

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
 Data File : VY014559.D
 Acq On : 05 Jul 2023 15:33
 Operator : KP/MD
 Sample : 03497-01RE
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-2-063023RE

Quant Time: Jul 06 01:33:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	58423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	82562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	74539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	30456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	29007	49.910	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.820%
35) Dibromofluoromethane	7.710	113	28381	55.822	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.640%
50) Toluene-d8	10.173	98	96455	47.991	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.980%
62) 4-Bromofluorobenzene	12.477	95	26127	37.436	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.880%

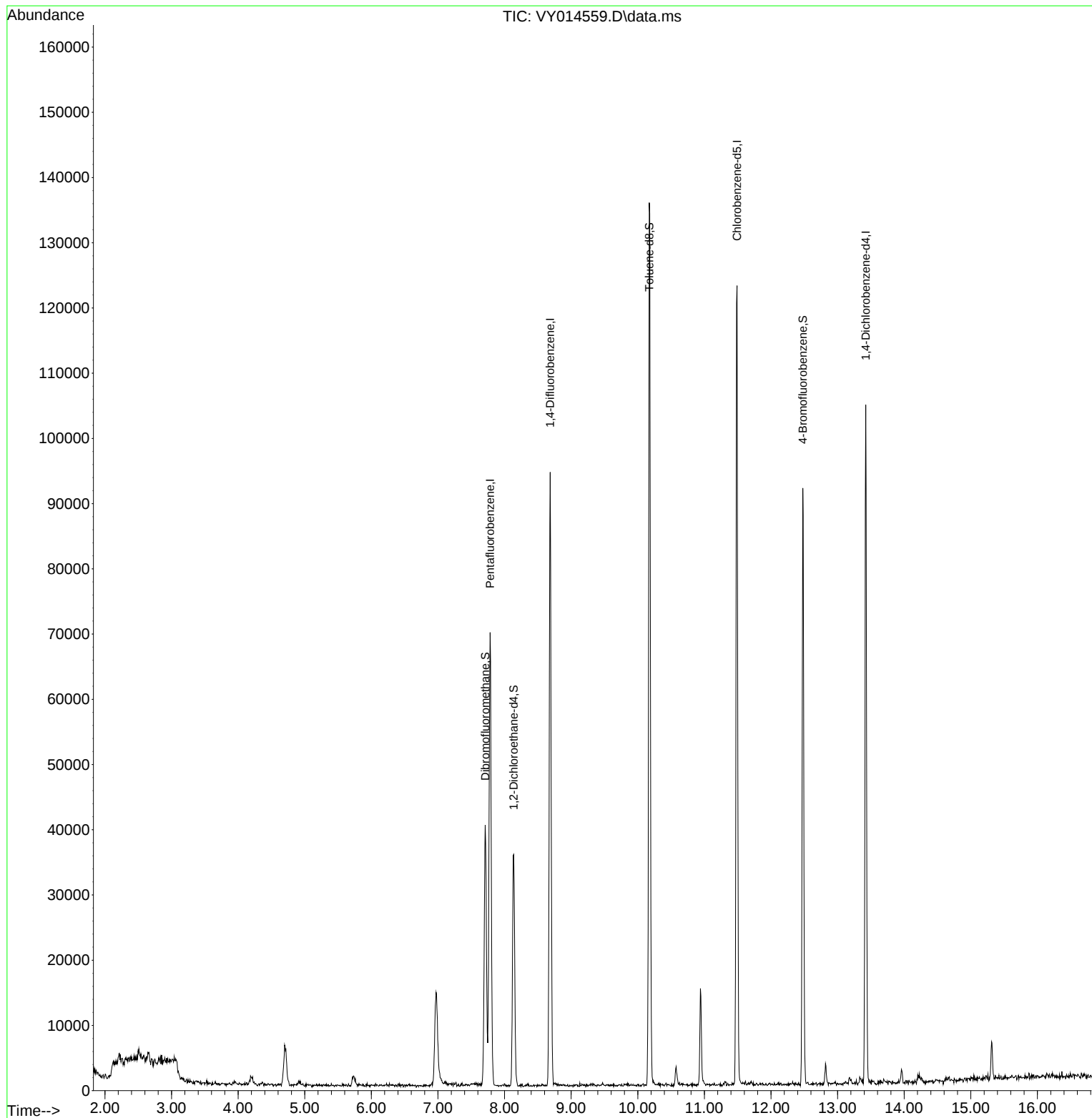
Target Compounds	Qvalue

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

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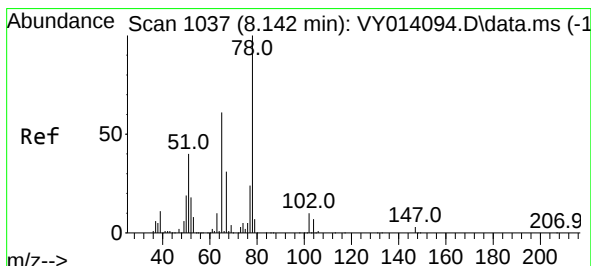
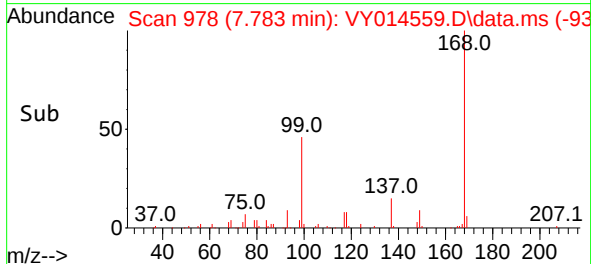
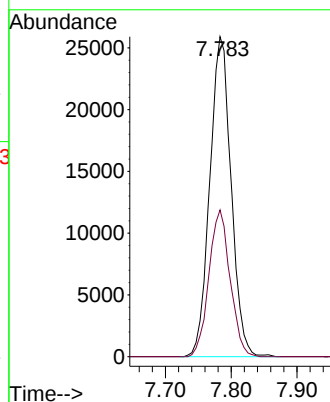
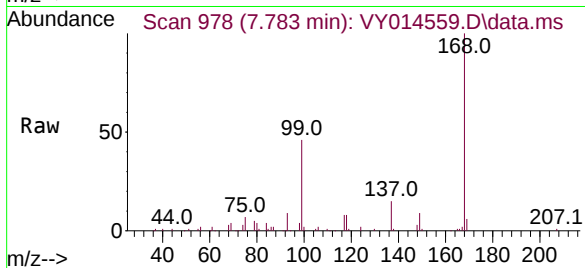




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014559.D
Acq: 05 Jul 2023 15:33

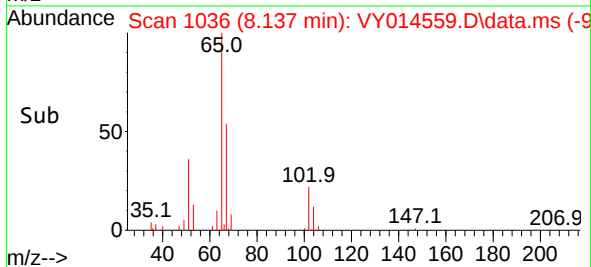
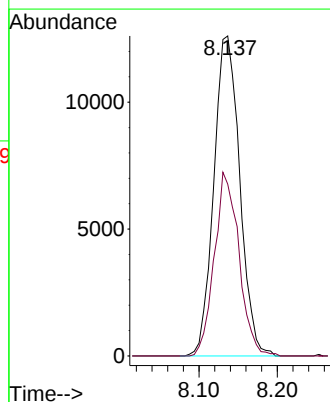
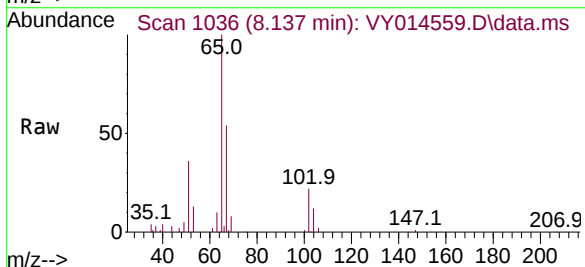
Instrument :
MSVOA_Y
ClientSampleId :
OK-2-063023RE

Tgt Ion:168 Resp: 58423
Ion Ratio Lower Upper
168 100
99 45.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 49.910 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY014559.D
Acq: 05 Jul 2023 15:33

Tgt Ion: 65 Resp: 29007
Ion Ratio Lower Upper
65 100
67 54.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014559.D

Acq: 05 Jul 2023 15:33

Instrument :

MSVOA_Y

ClientSampleId :

OK-2-063023RE

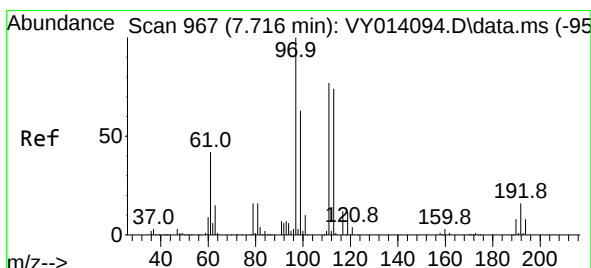
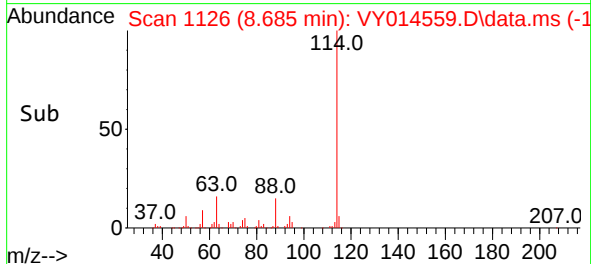
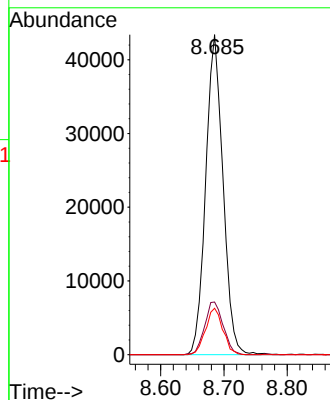
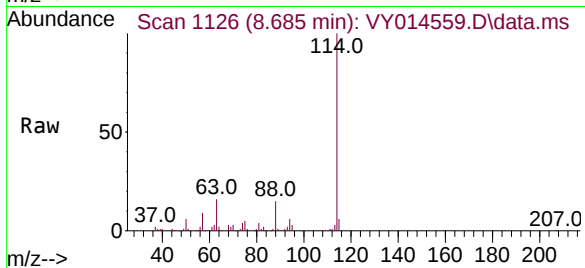
Tgt Ion:114 Resp: 82562

Ion Ratio Lower Upper

114 100

63 16.4 0.0 42.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.822 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014559.D

Acq: 05 Jul 2023 15:33

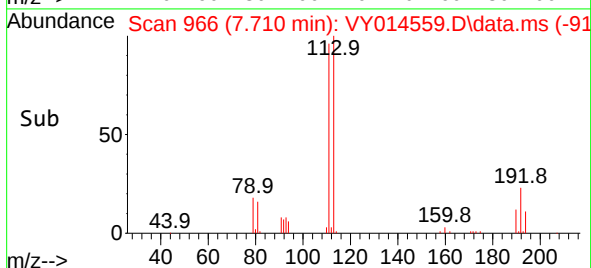
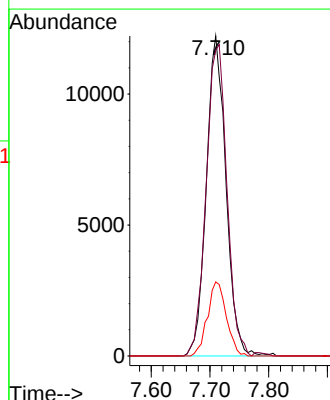
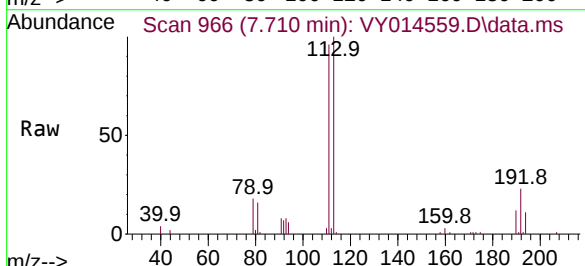
Tgt Ion:113 Resp: 28381

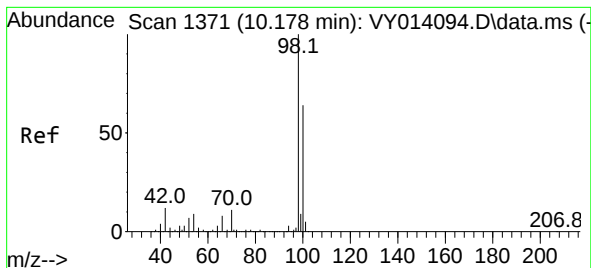
Ion Ratio Lower Upper

113 100

111 102.4 81.3 121.9

192 22.2 16.9 25.3

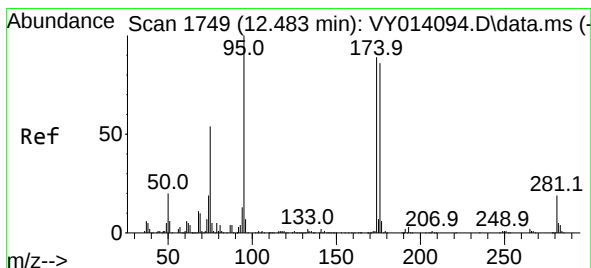
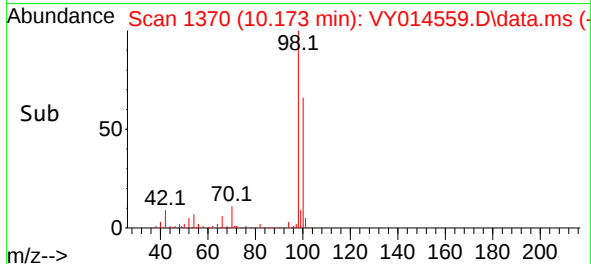
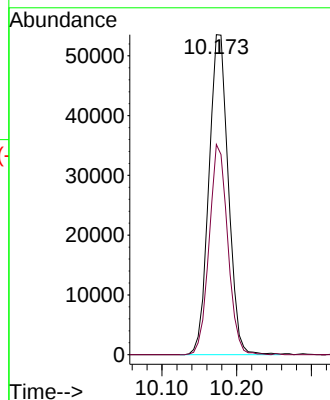
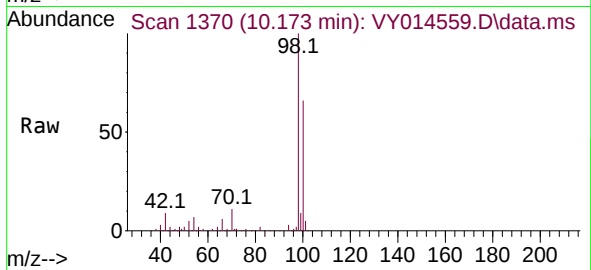




#50
Toluene-d8
Concen: 47.991 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014559.D
Acq: 05 Jul 2023 15:33

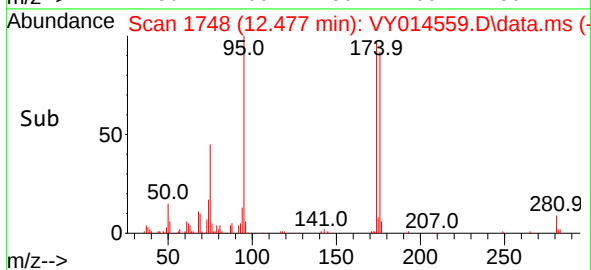
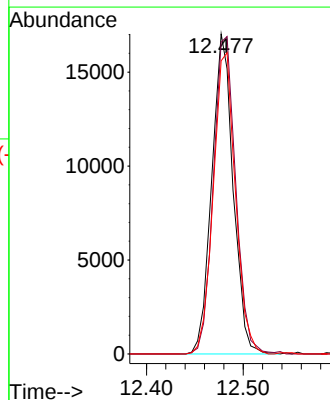
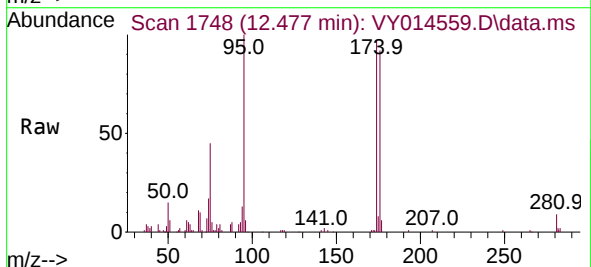
Instrument :
MSVOA_Y
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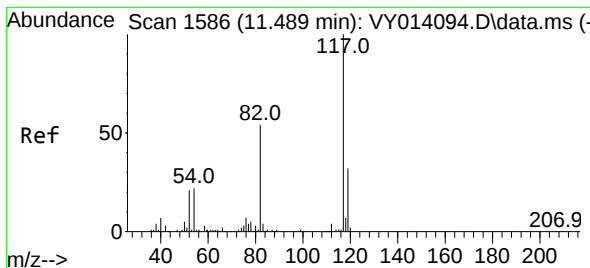
Tgt Ion: 98 Resp: 96455
Ion Ratio Lower Upper
98 100
100 62.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 37.436 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014559.D
Acq: 05 Jul 2023 15:33

Tgt Ion: 95 Resp: 26127
Ion Ratio Lower Upper
95 100
174 103.5 0.0 178.2
176 97.7 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: VY014559.D

Acq: 05 Jul 2023 15:33

Instrument :

MSVOA_Y

ClientSampleId :

OK-2-063023RE

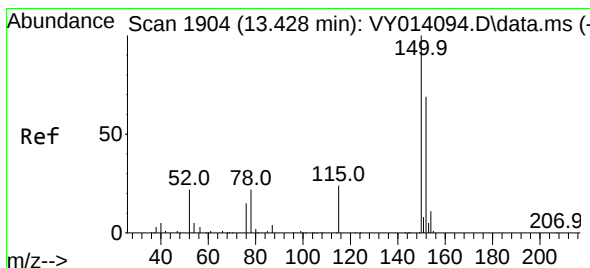
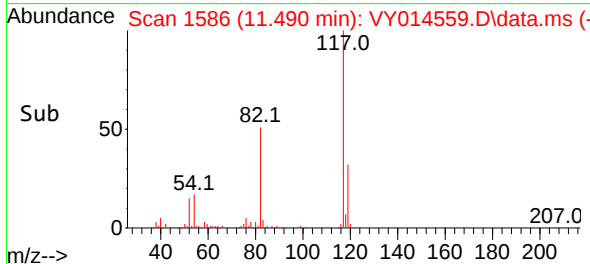
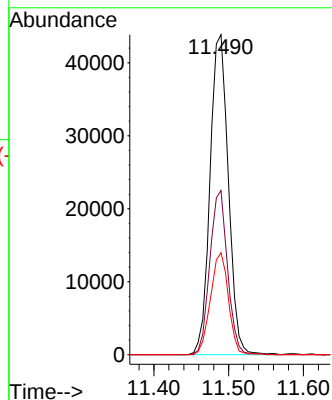
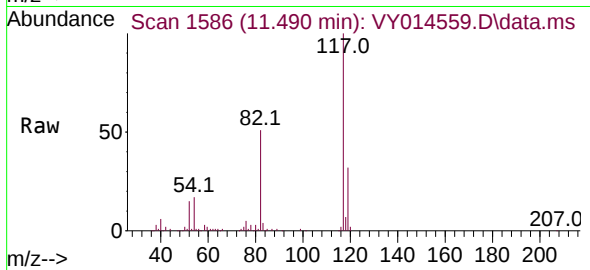
Tgt Ion:117 Resp: 74539

Ion Ratio Lower Upper

117 100

82 51.3 43.4 65.0

119 31.9 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: VY014559.D

Acq: 05 Jul 2023 15:33

Tgt Ion:152 Resp: 30456

Ion Ratio Lower Upper

152 100

115 51.0 28.8 86.5

150 151.2 0.0 348.8

