

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102622\
 Data File : VY011122.D
 Acq On : 26 Oct 2022 17:28
 Operator : KP/MD
 Sample : N5281-11
 Misc : 4.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5D

Quant Time: Oct 27 04:40:21 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	328753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	583805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	522271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	238880	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	124054	40.965	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.920%
35) Dibromofluoromethane	7.709	113	134312	40.879	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.760%
50) Toluene-d8	10.172	98	428276	35.134	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	70.260%
62) 4-Bromofluorobenzene	12.477	95	157650	35.627	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.260%

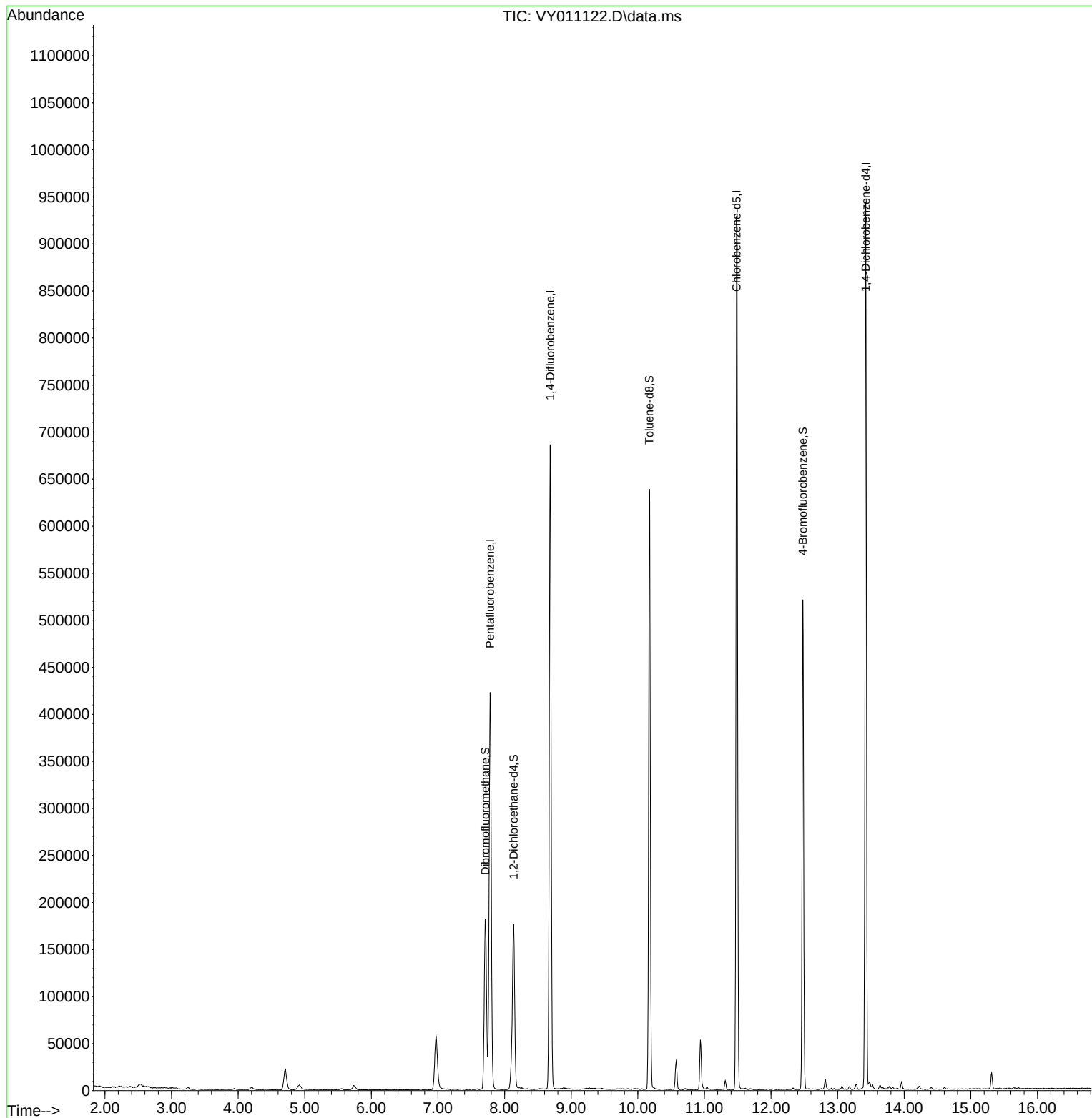
Target Compounds	Qvalue

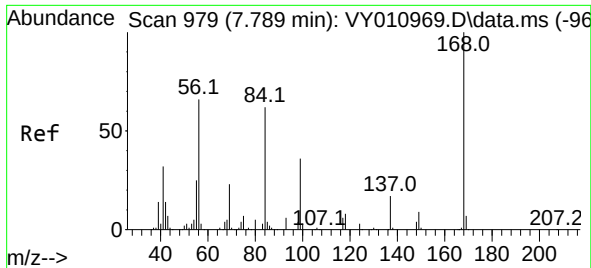
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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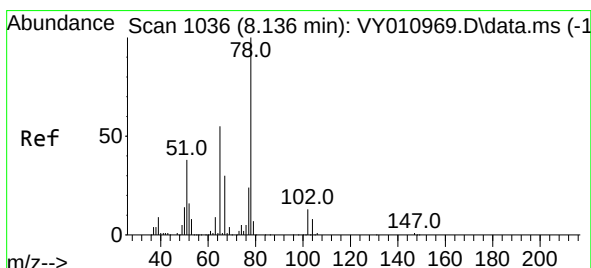
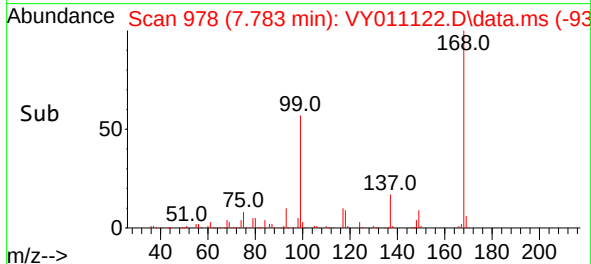
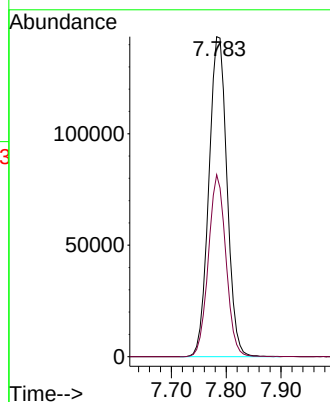
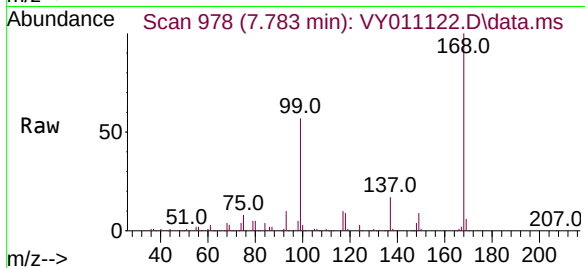




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011122.D
Acq: 26 Oct 2022 17:28

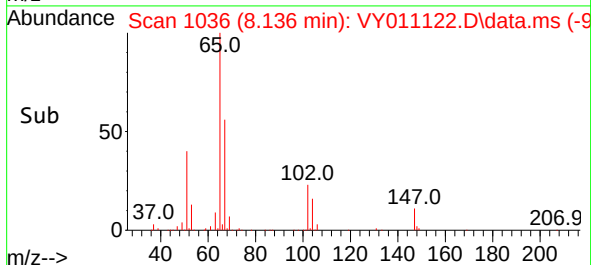
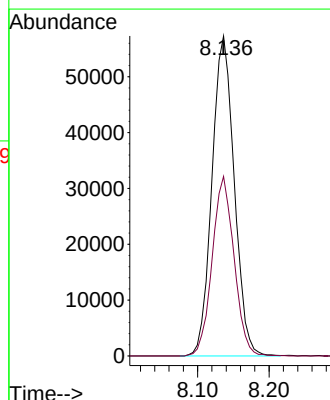
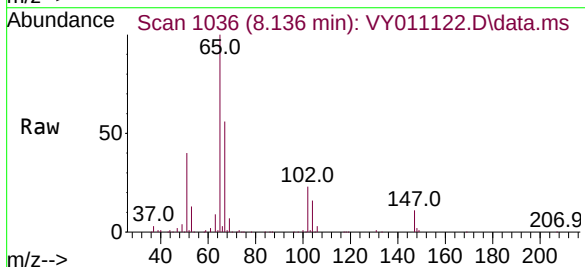
Instrument :
MSVOA_Y
ClientSampleId :
SB-5D

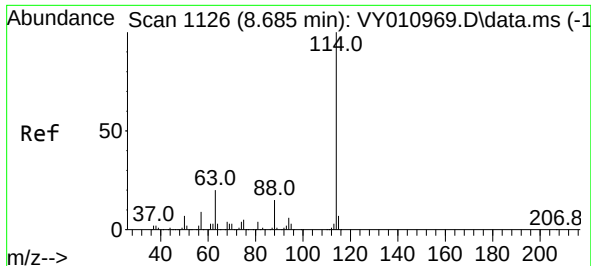
Tgt Ion:168 Resp: 328753
Ion Ratio Lower Upper
168 100
99 56.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 40.965 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011122.D
Acq: 26 Oct 2022 17:28

Tgt Ion: 65 Resp: 124054
Ion Ratio Lower Upper
65 100
67 55.0 0.0 99.4

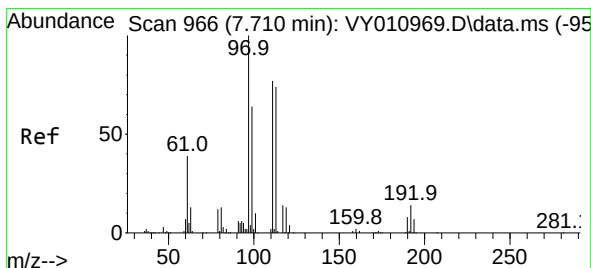
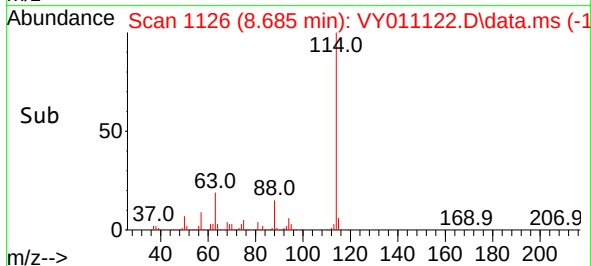
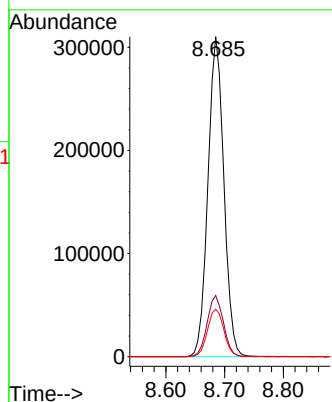
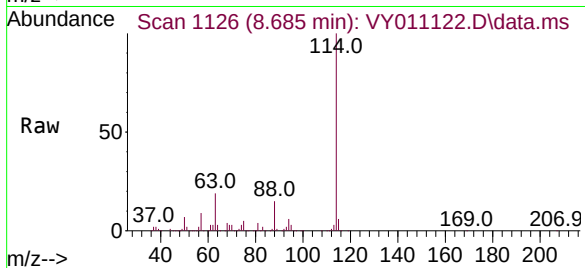




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY011122.D
Acq: 26 Oct 2022 17:28

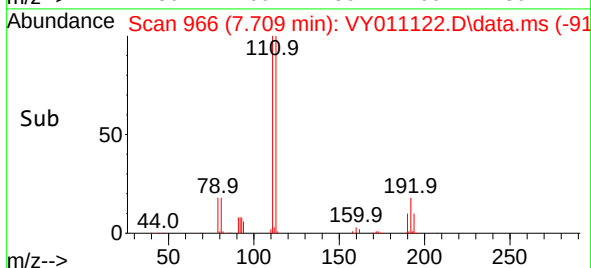
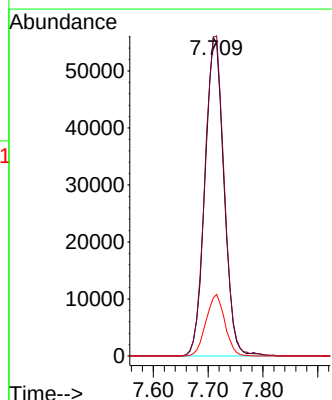
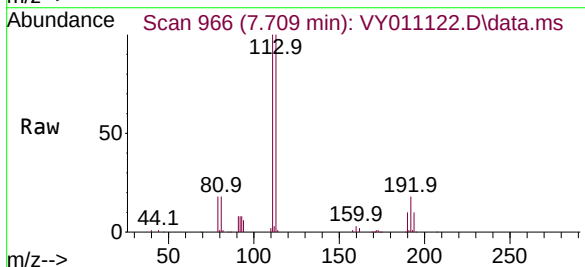
Instrument :
MSVOA_Y
ClientSampleId :
SB-5D

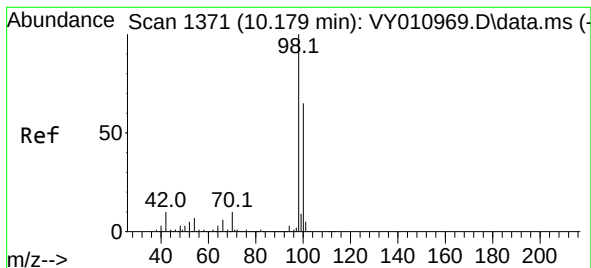
Tgt Ion:114 Resp: 583805
Ion Ratio Lower Upper
114 100
63 19.1 0.0 43.2
88 14.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 40.879 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.001 min
Lab File: VY011122.D
Acq: 26 Oct 2022 17:28

Tgt Ion:113 Resp: 134312
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 19.1 17.6 26.4

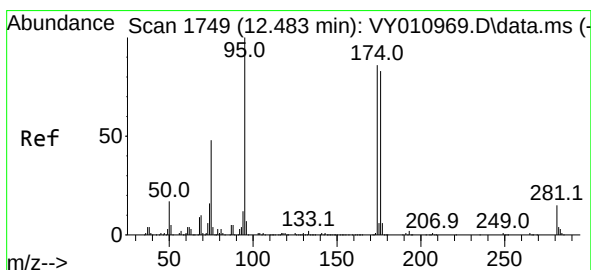
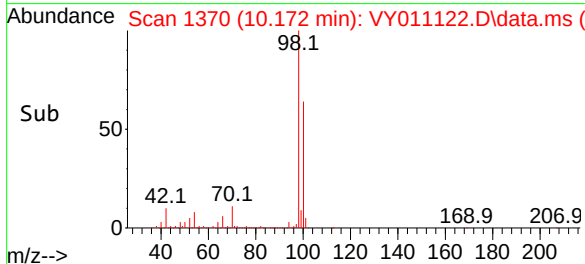
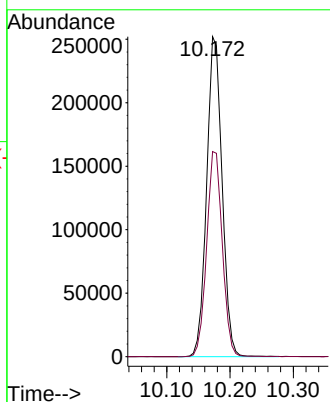
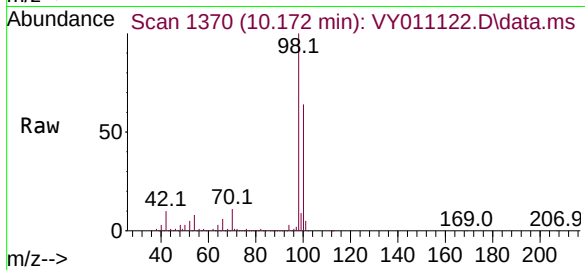




#50
Toluene-d8
Concen: 35.134 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011122.D
Acq: 26 Oct 2022 17:28

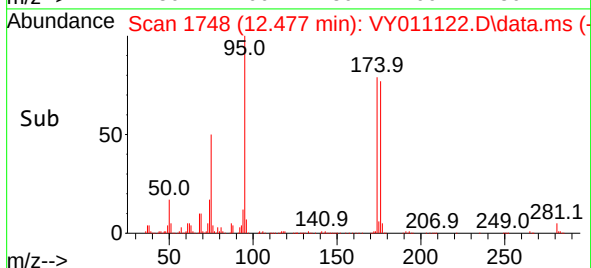
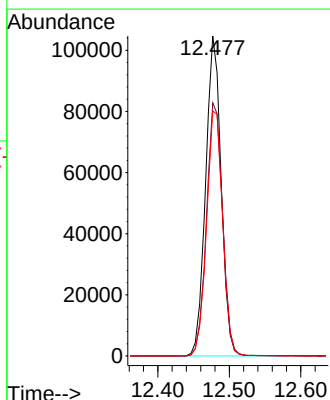
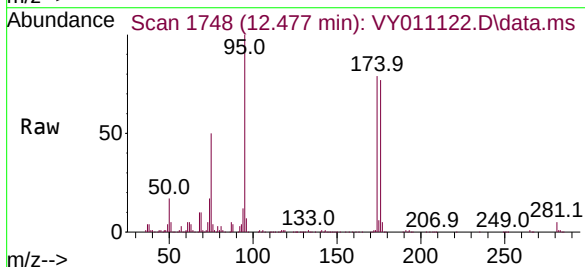
Instrument :
MSVOA_Y
ClientSampleId :
SB-5D

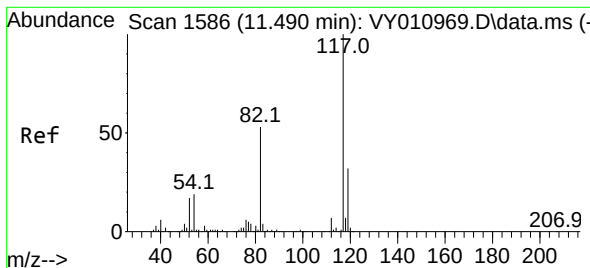
Tgt Ion: 98 Resp: 428276
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.627 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011122.D
Acq: 26 Oct 2022 17:28

Tgt Ion: 95 Resp: 157650
Ion Ratio Lower Upper
95 100
174 82.2 0.0 177.0
176 79.3 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: VY011122.D

Acq: 26 Oct 2022 17:28

Instrument :

MSVOA_Y

ClientSampleId :

SB-5D

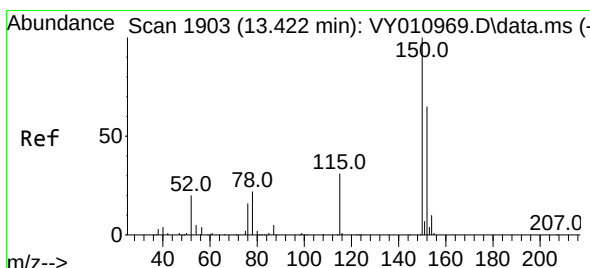
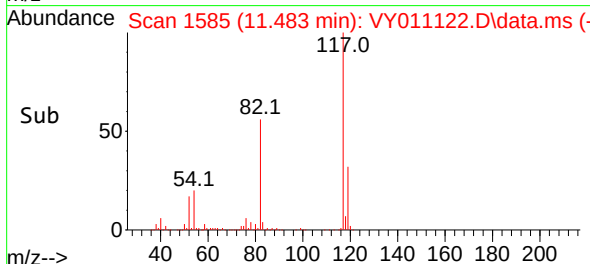
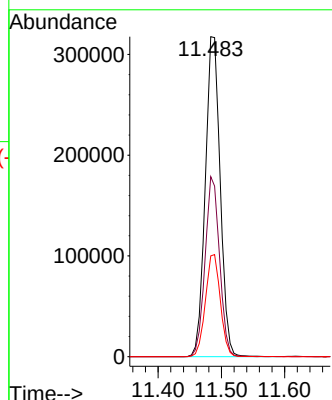
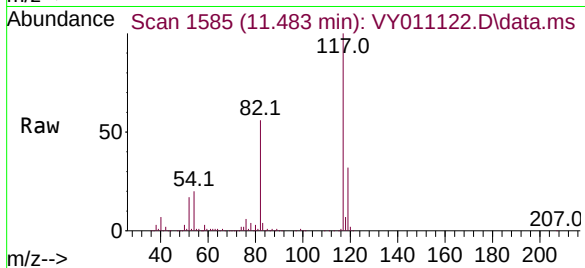
Tgt Ion:117 Resp: 522271

Ion Ratio Lower Upper

117 100

82 56.2 43.0 64.4

119 31.5 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: VY011122.D

Acq: 26 Oct 2022 17:28

Tgt Ion:152 Resp: 238880

Ion Ratio Lower Upper

152 100

115 58.3 28.2 84.7

150 157.2 0.0 347.6

