

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014264.D
 Acq On : 20 Jun 2023 06:36
 Operator : KP/MD
 Sample : 03289-20
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07-4.0-6.0

Quant Time: Jun 20 11:24:30 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	7.801	168	1631	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.697	114	2923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	3247	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	989	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	2090	92.022	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	184.040%#
35) Dibromofluoromethane	7.722	113	496	23.928	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	47.860%#
50) Toluene-d8	10.191	98	3611	46.595	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.180%
62) 4-Bromofluorobenzene	12.483	95	983	35.707	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.420%

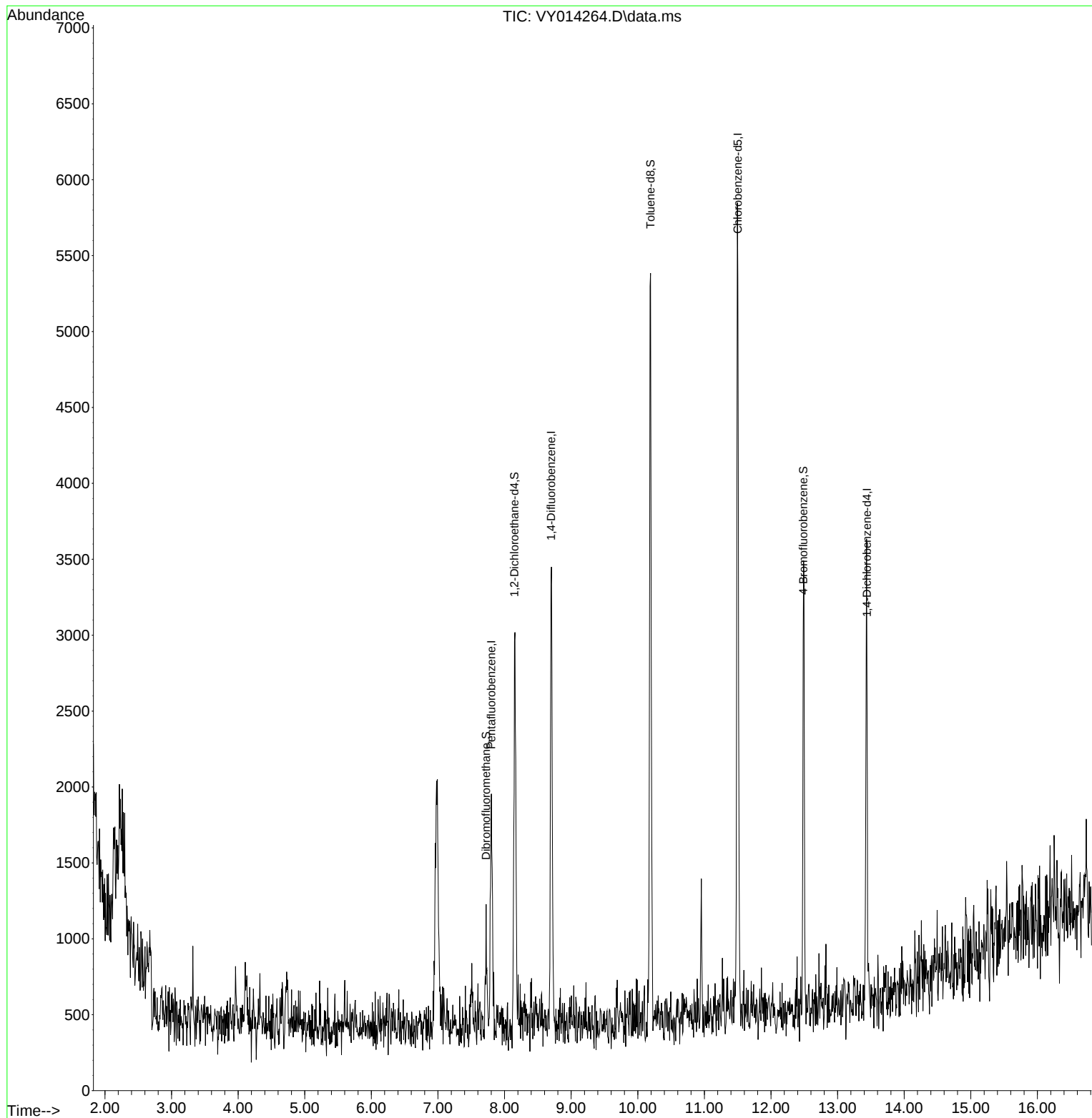
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
Data File : VY014264.D
Acq On : 20 Jun 2023 06:36
Operator : KP/MD
Sample : 03289-20
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-07-4.0-6.0

Quant Time: Jun 20 11:24:30 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

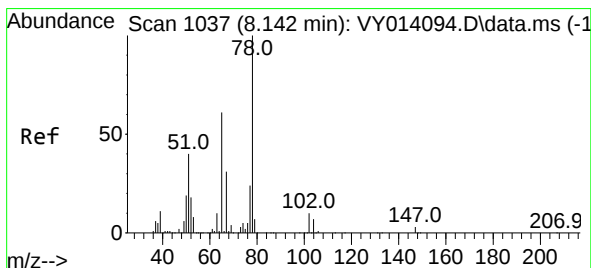
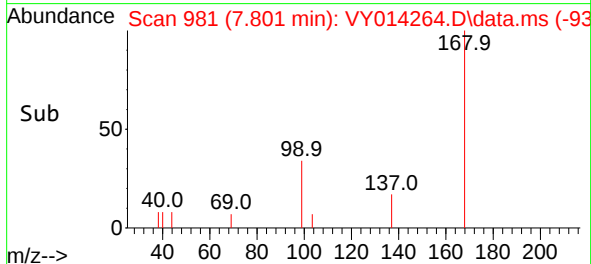
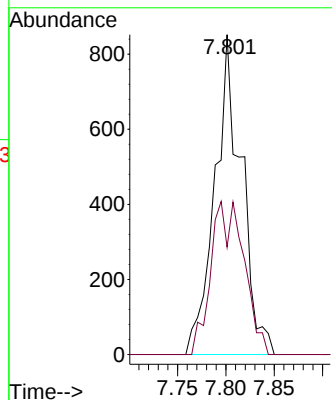
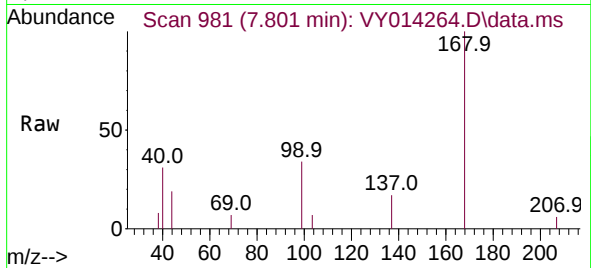




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014264.D
Acq: 20 Jun 2023 06:36

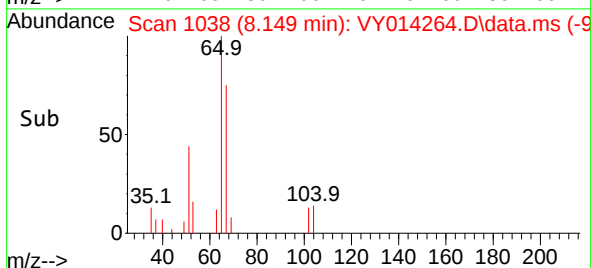
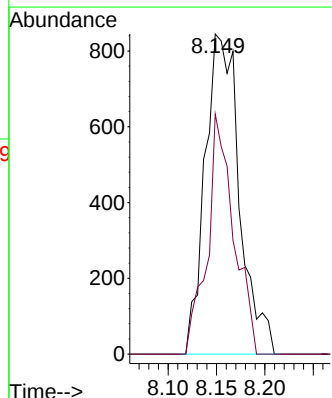
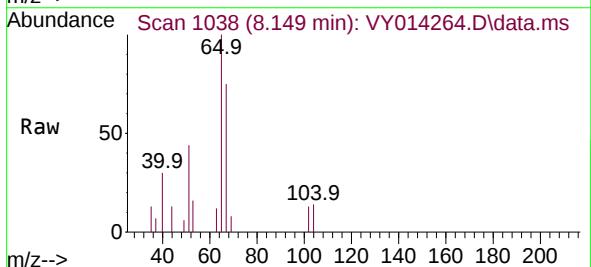
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-4.0-6.0

Tgt Ion:168 Resp: 1631
Ion Ratio Lower Upper
168 100
99 33.6 43.4 65.0#



#33
1,2-Dichloroethane-d4
Concen: 92.022 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VY014264.D
Acq: 20 Jun 2023 06:36

Tgt Ion: 65 Resp: 2090
Ion Ratio Lower Upper
65 100
67 57.5 0.0 101.8

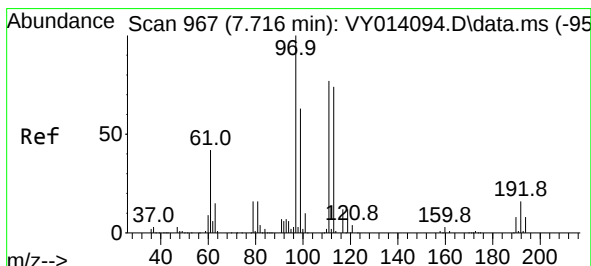
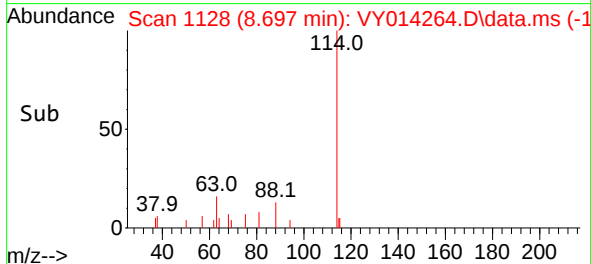
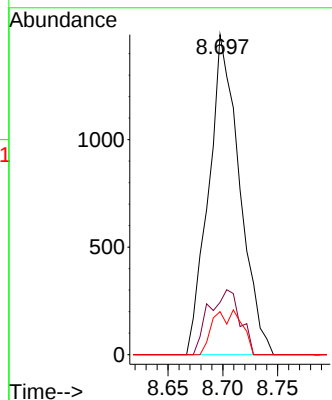
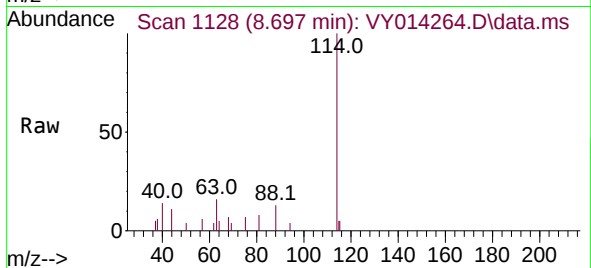




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014264.D
Acq: 20 Jun 2023 06:36

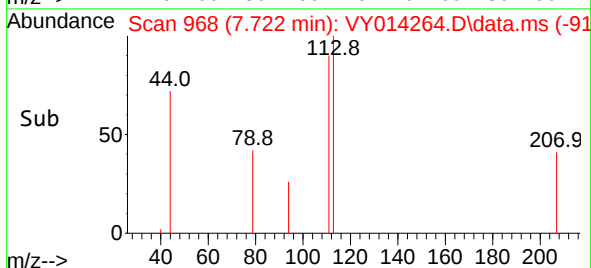
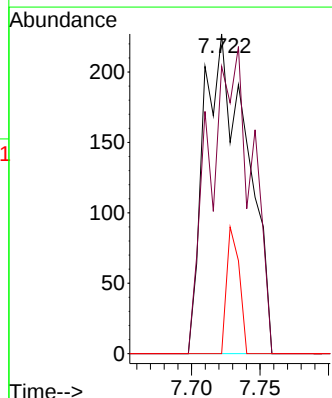
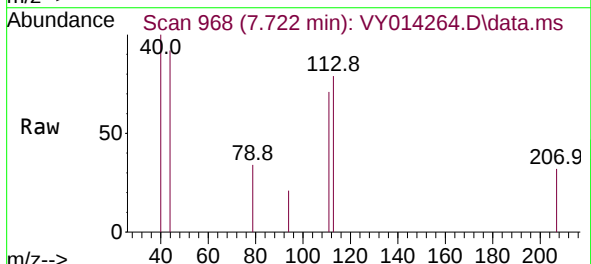
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-4.0-6.0

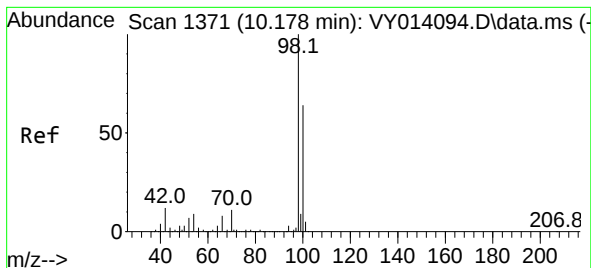
Tgt Ion:114	Resp:	2923
Ion Ratio	Lower	Upper
114	100	
63	16.3	0.0 42.4
88	13.4	0.0 30.6



#35
Dibromofluoromethane
Concen: 23.928 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014264.D
Acq: 20 Jun 2023 06:36

Tgt Ion:113	Resp:	496
Ion Ratio	Lower	Upper
113	100	
111	95.2	81.3 121.9
192	11.5	16.9 25.3





#50

Toluene-d8

Concen: 46.595 ug/l

RT: 10.191 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY014264.D

Acq: 20 Jun 2023 06:36

Instrument :

MSVOA_Y

ClientSampleId :

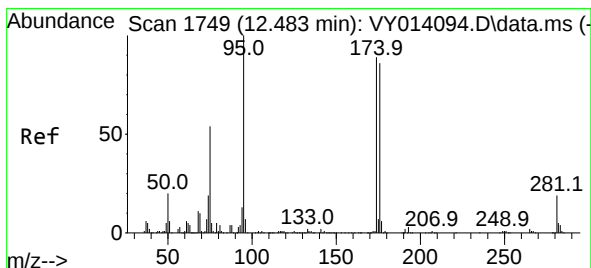
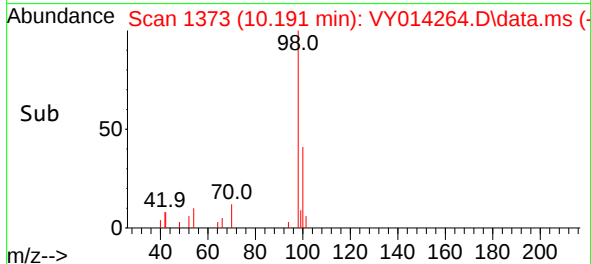
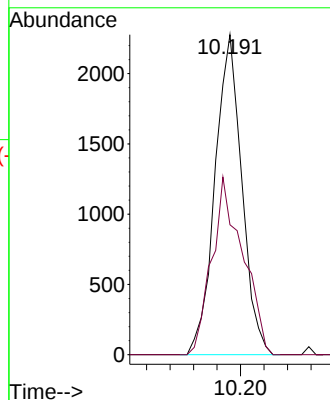
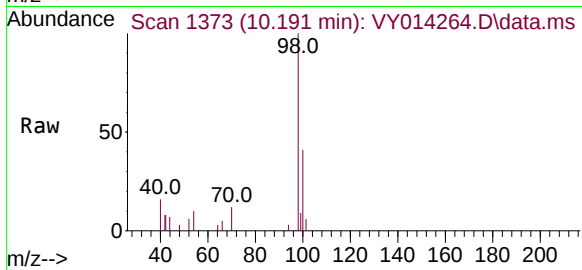
SB-07-4.0-6.0

Tgt Ion: 98 Resp: 3611

Ion Ratio Lower Upper

98 100

100 64.5 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 35.707 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY014264.D

Acq: 20 Jun 2023 06:36

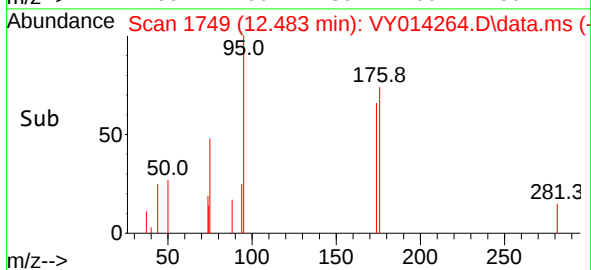
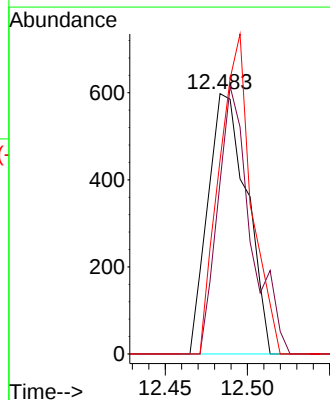
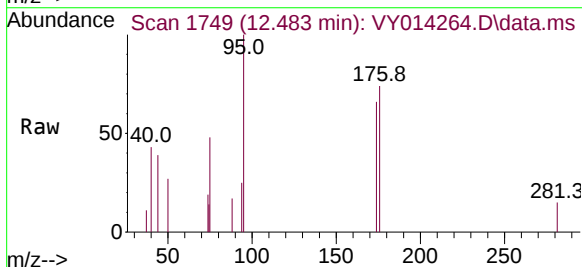
Tgt Ion: 95 Resp: 983

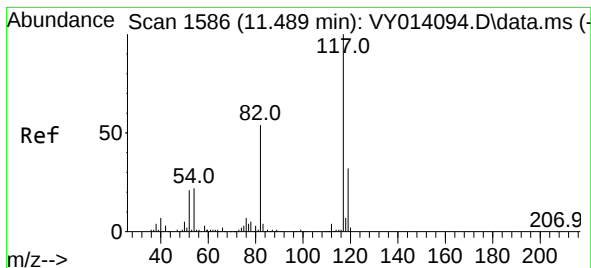
Ion Ratio Lower Upper

95 100

174 87.0 0.0 178.2

176 102.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY014264.D

Acq: 20 Jun 2023 06:36

Instrument :

MSVOA_Y

ClientSampleId :

SB-07-4.0-6.0

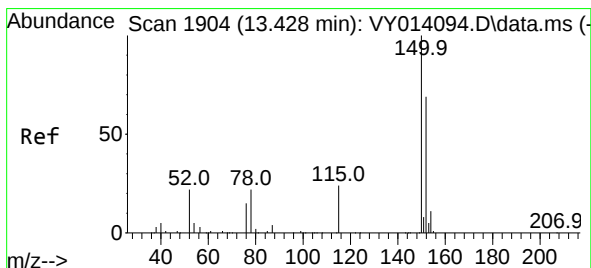
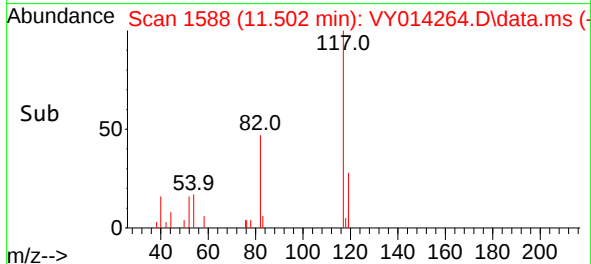
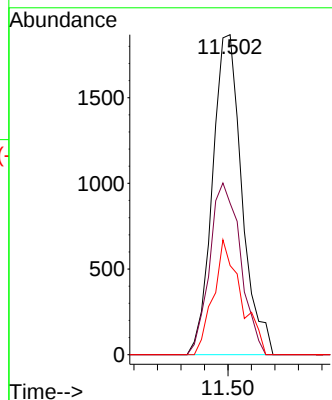
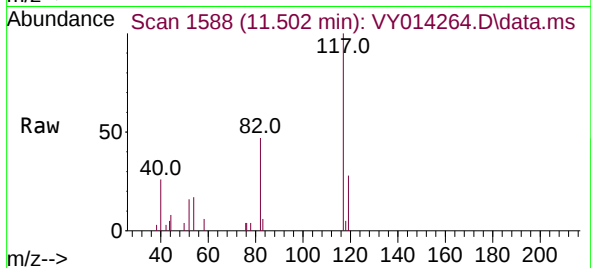
Tgt Ion:117 Resp: 3247

Ion Ratio Lower Upper

117 100

82 47.3 43.4 65.0

119 27.8 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.012 min

Lab File: VY014264.D

Acq: 20 Jun 2023 06:36

Tgt Ion:152 Resp: 989

Ion Ratio Lower Upper

152 100

115 48.1 28.8 86.5

150 151.2 0.0 348.8

