

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
 Data File : VY016995.D
 Acq On : 12 Jan 2024 16:08
 Operator : SY/MD
 Sample : P1132-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR200027

Quant Time: Jan 13 00:07:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	105934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	226881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	217088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	81887	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	50255	47.999	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.000%
35) Dibromofluoromethane	7.734	113	54157	37.459	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.920%
50) Toluene-d8	10.197	98	197022	39.574	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.140%
62) 4-Bromofluorobenzene	12.495	95	62059	36.947	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.900%

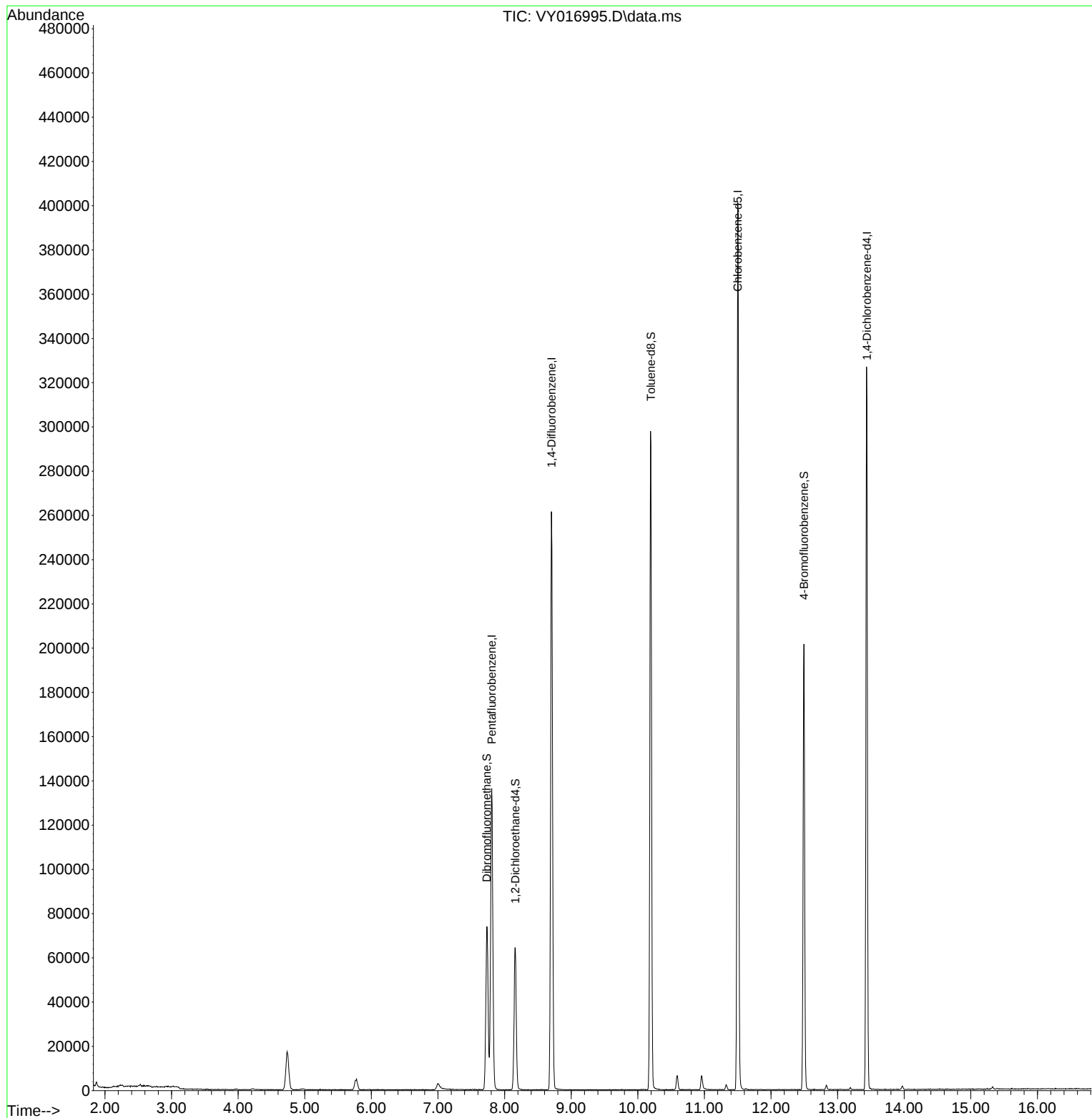
Target Compounds	Qvalue

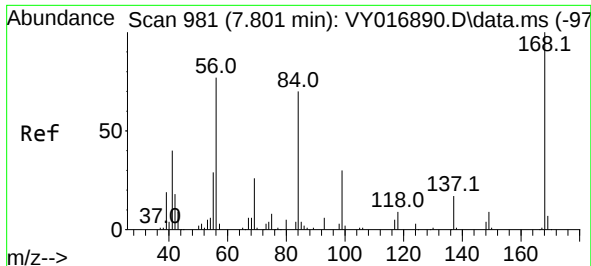
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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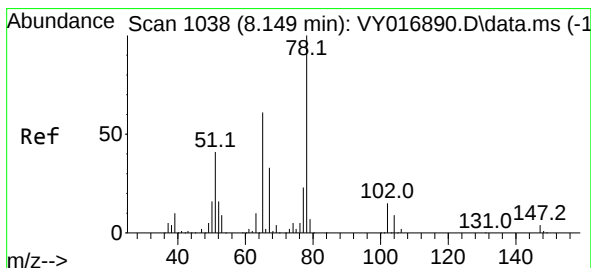
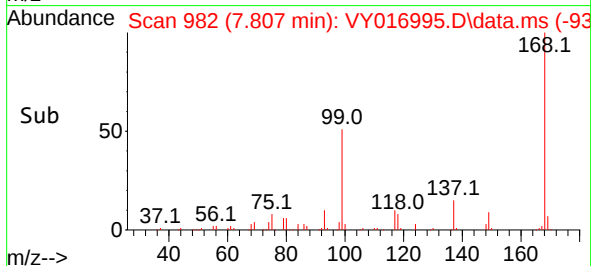
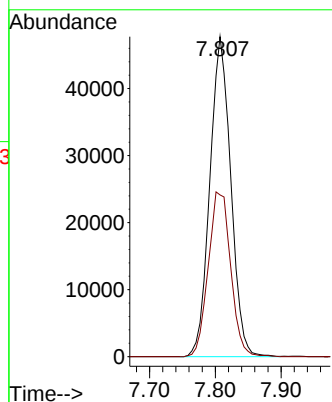
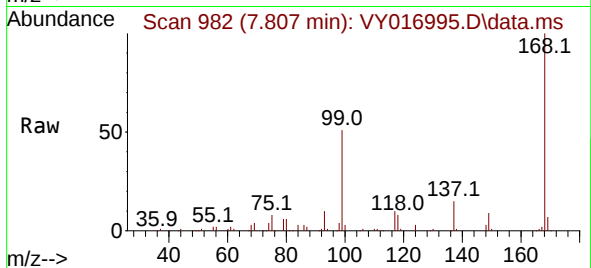




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016995.D
Acq: 12 Jan 2024 16:08

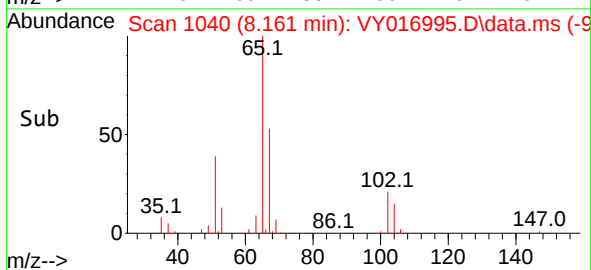
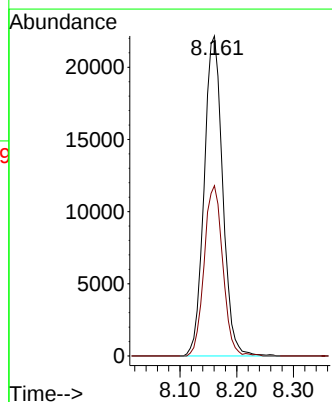
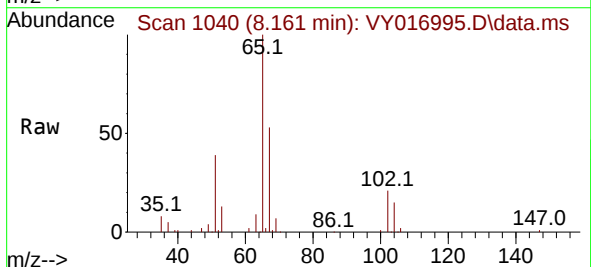
Instrument :
MSVOA_Y
ClientSampleId :
RBR200027

Tgt Ion:168 Resp: 105934
Ion Ratio Lower Upper
168 100
99 50.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 47.999 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016995.D
Acq: 12 Jan 2024 16:08

Tgt Ion: 65 Resp: 50255
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY016995.D

Acq: 12 Jan 2024 16:08

Instrument :

MSVOA_Y

ClientSampleId :

RBR200027

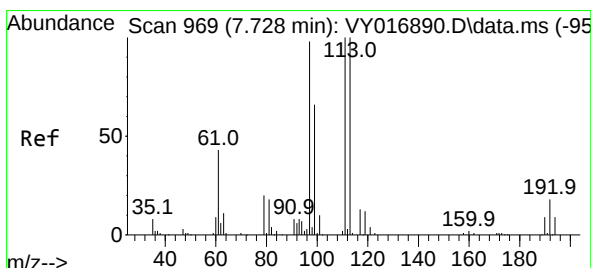
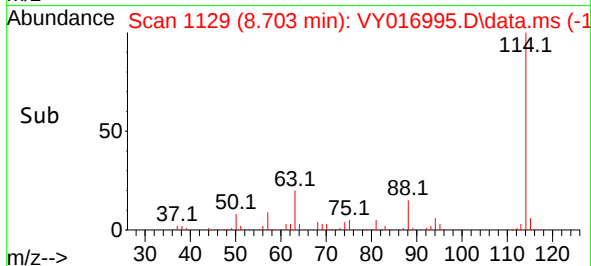
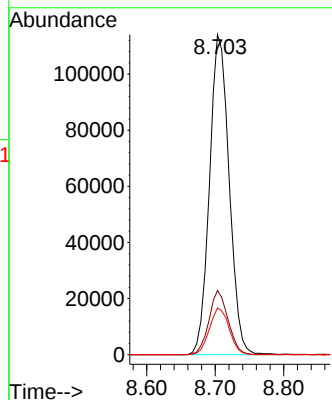
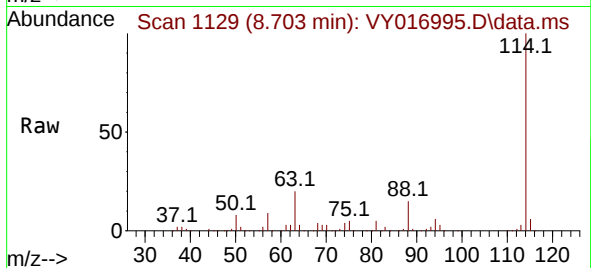
Tgt Ion:114 Resp: 226881

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 14.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 37.459 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016995.D

Acq: 12 Jan 2024 16:08

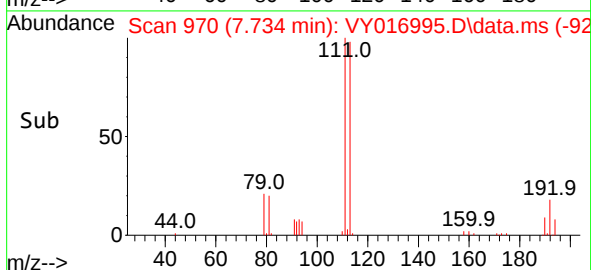
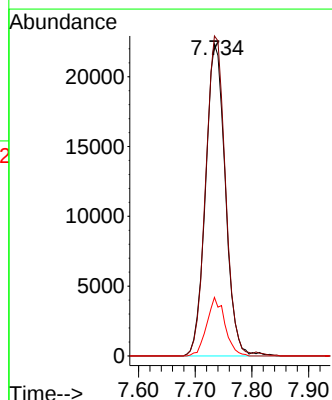
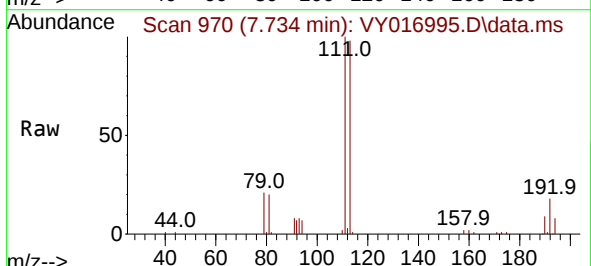
Tgt Ion:113 Resp: 54157

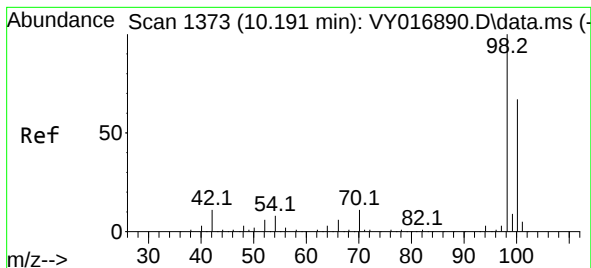
Ion Ratio Lower Upper

113 100

111 101.8 83.8 125.6

192 17.3 14.5 21.7





#50

Toluene-d8

Concen: 39.574 ug/l

RT: 10.197 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016995.D

Acq: 12 Jan 2024 16:08

Instrument :

MSVOA_Y

ClientSampleId :

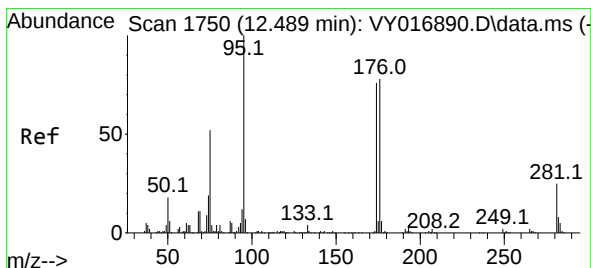
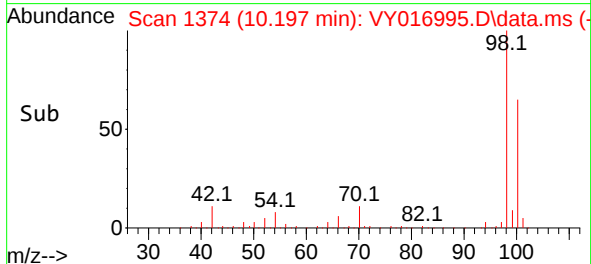
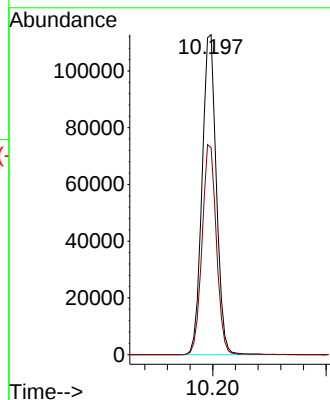
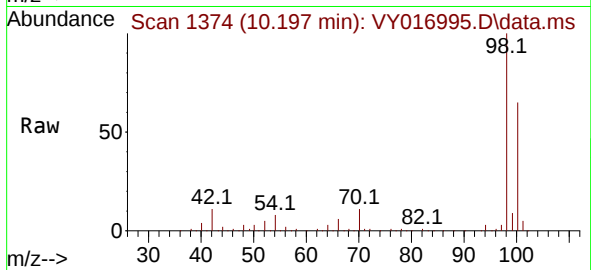
RBR200027

Tgt Ion: 98 Resp: 197022

Ion Ratio Lower Upper

98 100

100 65.8 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 36.947 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016995.D

Acq: 12 Jan 2024 16:08

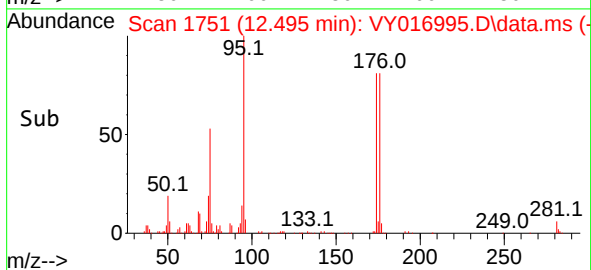
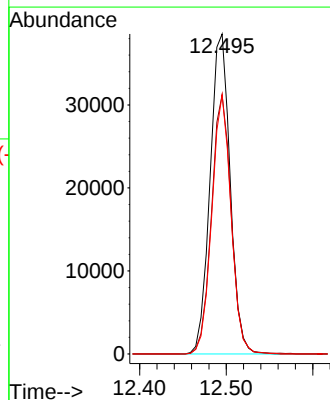
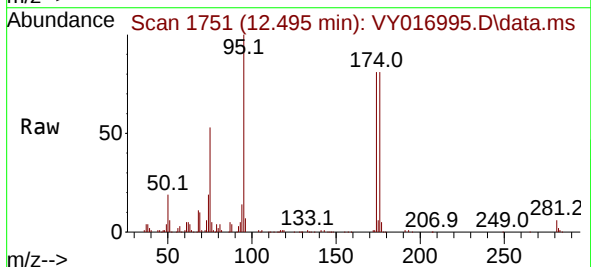
Tgt Ion: 95 Resp: 62059

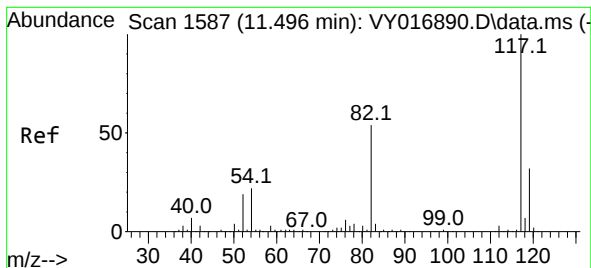
Ion Ratio Lower Upper

95 100

174 79.6 0.0 160.0

176 77.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016995.D

Acq: 12 Jan 2024 16:08

Instrument :

MSVOA_Y

ClientSampleId :

RBR200027

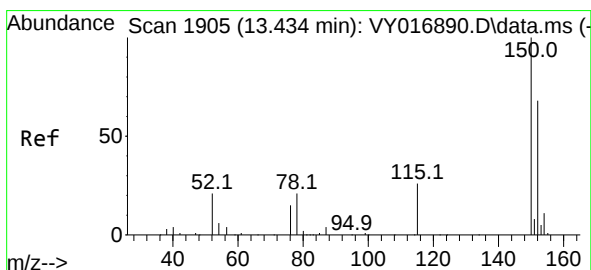
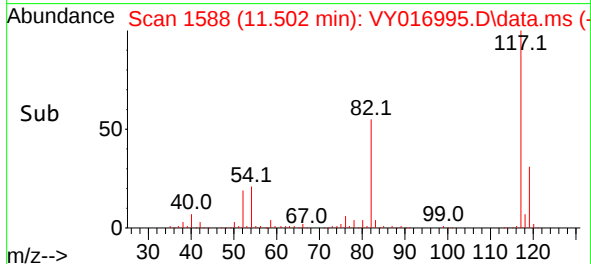
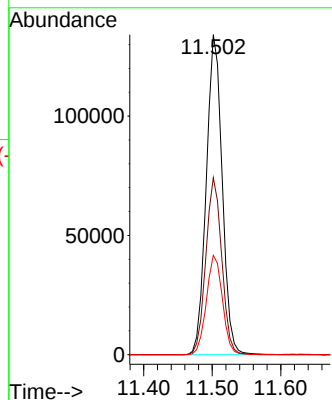
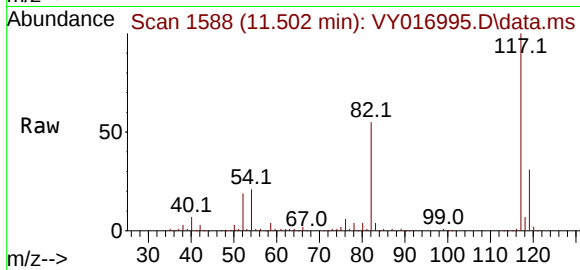
Tgt Ion:117 Resp: 217088

Ion Ratio Lower Upper

117 100

82 55.3 43.8 65.8

119 31.1 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016995.D

Acq: 12 Jan 2024 16:08

Tgt Ion:152 Resp: 81887

Ion Ratio Lower Upper

152 100

115 58.2 30.0 90.0

150 155.8 0.0 344.6

