

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018118.D
 Acq On : 02 May 2024 15:42
 Operator : SY/MD
 Sample : P2337-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DRT-5204

Quant Time: May 02 23:05:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	270222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	470565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	389723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	102117	47.942	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.880%
35) Dibromofluoromethane	7.710	113	134939	49.900	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.800%
50) Toluene-d8	10.179	98	510893	48.394	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.780%
62) 4-Bromofluorobenzene	12.477	95	148814	40.961	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.920%

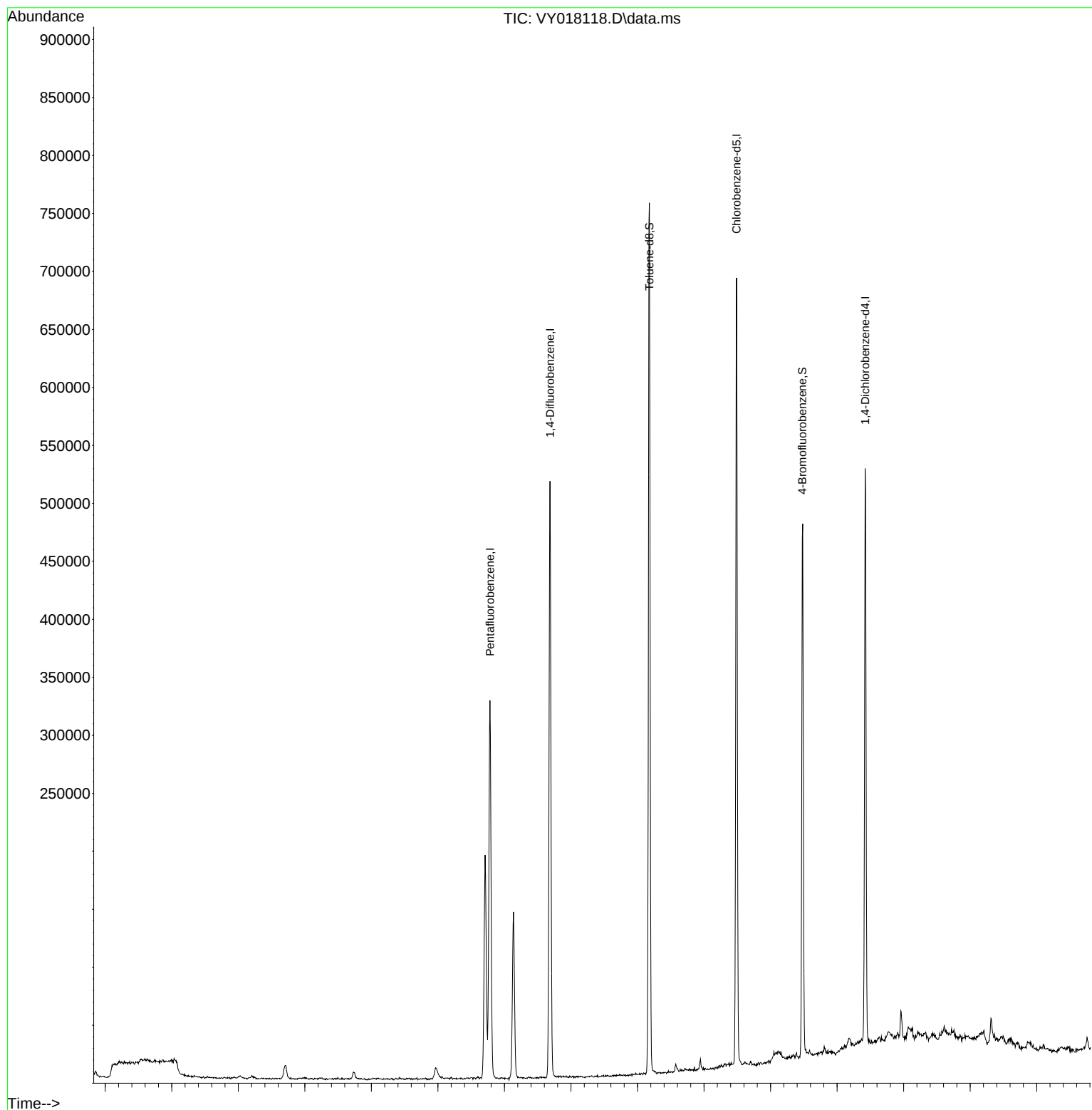
Target Compounds Qvalue

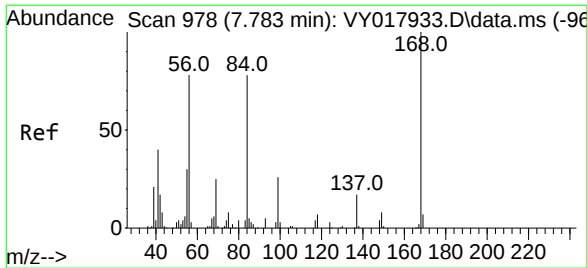
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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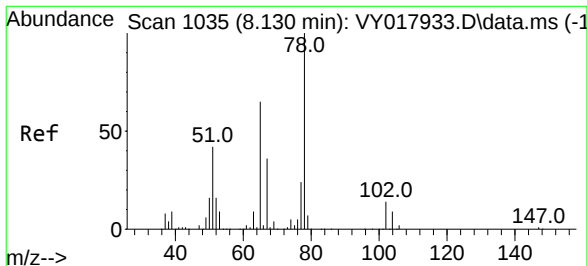
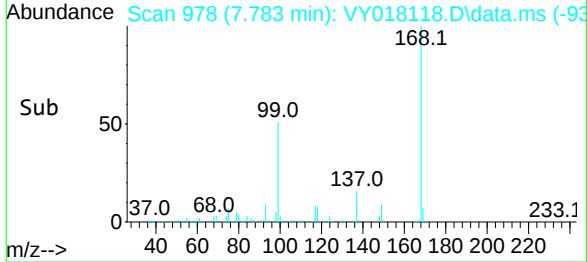
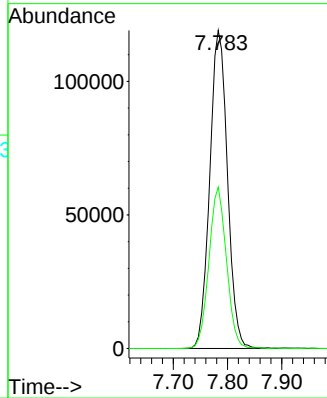
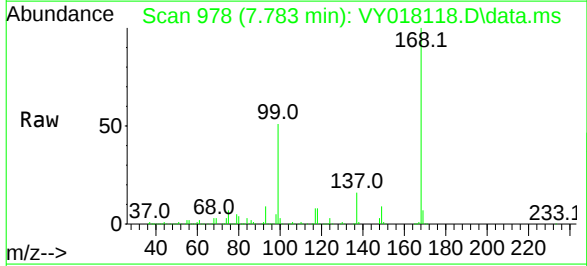




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018118.D
Acq: 02 May 2024 15:42

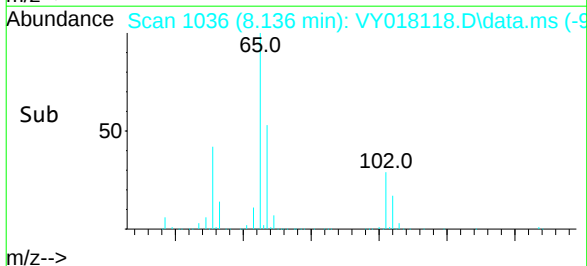
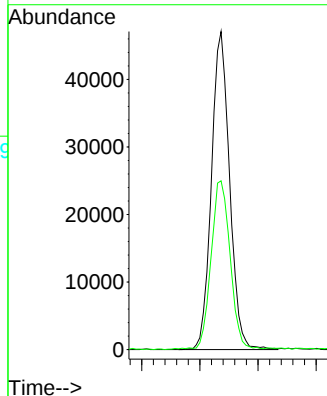
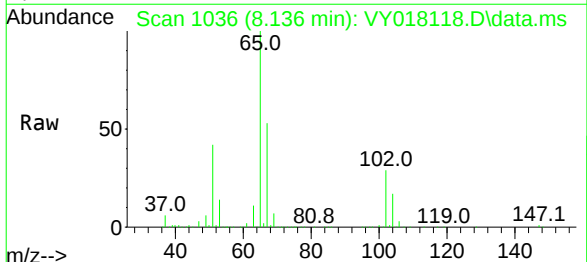
Instrument :
MSVOA_Y
ClientSampleId :
DRT-5204

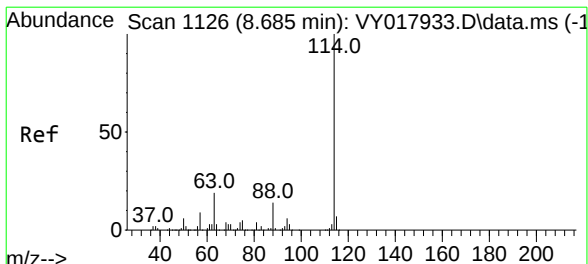
Tgt Ion:168 Resp: 270222
Ion Ratio Lower Upper
168 100
99 50.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 47.942 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018118.D
Acq: 02 May 2024 15:42

Tgt Ion: 65 Resp: 102117
Ion Ratio Lower Upper
65 100
67 56.0 0.0 109.6

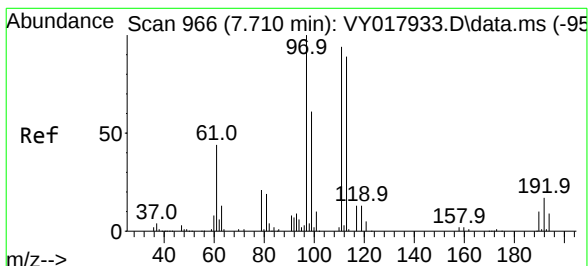
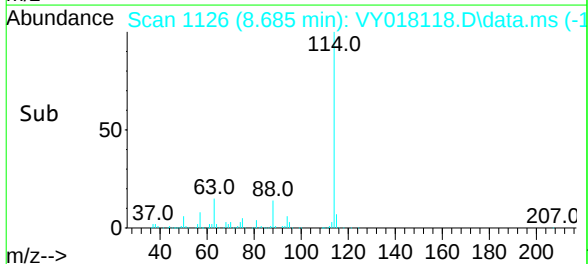
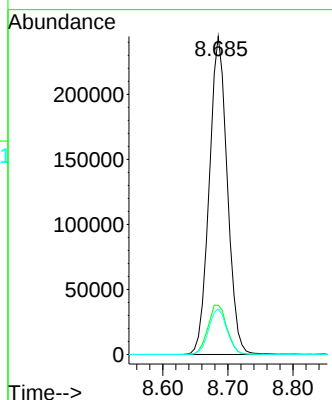
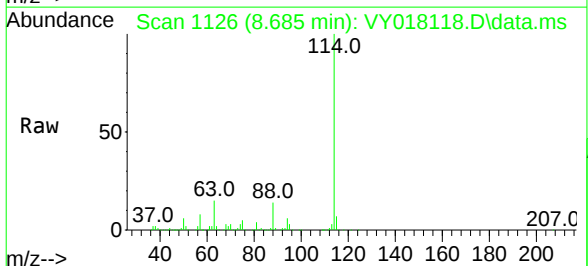




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 111
 Delta R.T. -0.006 min
 Lab File: VY018118.D
 Acq: 02 May 2024 15:42

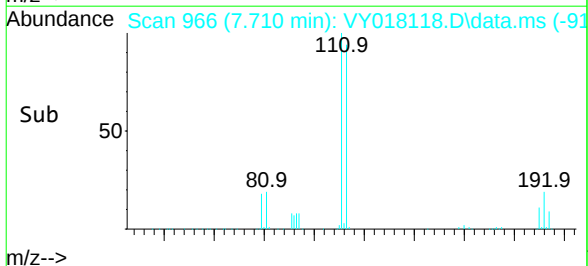
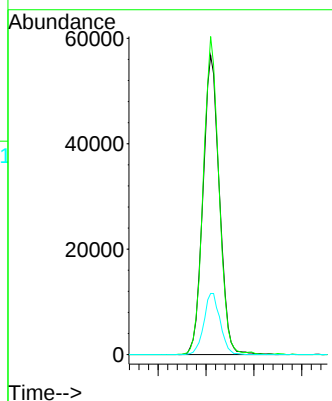
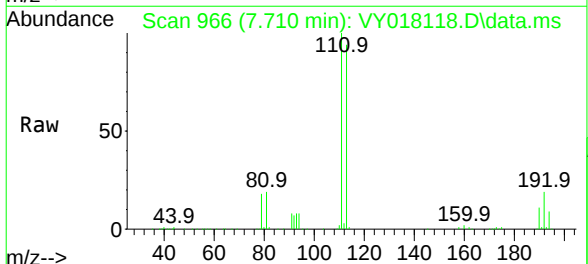
Instrument :
 MSVOA_Y
 ClientSampleId :
 DRT-5204

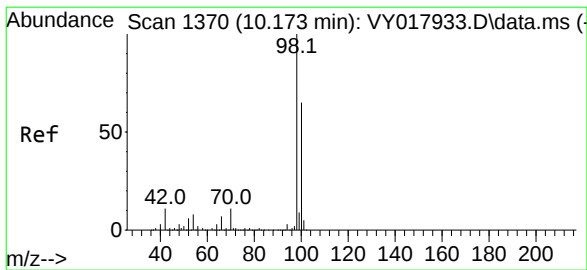
Tgt Ion:	114	Resp:	470565
Ion	Ratio	Lower	Upper
114	100		
63	15.5	0.0	35.0
88	14.3	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 49.900 ug/l
 RT: 7.710 min Scan# 966
 Delta R.T. -0.012 min
 Lab File: VY018118.D
 Acq: 02 May 2024 15:42

Tgt Ion:	113	Resp:	134939
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.2	123.4
192	20.3	15.9	23.9





#50

Toluene-d8

Concen: 48.394 ug/l

RT: 10.179 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018118.D

Acq: 02 May 2024 15:42

Instrument :

MSVOA_Y

ClientSampleId :

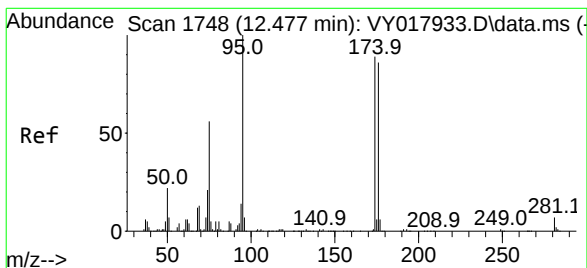
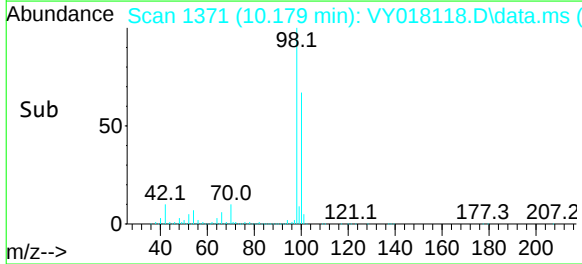
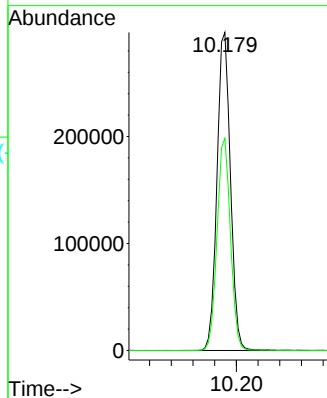
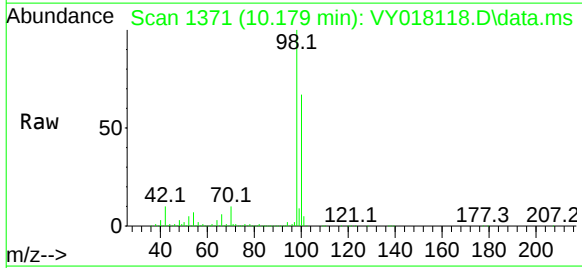
DRT-5204

Tgt Ion: 98 Resp: 510893

Ion Ratio Lower Upper

98 100

100 66.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 40.961 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY018118.D

Acq: 02 May 2024 15:42

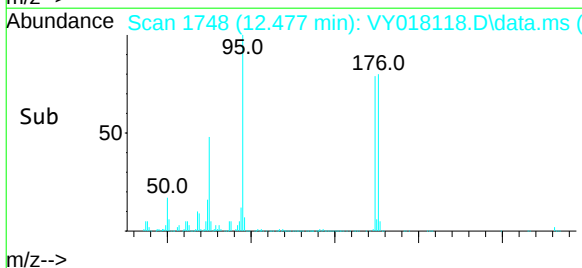
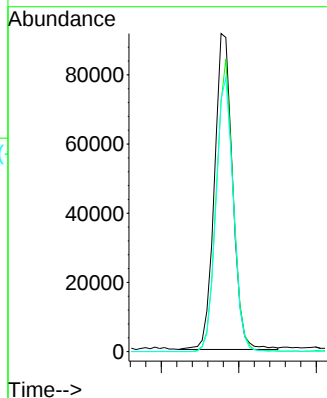
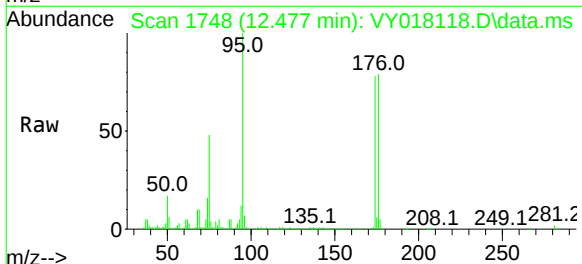
Tgt Ion: 95 Resp: 148814

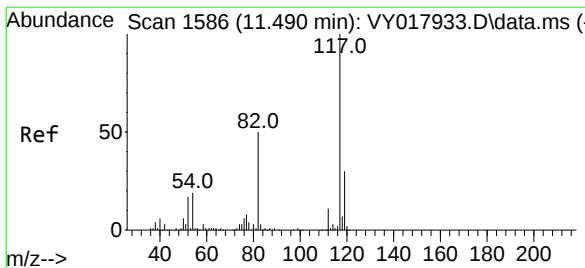
Ion Ratio Lower Upper

95 100

174 86.0 0.0 175.6

176 82.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.001 min

Lab File: VY018118.D

Acq: 02 May 2024 15:42

Instrument :

MSVOA_Y

ClientSampleId :

DRT-5204

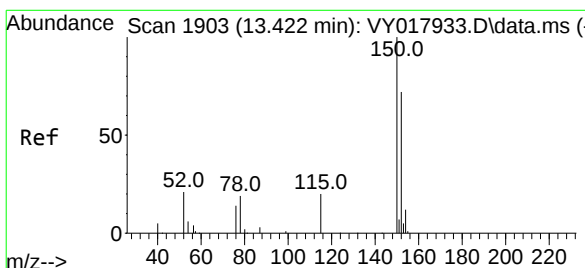
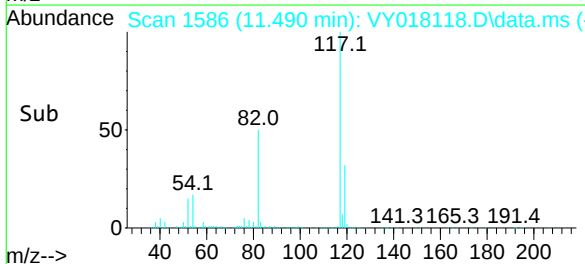
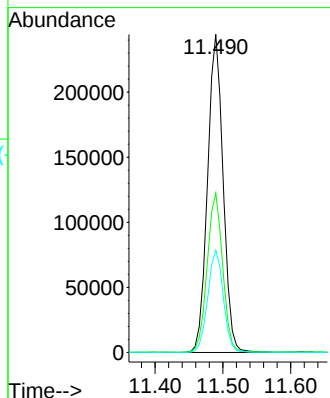
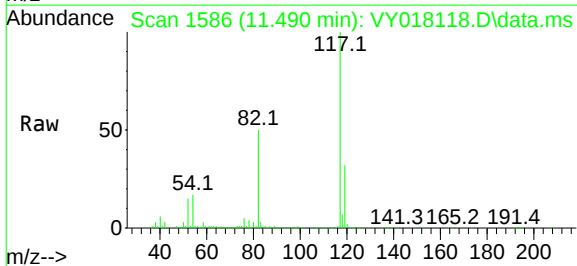
Tgt Ion:117 Resp: 389723

Ion Ratio Lower Upper

117 100

82 50.0 42.4 63.6

119 32.1 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: VY018118.D

Acq: 02 May 2024 15:42

Tgt Ion:152 Resp: 133222

Ion Ratio Lower Upper

152 100

115 56.9 28.2 84.7

150 156.9 0.0 345.6

