

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122022\
 Data File : VY011923.D
 Acq On : 20 Dec 2022 15:36
 Operator : KP/MD
 Sample : N6091-02
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-121522

Quant Time: Dec 20 15:54:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	50254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	84382	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	80651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	35216	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	39819	78.647	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	157.300%
35) Dibromofluoromethane	7.722	113	33311	65.572	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	131.140%
50) Toluene-d8	10.179	98	116852	56.694	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.380%
62) 4-Bromofluorobenzene	12.483	95	35861	51.733	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.460%

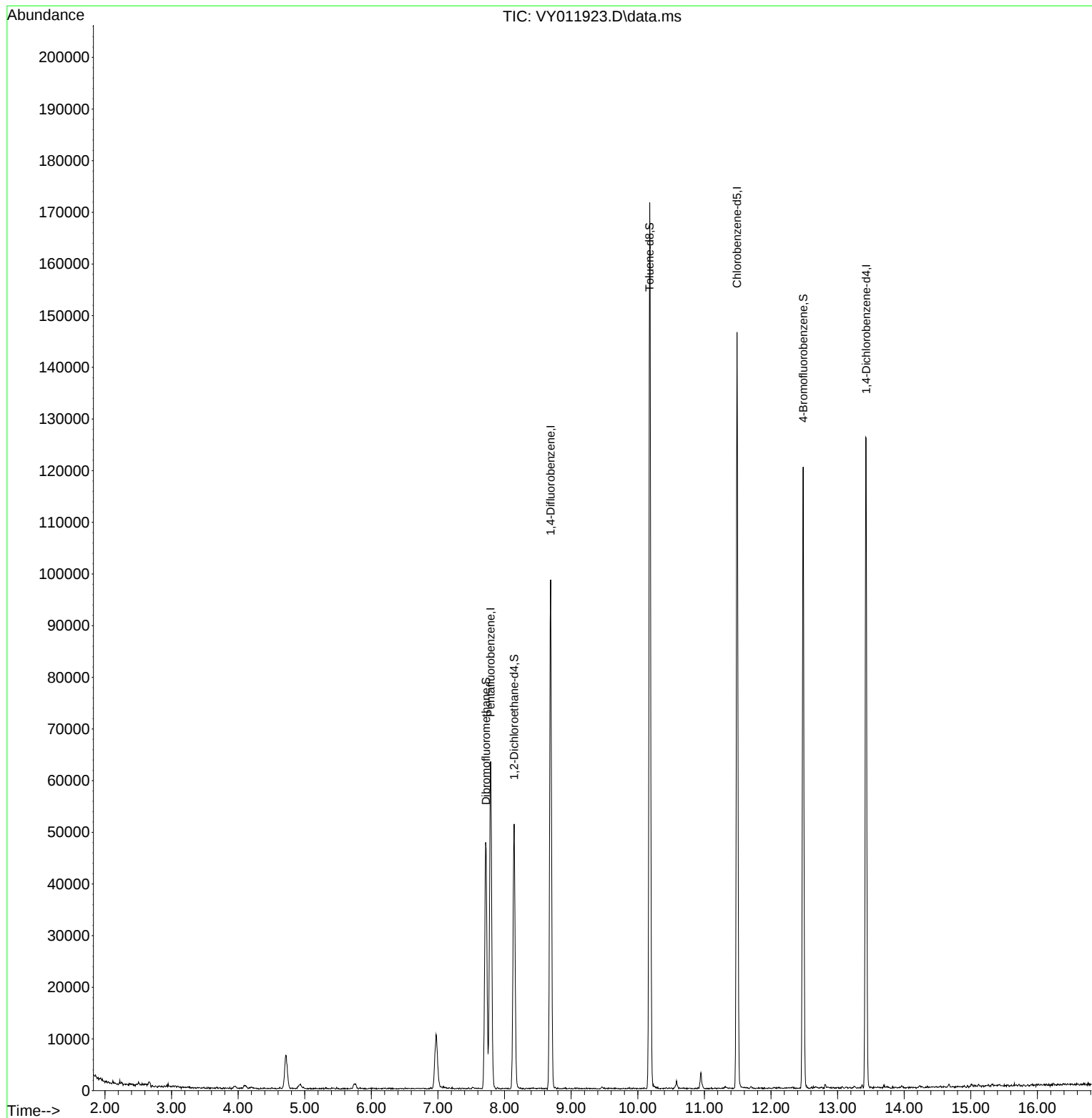
Target Compounds	Qvalue

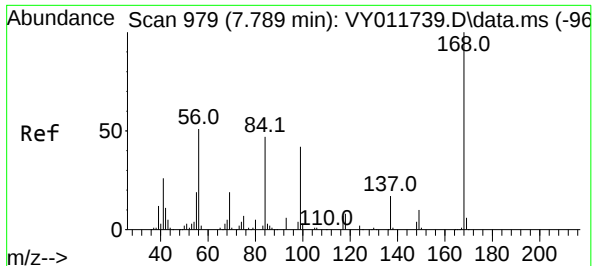
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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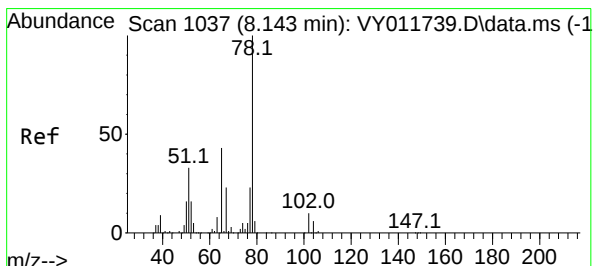
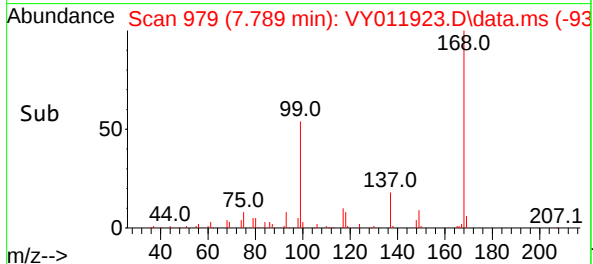
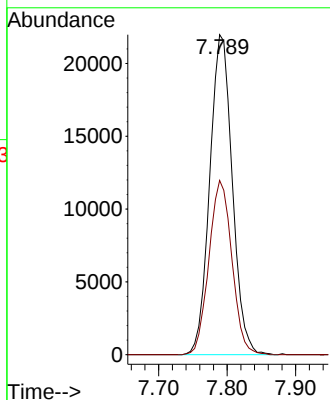
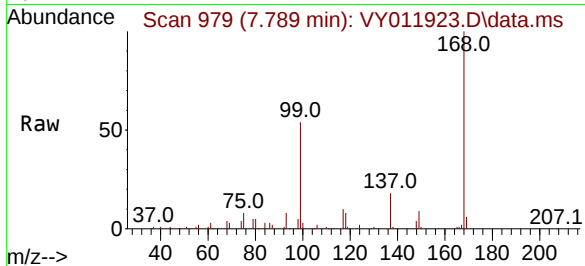




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011923.D
Acq: 20 Dec 2022 15:36

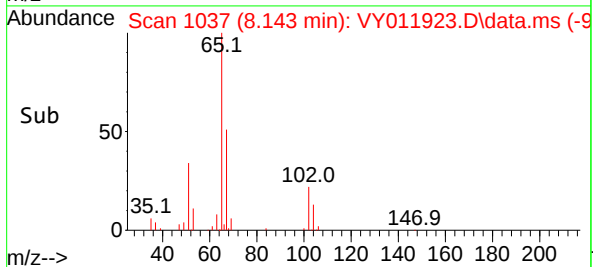
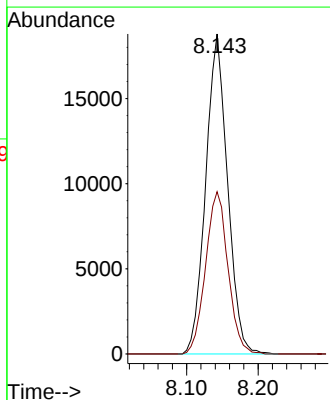
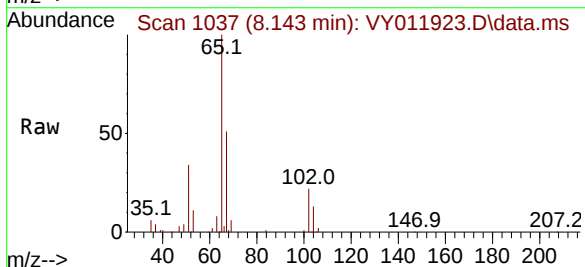
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-121522

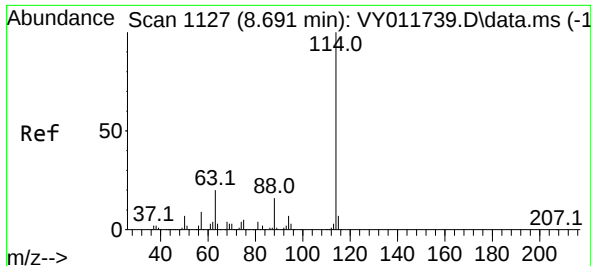
Tgt Ion:168 Resp: 50254
Ion Ratio Lower Upper
168 100
99 54.5 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 78.647 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011923.D
Acq: 20 Dec 2022 15:36

Tgt Ion: 65 Resp: 39819
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011923.D

Acq: 20 Dec 2022 15:36

Instrument :

MSVOA_Y

ClientSampleId :

BU-03-121522

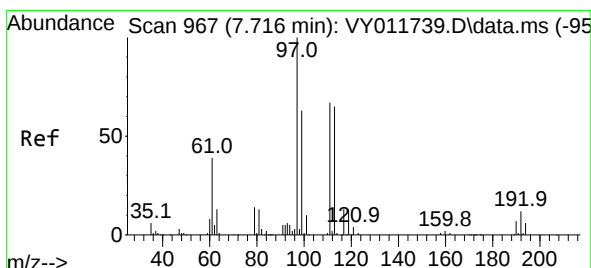
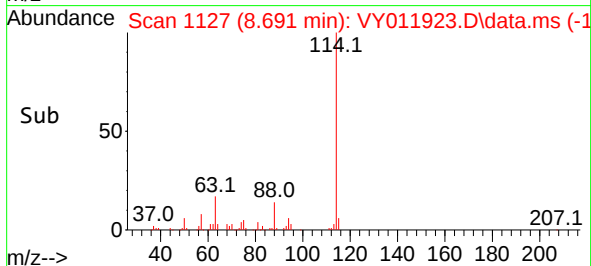
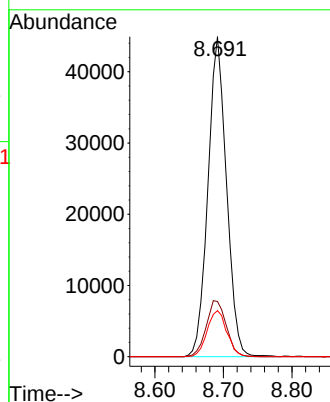
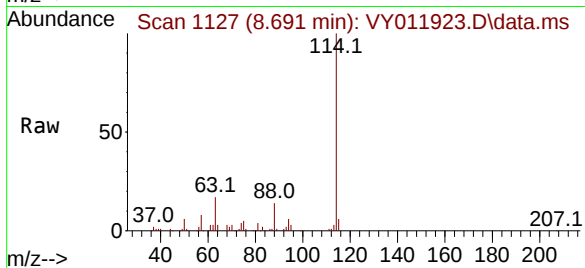
Tgt Ion:114 Resp: 84382

Ion Ratio Lower Upper

114 100

63 17.3 0.0 39.6

88 14.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 65.572 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY011923.D

Acq: 20 Dec 2022 15:36

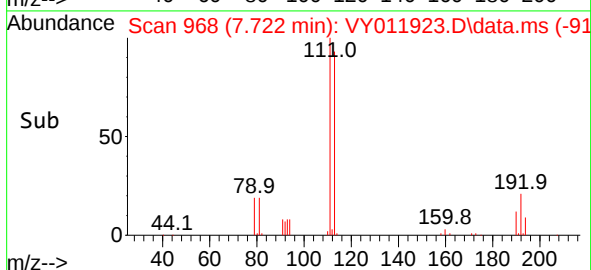
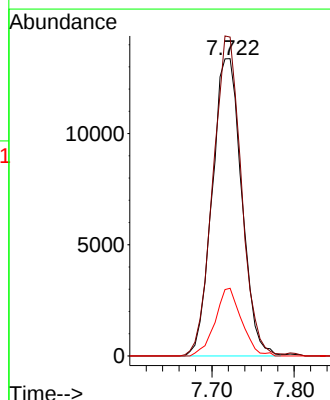
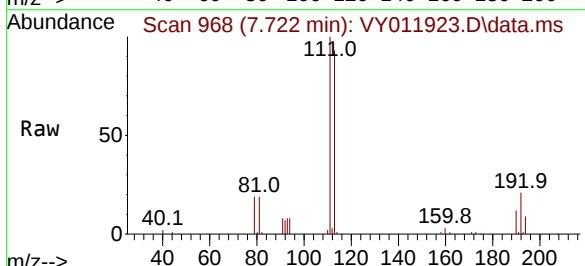
Tgt Ion:113 Resp: 33311

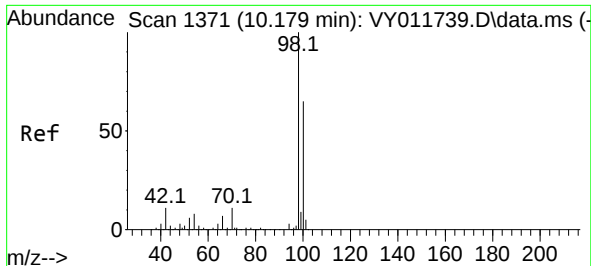
Ion Ratio Lower Upper

113 100

111 103.6 83.0 124.4

192 20.5 16.0 24.0

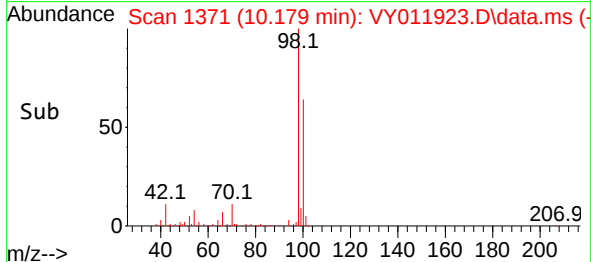
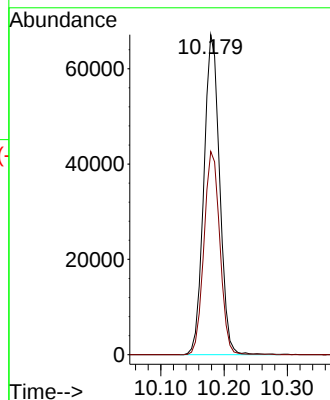
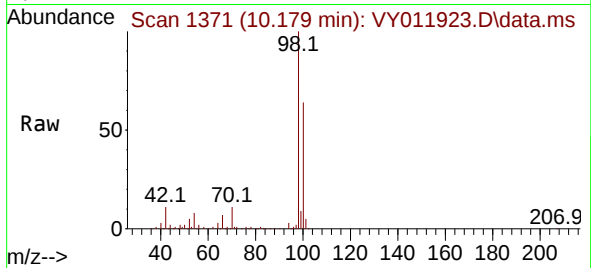




#50
Toluene-d8
Concen: 56.694 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011923.D
Acq: 20 Dec 2022 15:36

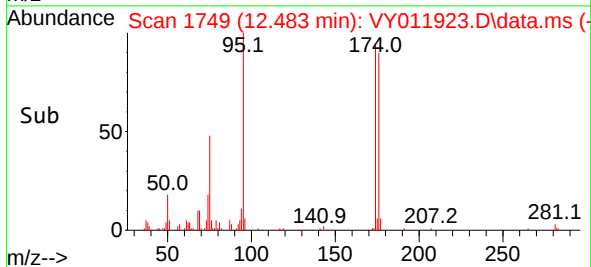
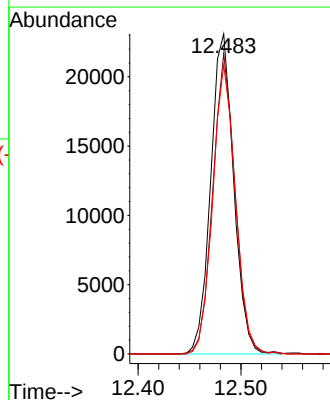
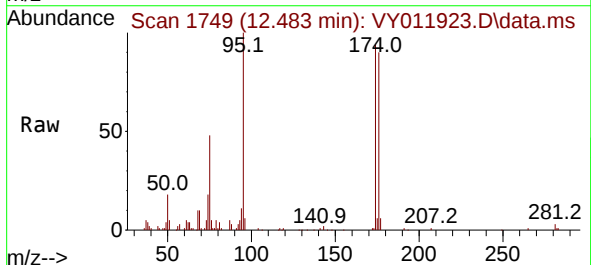
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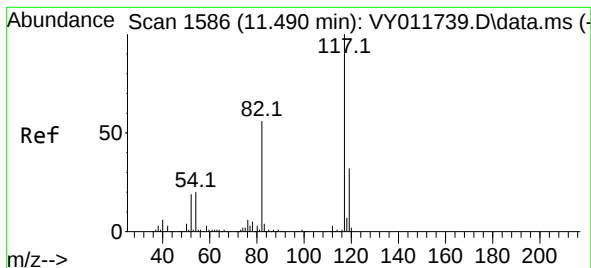
Tgt Ion: 98 Resp: 116852
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.733 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011923.D
Acq: 20 Dec 2022 15:36

Tgt Ion: 95 Resp: 35861
Ion Ratio Lower Upper
95 100
174 90.7 0.0 172.0
176 89.2 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY011923.D

Acq: 20 Dec 2022 15:36

Instrument :

MSVOA_Y

ClientSampleId :

BU-03-121522

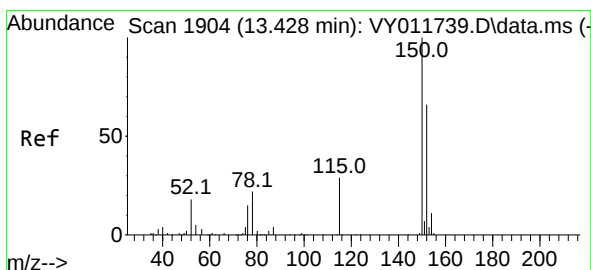
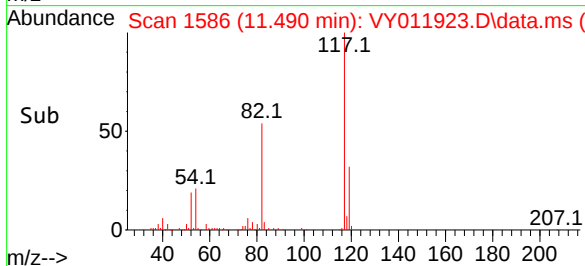
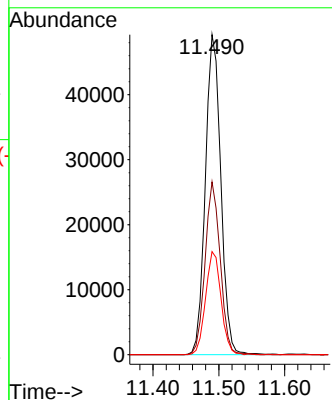
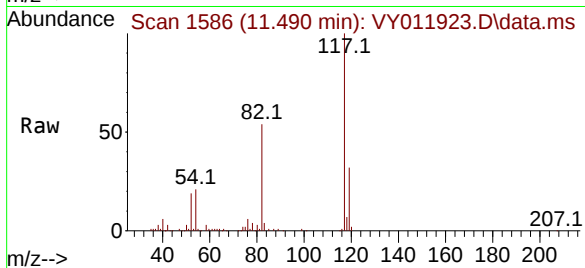
Tgt Ion:117 Resp: 80651

Ion Ratio Lower Upper

117 100

82 54.0 44.8 67.2

119 32.2 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY011923.D

Acq: 20 Dec 2022 15:36

Tgt Ion:152 Resp: 35216

Ion Ratio Lower Upper

152 100

115 56.4 29.1 87.3

150 160.0 0.0 342.6

