

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014283.D
 Acq On : 20 Jun 2023 15:09
 Operator : KP/MD
 Sample : 03302-04
 Misc : 7.15g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3

Quant Time: Jun 21 02:08:04 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	176933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	283337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	263899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124795	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	125481	50.929	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.860%
35) Dibromofluoromethane	7.710	113	92944	46.255	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.520%
50) Toluene-d8	10.179	98	339586	45.205	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.400%
62) 4-Bromofluorobenzene	12.477	95	106305	39.836	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.680%

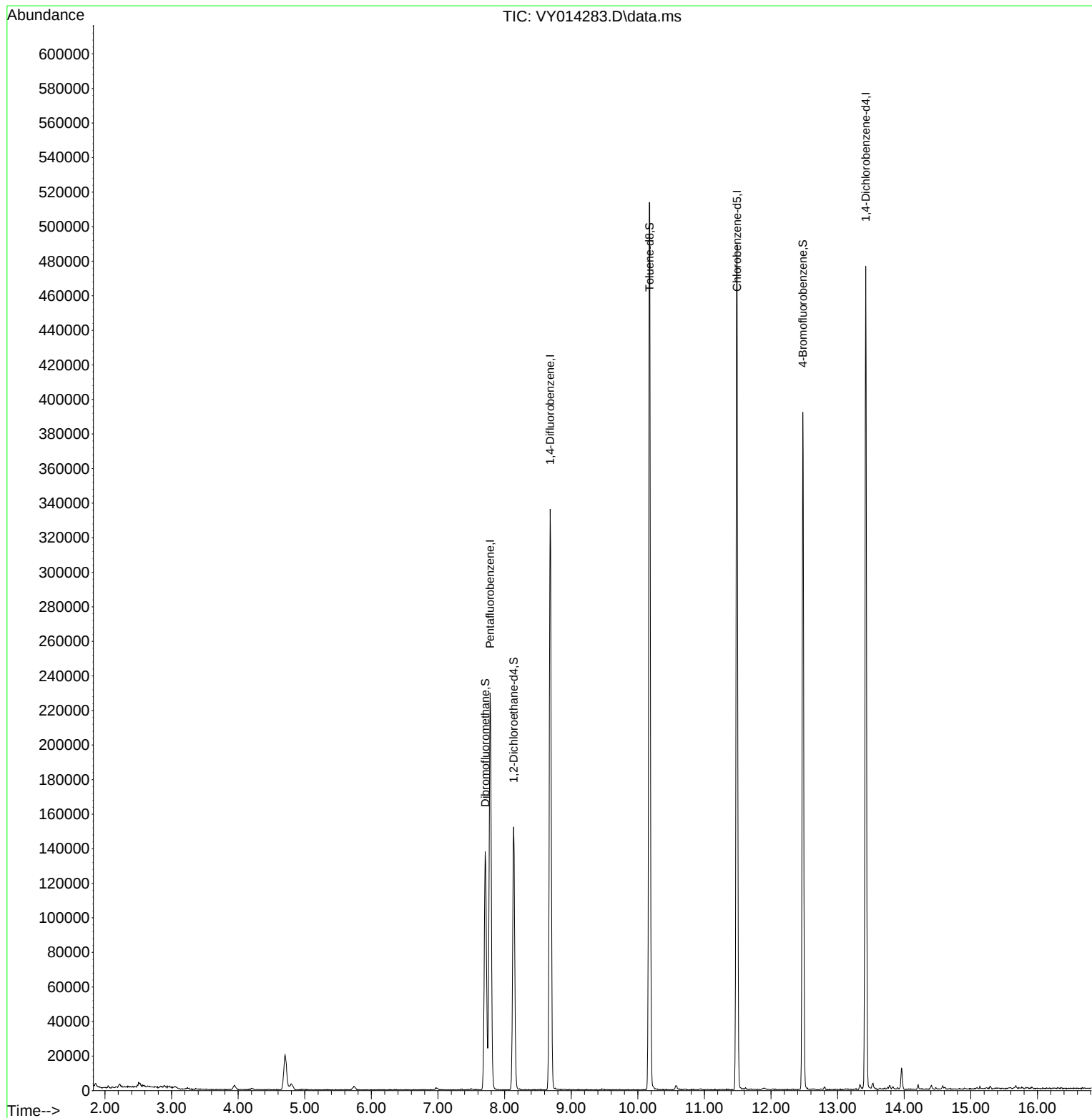
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
Data File : VY014283.D
Acq On : 20 Jun 2023 15:09
Operator : KP/MD
Sample : 03302-04
Misc : 7.15g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-3

Quant Time: Jun 21 02:08:04 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

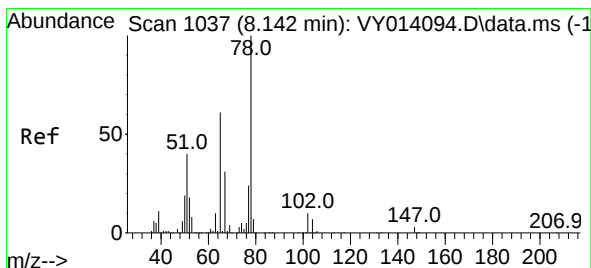
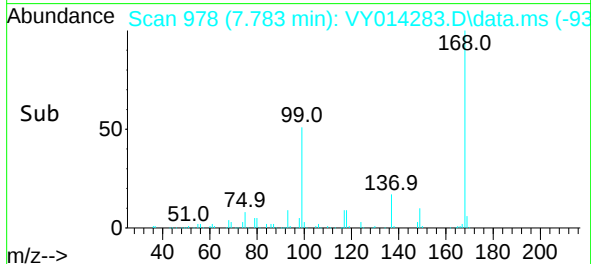
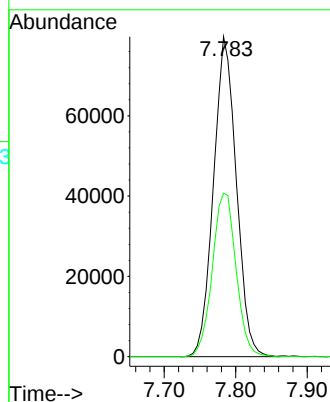
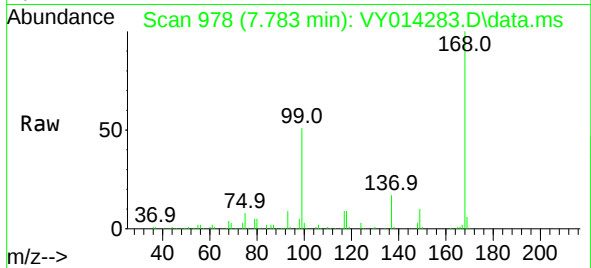




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014283.D
Acq: 20 Jun 2023 15:09

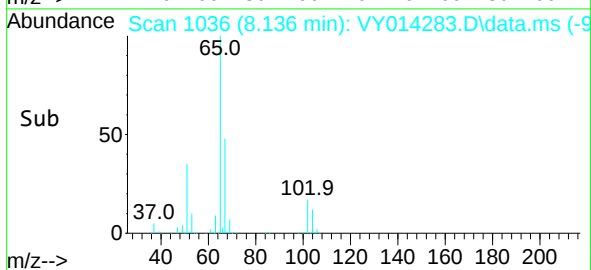
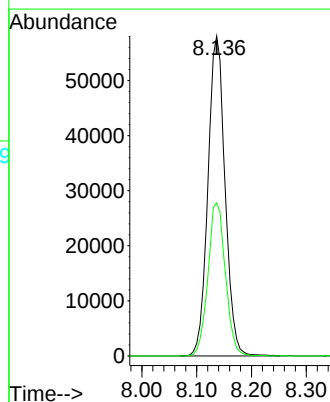
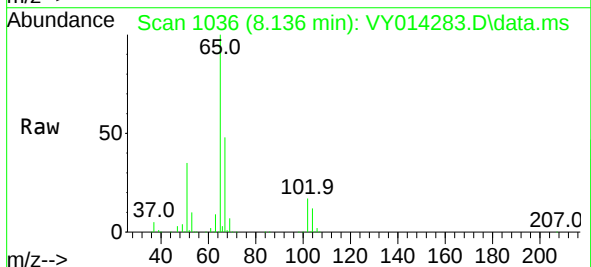
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

Tgt Ion:168 Resp: 176933
Ion Ratio Lower Upper
168 100
99 51.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 50.929 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014283.D
Acq: 20 Jun 2023 15:09

Tgt Ion: 65 Resp: 125481
Ion Ratio Lower Upper
65 100
67 48.9 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: VY014283.D

Acq: 20 Jun 2023 15:09

Instrument :

MSVOA_Y

ClientSampleId :

SB-3

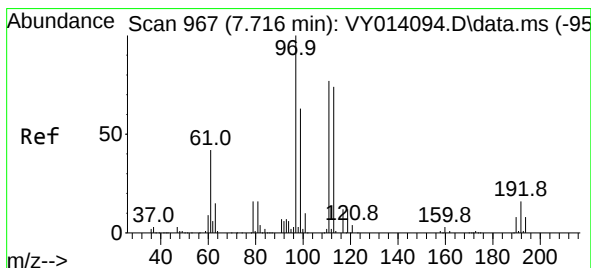
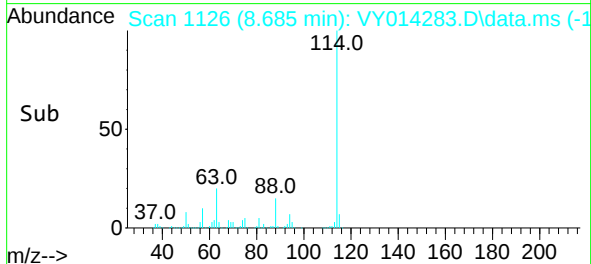
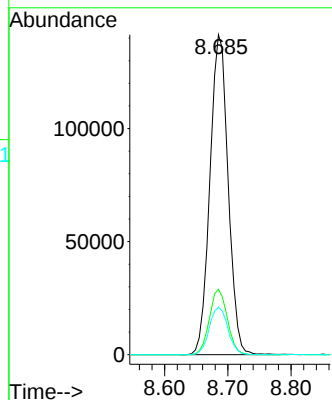
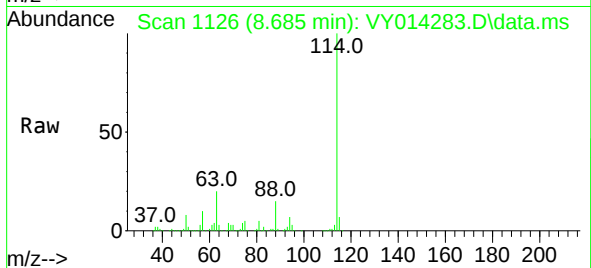
Tgt Ion:114 Resp: 283337

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.255 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014283.D

Acq: 20 Jun 2023 15:09

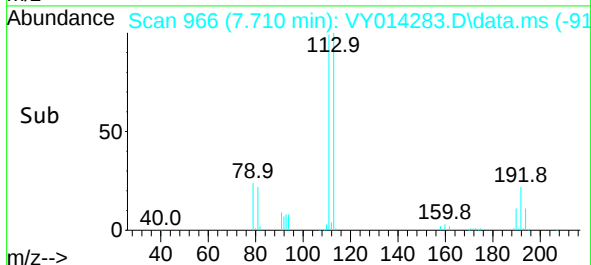
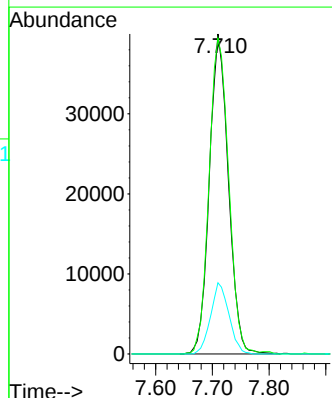
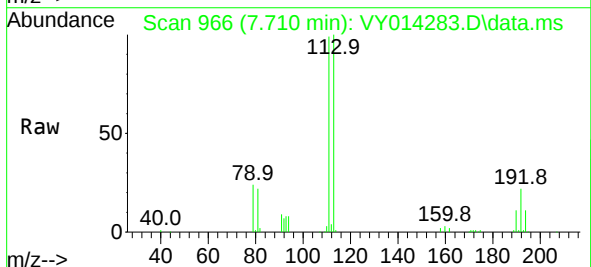
Tgt Ion:113 Resp: 92944

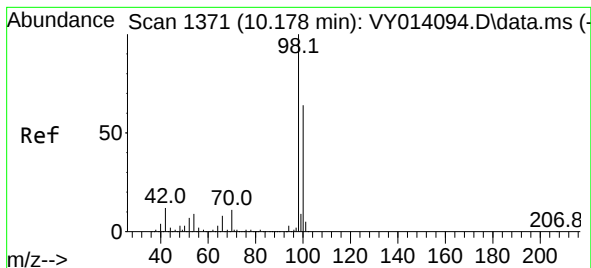
Ion Ratio Lower Upper

113 100

111 102.2 81.3 121.9

192 21.5 16.9 25.3

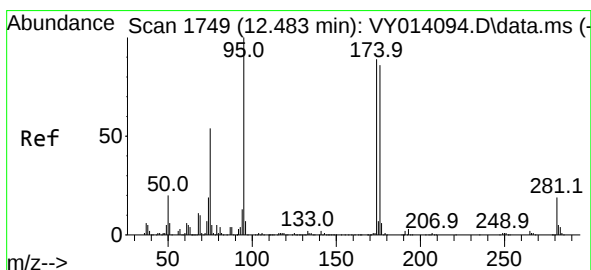
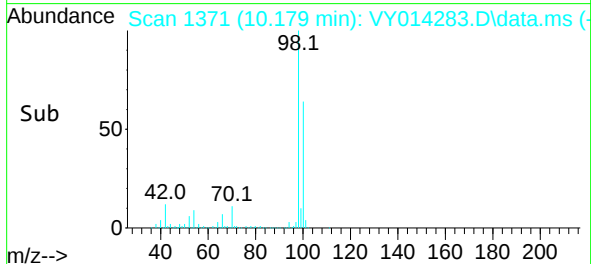
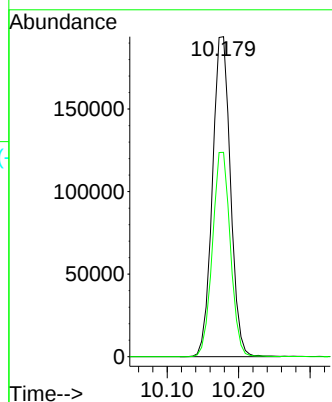
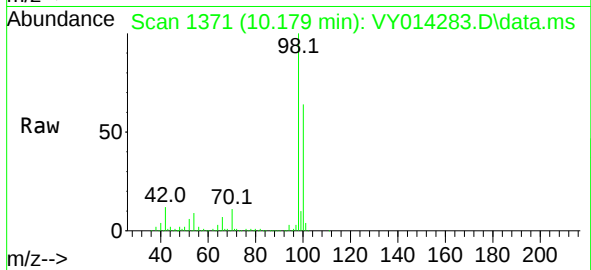




#50
Toluene-d8
Concen: 45.205 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014283.D
Acq: 20 Jun 2023 15:09

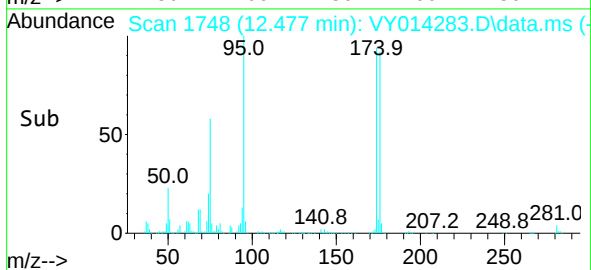
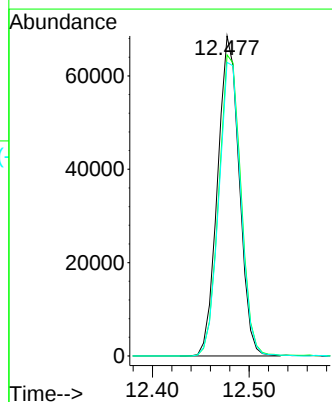
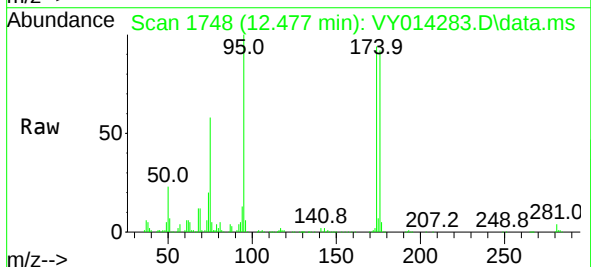
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

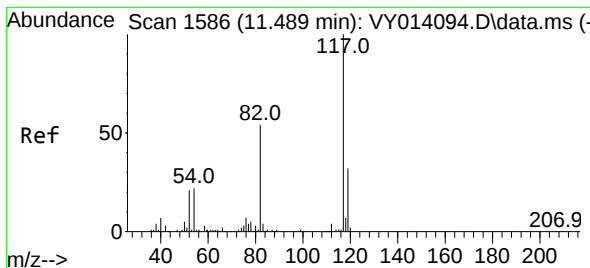
Tgt Ion: 98 Resp: 339586
Ion Ratio Lower Upper
98 100
100 63.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 39.836 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014283.D
Acq: 20 Jun 2023 15:09

Tgt Ion: 95 Resp: 106305
Ion Ratio Lower Upper
95 100
174 96.3 0.0 178.2
176 93.1 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: VY014283.D

Acq: 20 Jun 2023 15:09

Instrument :

MSVOA_Y

ClientSampleId :

SB-3

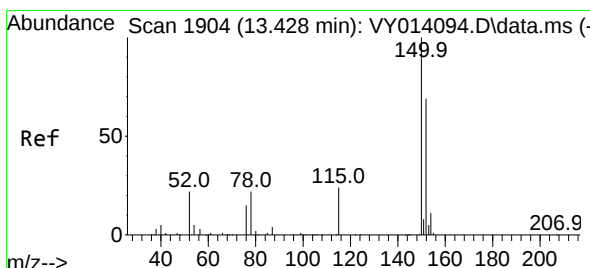
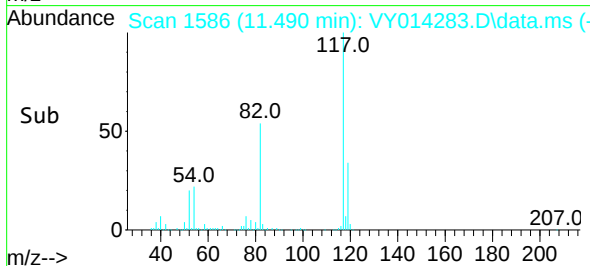
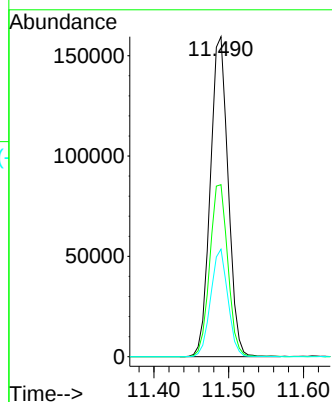
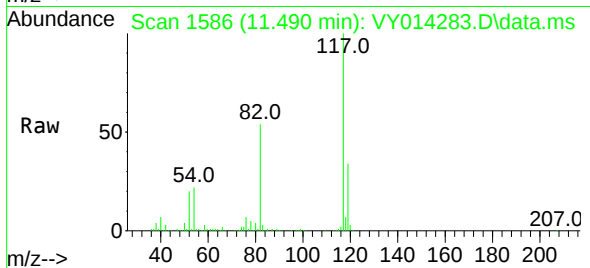
Tgt Ion:117 Resp: 263899

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

119 33.6 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: VY014283.D

Acq: 20 Jun 2023 15:09

Tgt Ion:152 Resp: 124795

Ion Ratio Lower Upper

152 100

115 55.9 28.8 86.5

150 154.7 0.0 348.8

