

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014294.D
 Acq On : 20 Jun 2023 19:27
 Operator : KP/MD
 Sample : 03308-03
 Misc : 5.67g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-LEFT

Quant Time: Jun 21 02:09:45 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	176084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	283699	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	259464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	107846	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	121227	49.440	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.880%
35) Dibromofluoromethane	7.716	113	94412	46.926	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.860%
50) Toluene-d8	10.179	98	339652	45.156	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.320%
62) 4-Bromofluorobenzene	12.477	95	100091	37.460	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.920%

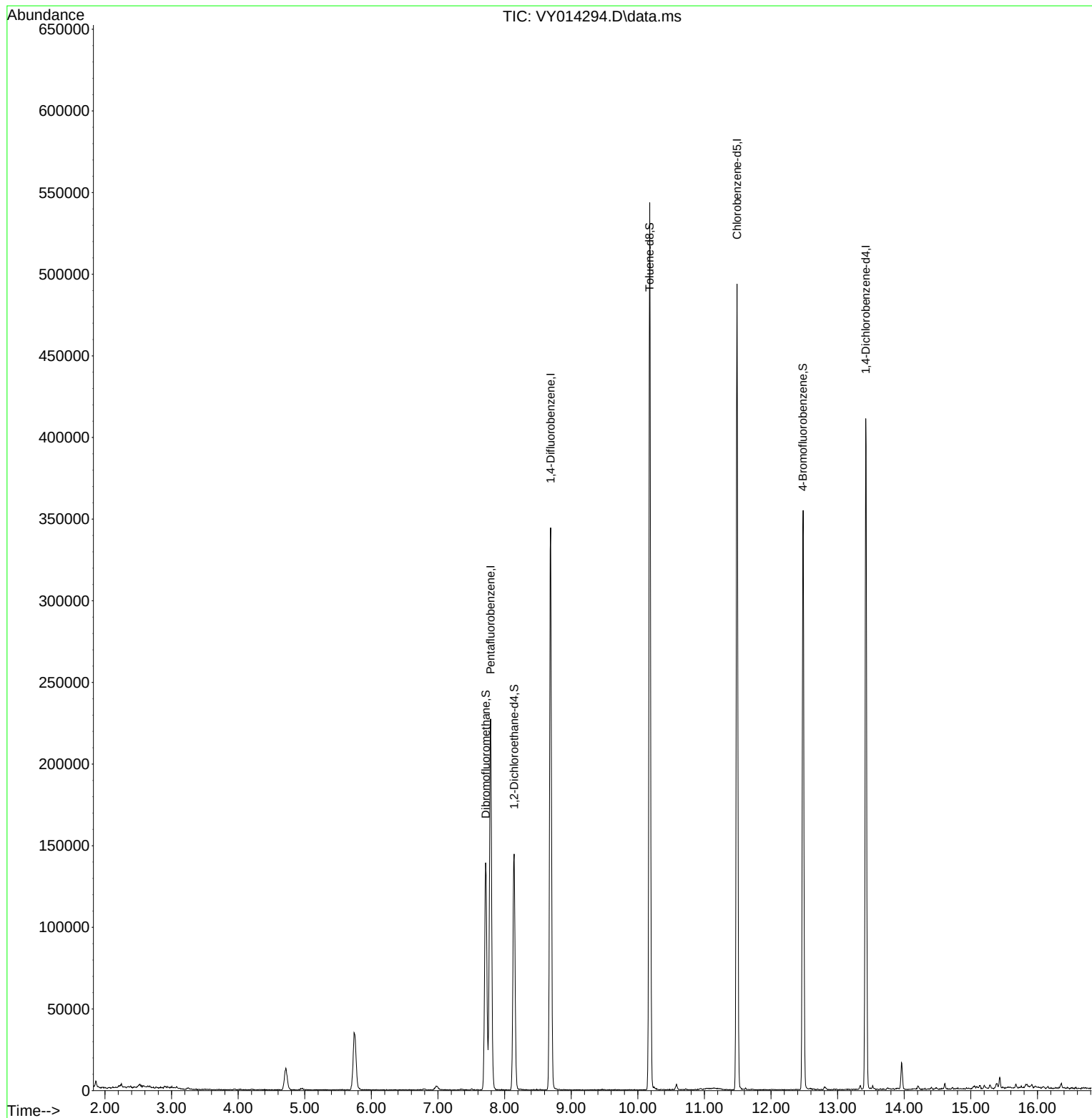
Target Compounds	Qvalue

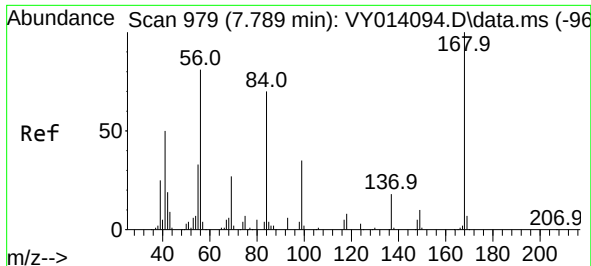
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
Data File : VY014294.D
Acq On : 20 Jun 2023 19:27
Operator : KP/MD
Sample : 03308-03
Misc : 5.67g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-LEFT

Quant Time: Jun 21 02:09:45 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

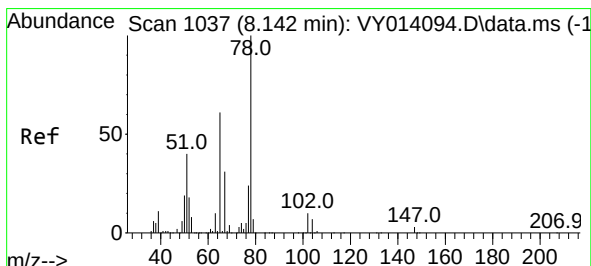
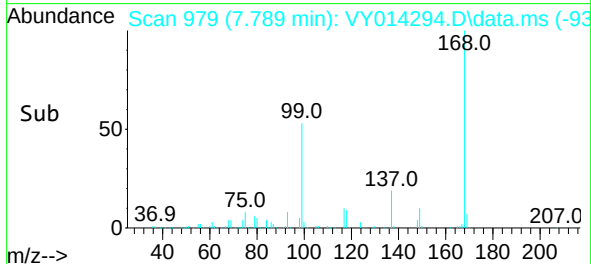
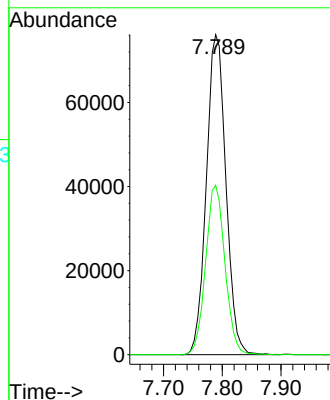
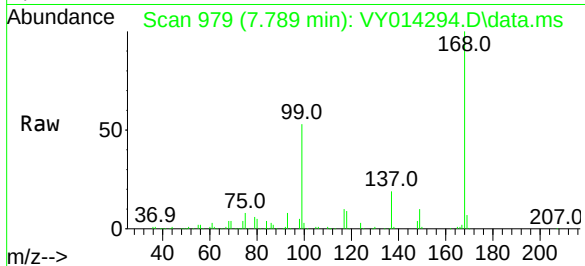




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014294.D
Acq: 20 Jun 2023 19:27

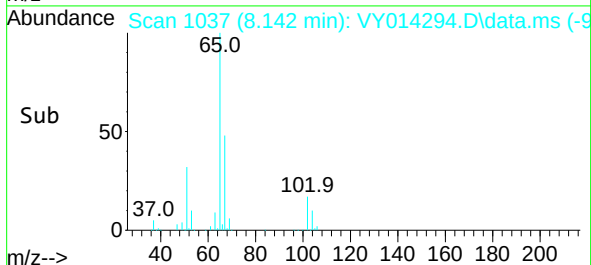
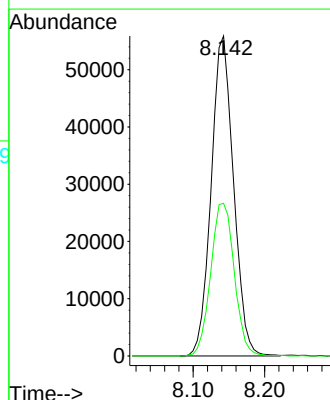
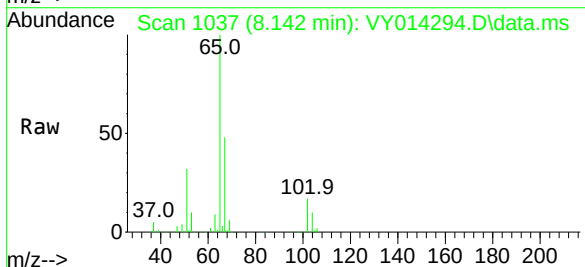
Instrument :
MSVOA_Y
ClientSampleId :
SP-LEFT

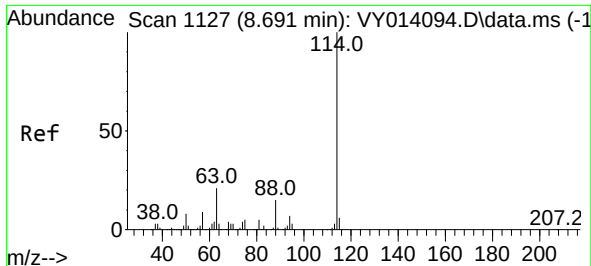
Tgt Ion:168 Resp: 176084
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 49.440 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014294.D
Acq: 20 Jun 2023 19:27

Tgt Ion: 65 Resp: 121227
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.8

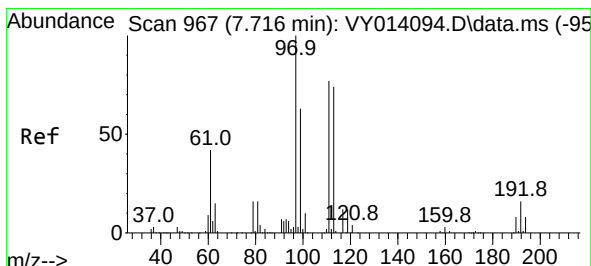
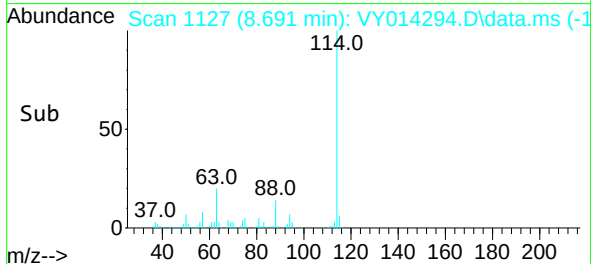
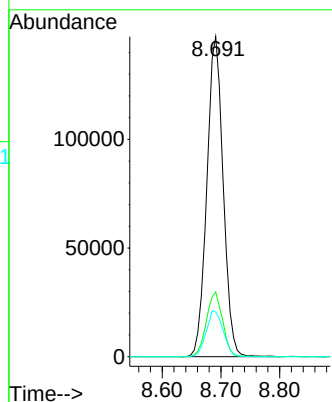
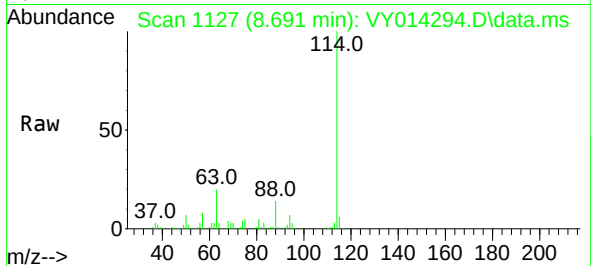




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014294.D
Acq: 20 Jun 2023 19:27

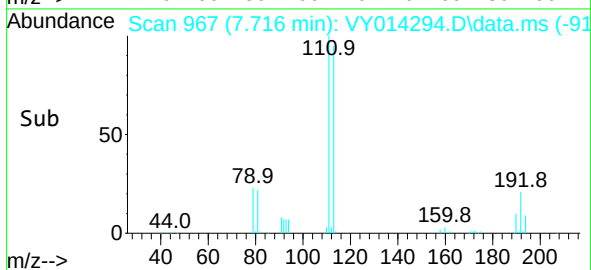
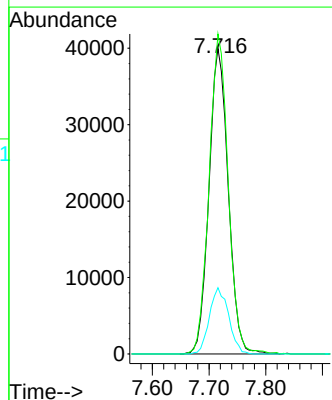
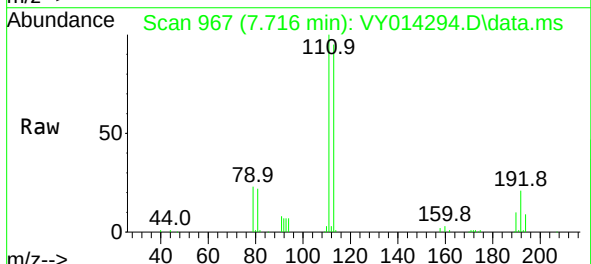
Instrument :
MSVOA_Y
ClientSampleId :
SP-LEFT

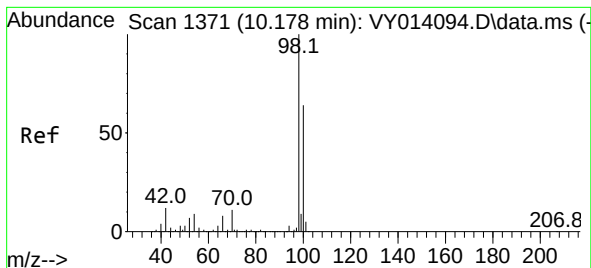
Tgt Ion:	114	Resp:	283699
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.4
88	14.0	0.0	30.6



#35
Dibromofluoromethane
Concen: 46.926 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014294.D
Acq: 20 Jun 2023 19:27

Tgt Ion:	113	Resp:	94412
Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.3	121.9
192	21.6	16.9	25.3





#50

Toluene-d8

Concen: 45.156 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014294.D

Acq: 20 Jun 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

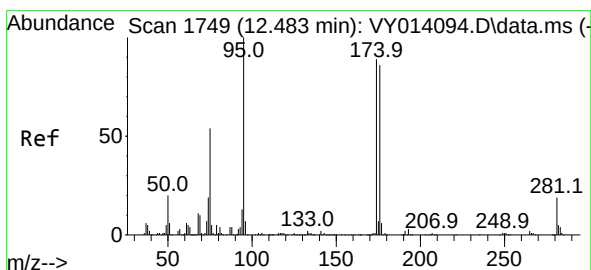
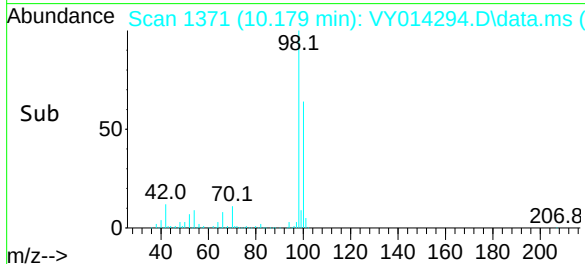
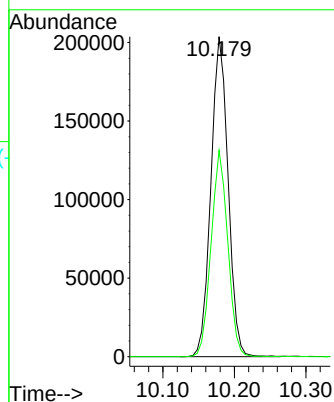
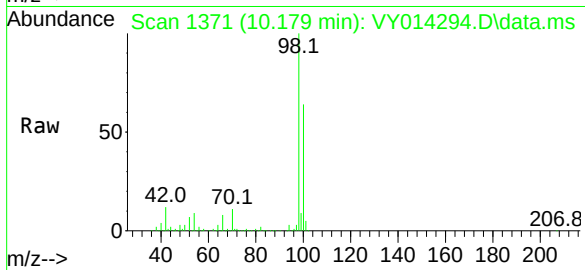
SP-LEFT

Tgt Ion: 98 Resp: 339652

Ion Ratio Lower Upper

98 100

100 62.7 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 37.460 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY014294.D

Acq: 20 Jun 2023 19:27

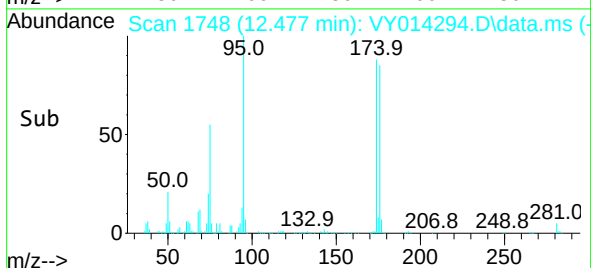
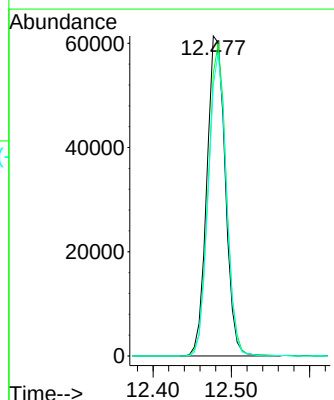
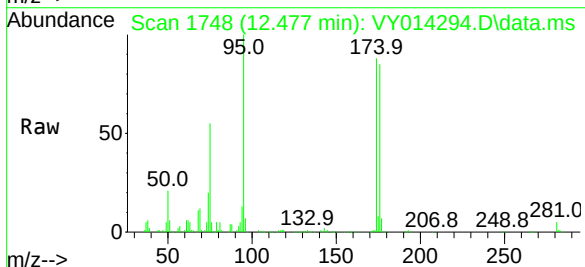
Tgt Ion: 95 Resp: 100091

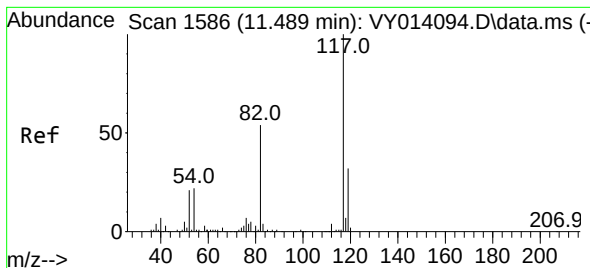
Ion Ratio Lower Upper

95 100

174 95.7 0.0 178.2

176 92.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014294.D

Acq: 20 Jun 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

SP-LEFT

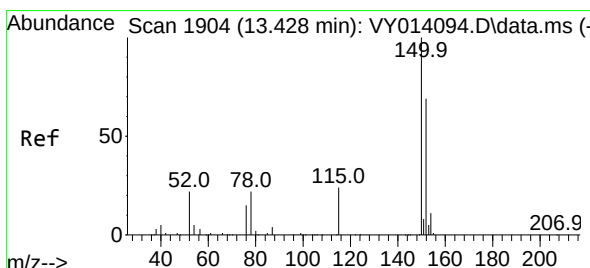
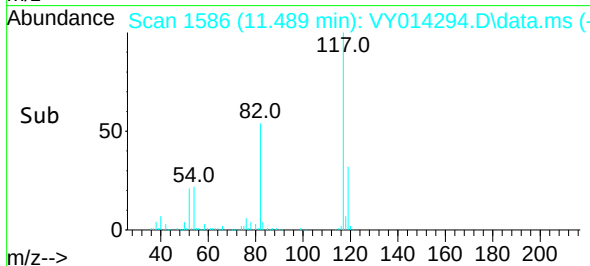
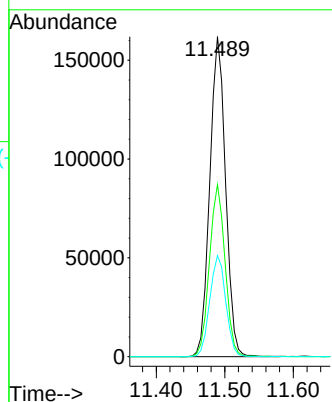
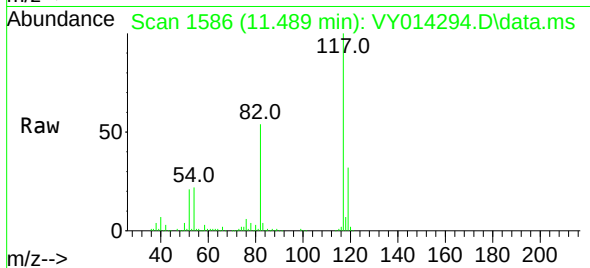
Tgt Ion:117 Resp: 259464

Ion Ratio Lower Upper

117 100

82 53.8 43.4 65.0

119 31.6 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: VY014294.D

Acq: 20 Jun 2023 19:27

Tgt Ion:152 Resp: 107846

Ion Ratio Lower Upper

152 100

115 56.4 28.8 86.5

150 154.7 0.0 348.8

