

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014337.D
 Acq On : 21 Jun 2023 15:44
 Operator : KP/MD
 Sample : 03337-13
 Misc : 5.62g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-7

Quant Time: Jun 22 01:57:27 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	7.789	168	177218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	280180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	267229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127634	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	123315	49.970	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.940%
35) Dibromofluoromethane	7.716	113	93119	46.865	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.720%
50) Toluene-d8	10.179	98	338907	45.623	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.240%
62) 4-Bromofluorobenzene	12.477	95	110262	41.785	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.560%

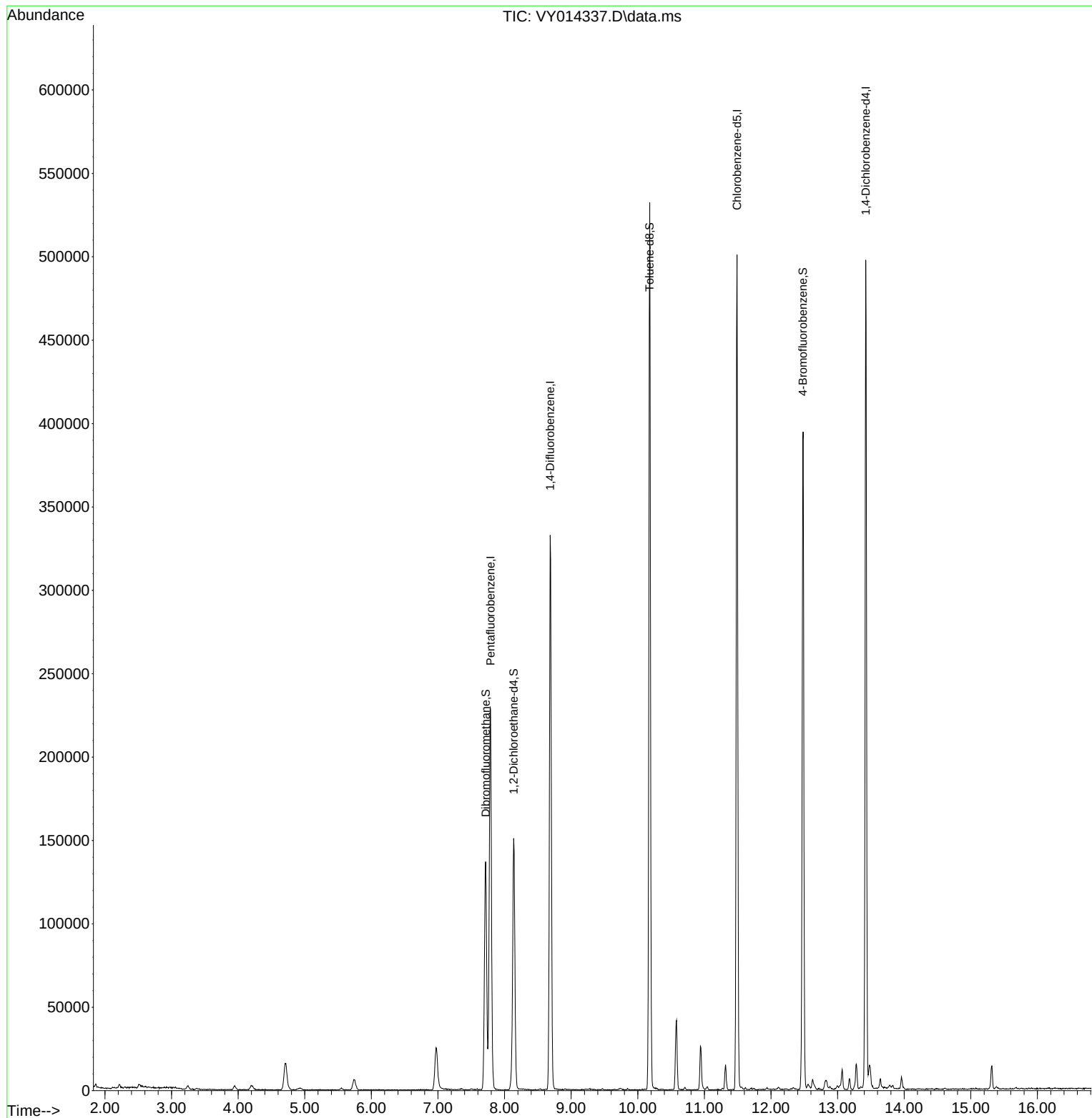
Target Compounds	Qvalue

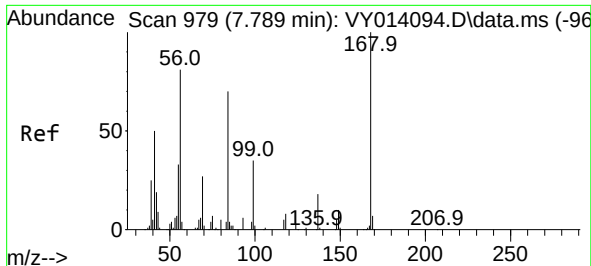
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
Data File : VY014337.D
Acq On : 21 Jun 2023 15:44
Operator : KP/MD
Sample : 03337-13
Misc : 5.62g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-7

Quant Time: Jun 22 01:57:27 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

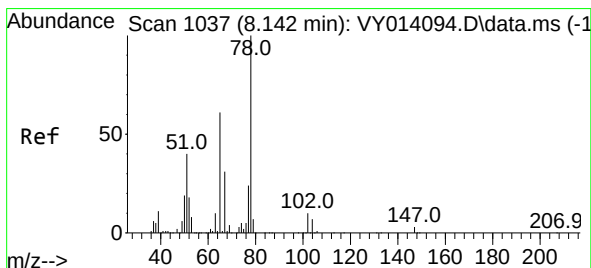
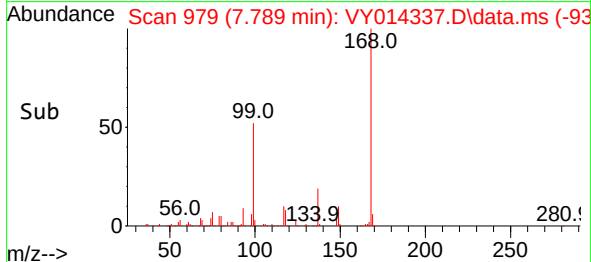
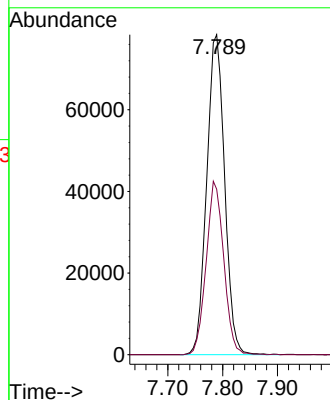
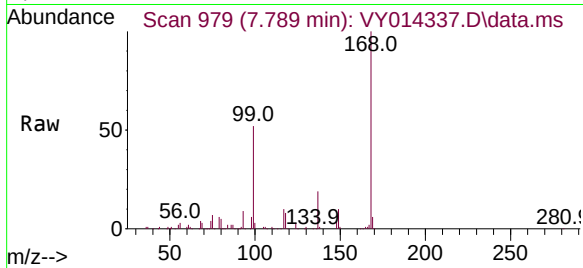




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014337.D
Acq: 21 Jun 2023 15:44

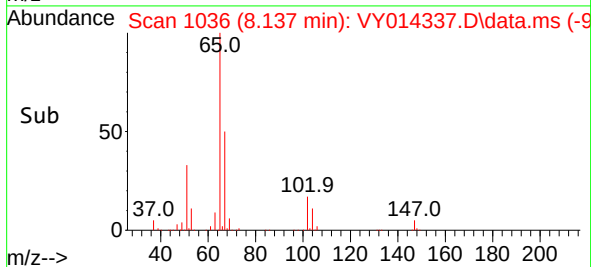
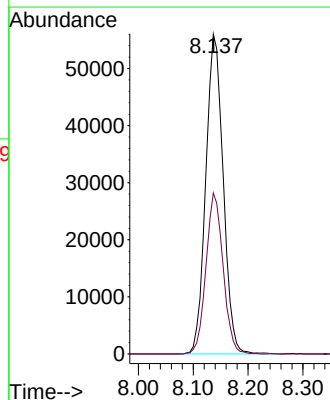
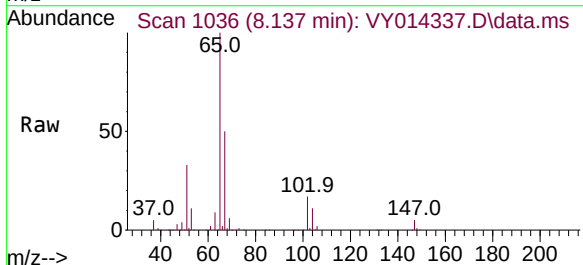
Instrument :
MSVOA_Y
ClientSampleId :
WC-7

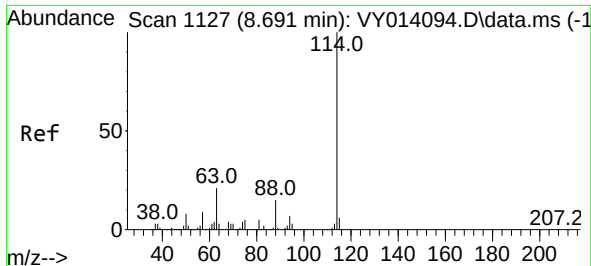
Tgt Ion:168 Resp: 177218
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 49.970 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY014337.D
Acq: 21 Jun 2023 15:44

Tgt Ion: 65 Resp: 123315
Ion Ratio Lower Upper
65 100
67 49.4 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: VY014337.D

Acq: 21 Jun 2023 15:44

Instrument :

MSVOA_Y

ClientSampleId :

WC-7

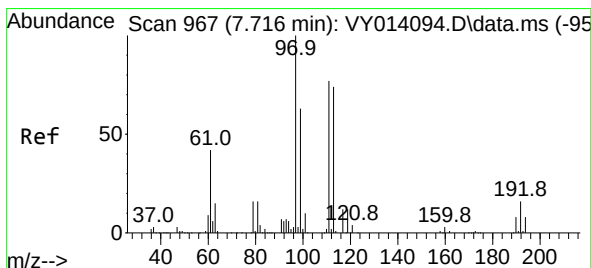
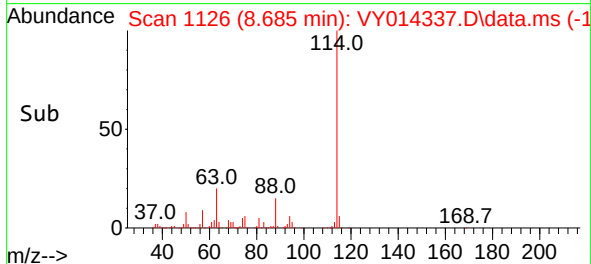
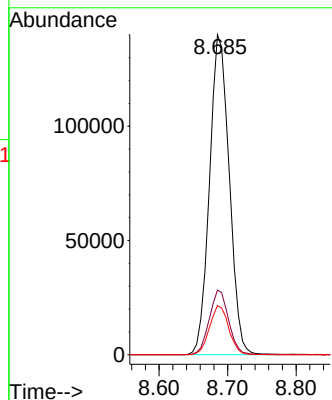
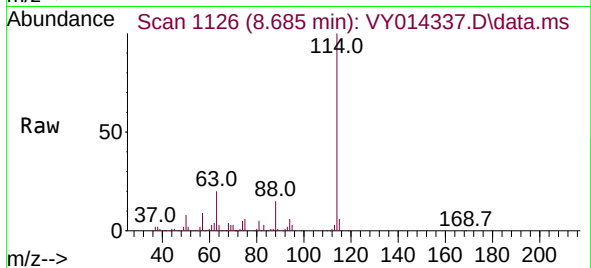
Tgt Ion:114 Resp: 280180

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.865 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014337.D

Acq: 21 Jun 2023 15:44

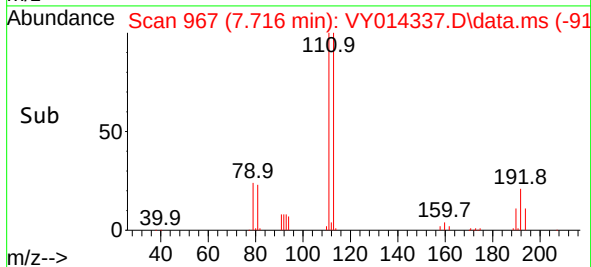
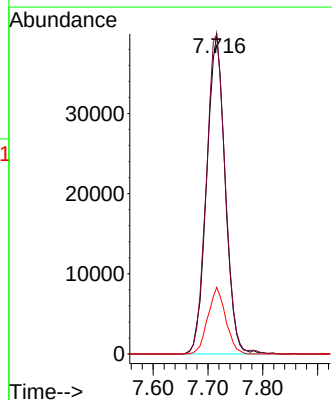
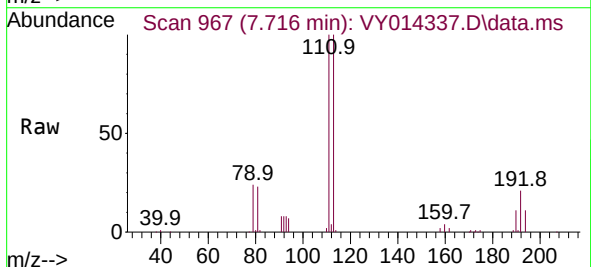
Tgt Ion:113 Resp: 93119

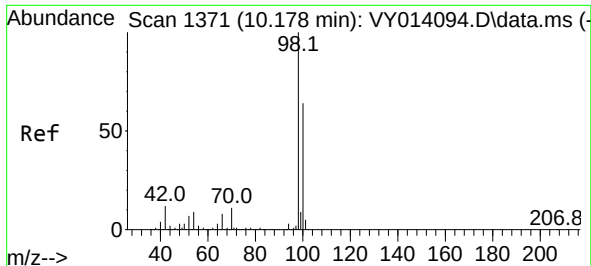
Ion Ratio Lower Upper

113 100

111 102.5 81.3 121.9

192 20.1 16.9 25.3

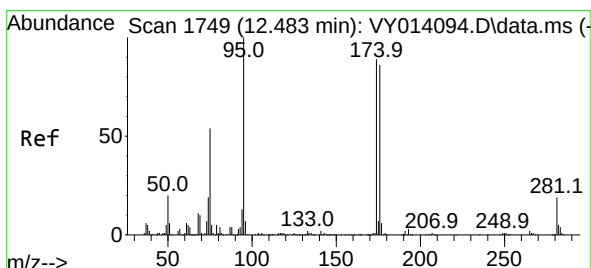
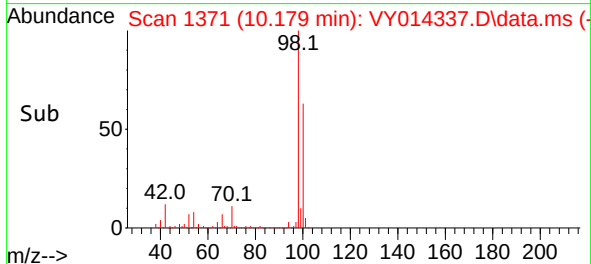
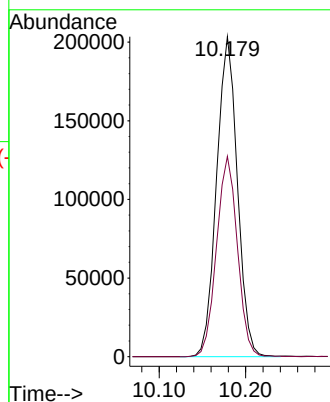
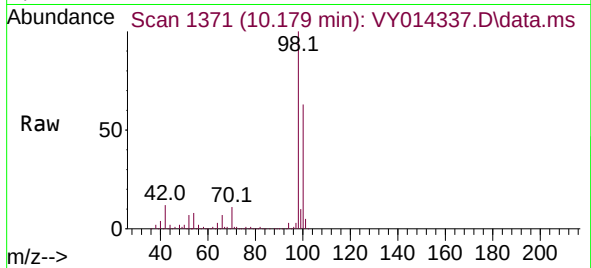




#50
Toluene-d8
Concen: 45.623 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014337.D
Acq: 21 Jun 2023 15:44

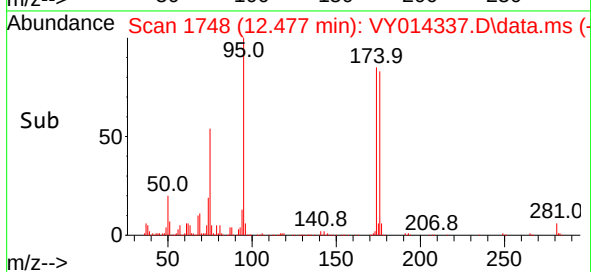
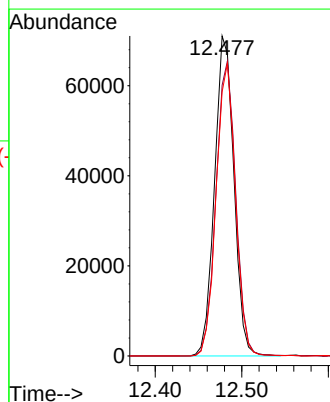
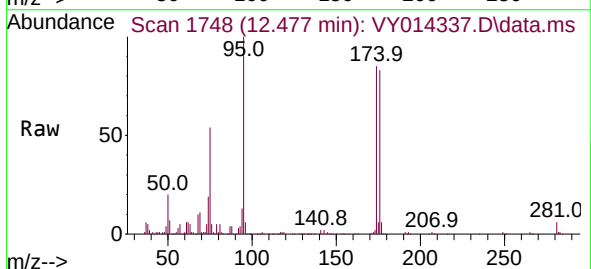
Instrument :
MSVOA_Y
ClientSampleId :
WC-7

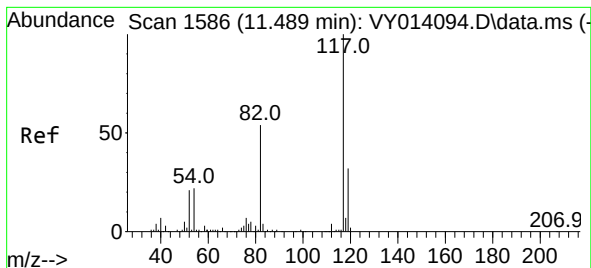
Tgt Ion: 98 Resp: 338907
Ion Ratio Lower Upper
98 100
100 62.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 41.785 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014337.D
Acq: 21 Jun 2023 15:44

Tgt Ion: 95 Resp: 110262
Ion Ratio Lower Upper
95 100
174 93.9 0.0 178.2
176 91.3 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: VY014337.D

Acq: 21 Jun 2023 15:44

Instrument :

MSVOA_Y

ClientSampleId :

WC-7

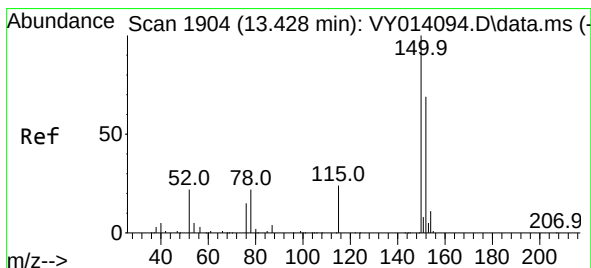
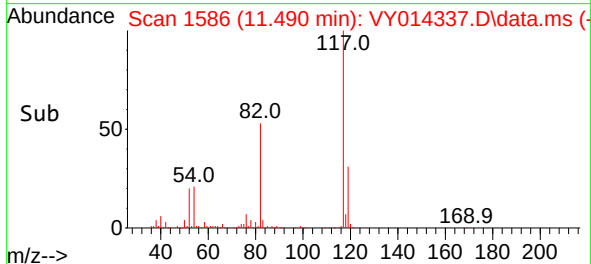
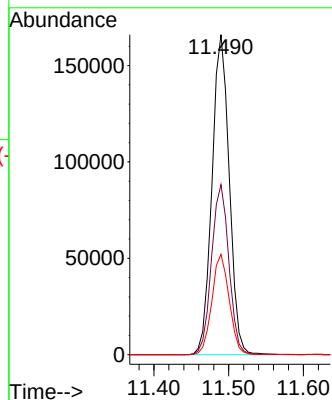
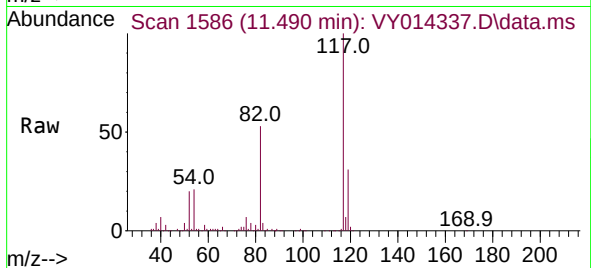
Tgt Ion:117 Resp: 267229

Ion Ratio Lower Upper

117 100

82 53.1 43.4 65.0

119 31.3 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: VY014337.D

Acq: 21 Jun 2023 15:44

Tgt Ion:152 Resp: 127634

Ion Ratio Lower Upper

152 100

115 56.8 28.8 86.5

150 155.2 0.0 348.8

