

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014279.D
 Acq On : 20 Jun 2023 13:35
 Operator : KP/MD
 Sample : 03256-20
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jun 21 02:07:27 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	180151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	284718	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	271009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127681	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	123534	49.244	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.480%
35) Dibromofluoromethane	7.716	113	95638	47.365	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.740%
50) Toluene-d8	10.179	98	346302	45.875	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.760%
62) 4-Bromofluorobenzene	12.483	95	107634	40.139	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.280%

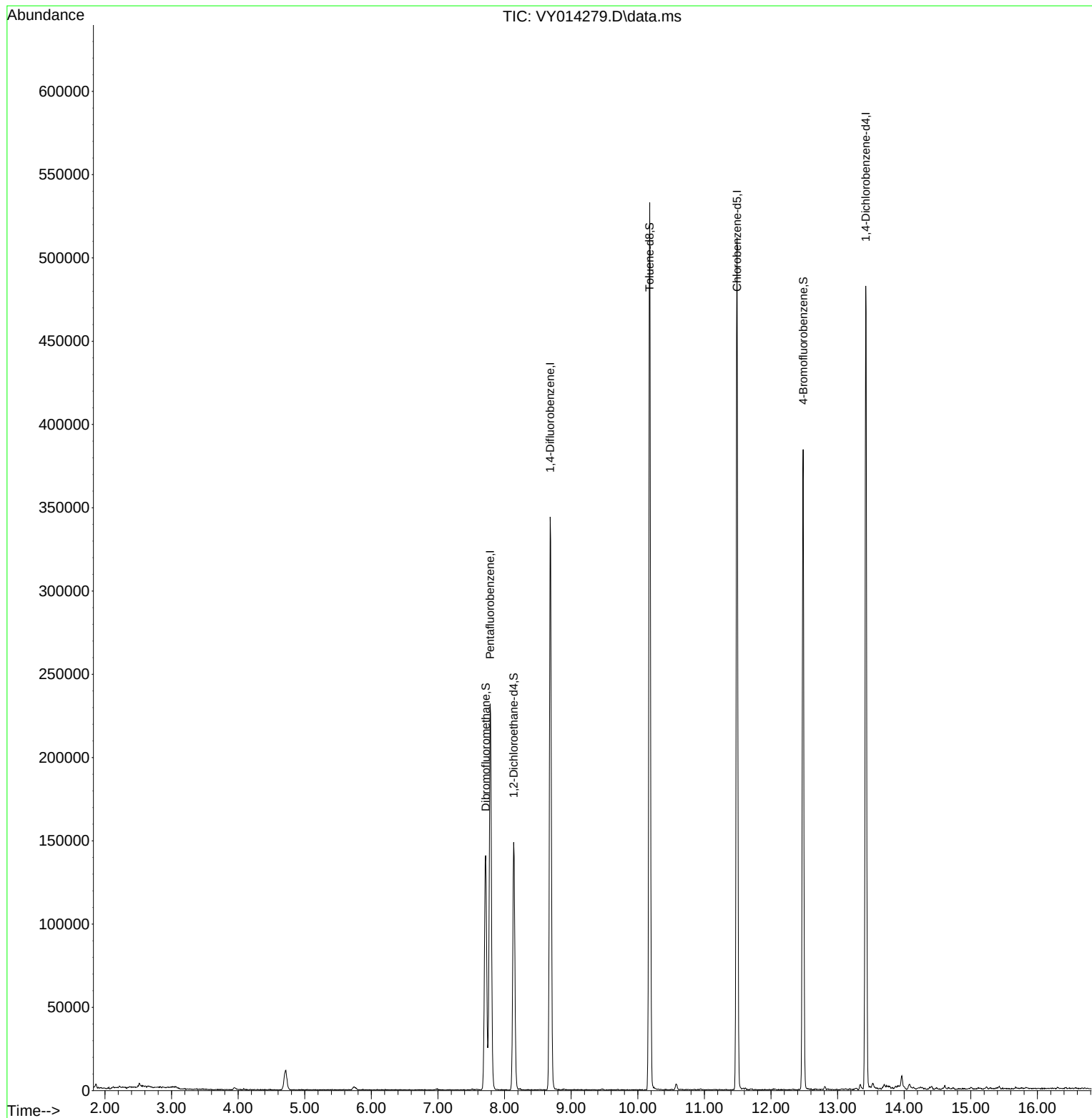
Target Compounds	Qvalue

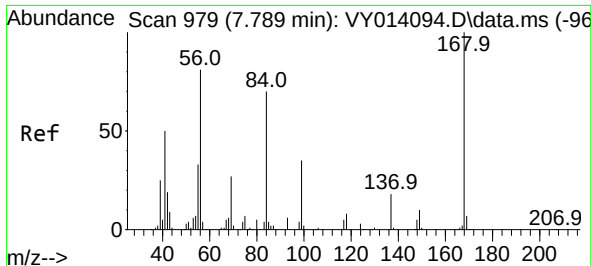
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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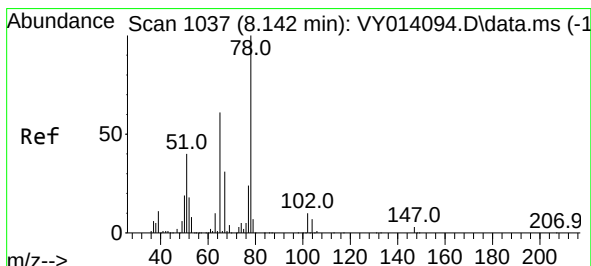
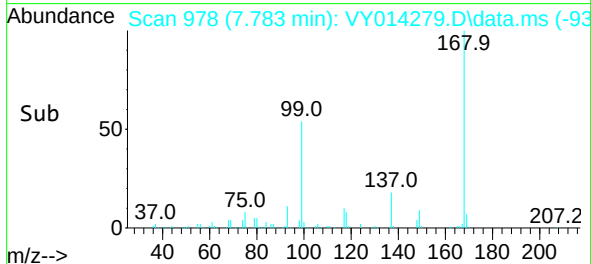
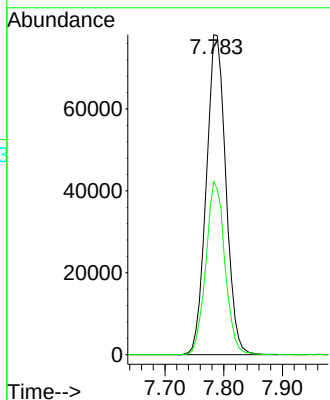
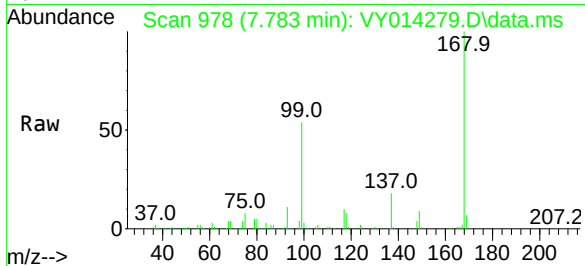




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014279.D
Acq: 20 Jun 2023 13:35

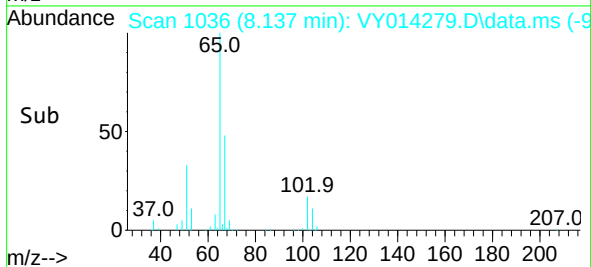
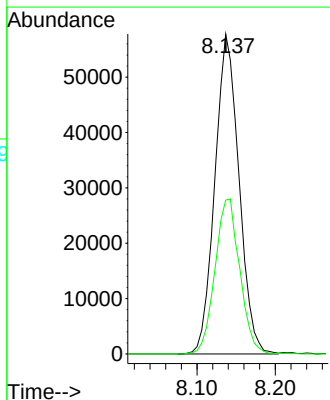
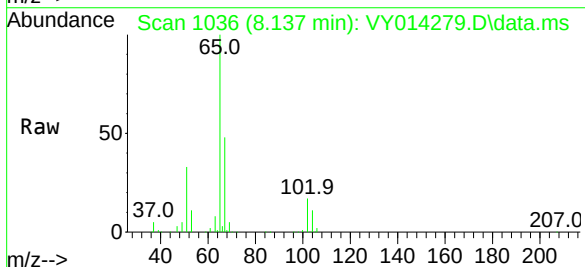
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

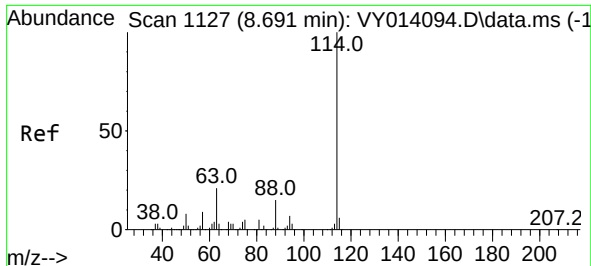
Tgt Ion:168 Resp: 180151
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 49.244 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY014279.D
Acq: 20 Jun 2023 13:35

Tgt Ion: 65 Resp: 123534
Ion Ratio Lower Upper
65 100
67 49.8 0.0 101.8

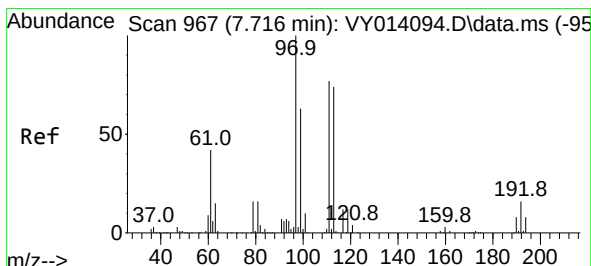
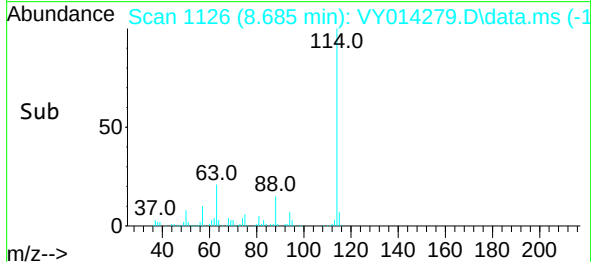
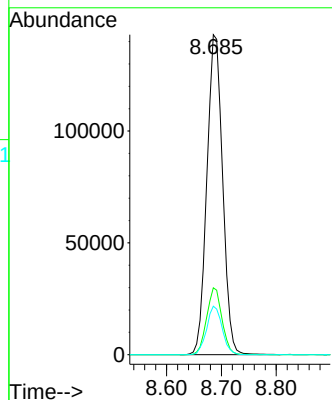
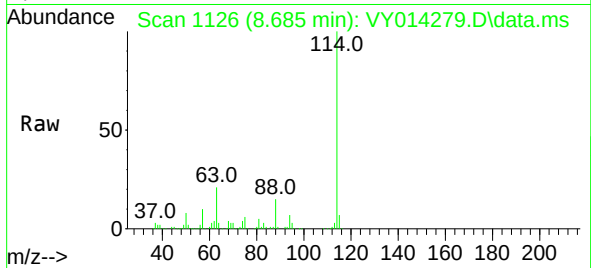




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY014279.D
Acq: 20 Jun 2023 13:35

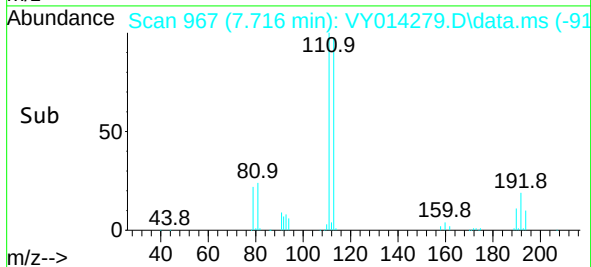
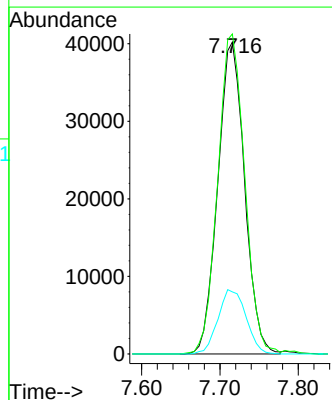
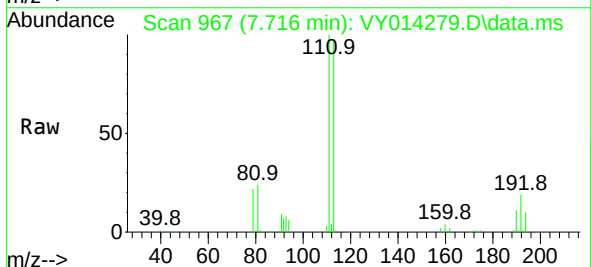
Instrument :
MSVOA_Y
ClientSampleId :
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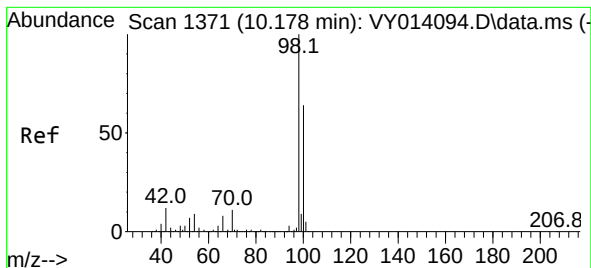
Tgt Ion:114 Resp: 284718
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.365 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014279.D
Acq: 20 Jun 2023 13:35

Tgt Ion:113 Resp: 95638
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 21.6 16.9 25.3





#50

Toluene-d8

Concen: 45.875 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014279.D

Acq: 20 Jun 2023 13:35

Instrument :

MSVOA_Y

ClientSampleId :

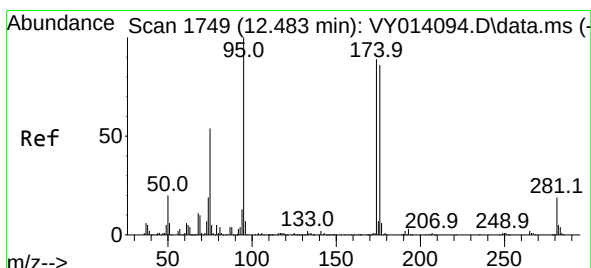
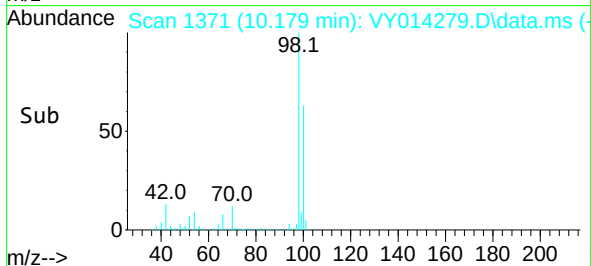
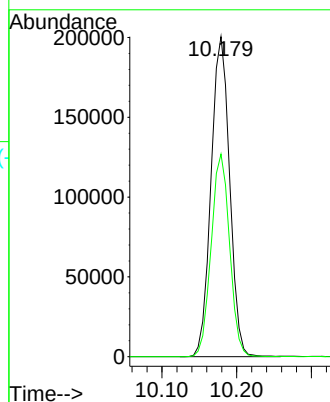
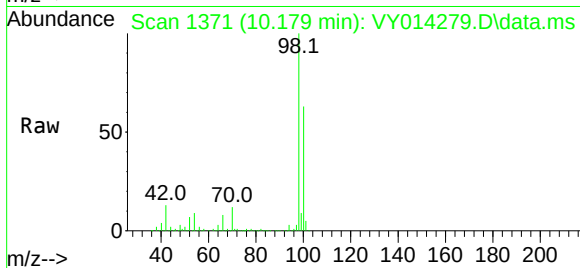
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Tgt Ion: 98 Resp: 346302

Ion Ratio Lower Upper

98 100

100 62.8 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 40.139 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY014279.D

Acq: 20 Jun 2023 13:35

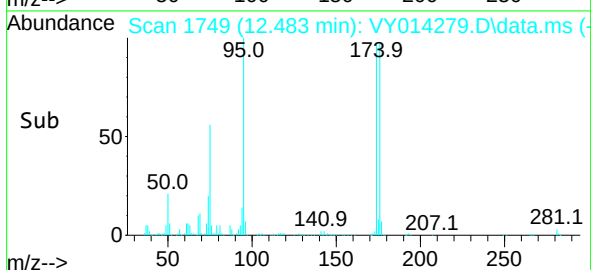
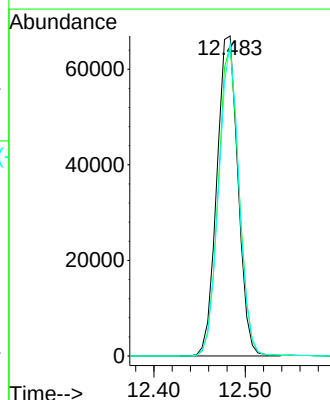
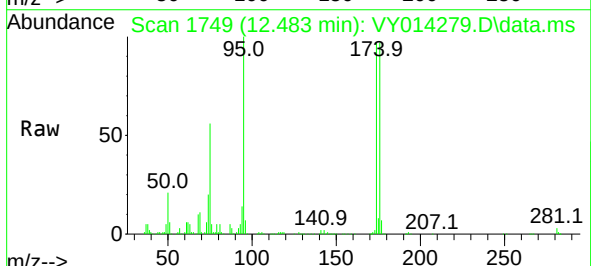
Tgt Ion: 95 Resp: 107634

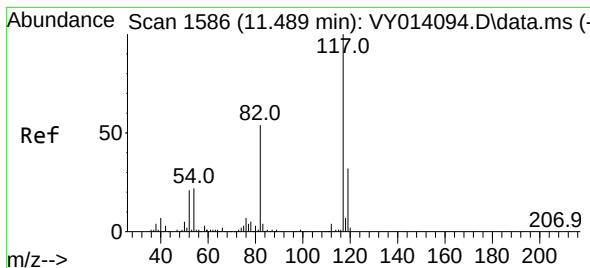
Ion Ratio Lower Upper

95 100

174 95.0 0.0 178.2

176 93.3 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: VY014279.D

Acq: 20 Jun 2023 13:35

Instrument :

MSVOA_Y

ClientSampleId :

TRIP-BLANK

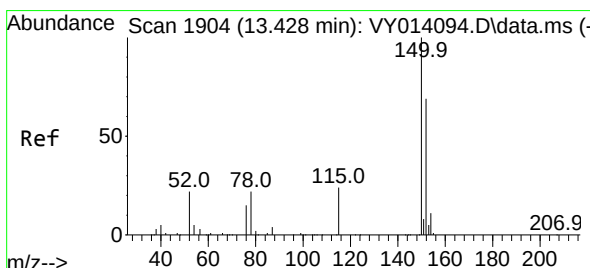
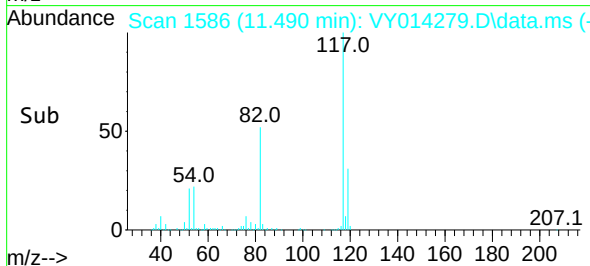
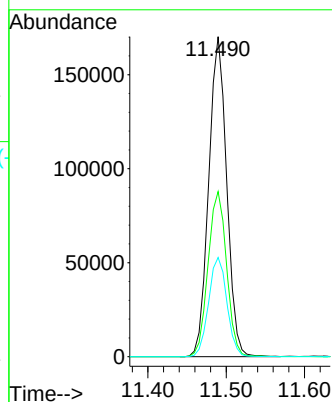
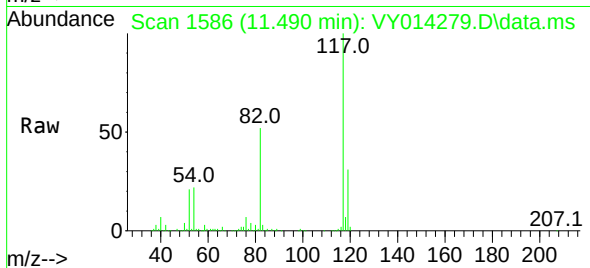
Tgt Ion:117 Resp: 271009

Ion Ratio Lower Upper

117 100

82 51.6 43.4 65.0

119 31.0 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: VY014279.D

Acq: 20 Jun 2023 13:35

Tgt Ion:152 Resp: 127681

Ion Ratio Lower Upper

152 100

115 56.4 28.8 86.5

150 155.1 0.0 348.8

