

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102622\
 Data File : VY011107.D
 Acq On : 26 Oct 2022 11:24
 Operator : KP/MD
 Sample : VY1026SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1026SBL01

Quant Time: Oct 27 04:37:39 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	221281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	373000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	335816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157187	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	97891	48.025	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.060%
35) Dibromofluoromethane	7.710	113	103008	49.521	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.040%
50) Toluene-d8	10.179	98	319013	40.961	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.920%
62) 4-Bromofluorobenzene	12.477	95	116128	41.576	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.160%

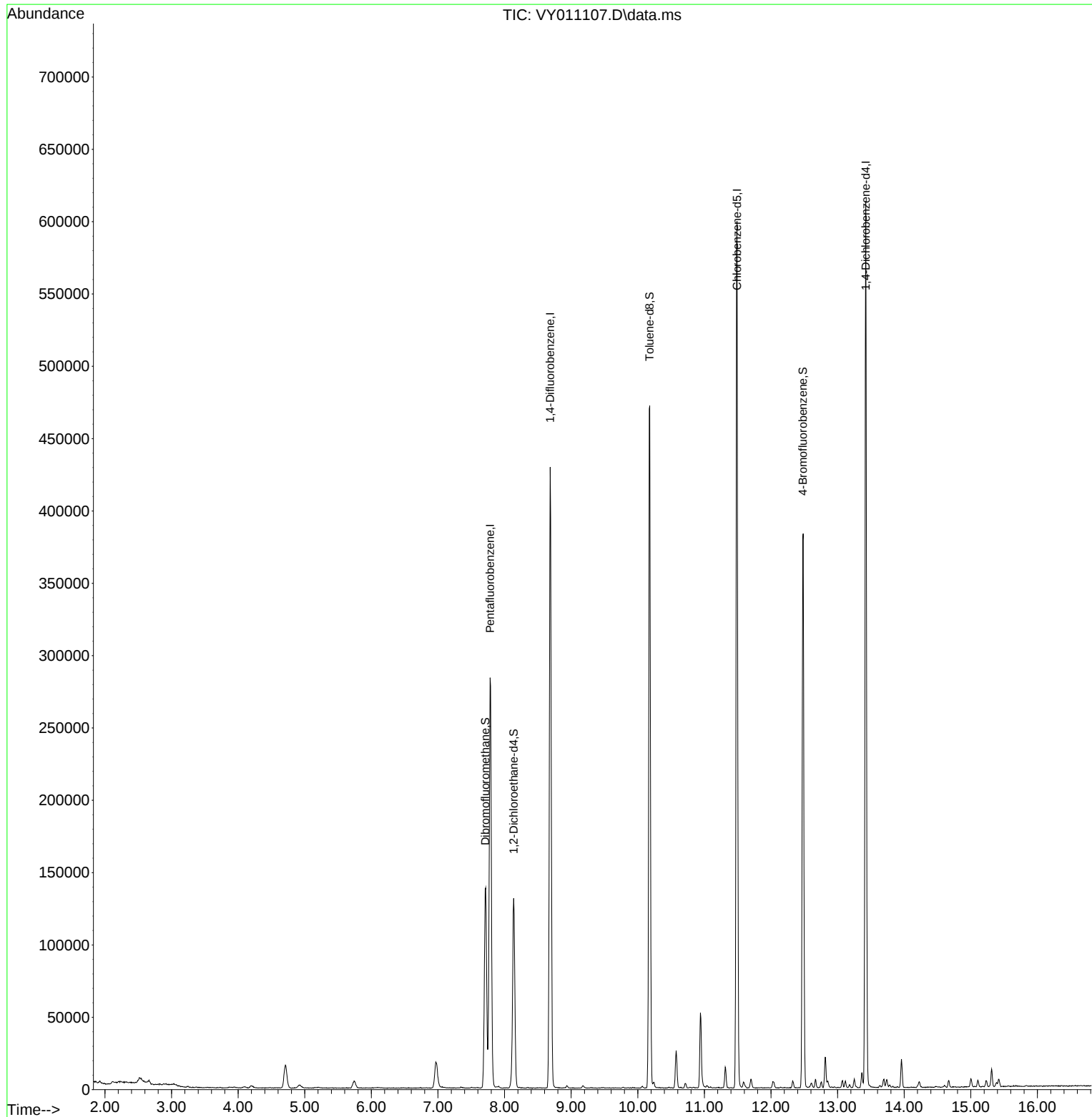
Target Compounds	Qvalue

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

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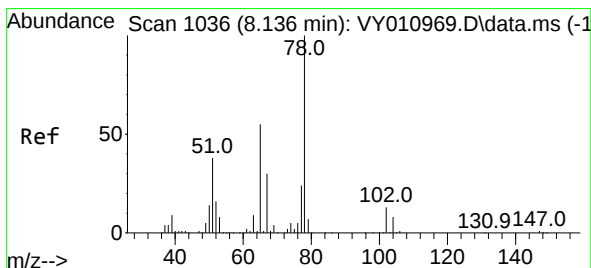
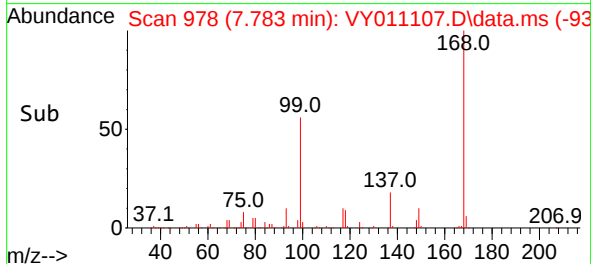
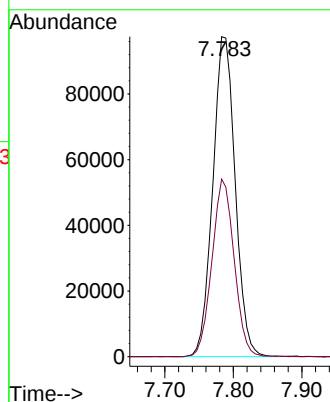
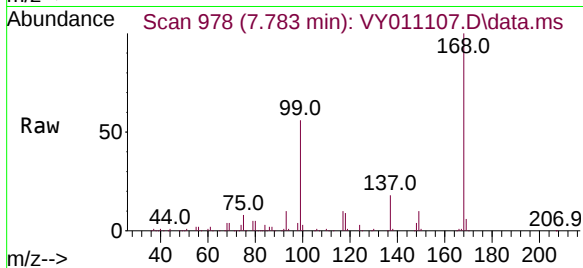




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011107.D
Acq: 26 Oct 2022 11:24

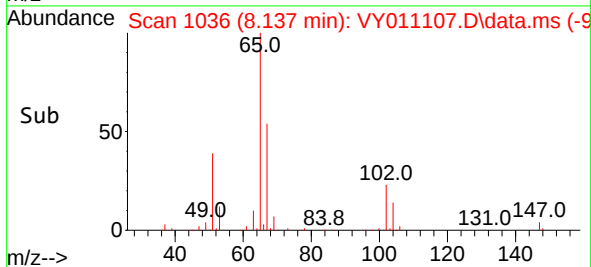
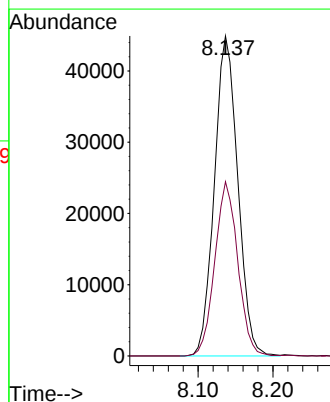
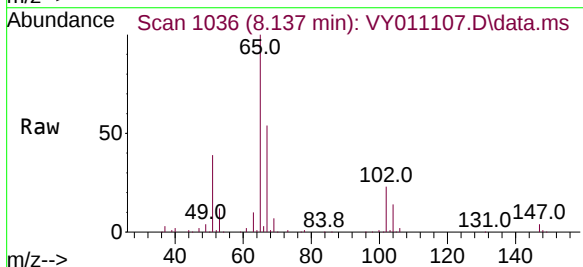
Instrument :
MSVOA_Y
ClientSampleId :
VY1026SBL01

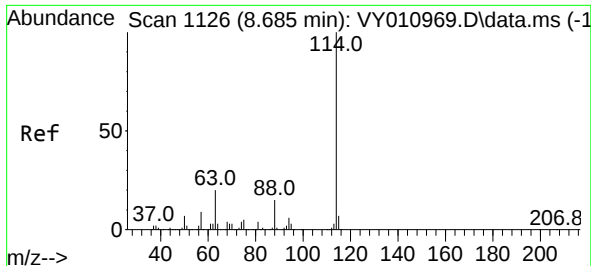
Tgt Ion:168 Resp: 221281
Ion Ratio Lower Upper
168 100
99 55.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 48.025 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011107.D
Acq: 26 Oct 2022 11:24

Tgt Ion: 65 Resp: 97891
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4

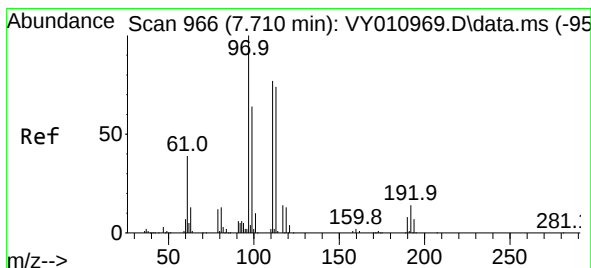
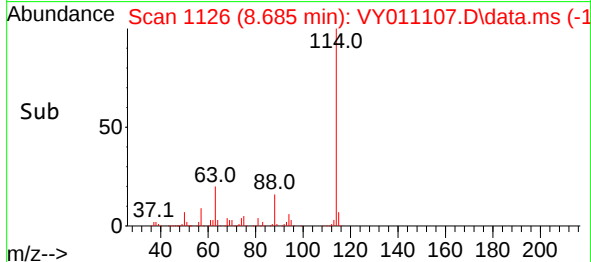
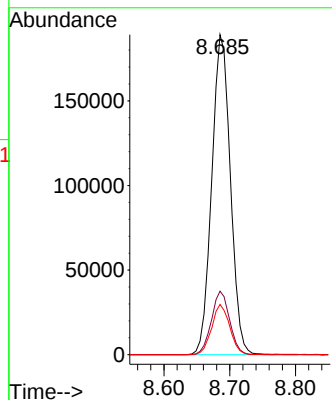
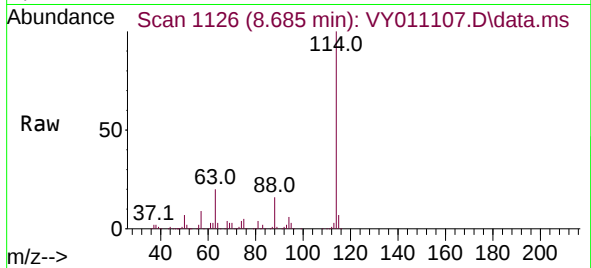




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011107.D
Acq: 26 Oct 2022 11:24

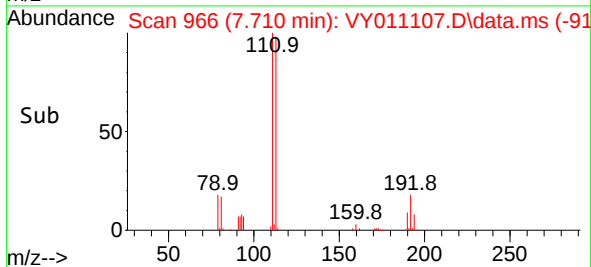
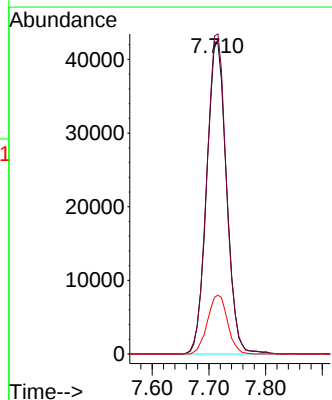
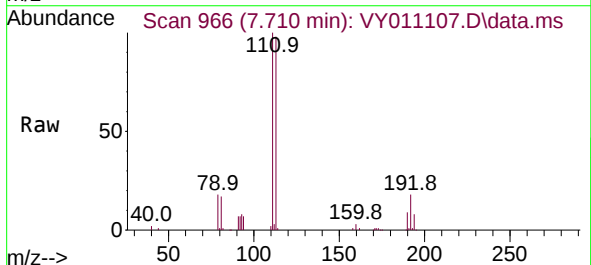
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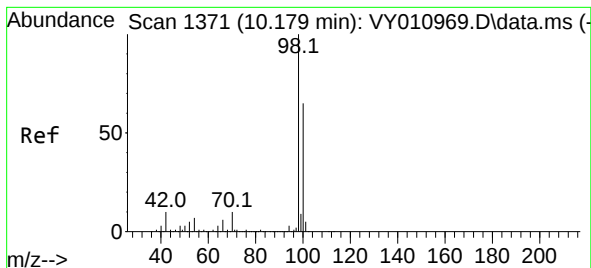
Tgt Ion:114 Resp: 373000
Ion Ratio Lower Upper
114 100
63 19.8 0.0 43.2
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.521 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY011107.D
Acq: 26 Oct 2022 11:24

Tgt Ion:113 Resp: 103008
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 19.0 17.6 26.4

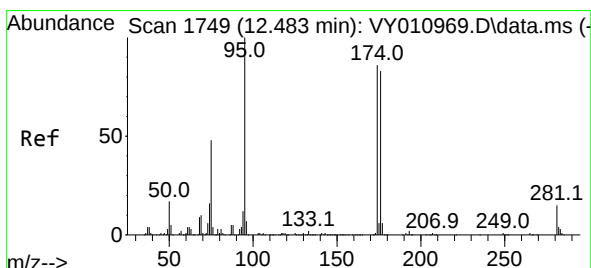
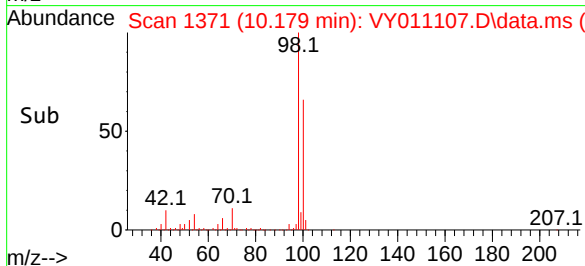
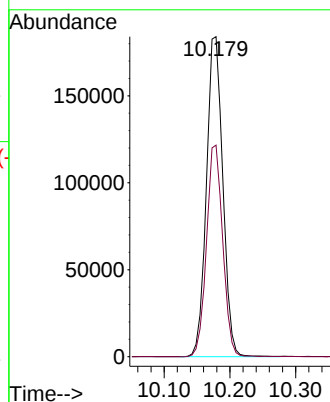
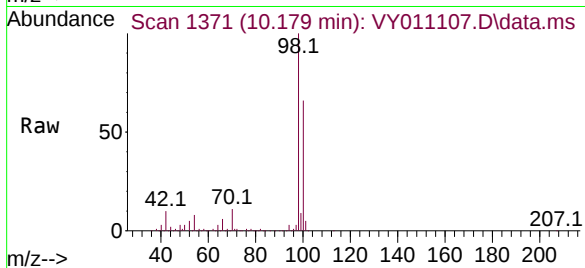




#50
Toluene-d8
Concen: 40.961 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011107.D
Acq: 26 Oct 2022 11:24

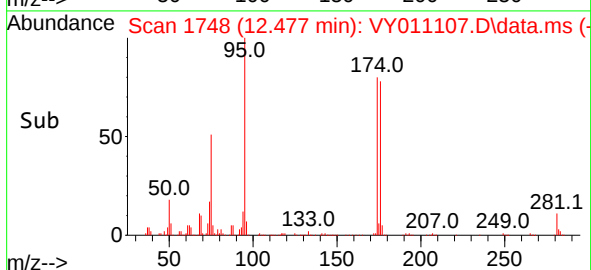
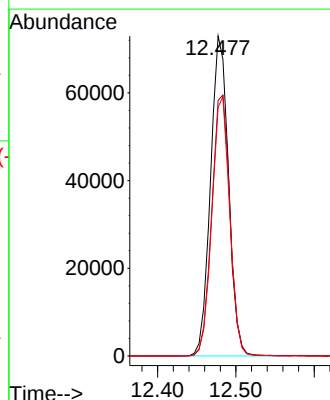
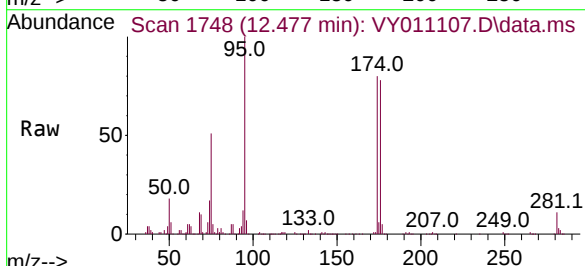
Instrument :
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VY1026SBL01

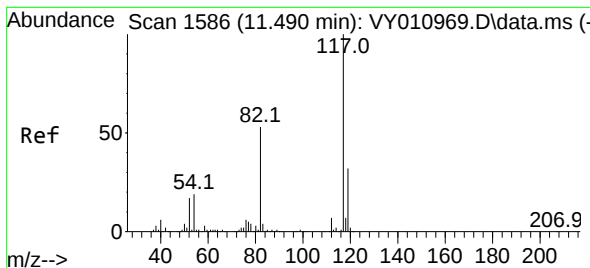
Tgt Ion: 98 Resp: 319013
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.576 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011107.D
Acq: 26 Oct 2022 11:24

Tgt Ion: 95 Resp: 116128
Ion Ratio Lower Upper
95 100
174 82.9 0.0 177.0
176 80.3 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: VY011107.D

Acq: 26 Oct 2022 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY1026SBL01

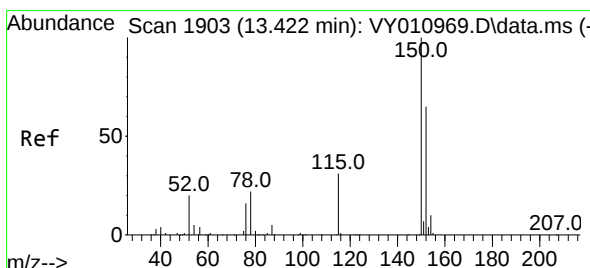
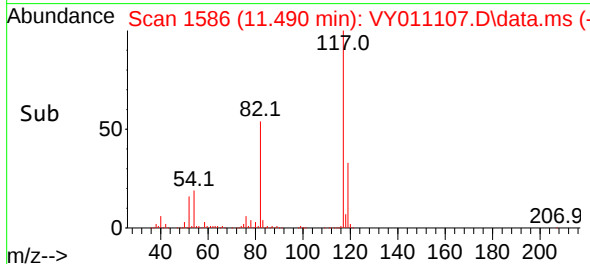
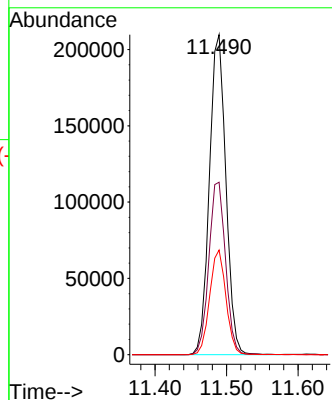
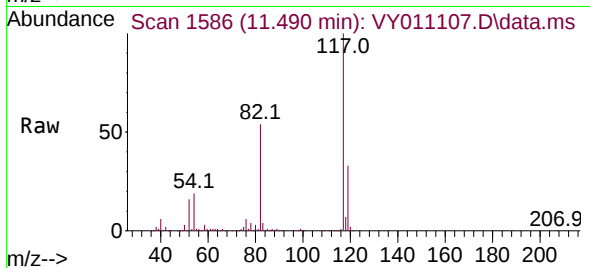
Tgt Ion:117 Resp: 335816

Ion Ratio Lower Upper

117 100

82 53.9 43.0 64.4

119 32.7 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: VY011107.D

Acq: 26 Oct 2022 11:24

Tgt Ion:152 Resp: 157187

Ion Ratio Lower Upper

152 100

115 59.2 28.2 84.7

150 157.7 0.0 347.6

