

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052622\
 Data File : VY009108.D
 Acq On : 26 May 2022 11:03
 Operator : KP/MD
 Sample : VY0526SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0526SBL01

Quant Time: May 27 03:22:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	112453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	201797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	183383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78698	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70333	60.771	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.540%
35) Dibromofluoromethane	7.716	113	63992	50.995	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.000%
50) Toluene-d8	10.179	98	249065	53.801	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.600%
62) 4-Bromofluorobenzene	12.483	95	68751	36.816	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.640%

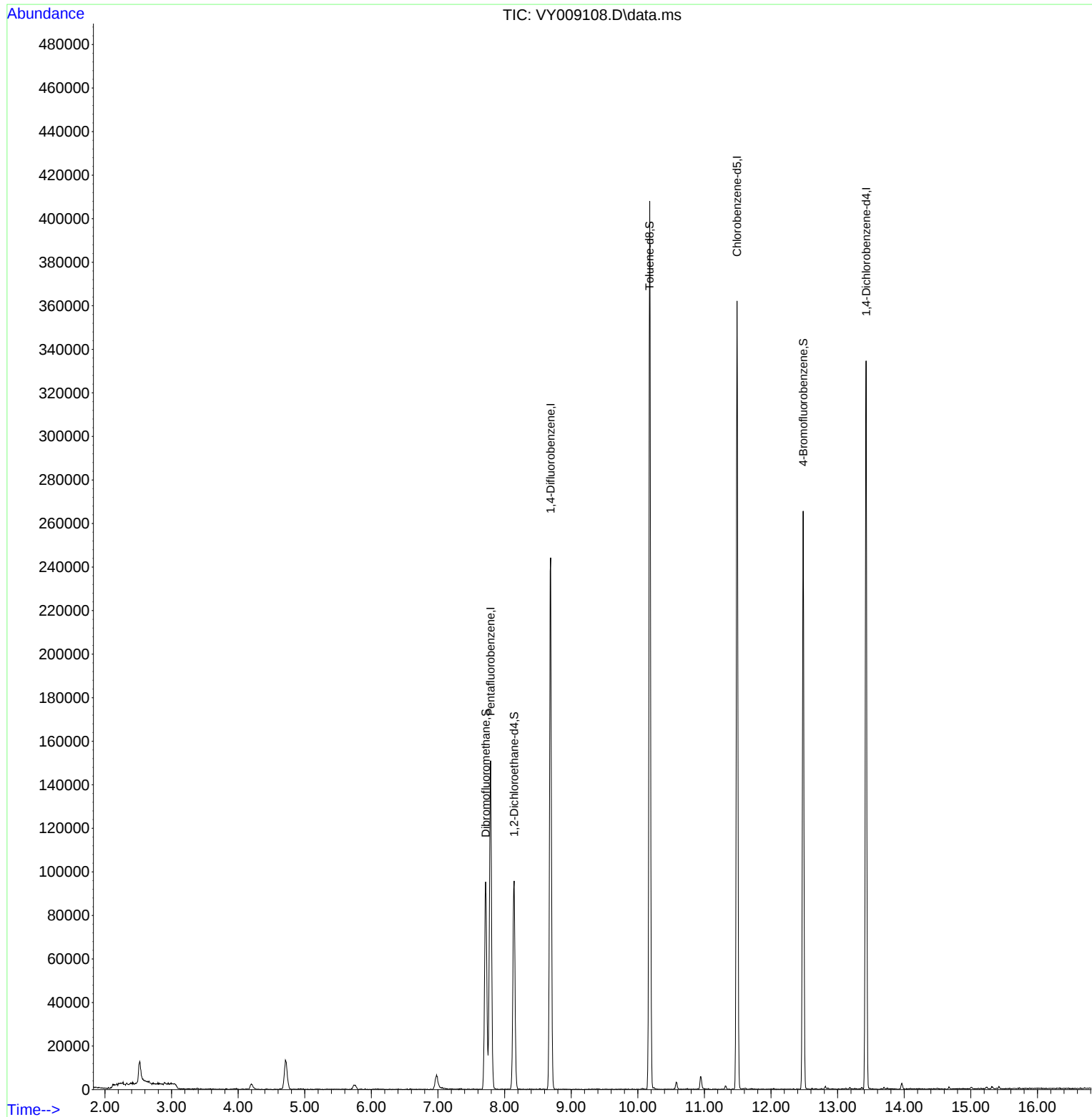
Target Compounds	Qvalue

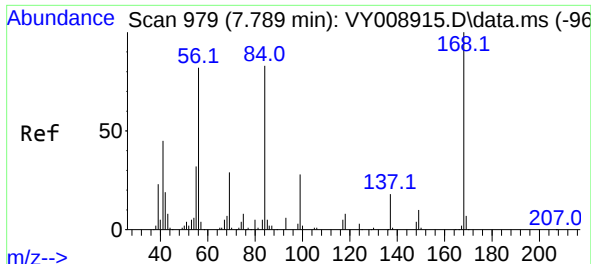
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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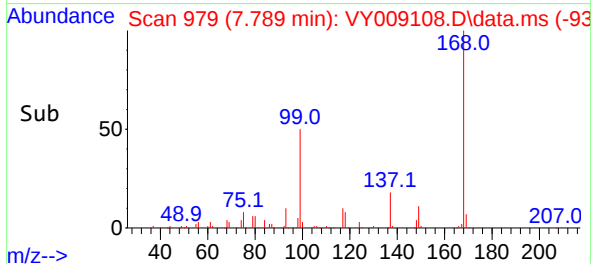
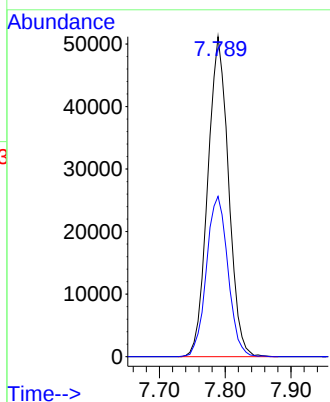
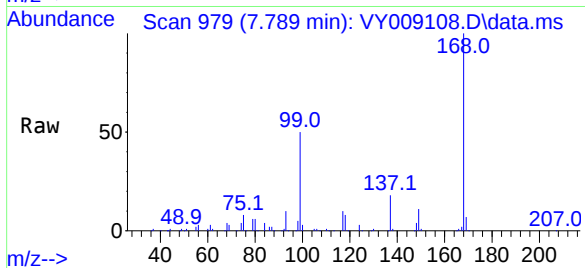




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009108.D
Acq: 26 May 2022 11:03

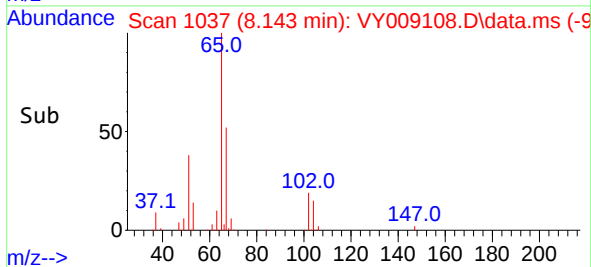
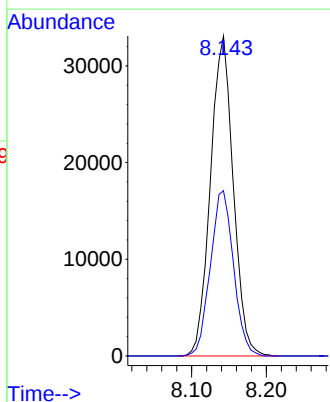
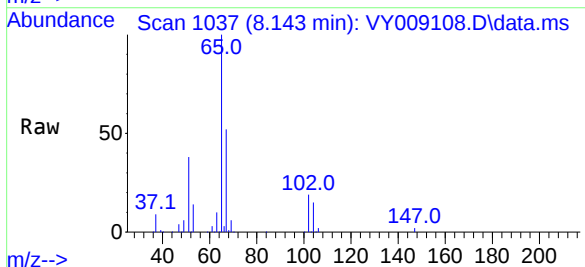
Instrument :
MSVOA_Y
ClientSampleId :
VY0526SBL01

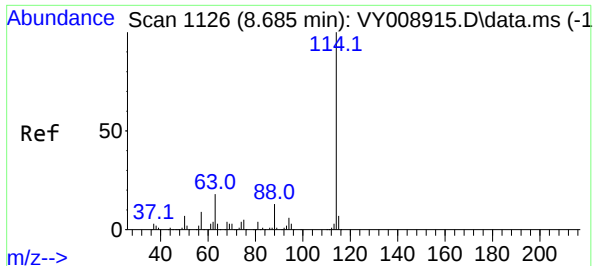
Tgt Ion:168 Resp: 112453
Ion Ratio Lower Upper
168 100
99 50.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 60.771 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY009108.D
Acq: 26 May 2022 11:03

Tgt Ion: 65 Resp: 70333
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009108.D

Acq: 26 May 2022 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0526SBL01

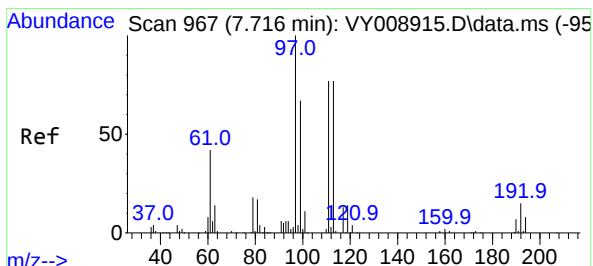
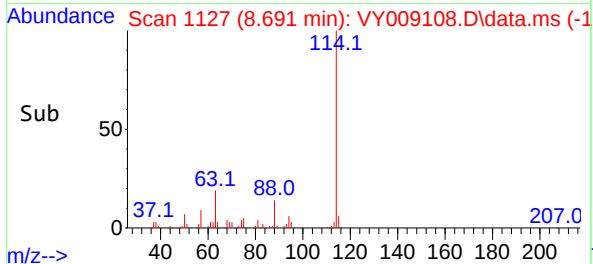
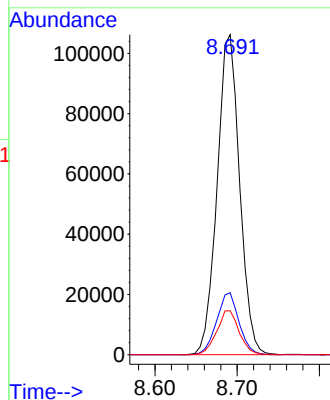
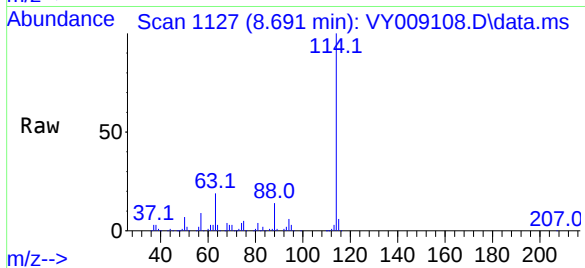
Tgt Ion:114 Resp: 201797

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.995 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009108.D

Acq: 26 May 2022 11:03

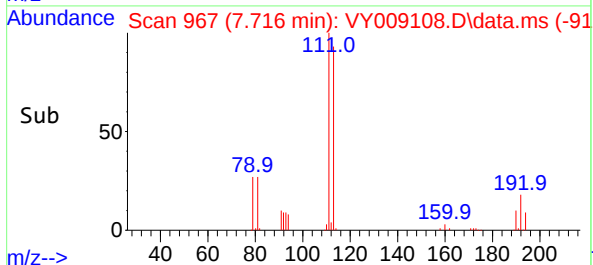
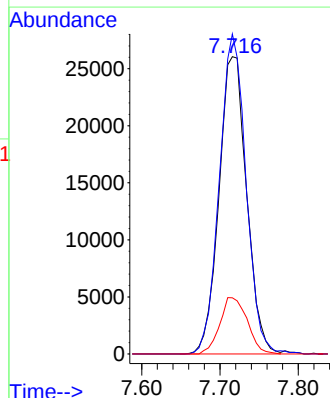
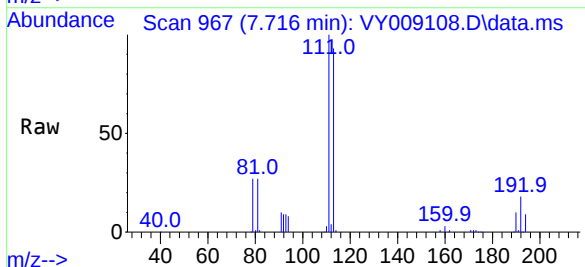
Tgt Ion:113 Resp: 63992

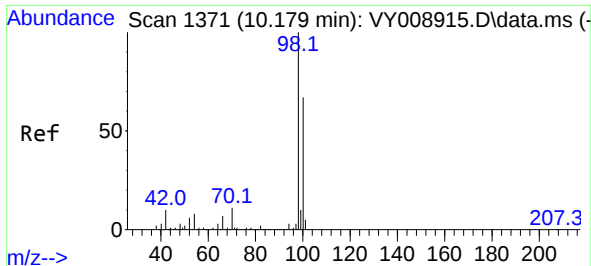
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 18.8 17.6 26.4

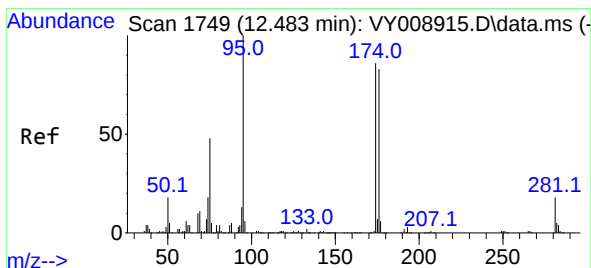
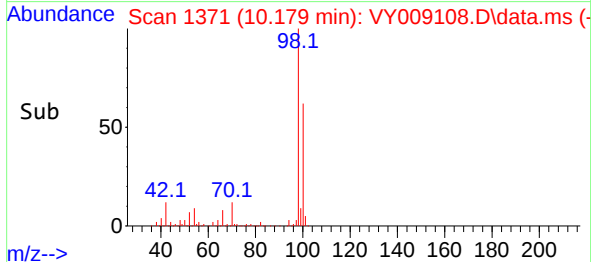
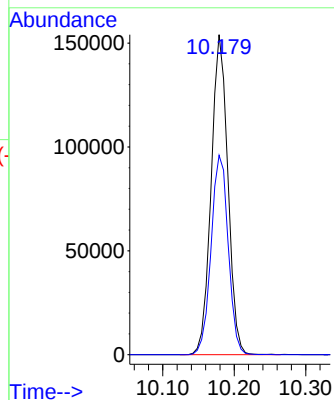
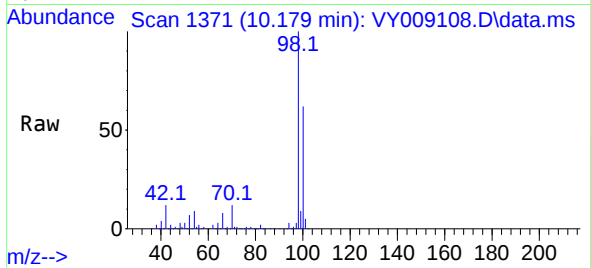




#50
Toluene-d8
Concen: 53.801 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009108.D
Acq: 26 May 2022 11:03

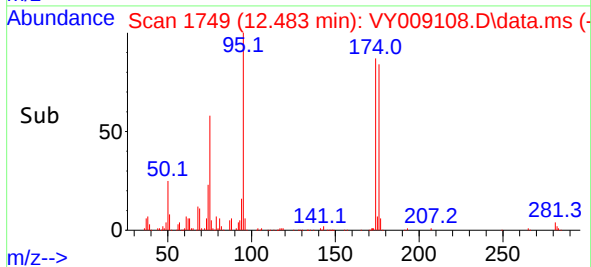
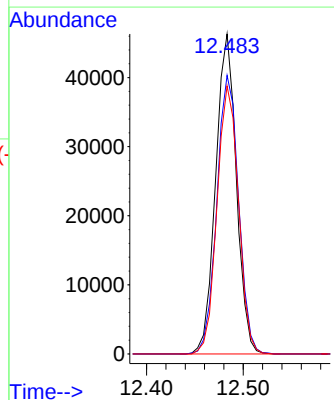
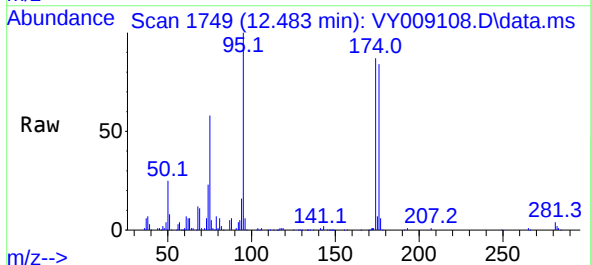
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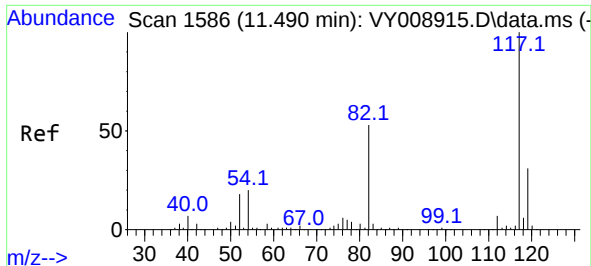
Tgt Ion: 98 Resp: 249065
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.816 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009108.D
Acq: 26 May 2022 11:03

Tgt Ion: 95 Resp: 68751
Ion Ratio Lower Upper
95 100
174 91.4 0.0 177.0
176 86.6 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009108.D

Acq: 26 May 2022 11:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0526SBL01

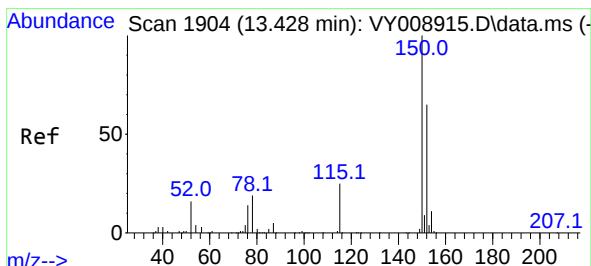
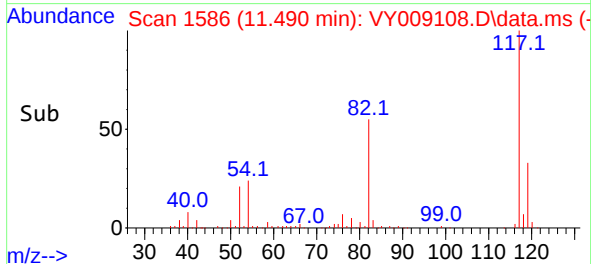
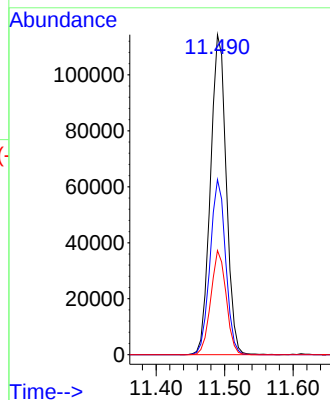
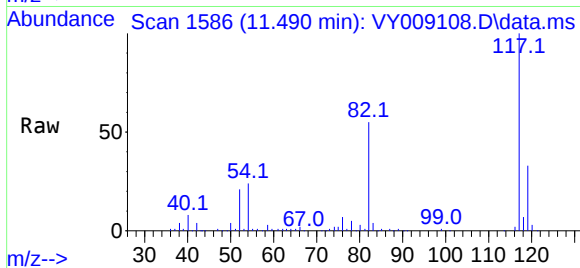
Tgt Ion:117 Resp: 183383

Ion Ratio Lower Upper

117 100

82 54.7 43.0 64.4

119 32.5 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY009108.D

Acq: 26 May 2022 11:03

Tgt Ion:152 Resp: 78698

Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.7

150 154.9 0.0 347.6

