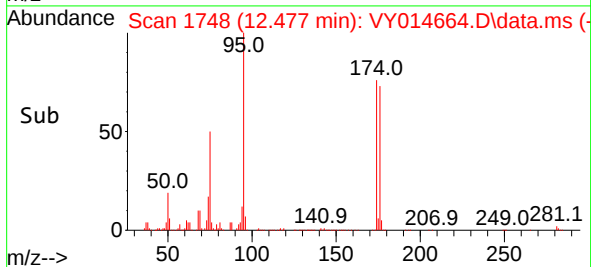
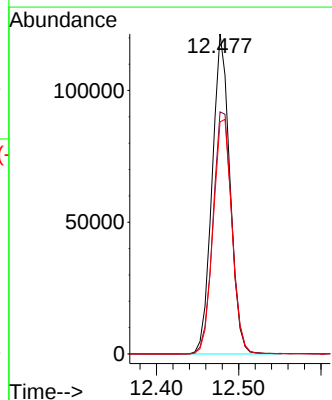
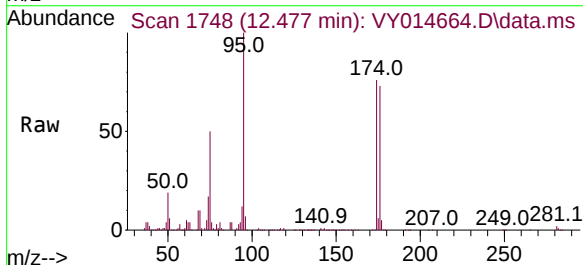
Instrument :
MSVOA_Y
ClientSampleId :
VY0717SBL01

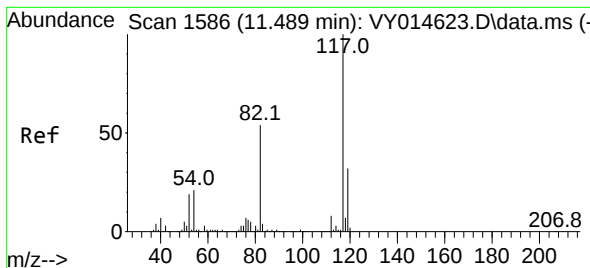
Tgt Ion: 98 Resp: 486596
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.968 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014664.D
Acq: 17 Jul 2023 11:54

Tgt Ion: 95 Resp: 182539
Ion Ratio Lower Upper
95 100
174 80.2 0.0 178.2
176 77.6 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: VY014664.D

Acq: 17 Jul 2023 11:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0717SBL01

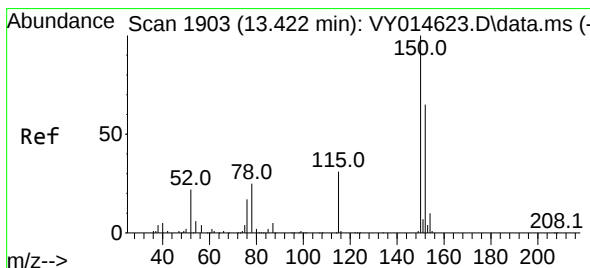
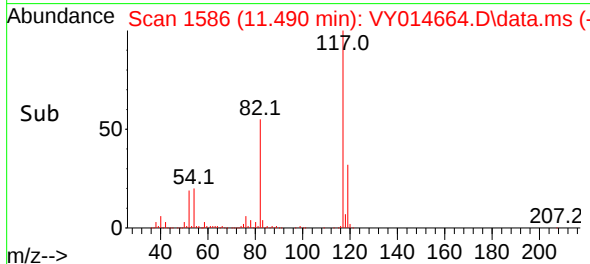
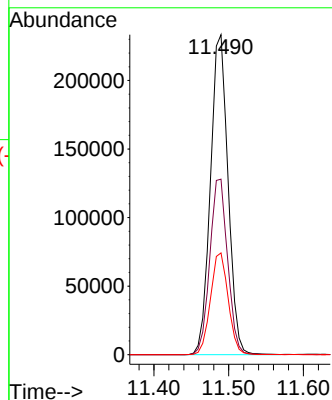
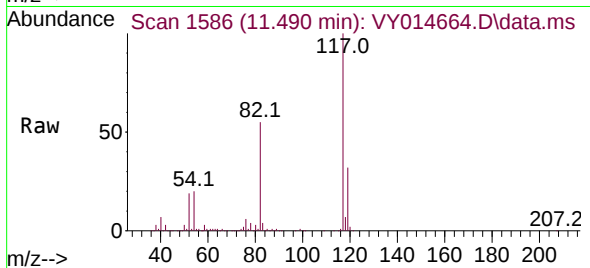
Tgt Ion:117 Resp: 381722

Ion Ratio Lower Upper

117 100

82 54.8 43.4 65.0

119 31.8 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014664.D

Acq: 17 Jul 2023 11:54

Tgt Ion:152 Resp: 180919

Ion Ratio Lower Upper

152 100

115 59.4 28.8 86.5

150 156.2 0.0 348.8

