

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
 Data File : VY017490.D
 Acq On : 27 Feb 2024 12:33
 Operator : SY/MD
 Sample : VY0227SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0227SBL01

Quant Time: Feb 28 00:13:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	138434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	234177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	202932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86449	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	69515	52.985	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.960%
35) Dibromofluoromethane	7.716	113	79882	48.953	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.900%
50) Toluene-d8	10.185	98	282406	49.498	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.000%
62) 4-Bromofluorobenzene	12.483	95	80271	44.767	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.540%

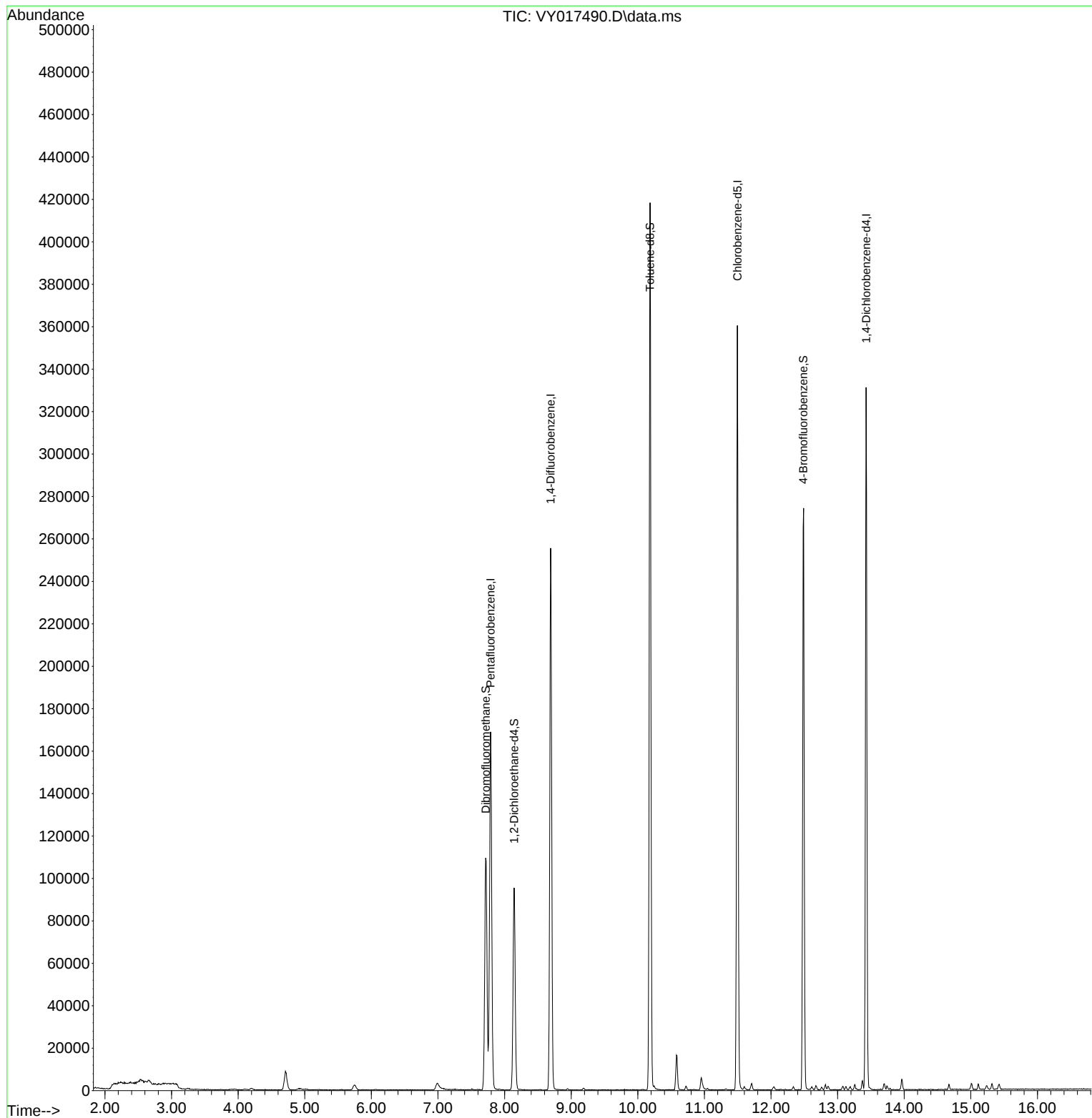
Target Compounds	Qvalue

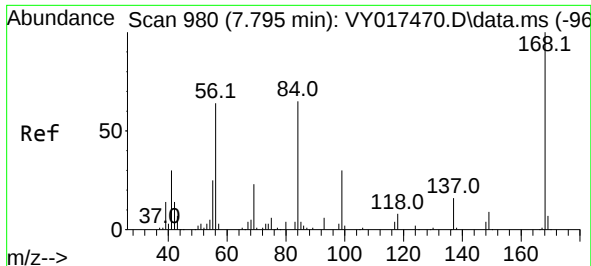
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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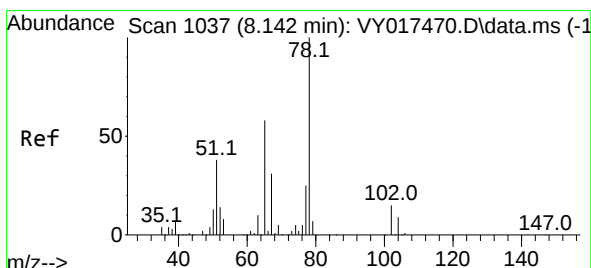
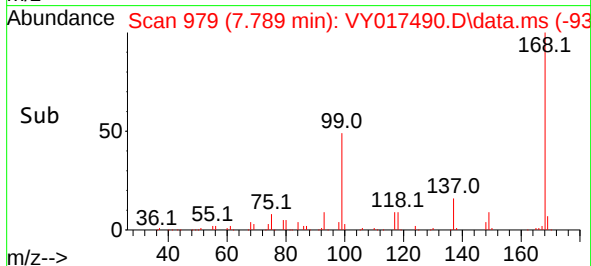
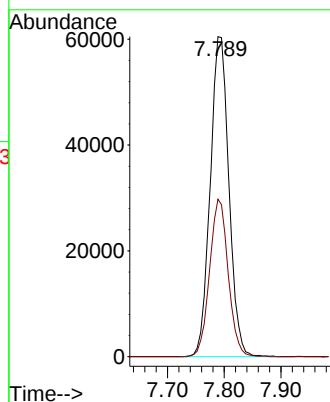
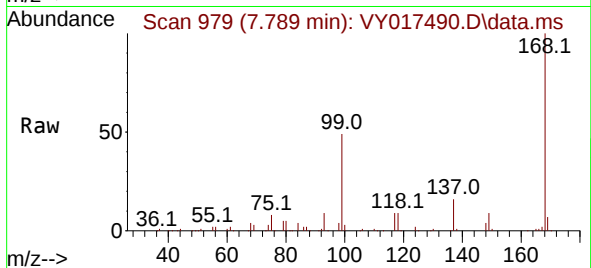




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017490.D
Acq: 27 Feb 2024 12:33

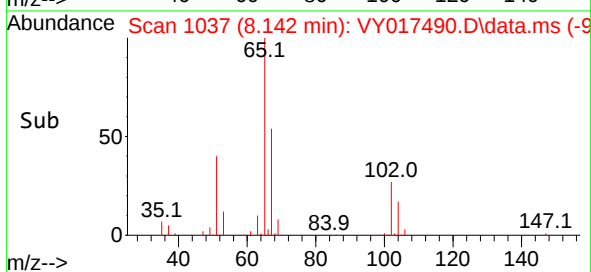
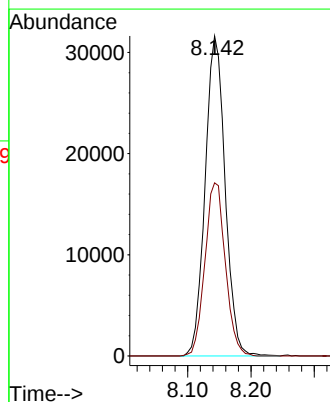
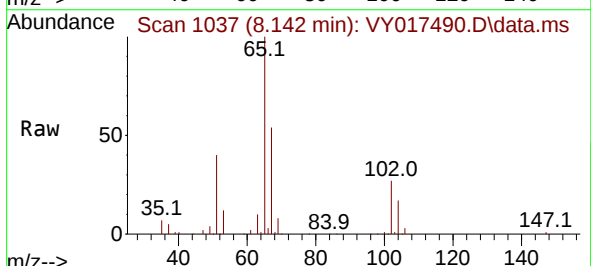
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBL01

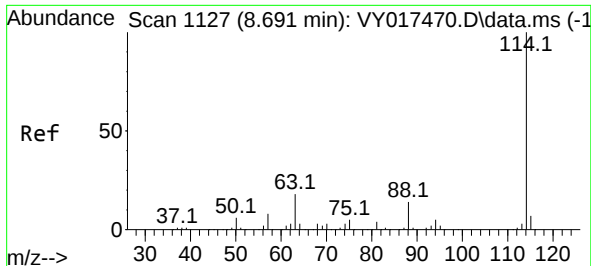
Tgt Ion:168 Resp: 138434
Ion Ratio Lower Upper
168 100
99 49.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 52.985 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017490.D
Acq: 27 Feb 2024 12:33

Tgt Ion: 65 Resp: 69515
Ion Ratio Lower Upper
65 100
67 55.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017490.D

Acq: 27 Feb 2024 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBL01

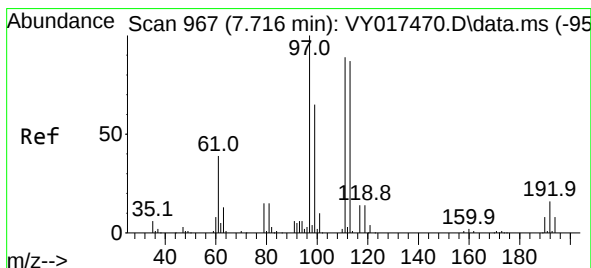
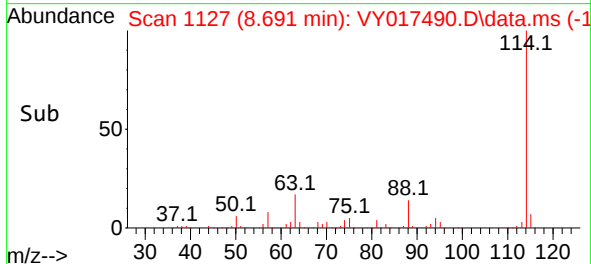
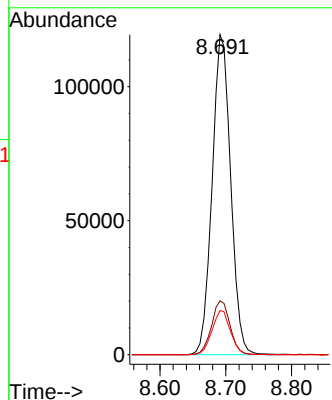
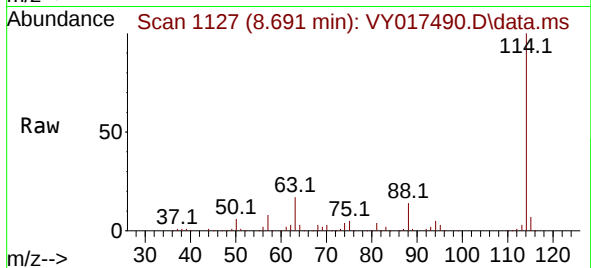
Tgt Ion:114 Resp: 234177

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 13.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.953 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017490.D

Acq: 27 Feb 2024 12:33

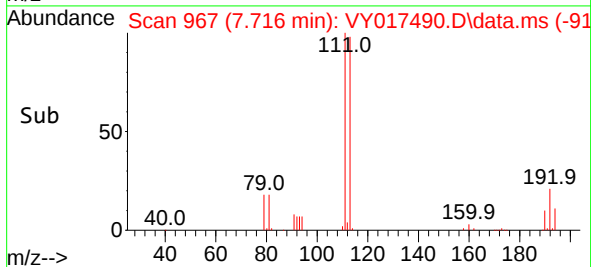
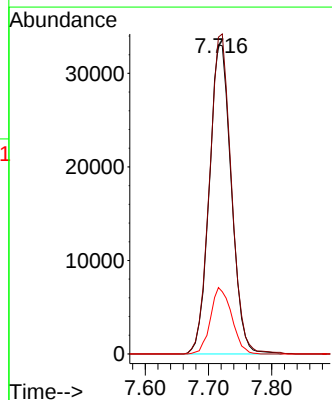
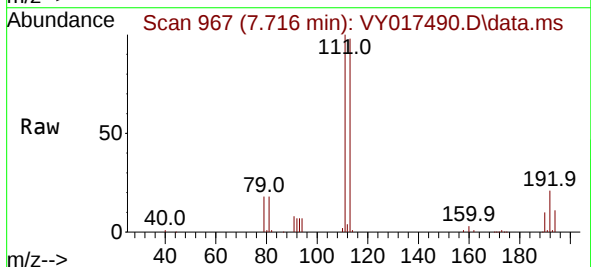
Tgt Ion:113 Resp: 79882

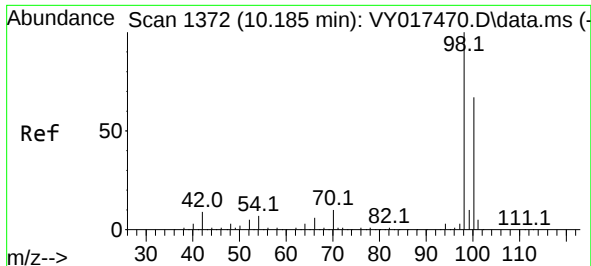
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

192 20.7 15.9 23.9

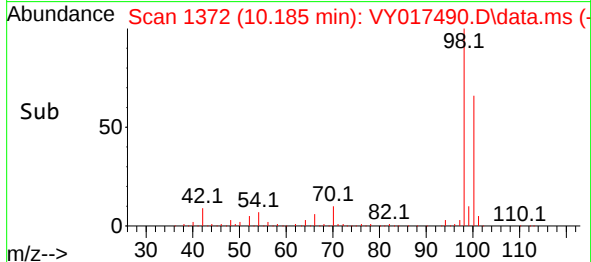
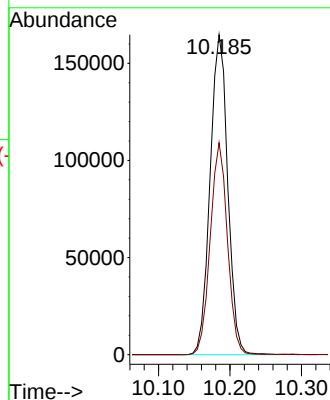
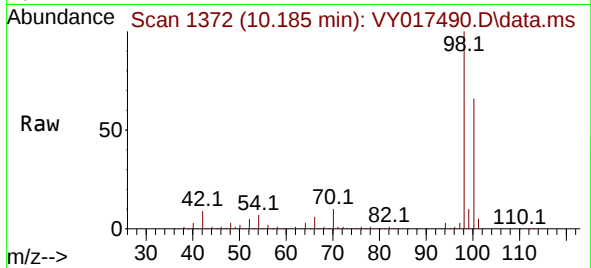




#50
Toluene-d8
Concen: 49.498 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017490.D
Acq: 27 Feb 2024 12:33

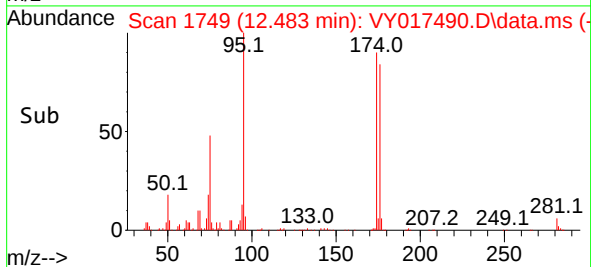
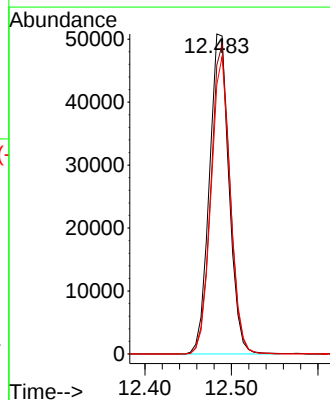
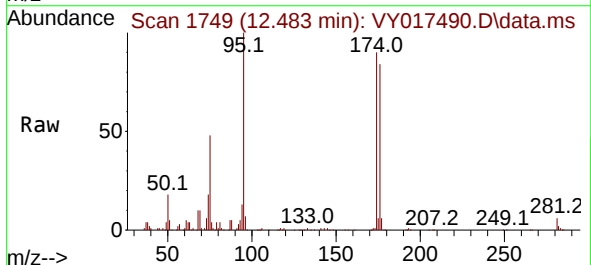
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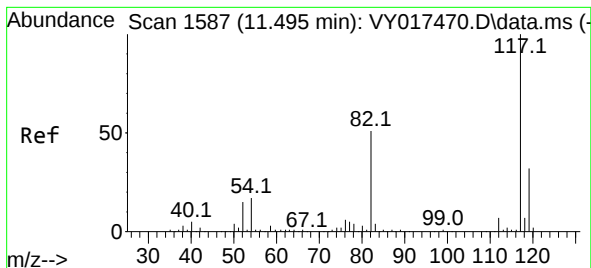
Tgt Ion: 98 Resp: 282406
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.767 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017490.D
Acq: 27 Feb 2024 12:33

Tgt Ion: 95 Resp: 80271
Ion Ratio Lower Upper
95 100
174 94.4 0.0 175.6
176 90.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017490.D

Acq: 27 Feb 2024 12:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBL01

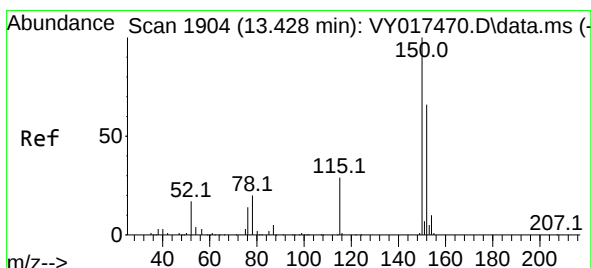
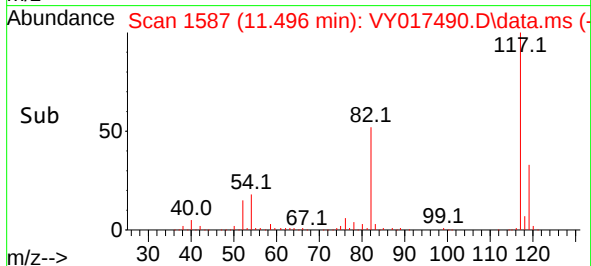
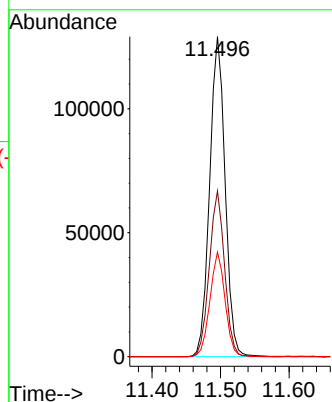
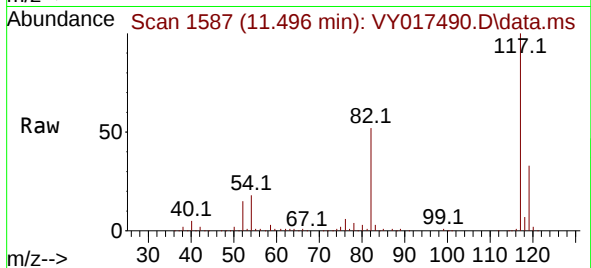
Tgt Ion:117 Resp: 202932

Ion Ratio Lower Upper

117 100

82 51.8 42.4 63.6

119 32.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017490.D

Acq: 27 Feb 2024 12:33

Tgt Ion:152 Resp: 86449

Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.7

150 158.1 0.0 345.6

