

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017682.D
 Acq On : 15 Mar 2024 18:56
 Operator : SY/MD
 Sample : P1746-06
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-0-2.0

Quant Time: Mar 16 00:20:34 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	94736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	168086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	157289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	47413	52.808	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.620%
35) Dibromofluoromethane	7.722	113	57111	48.760	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.520%
50) Toluene-d8	10.185	98	192835	47.088	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.180%
62) 4-Bromofluorobenzene	12.483	95	55949	43.472	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.940%

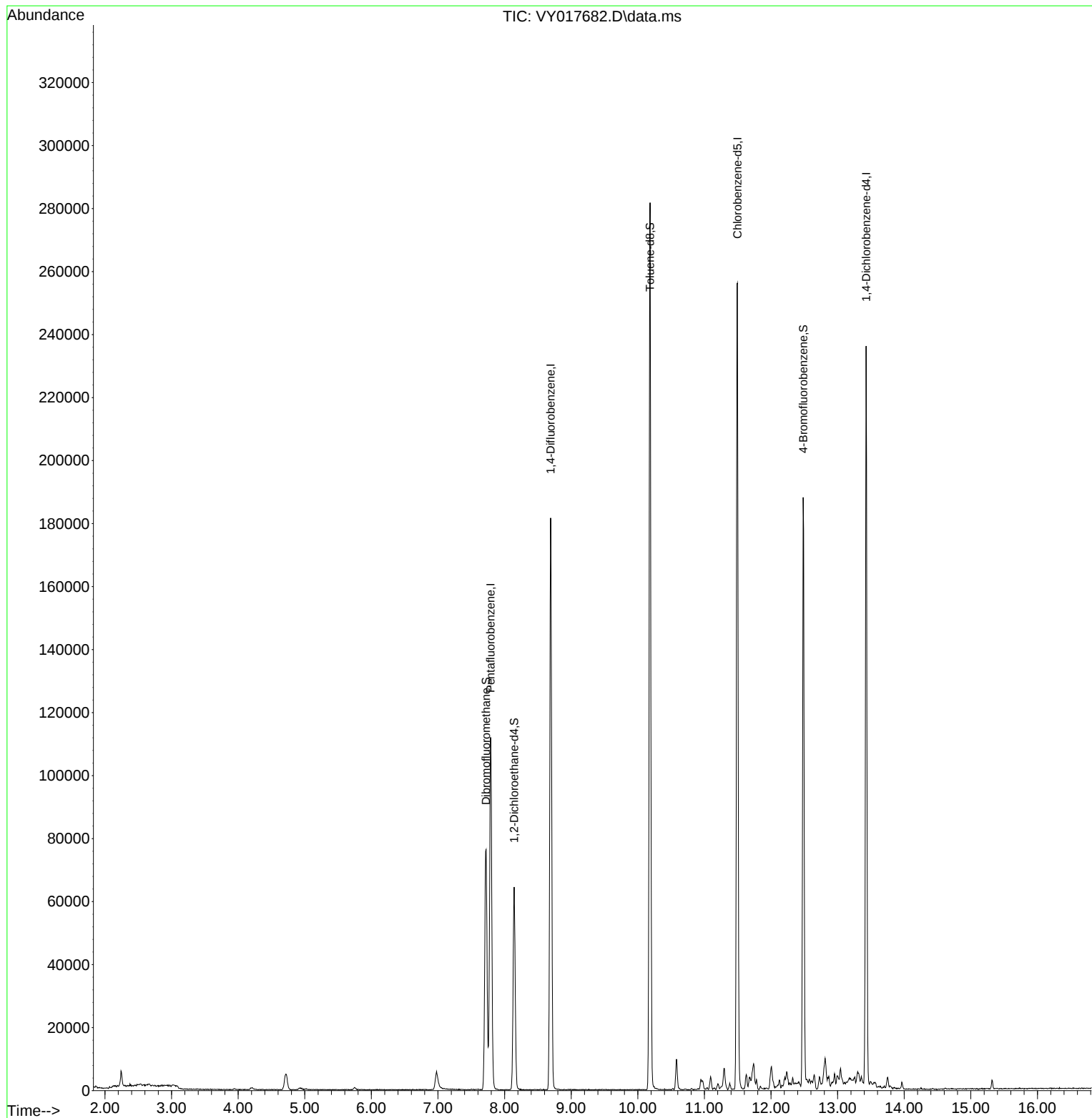
Target Compounds	Qvalue

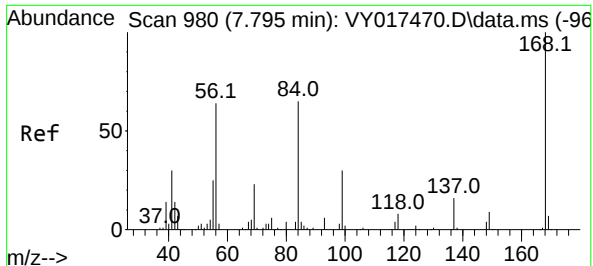
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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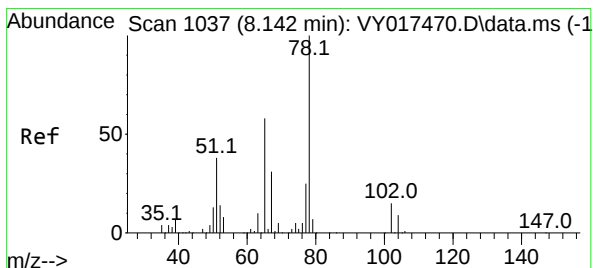
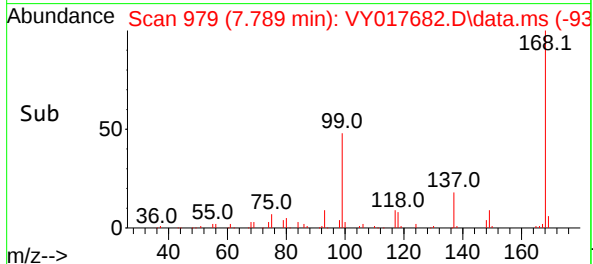
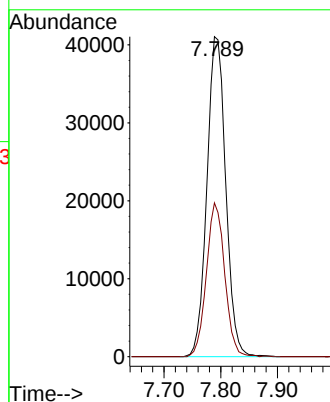
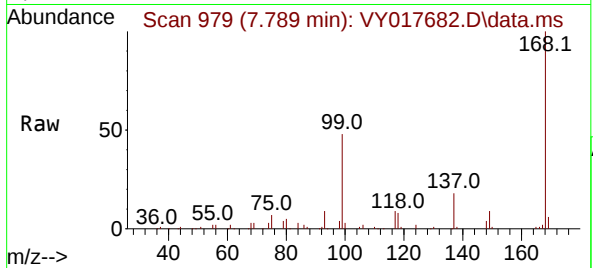




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017682.D
Acq: 15 Mar 2024 18:56

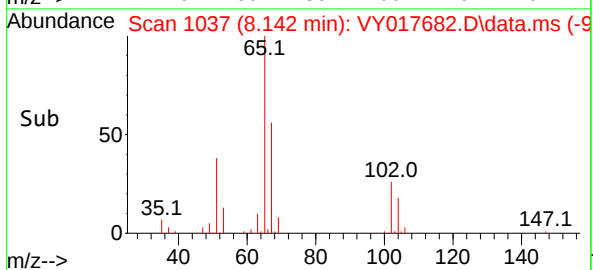
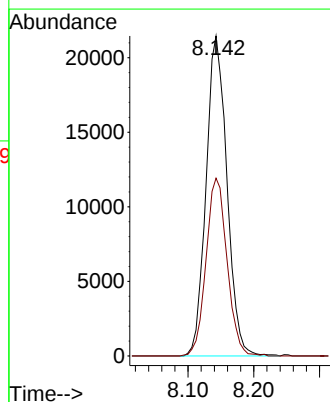
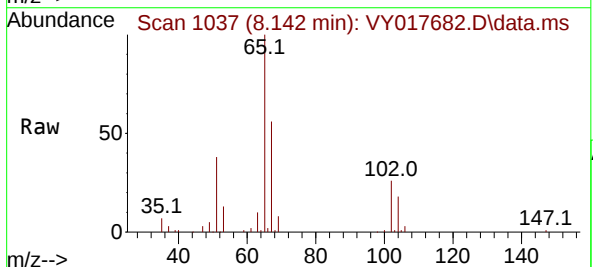
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0

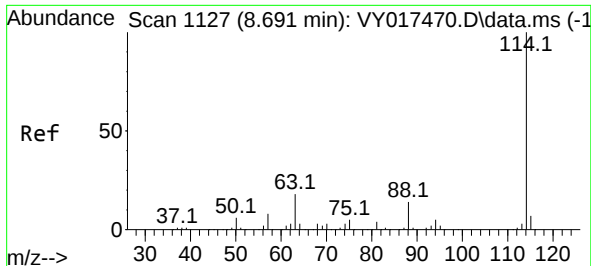
Tgt Ion:168 Resp: 94736
Ion Ratio Lower Upper
168 100
99 48.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 52.808 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017682.D
Acq: 15 Mar 2024 18:56

Tgt Ion: 65 Resp: 47413
Ion Ratio Lower Upper
65 100
67 55.8 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: VY017682.D

Acq: 15 Mar 2024 18:56

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-0-2.0

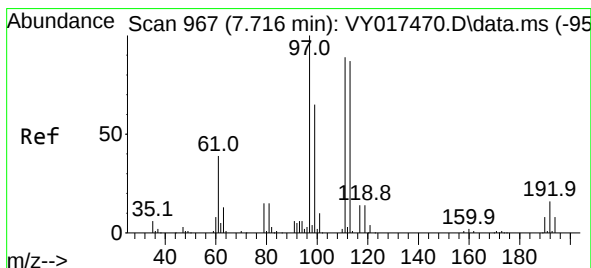
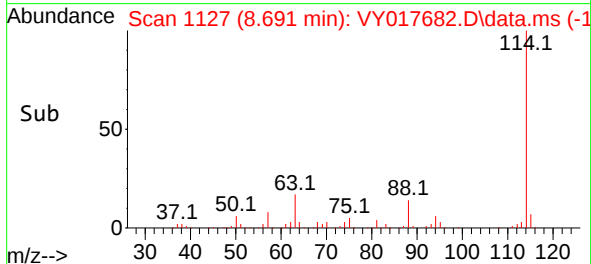
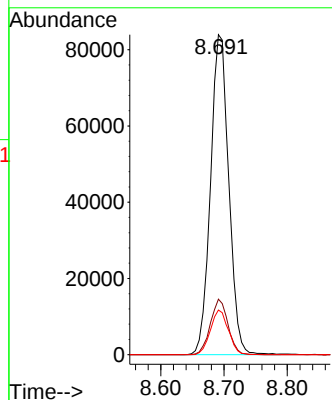
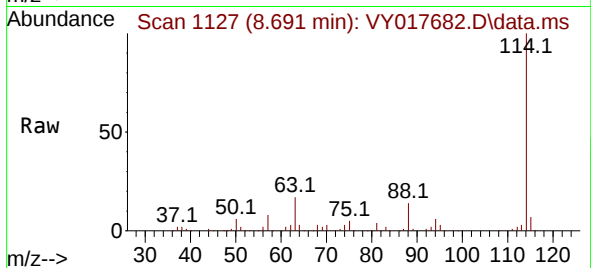
Tgt Ion:114 Resp: 168086

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.760 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017682.D

Acq: 15 Mar 2024 18:56

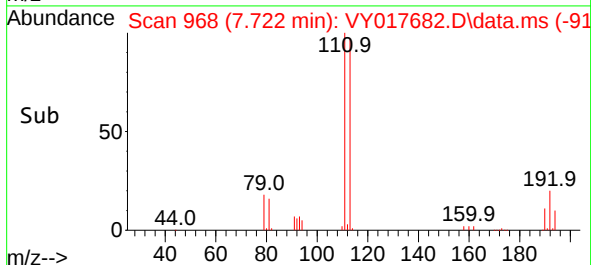
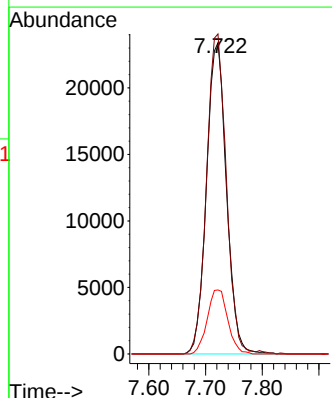
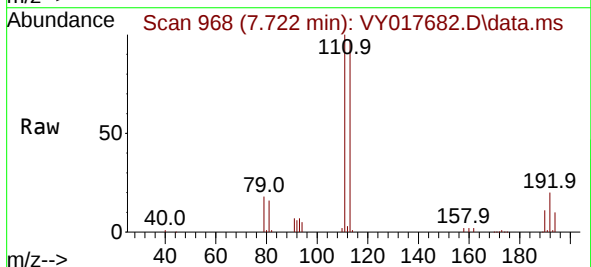
Tgt Ion:113 Resp: 57111

Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.4

192 21.1 15.9 23.9

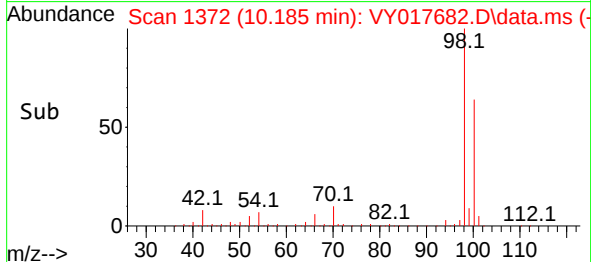
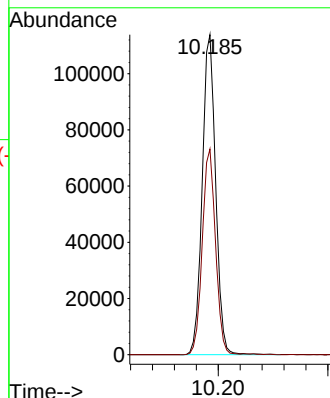
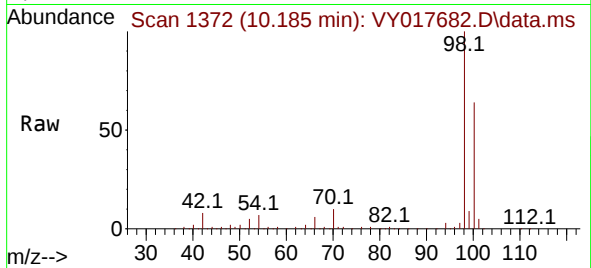




#50
Toluene-d8
Concen: 47.088 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017682.D
Acq: 15 Mar 2024 18:56

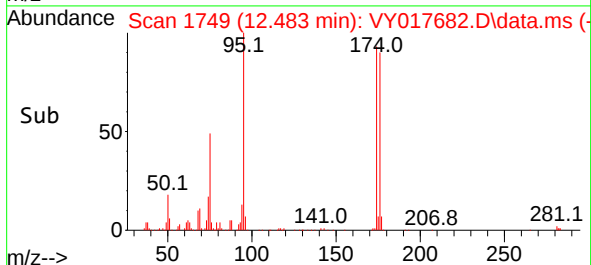
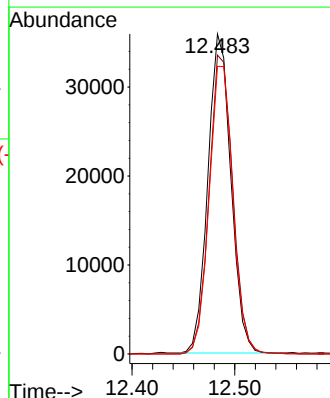
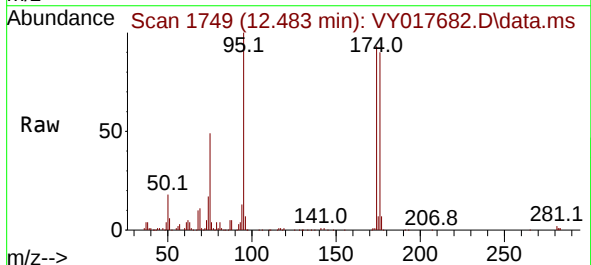
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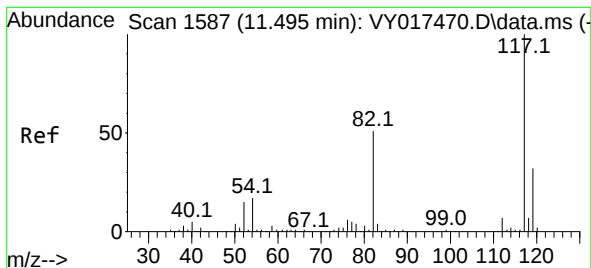
Tgt Ion: 98 Resp: 192835
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.472 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017682.D
Acq: 15 Mar 2024 18:56

Tgt Ion: 95 Resp: 55949
Ion Ratio Lower Upper
95 100
174 96.5 0.0 175.6
176 93.3 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: VY017682.D

Acq: 15 Mar 2024 18:56

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-0-2.0

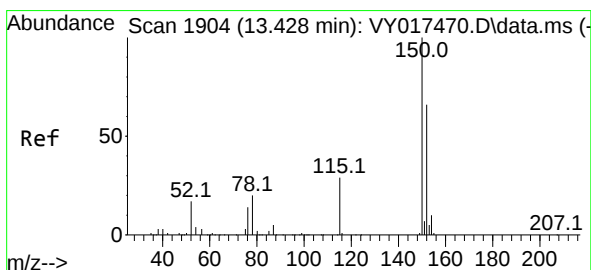
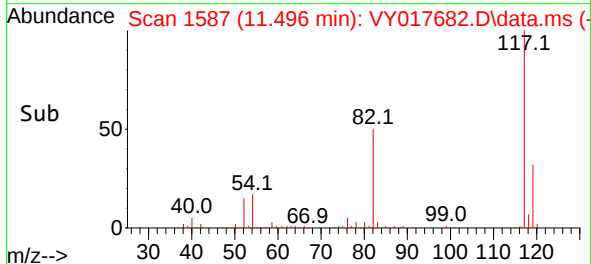
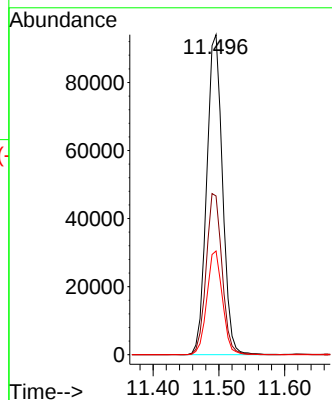
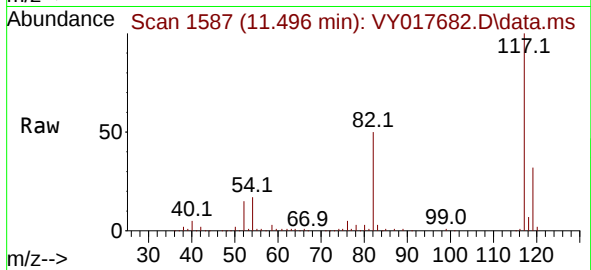
Tgt Ion:117 Resp: 157289

Ion Ratio Lower Upper

117 100

82 49.6 42.4 63.6

119 32.4 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: VY017682.D

Acq: 15 Mar 2024 18:56

Tgt Ion:152 Resp: 62883

Ion Ratio Lower Upper

152 100

115 53.8 28.2 84.7

150 153.7 0.0 345.6

