

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120522\
 Data File : VY011688.D
 Acq On : 05 Dec 2022 11:33
 Operator : KP/MD
 Sample : VY1205SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBL01

Quant Time: Dec 06 00:35:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	171716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	287246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	255665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	118952	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	97700	56.034	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.060%
35) Dibromofluoromethane	7.716	113	95348	53.922	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.840%
50) Toluene-d8	10.179	98	301976	46.995	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.980%
62) 4-Bromofluorobenzene	12.483	95	111245	46.825	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.640%

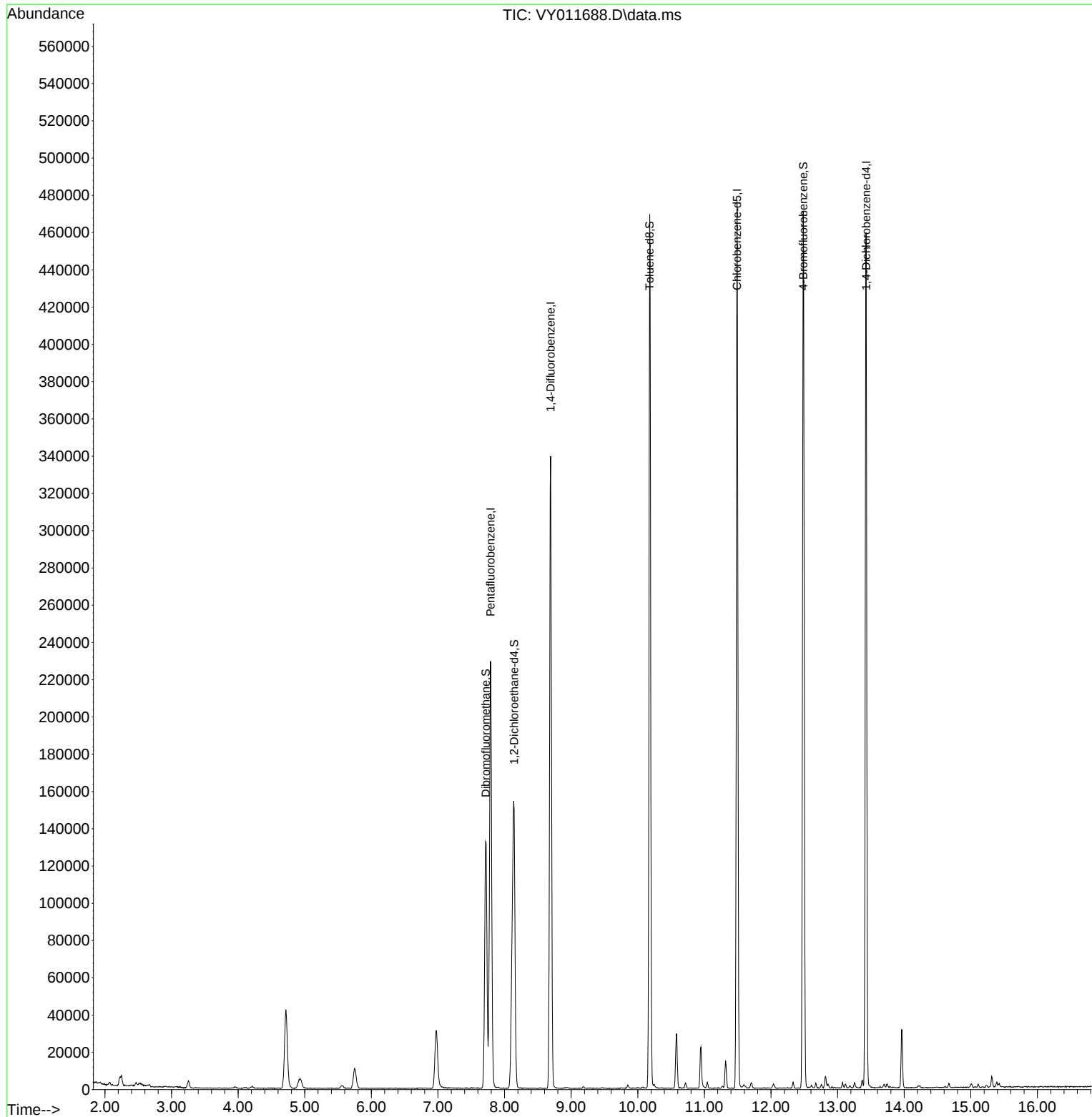
Target Compounds	Qvalue

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

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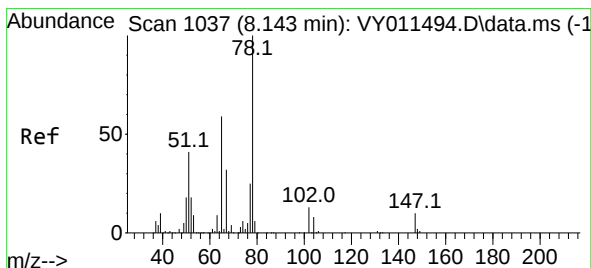
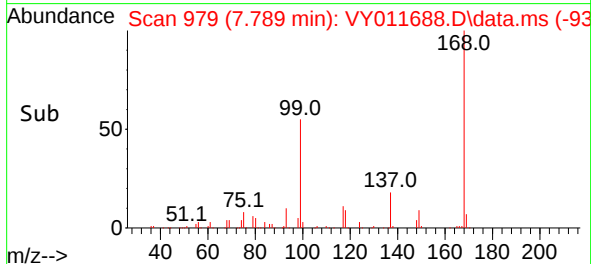
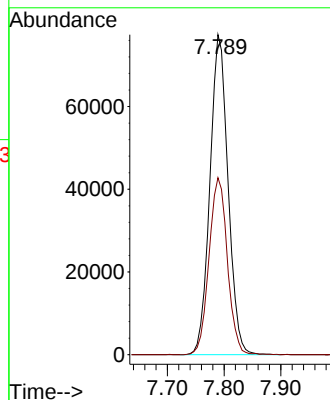
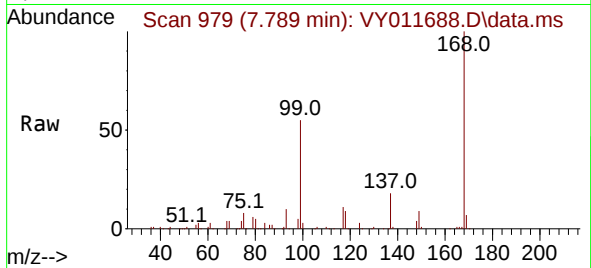




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011688.D
Acq: 05 Dec 2022 11:33

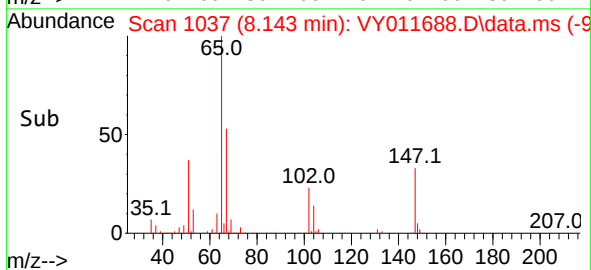
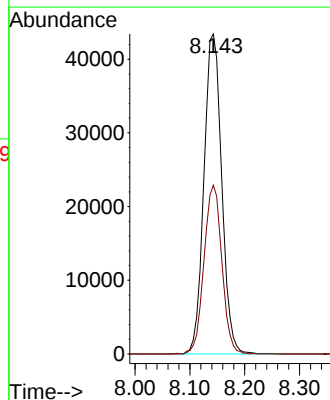
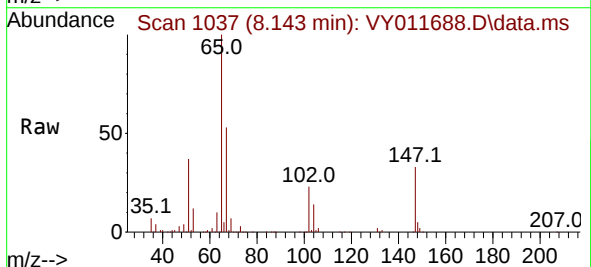
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBL01

Tgt Ion:168 Resp: 171716
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.034 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011688.D
Acq: 05 Dec 2022 11:33

Tgt Ion: 65 Resp: 97700
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4

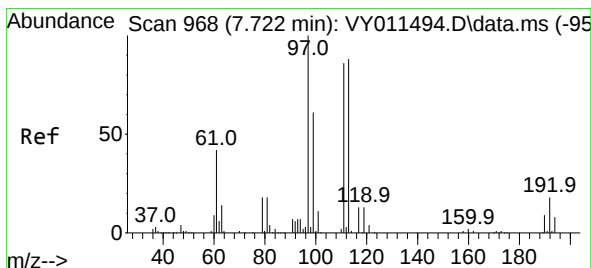
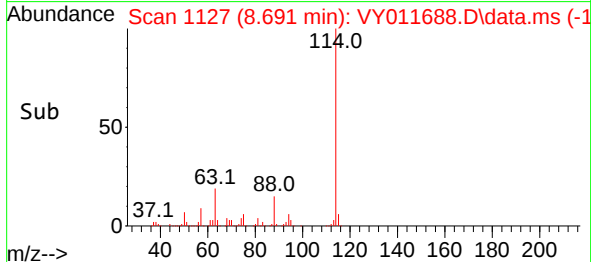
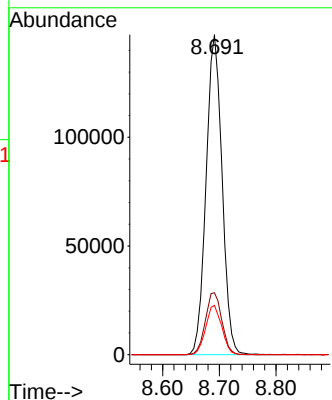
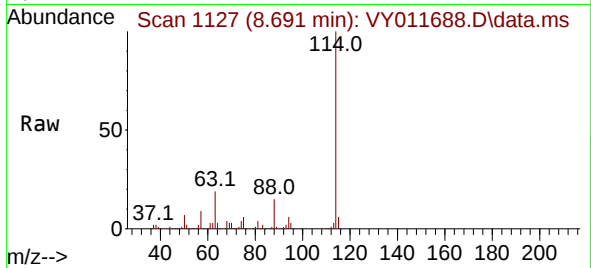




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011688.D
Acq: 05 Dec 2022 11:33

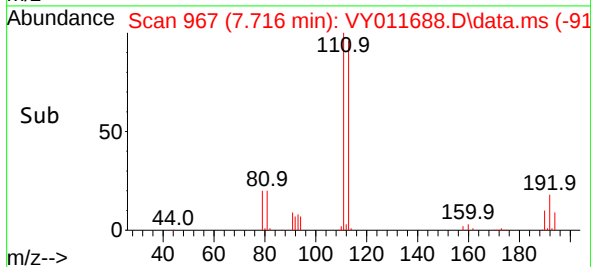
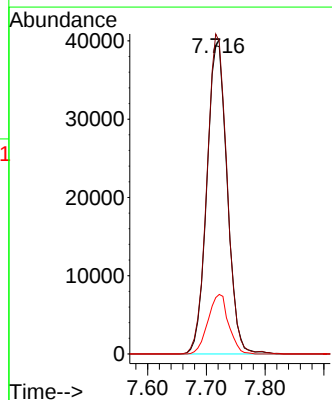
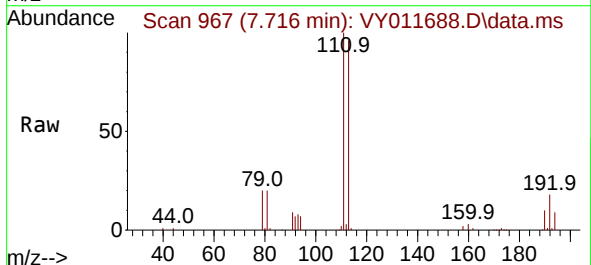
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBL01

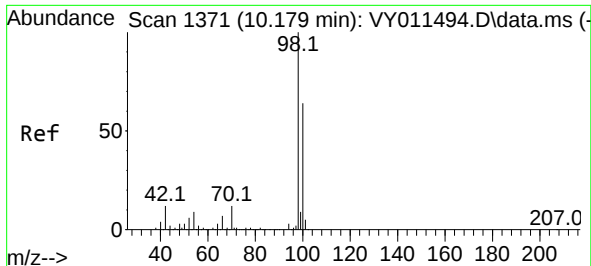
Tgt Ion:114 Resp: 287246
Ion Ratio Lower Upper
114 100
63 19.4 0.0 43.2
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 53.922 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY011688.D
Acq: 05 Dec 2022 11:33

Tgt Ion:113 Resp: 95348
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 19.4 17.6 26.4

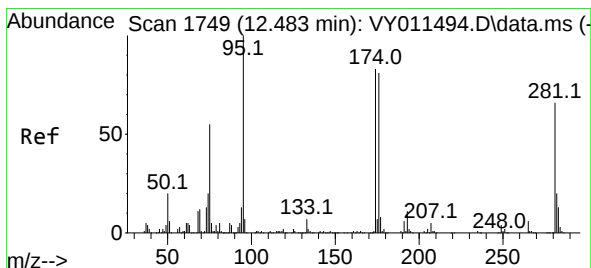
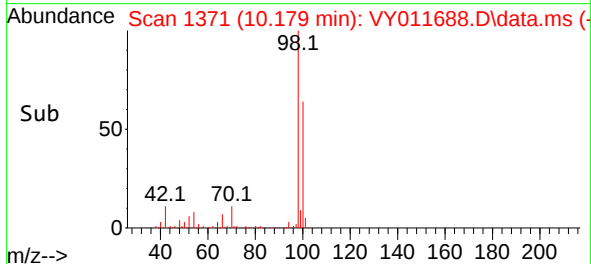
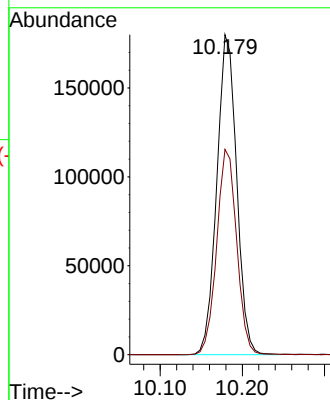
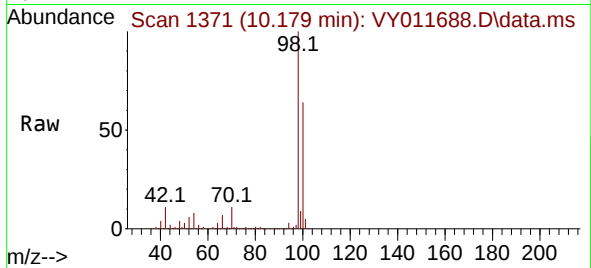




#50
Toluene-d8
Concen: 46.995 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011688.D
Acq: 05 Dec 2022 11:33

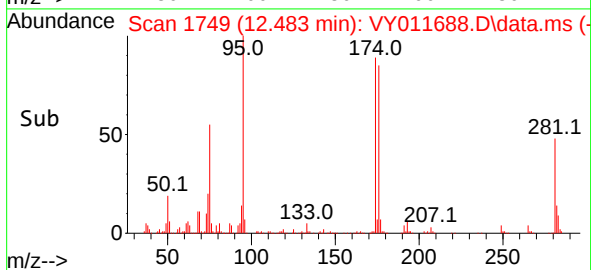
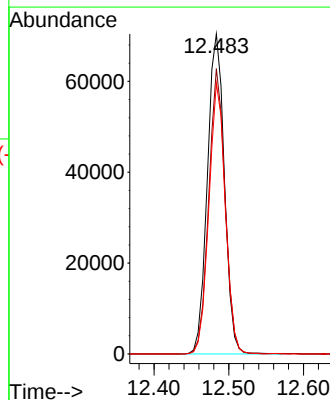
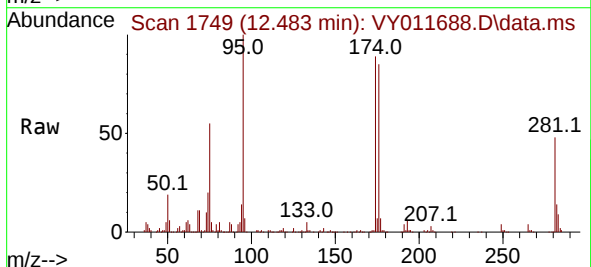
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBL01

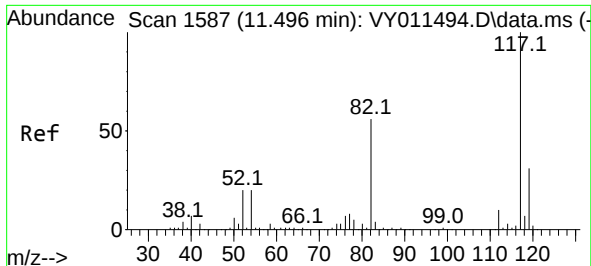
Tgt Ion: 98 Resp: 301976
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.825 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011688.D
Acq: 05 Dec 2022 11:33

Tgt Ion: 95 Resp: 111245
Ion Ratio Lower Upper
95 100
174 86.0 0.0 177.0
176 81.7 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY011688.D

Acq: 05 Dec 2022 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBL01

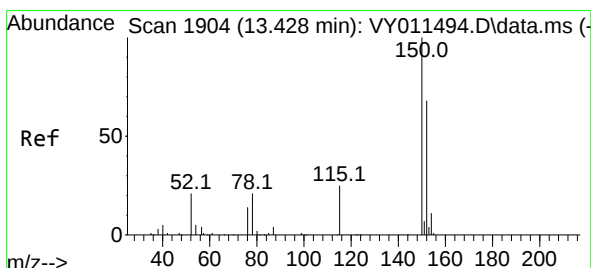
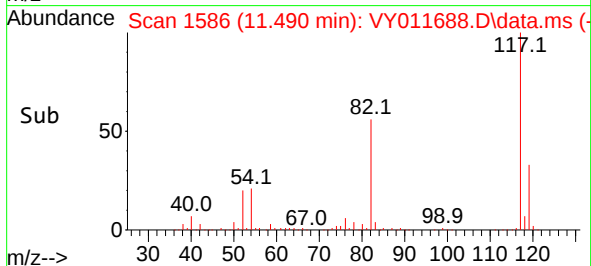
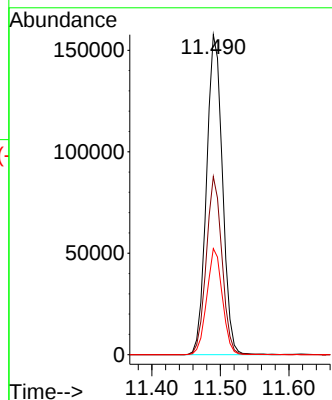
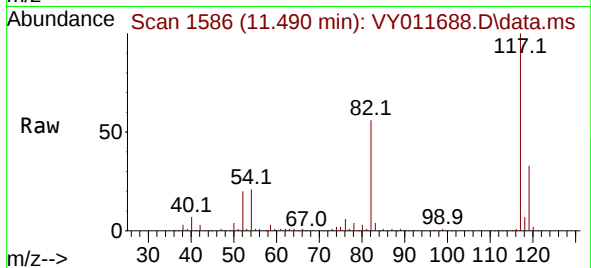
Tgt Ion:117 Resp: 255665

Ion Ratio Lower Upper

117 100

82 55.6 43.0 64.4

119 33.2 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: VY011688.D

Acq: 05 Dec 2022 11:33

Tgt Ion:152 Resp: 118952

Ion Ratio Lower Upper

152 100

115 57.6 28.2 84.7

150 158.7 0.0 347.6

