

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
 Data File : VY017493.D
 Acq On : 27 Feb 2024 13:53
 Operator : SY/MD
 Sample : P1602-04
 Misc : 3.26g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2

Quant Time: Feb 28 00:15:38 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	7.783	168	131645	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	231229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	204697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	76549	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	62553	50.137	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.280%
35) Dibromofluoromethane	7.710	113	73629	45.696	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.400%
50) Toluene-d8	10.179	98	261087	46.344	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.680%
62) 4-Bromofluorobenzene	12.483	95	70335	39.726	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.460%

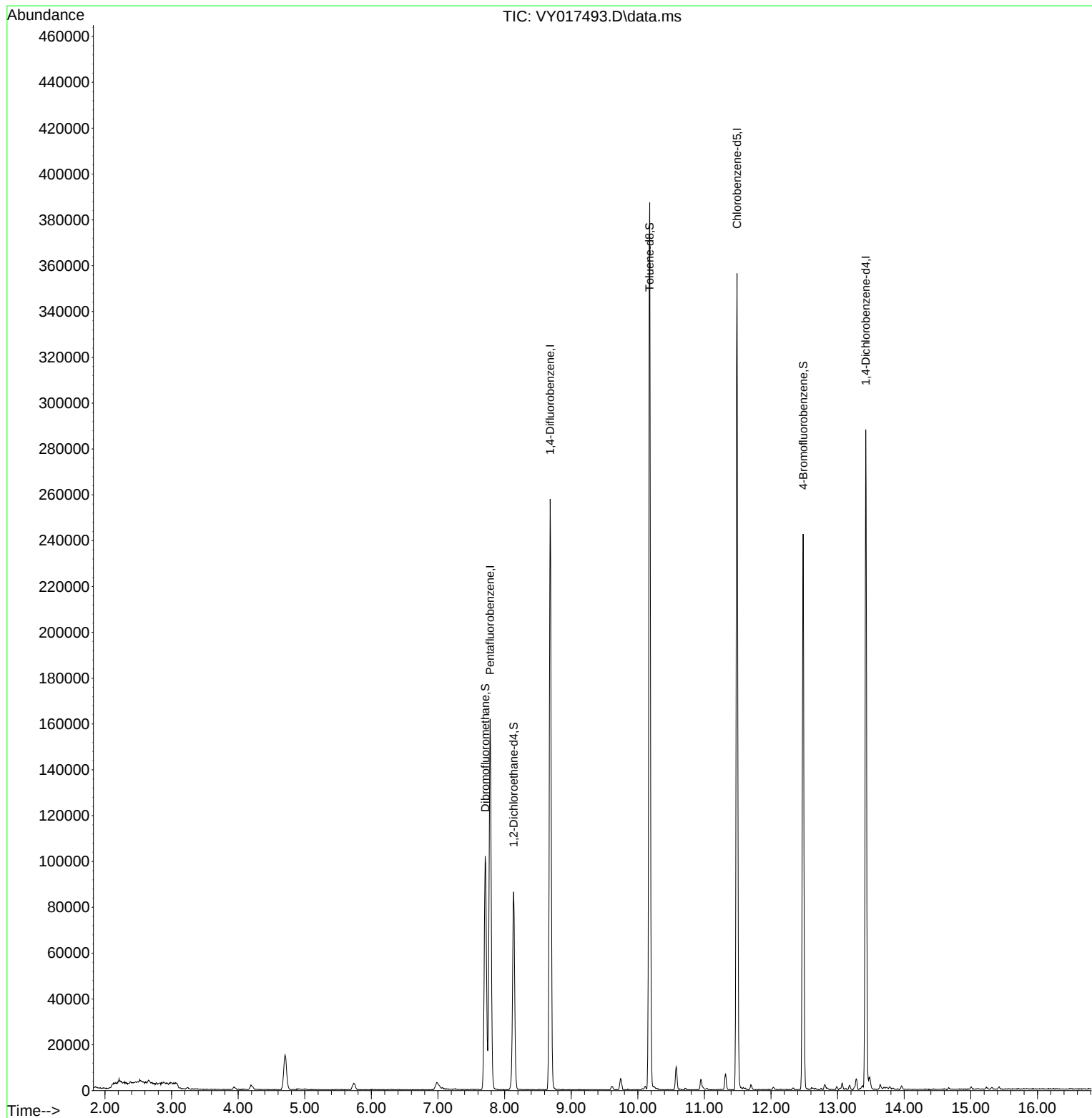
Target Compounds	Qvalue

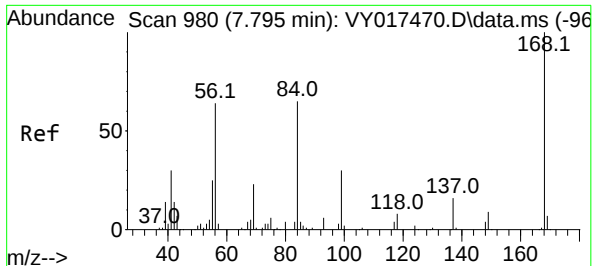
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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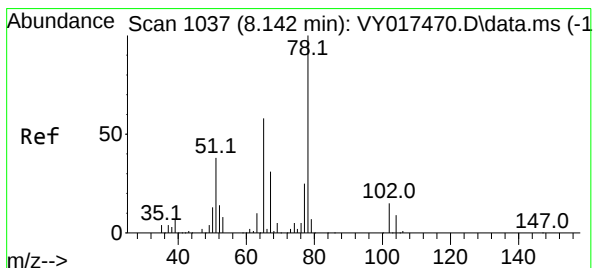
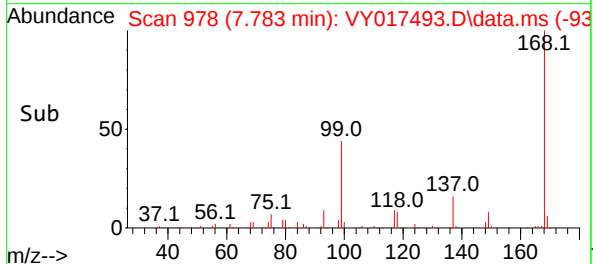
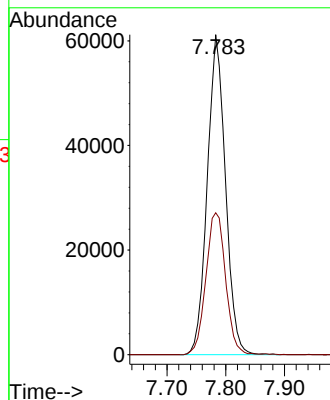
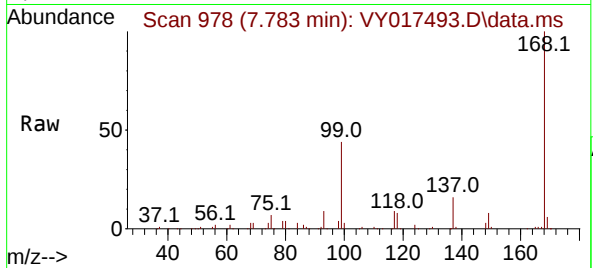




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017493.D
Acq: 27 Feb 2024 13:53

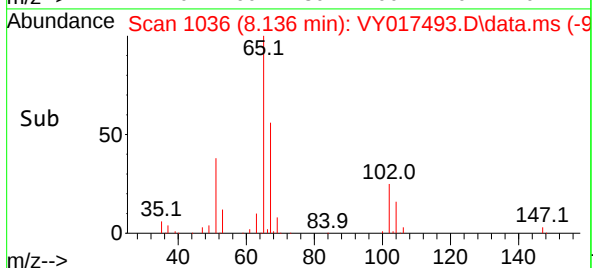
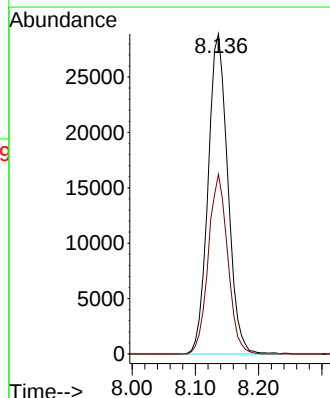
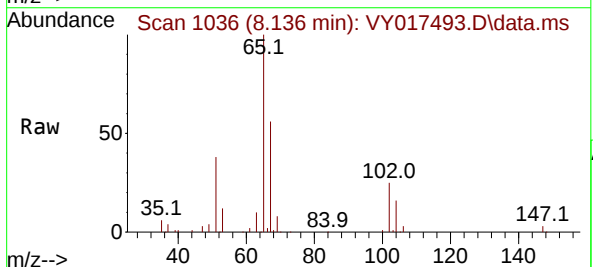
Instrument :
MSVOA_Y
ClientSampleId :
WC-2

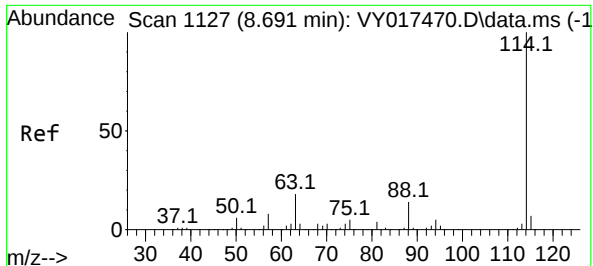
Tgt Ion:168 Resp: 131645
Ion Ratio Lower Upper
168 100
99 44.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 50.137 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017493.D
Acq: 27 Feb 2024 13:53

Tgt Ion: 65 Resp: 62553
Ion Ratio Lower Upper
65 100
67 55.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY017493.D

Acq: 27 Feb 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

WC-2

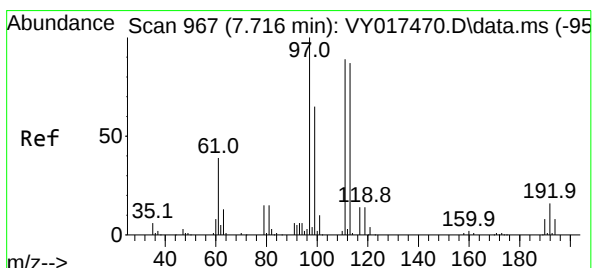
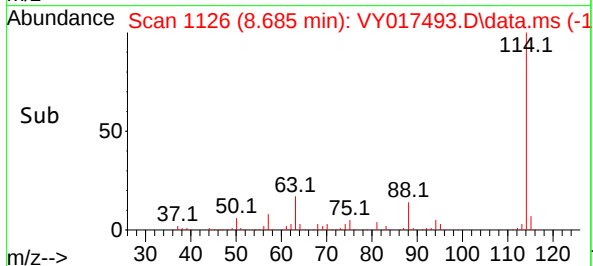
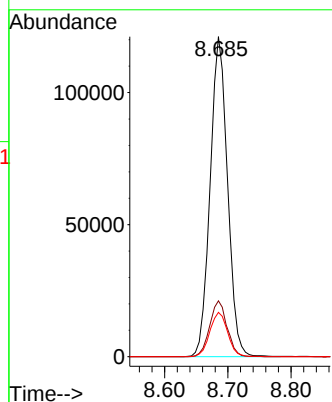
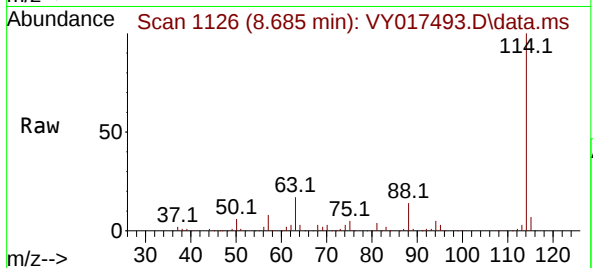
Tgt Ion:114 Resp: 231229

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 45.696 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY017493.D

Acq: 27 Feb 2024 13:53

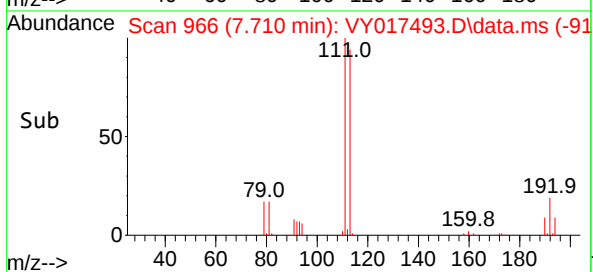
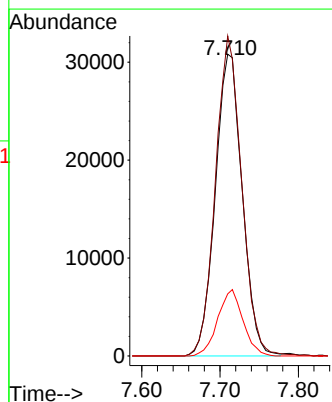
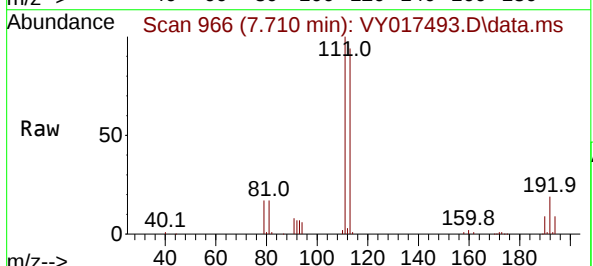
Tgt Ion:113 Resp: 73629

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

192 20.7 15.9 23.9

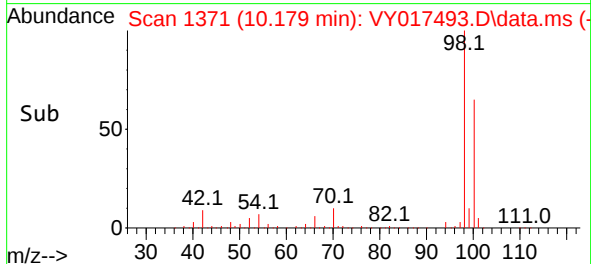
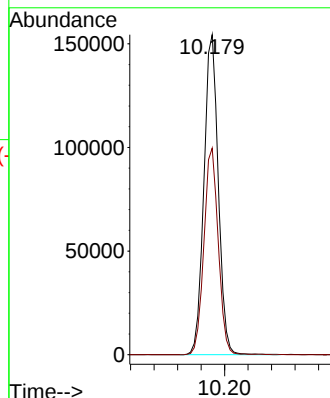
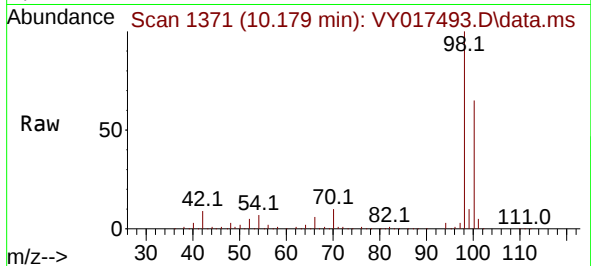




#50
Toluene-d8
Concen: 46.344 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017493.D
Acq: 27 Feb 2024 13:53

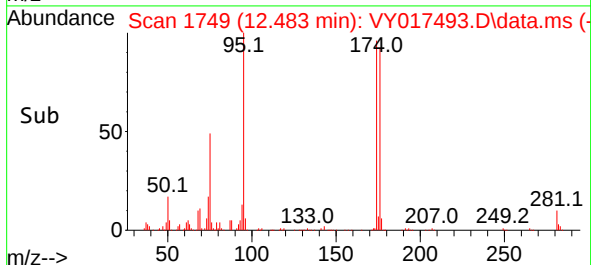
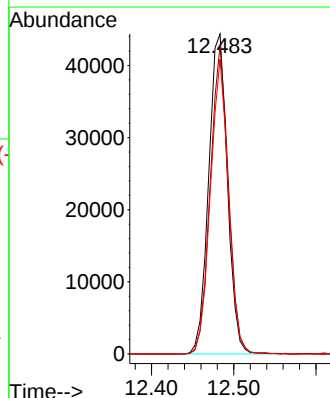
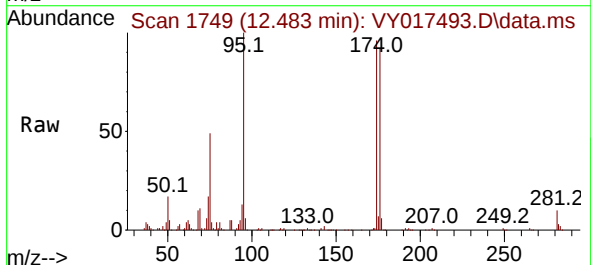
Instrument :
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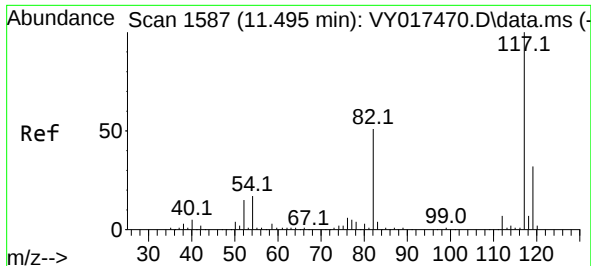
Tgt Ion: 98 Resp: 261087
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.726 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017493.D
Acq: 27 Feb 2024 13:53

Tgt Ion: 95 Resp: 70335
Ion Ratio Lower Upper
95 100
174 93.5 0.0 175.6
176 88.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017493.D

Acq: 27 Feb 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

WC-2

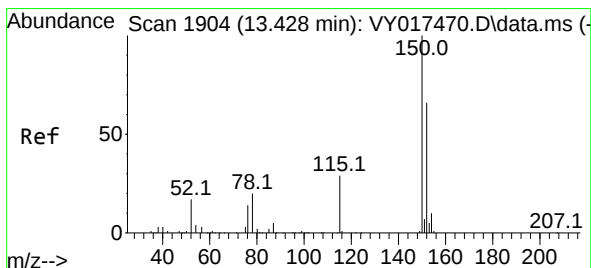
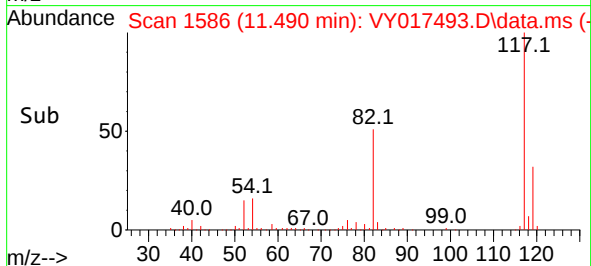
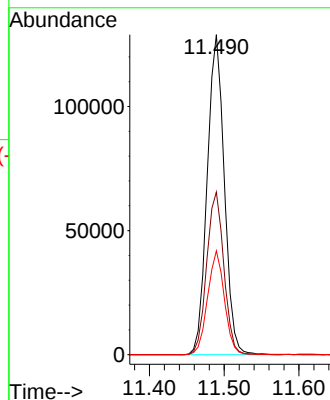
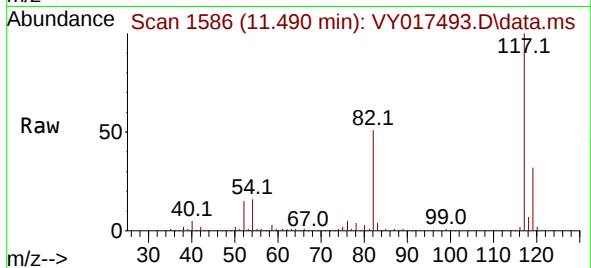
Tgt Ion:117 Resp: 204697

Ion Ratio Lower Upper

117 100

82 50.8 42.4 63.6

119 32.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY017493.D

Acq: 27 Feb 2024 13:53

Tgt Ion:152 Resp: 76549

Ion Ratio Lower Upper

152 100

115 54.6 28.2 84.7

150 157.2 0.0 345.6

