

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061223\
 Data File : VY014121.D
 Acq On : 12 Jun 2023 15:32
 Operator : KP/MD
 Sample : 03140-01
 Misc : 3.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3-GA

Quant Time: Jun 13 05:42:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	155455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	265569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	281129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	135514	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	105387	48.684	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.360%
35) Dibromofluoromethane	7.710	113	90694	48.156	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.320%
50) Toluene-d8	10.173	98	332123	47.169	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.340%
62) 4-Bromofluorobenzene	12.477	95	117229	46.869	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.740%

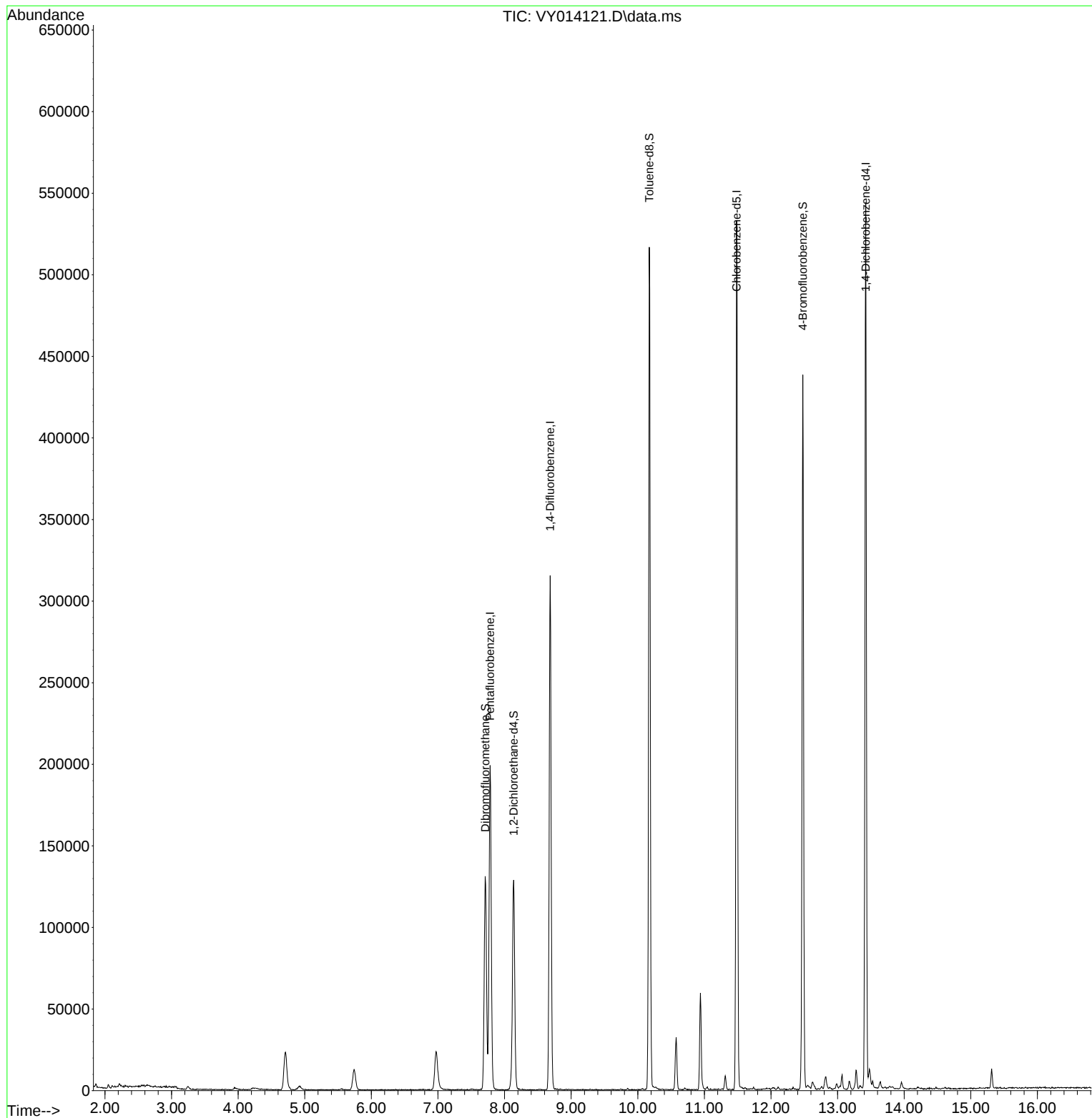
Target Compounds	Qvalue

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

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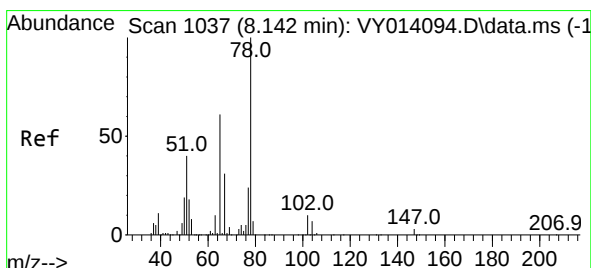
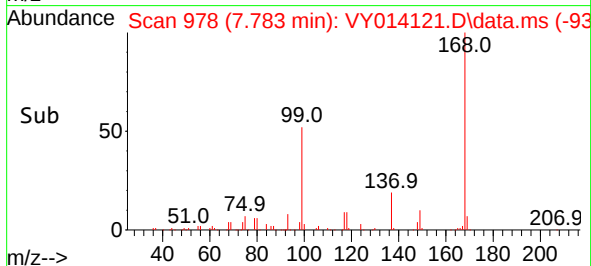
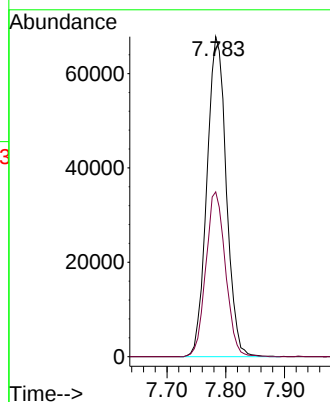
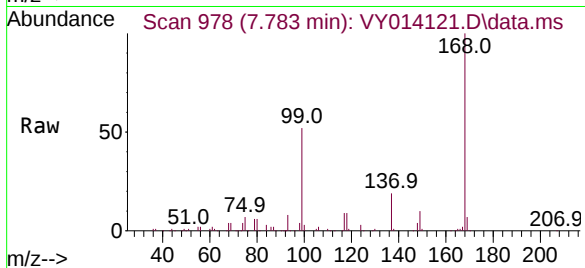




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014121.D
Acq: 12 Jun 2023 15:32

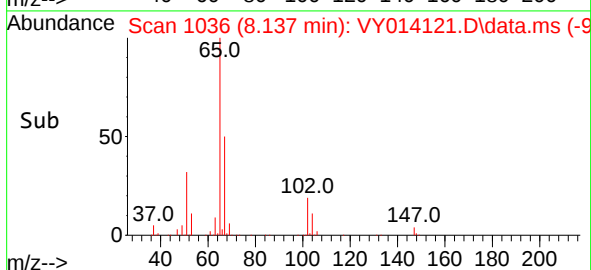
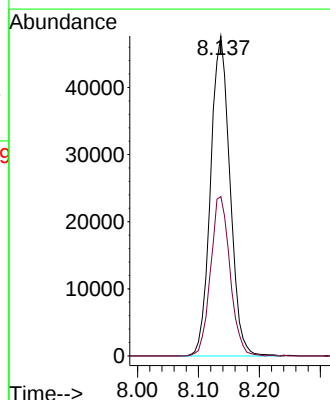
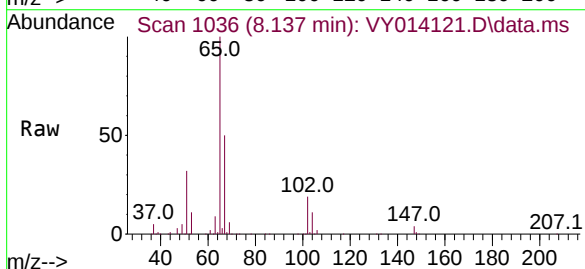
Instrument :
MSVOA_Y
ClientSampleId :
TP-3-GA

Tgt Ion:168 Resp: 155455
Ion Ratio Lower Upper
168 100
99 51.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 48.684 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY014121.D
Acq: 12 Jun 2023 15:32

Tgt Ion: 65 Resp: 105387
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY014121.D

Acq: 12 Jun 2023 15:32

Instrument :

MSVOA_Y

ClientSampleId :

TP-3-GA

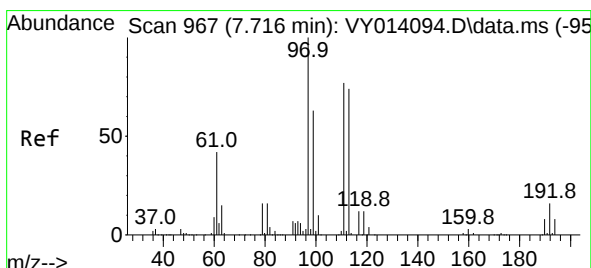
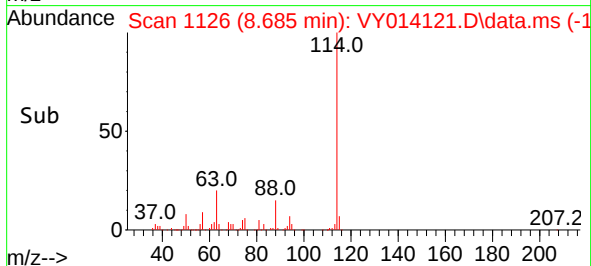
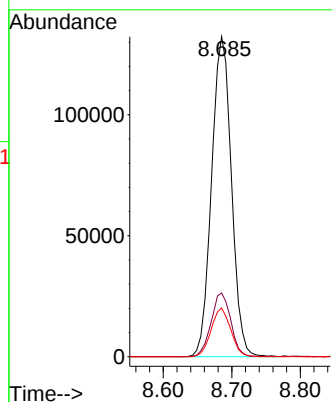
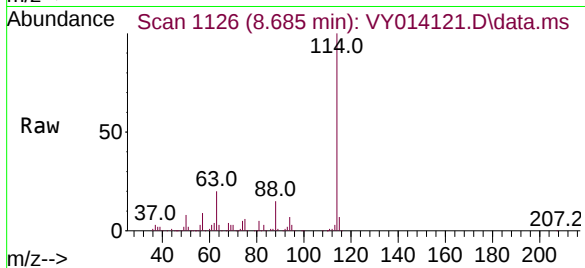
Tgt Ion:114 Resp: 265569

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.156 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014121.D

Acq: 12 Jun 2023 15:32

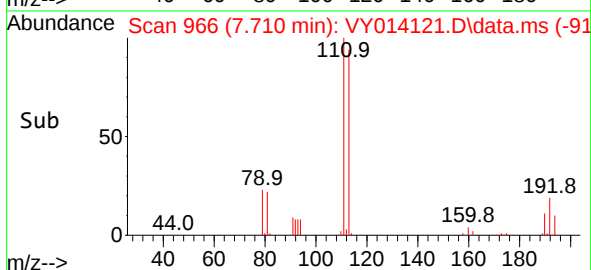
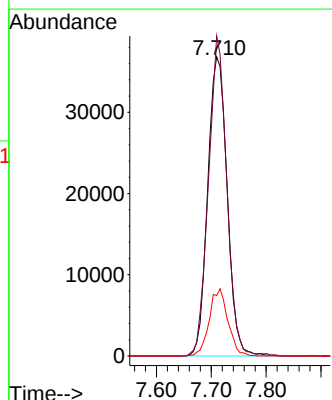
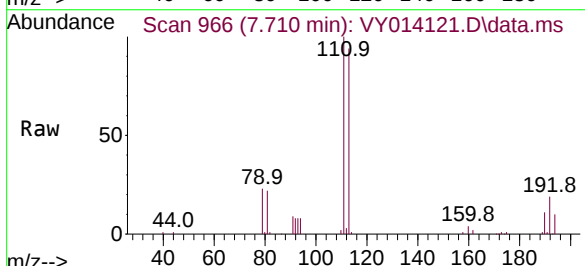
Tgt Ion:113 Resp: 90694

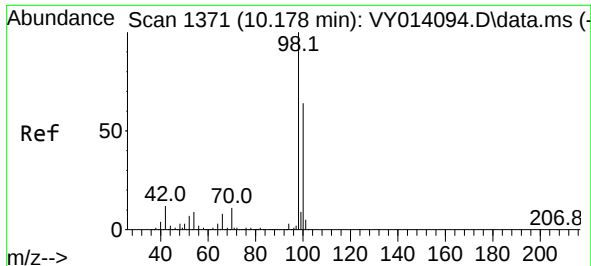
Ion Ratio Lower Upper

113 100

111 100.3 81.3 121.9

192 21.5 16.9 25.3

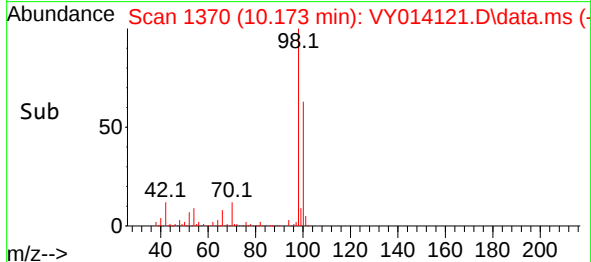
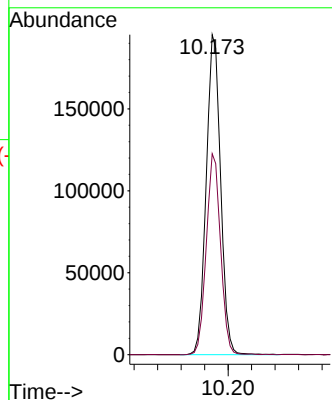
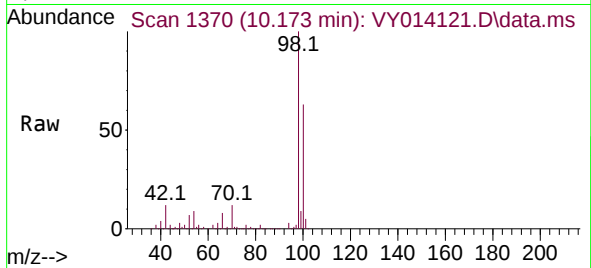




#50
Toluene-d8
Concen: 47.169 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014121.D
Acq: 12 Jun 2023 15:32

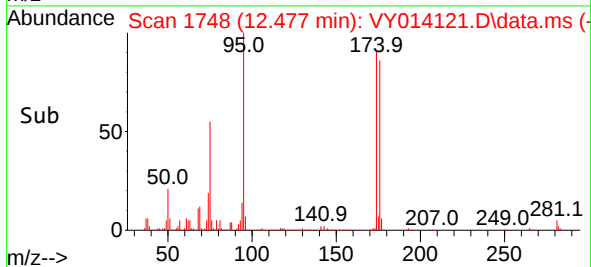
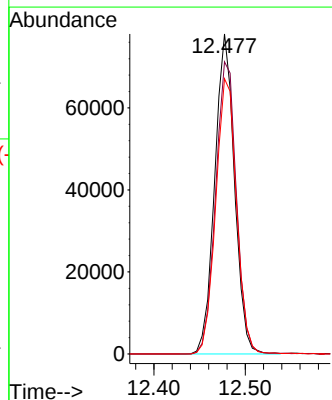
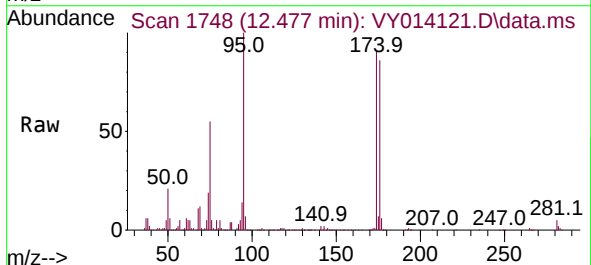
Instrument :
MSVOA_Y
ClientSampleId :
TP-3-GA

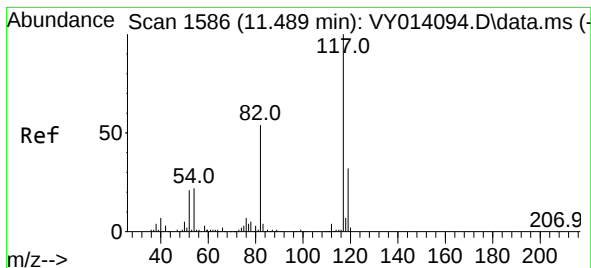
Tgt Ion: 98 Resp: 332123
Ion Ratio Lower Upper
98 100
100 62.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.869 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014121.D
Acq: 12 Jun 2023 15:32

Tgt Ion: 95 Resp: 117229
Ion Ratio Lower Upper
95 100
174 96.2 0.0 178.2
176 90.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014121.D

Acq: 12 Jun 2023 15:32

Instrument :

MSVOA_Y

ClientSampleId :

TP-3-GA

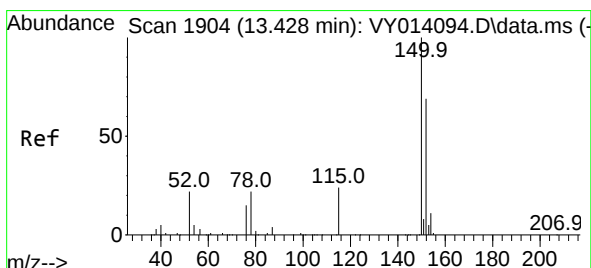
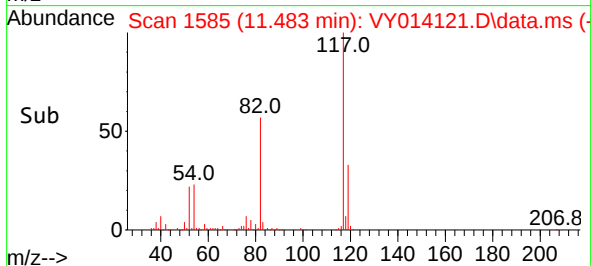
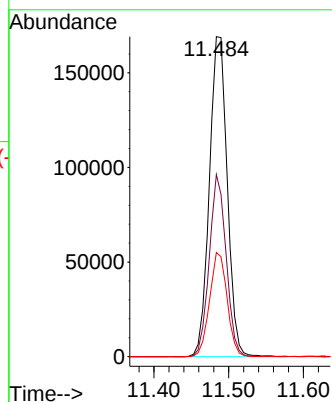
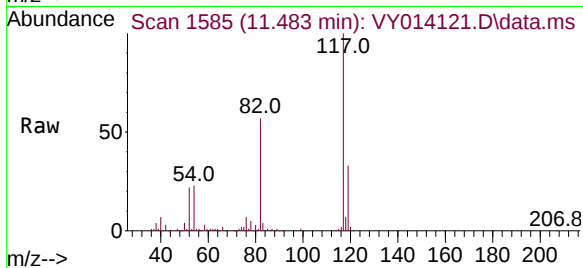
Tgt Ion:117 Resp: 281129

Ion Ratio Lower Upper

117 100

82 56.9 43.4 65.0

119 32.6 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014121.D

Acq: 12 Jun 2023 15:32

Tgt Ion:152 Resp: 135514

Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 158.6 0.0 348.8

