

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
 Data File : VY015787.D
 Acq On : 02 Oct 2023 19:25
 Operator : SY/MD
 Sample : 04657-06
 Misc : 5.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 V-2(2-6IN)

Quant Time: Oct 03 01:27:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	130824	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	227896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	202792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78765	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	84713	58.852	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.700%
35) Dibromofluoromethane	7.722	113	73878	54.161	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.320%
50) Toluene-d8	10.179	98	270861	58.565	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	117.140%
62) 4-Bromofluorobenzene	12.483	95	81431	44.866	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.740%

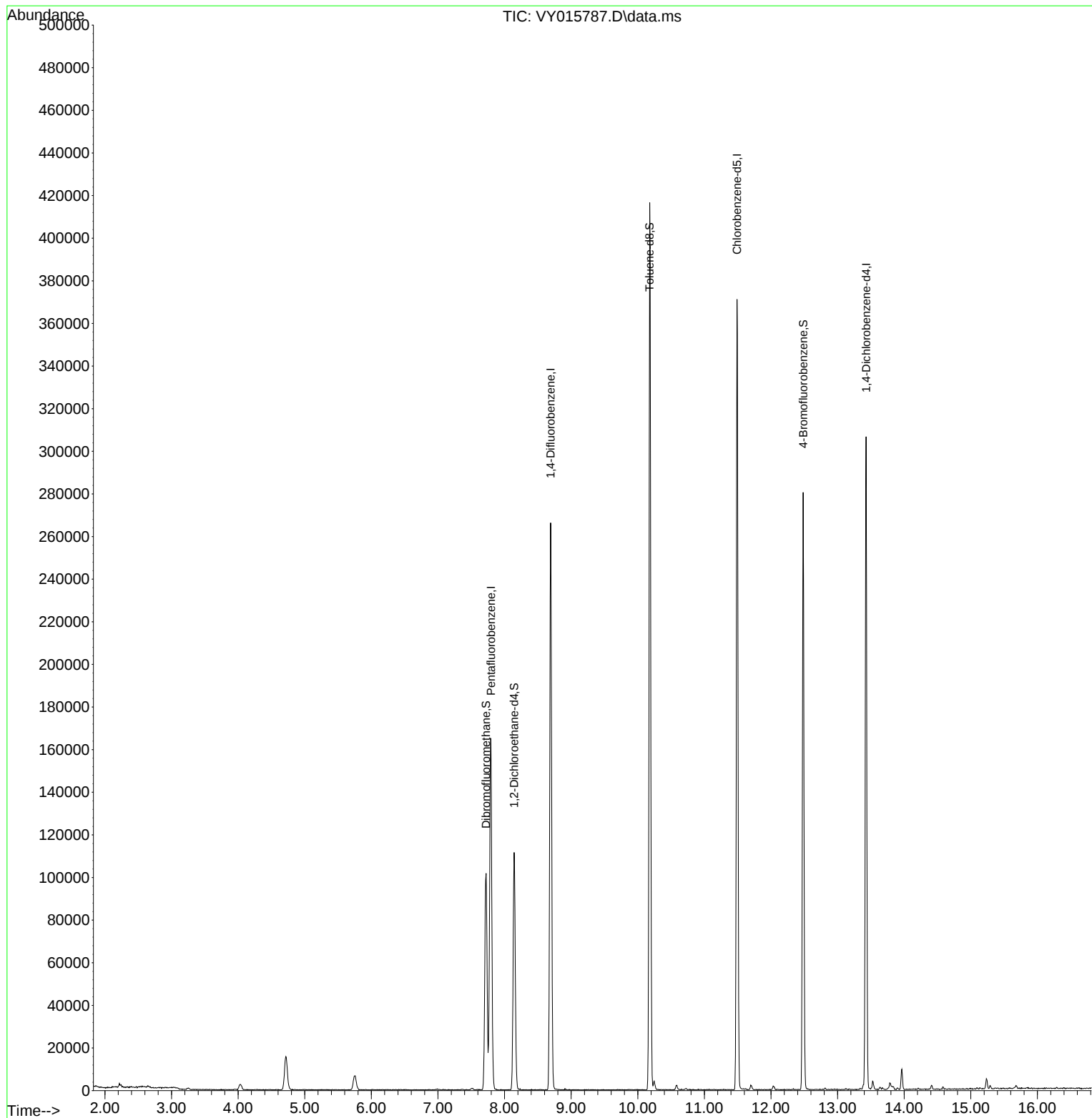
Target Compounds	Qvalue

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

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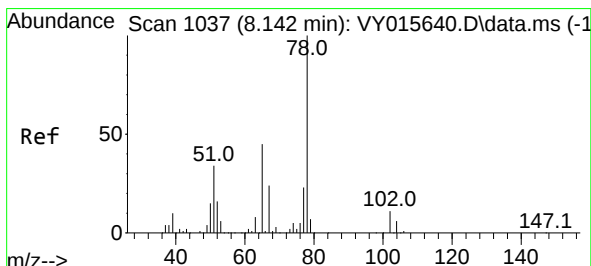
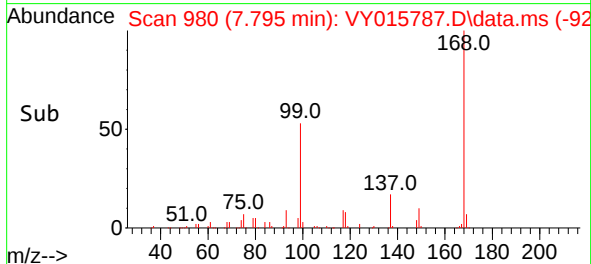
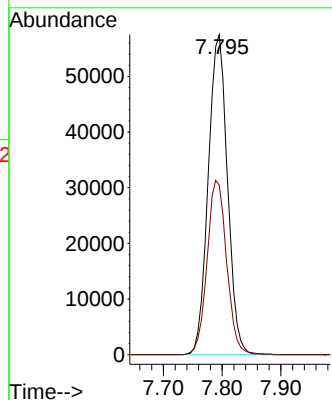
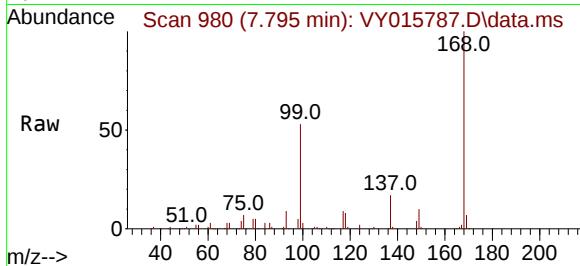




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015787.D
Acq: 02 Oct 2023 19:25

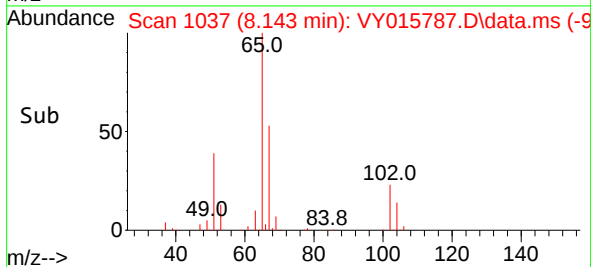
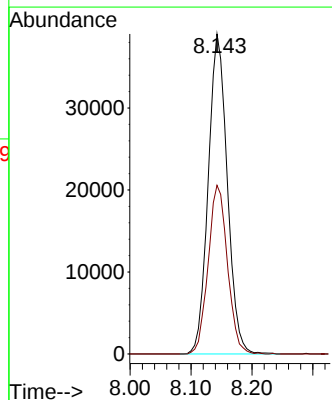
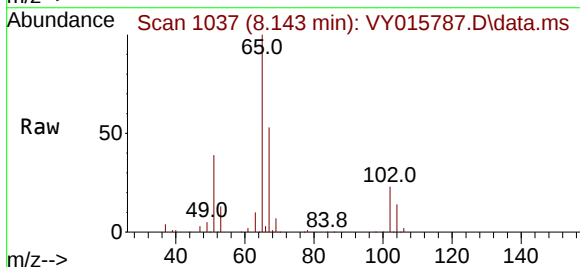
Instrument :
MSVOA_Y
ClientSampleId :
V-2(2-6IN)

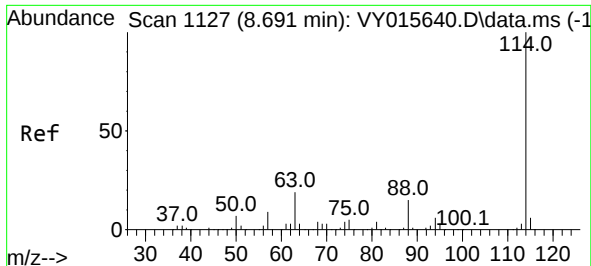
Tgt Ion:168 Resp: 130824
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 58.852 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY015787.D
Acq: 02 Oct 2023 19:25

Tgt Ion: 65 Resp: 84713
Ion Ratio Lower Upper
65 100
67 53.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015787.D

Acq: 02 Oct 2023 19:25

Instrument :

MSVOA_Y

ClientSampleId :

V-2(2-6IN)

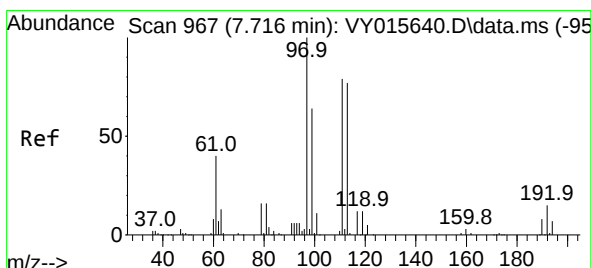
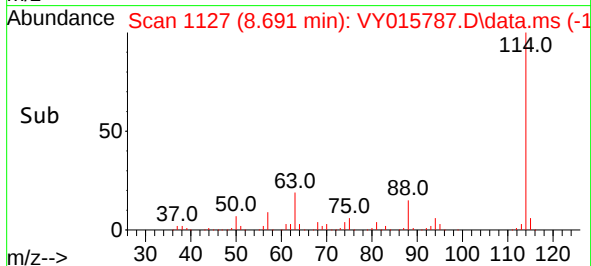
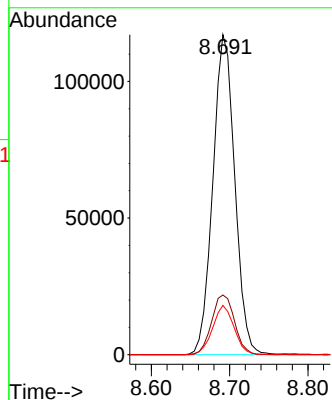
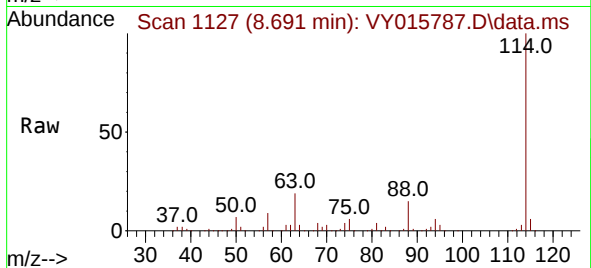
Tgt Ion:114 Resp: 227896

Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.161 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY015787.D

Acq: 02 Oct 2023 19:25

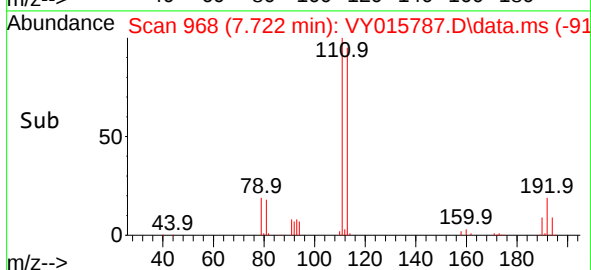
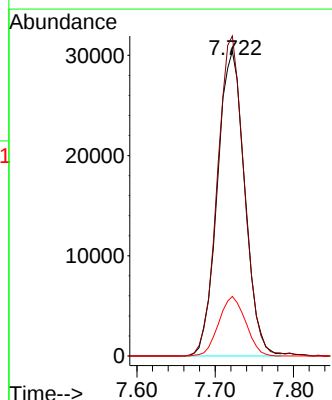
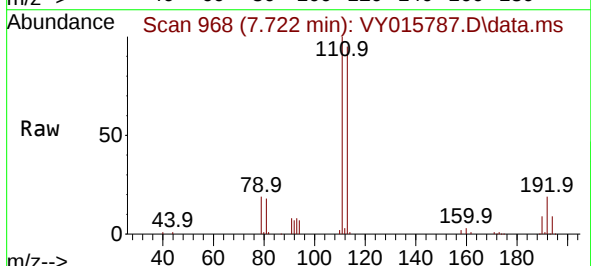
Tgt Ion:113 Resp: 73878

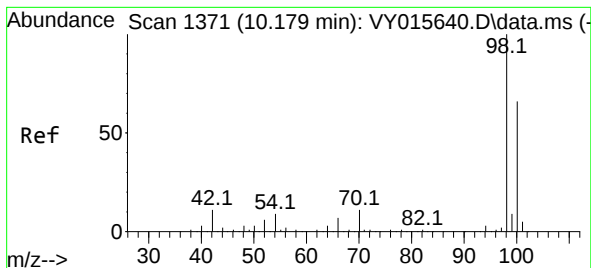
Ion Ratio Lower Upper

113 100

111 103.0 81.3 121.9

192 19.1 16.9 25.3





#50

Toluene-d8

Concen: 58.565 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015787.D

Acq: 02 Oct 2023 19:25

Instrument :

MSVOA_Y

ClientSampleId :

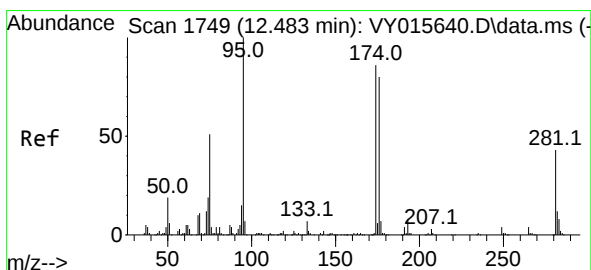
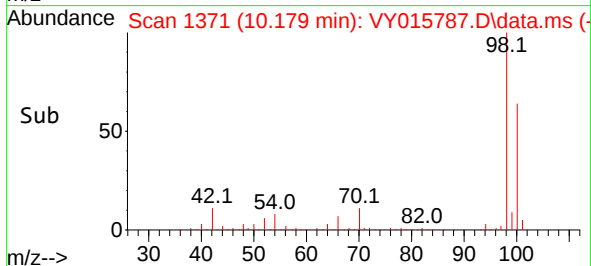
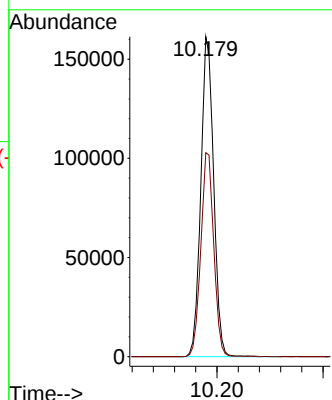
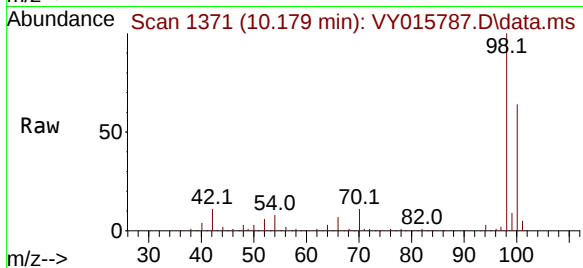
V-2(2-6IN)

Tgt Ion: 98 Resp: 270861

Ion Ratio Lower Upper

98 100

100 64.4 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 44.866 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015787.D

Acq: 02 Oct 2023 19:25

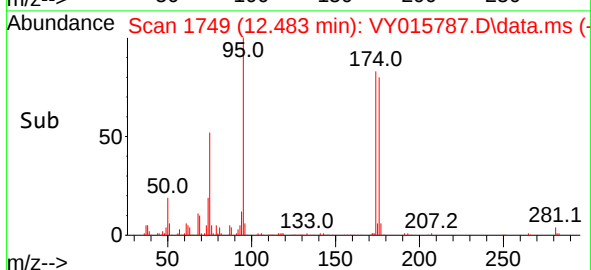
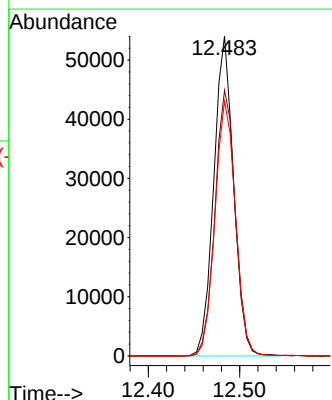
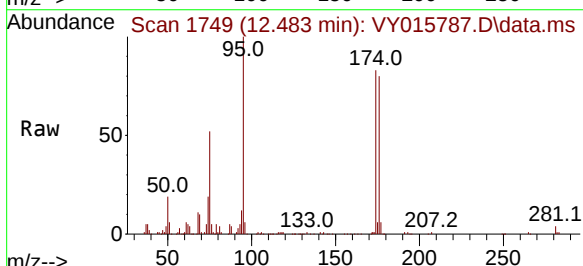
Tgt Ion: 95 Resp: 81431

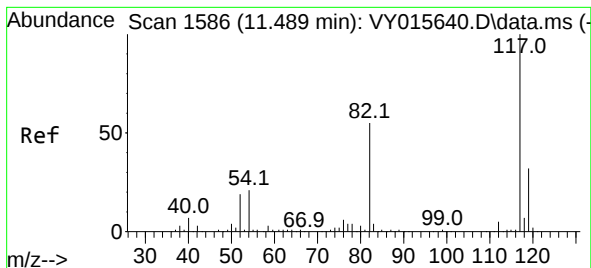
Ion Ratio Lower Upper

95 100

174 85.7 0.0 178.2

176 82.3 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: VY015787.D

Acq: 02 Oct 2023 19:25

Instrument :

MSVOA_Y

ClientSampleId :

V-2(2-6IN)

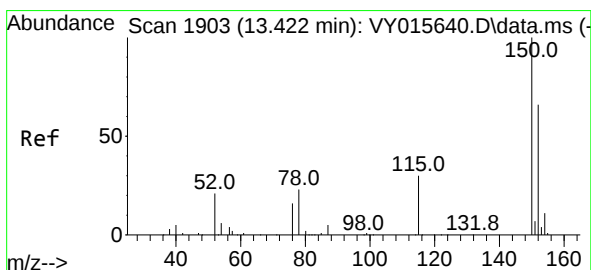
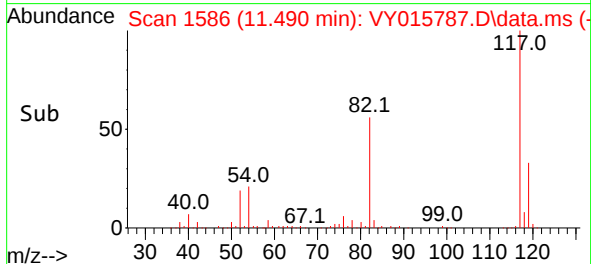
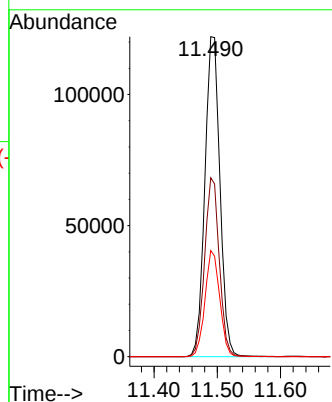
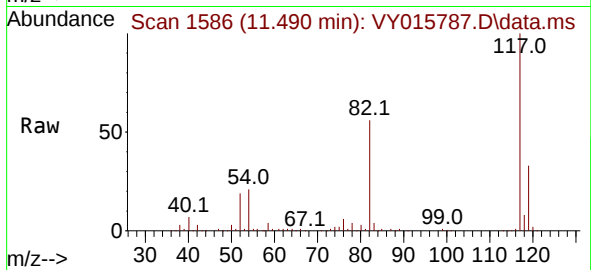
Tgt Ion:117 Resp: 202792

Ion Ratio Lower Upper

117 100

82 55.9 43.4 65.0

119 33.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015787.D

Acq: 02 Oct 2023 19:25

Tgt Ion:152 Resp: 78765

Ion Ratio Lower Upper

152 100

115 57.3 28.8 86.5

150 157.7 0.0 348.8

