

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102622\
 Data File : VY011116.D
 Acq On : 26 Oct 2022 15:12
 Operator : KP/MD
 Sample : N5281-05
 Misc : 5.70g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5S

Quant Time: Oct 27 04:39:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	318202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	554712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	483865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	212886	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	118608	40.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.940%
35) Dibromofluoromethane	7.709	113	128308	41.112	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.220%
50) Toluene-d8	10.179	98	404027	34.883	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	69.760%
62) 4-Bromofluorobenzene	12.477	95	142955	33.851	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	67.700%

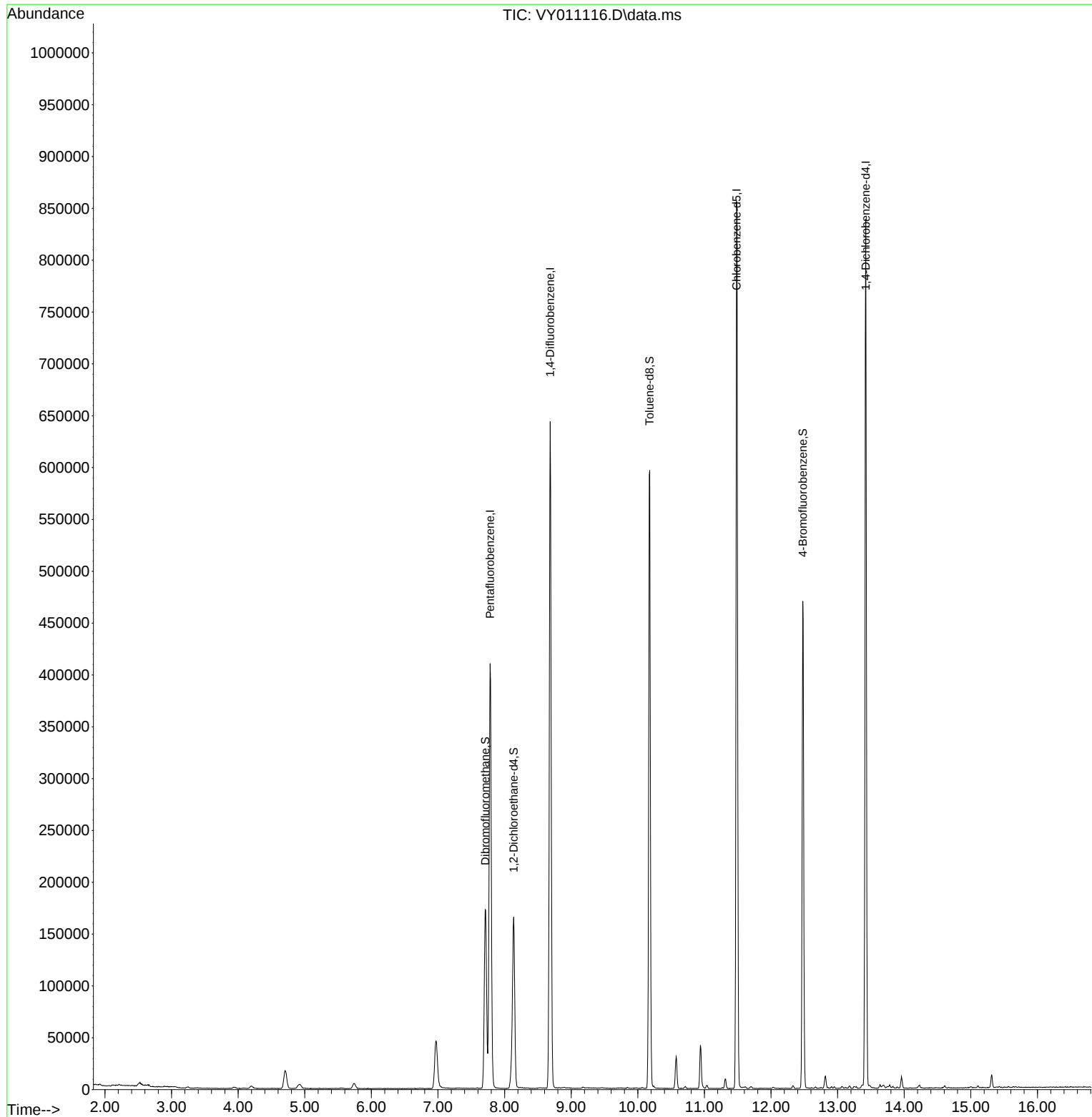
Target Compounds	Qvalue

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

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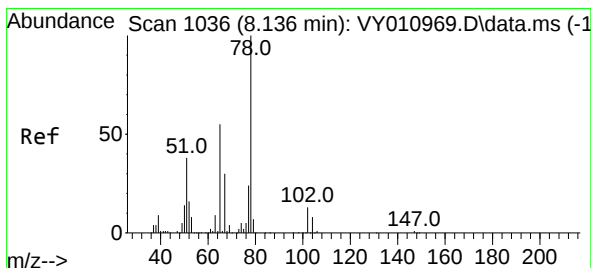
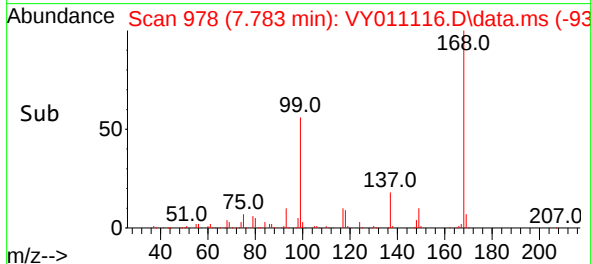
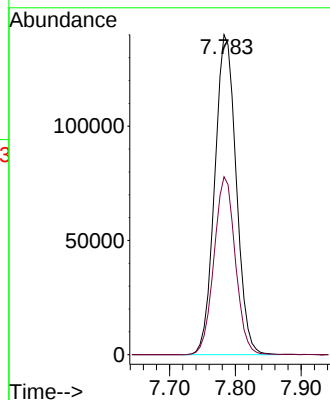
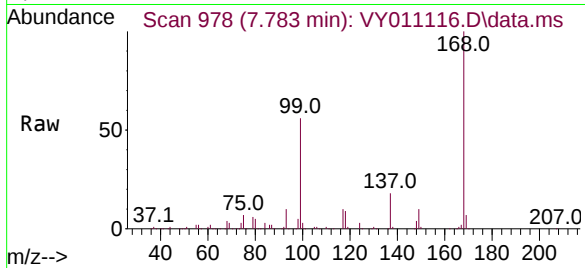




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011116.D
Acq: 26 Oct 2022 15:12

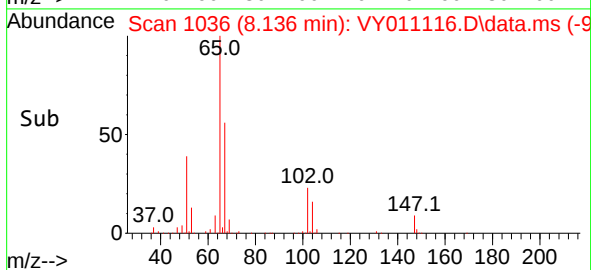
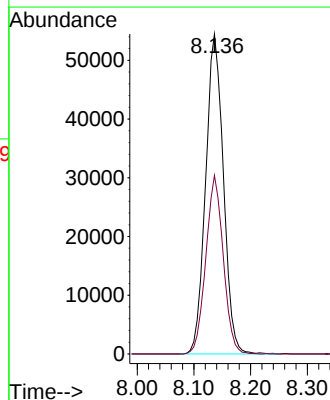
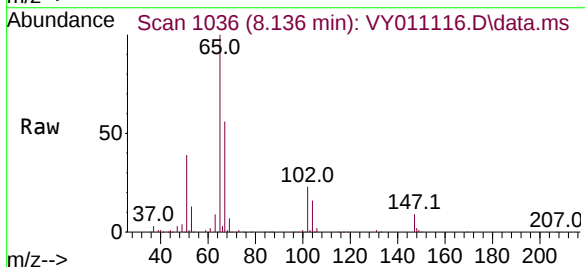
Instrument :
MSVOA_Y
ClientSampleId :
SB-5S

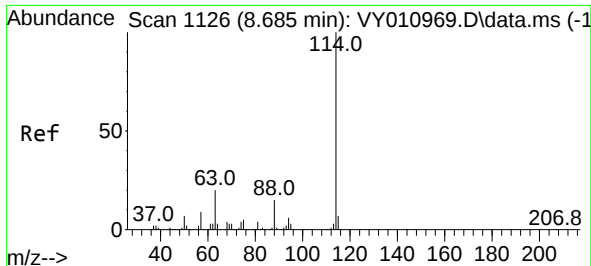
Tgt Ion:168 Resp: 318202
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 40.465 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011116.D
Acq: 26 Oct 2022 15:12

Tgt Ion: 65 Resp: 118608
Ion Ratio Lower Upper
65 100
67 54.7 0.0 99.4

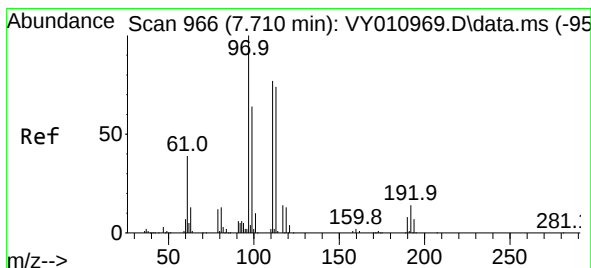
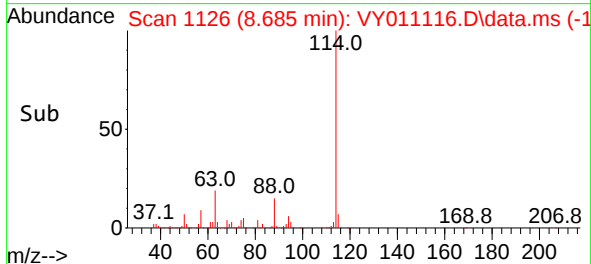
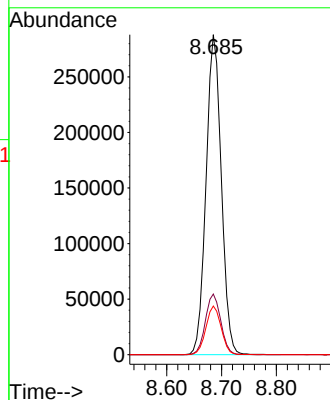
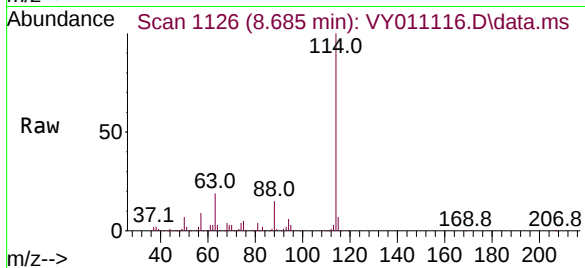




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY011116.D
Acq: 26 Oct 2022 15:12

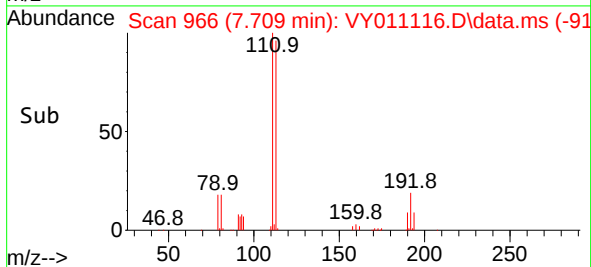
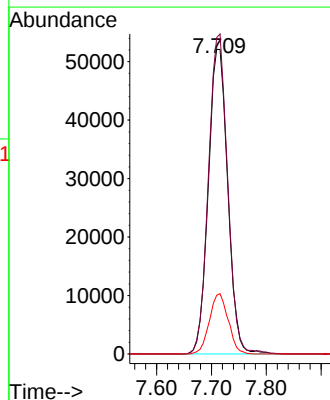
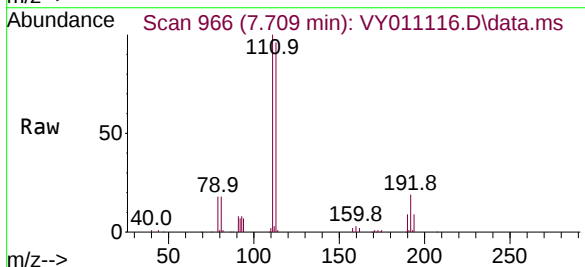
Instrument :
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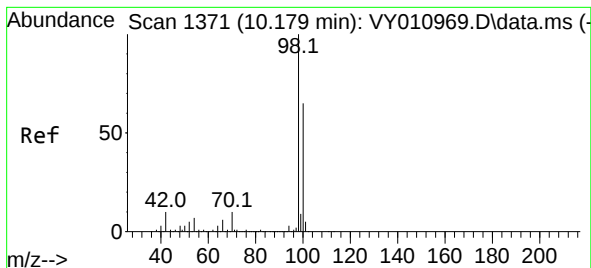
Tgt Ion:114 Resp: 554712
Ion Ratio Lower Upper
114 100
63 19.0 0.0 43.2
88 15.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 41.112 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.001 min
Lab File: VY011116.D
Acq: 26 Oct 2022 15:12

Tgt Ion:113 Resp: 128308
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 19.1 17.6 26.4





#50

Toluene-d8

Concen: 34.883 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011116.D

Acq: 26 Oct 2022 15:12

Instrument :

MSVOA_Y

ClientSampleId :

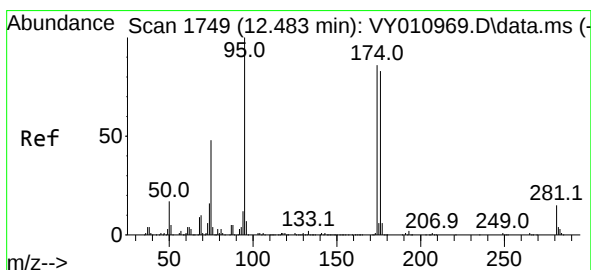
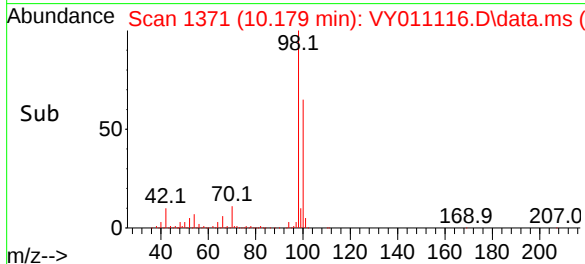
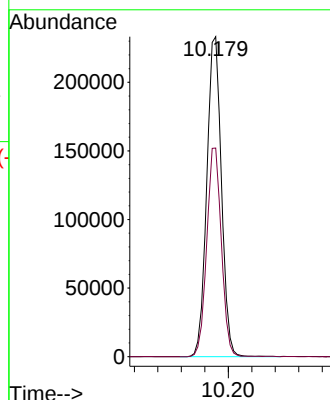
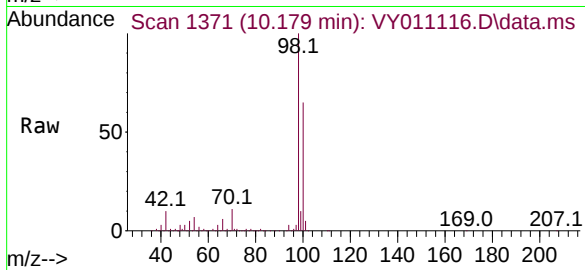
SB-5S

Tgt Ion: 98 Resp: 404027

Ion Ratio Lower Upper

98 100

100 65.2 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 33.851 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY011116.D

Acq: 26 Oct 2022 15:12

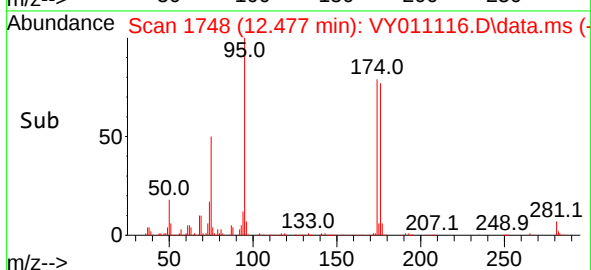
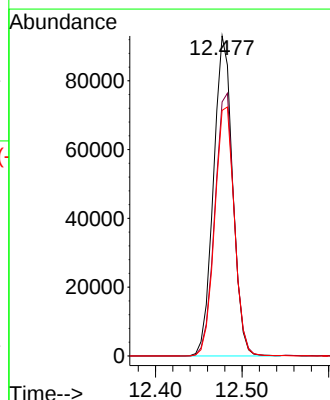
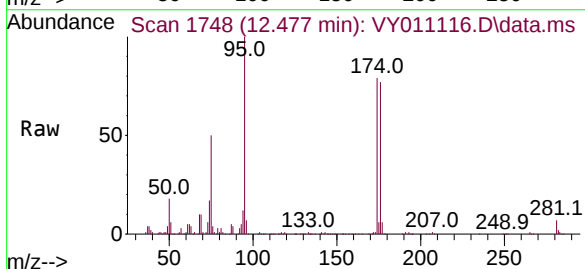
Tgt Ion: 95 Resp: 142955

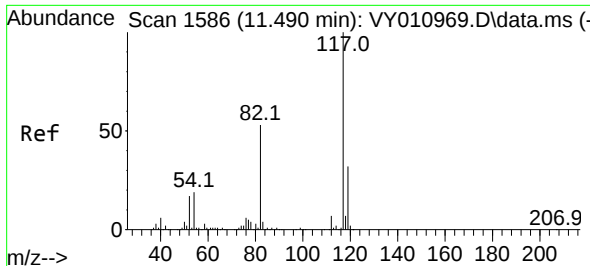
Ion Ratio Lower Upper

95 100

174 82.9 0.0 177.0

176 79.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY011116.D

Acq: 26 Oct 2022 15:12

Instrument :

MSVOA_Y

ClientSampleId :

SB-5S

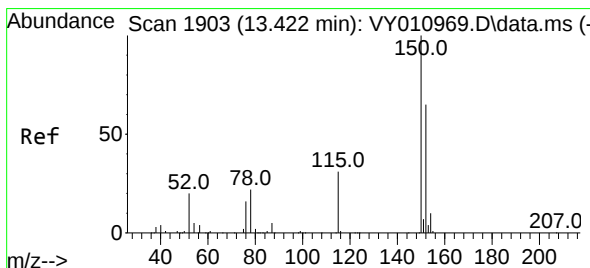
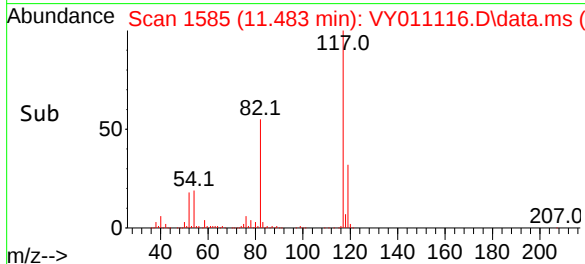
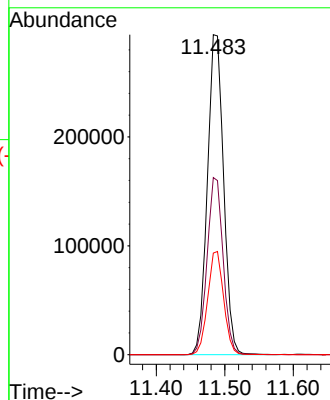
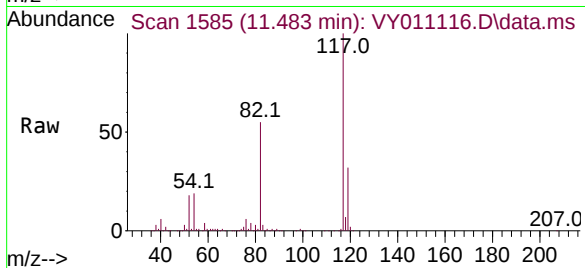
Tgt Ion:117 Resp: 483865

Ion Ratio Lower Upper

117 100

82 55.3 43.0 64.4

119 31.8 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY011116.D

Acq: 26 Oct 2022 15:12

Tgt Ion:152 Resp: 212886

Ion Ratio Lower Upper

152 100

115 58.7 28.2 84.7

150 157.4 0.0 347.6

