

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014894.D
 Acq On : 27 Jul 2023 19:56
 Operator : SY/MD
 Sample : 03686-15
 Misc : 3.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-22-18-20-20230721

Quant Time: Jul 28 02:39:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	160666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	285645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	277254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134494	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	103422	56.488	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.980%
35) Dibromofluoromethane	7.710	113	90842	49.959	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.920%
50) Toluene-d8	10.173	98	340378	50.773	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.540%
62) 4-Bromofluorobenzene	12.477	95	125245	48.724	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.440%

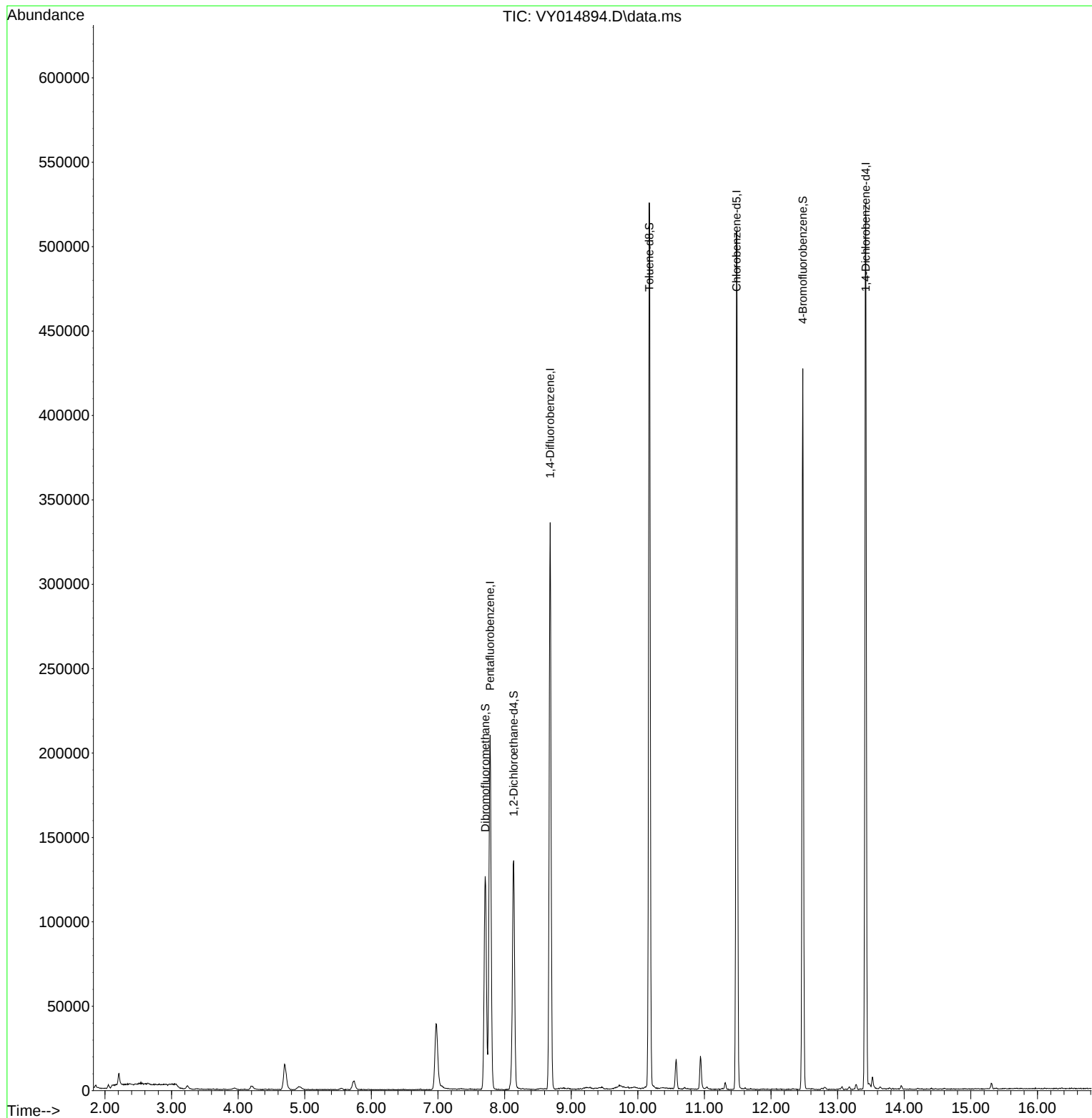
Target Compounds	Qvalue

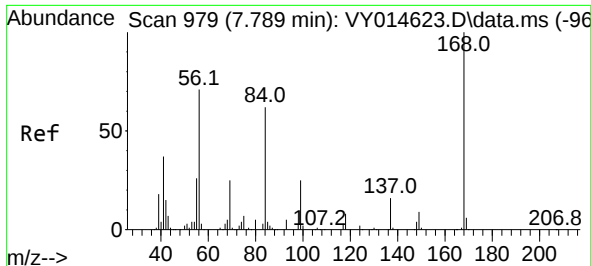
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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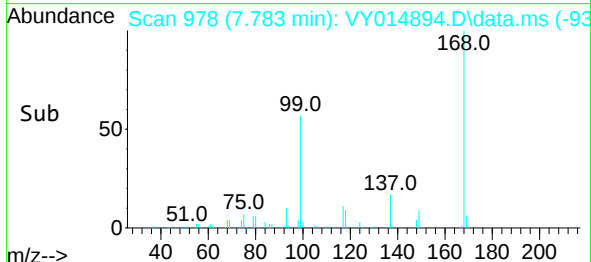
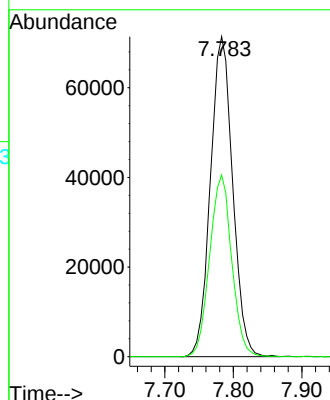
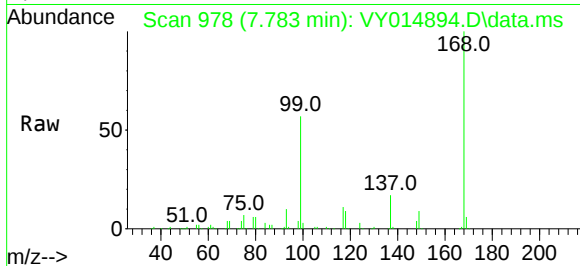




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014894.D
Acq: 27 Jul 2023 19:56

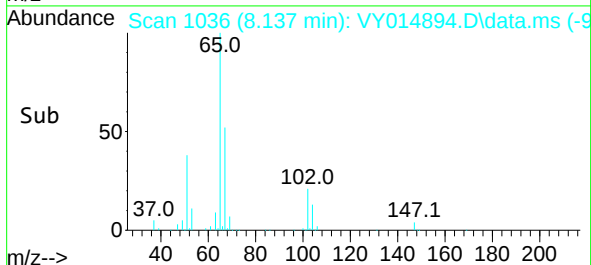
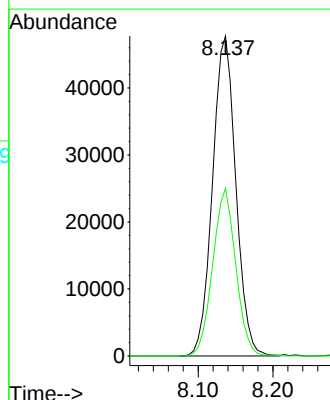
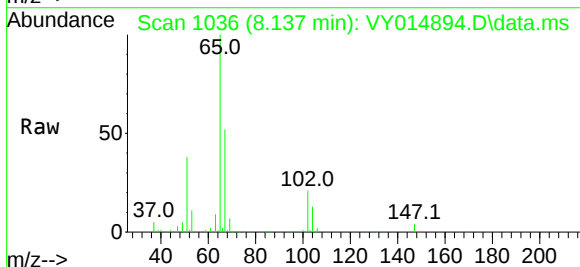
Instrument :
MSVOA_Y
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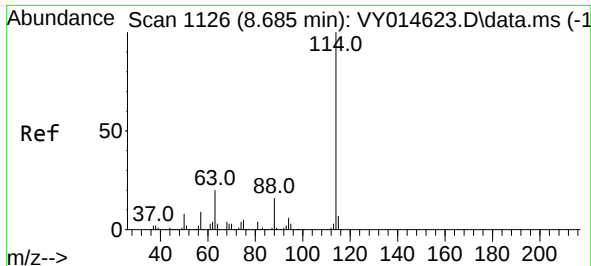
Tgt Ion:168 Resp: 160666
Ion Ratio Lower Upper
168 100
99 56.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 56.488 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY014894.D
Acq: 27 Jul 2023 19:56

Tgt Ion: 65 Resp: 103422
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.8

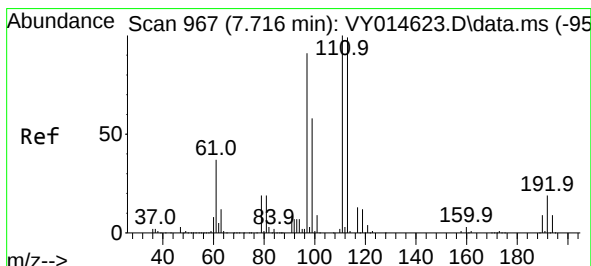
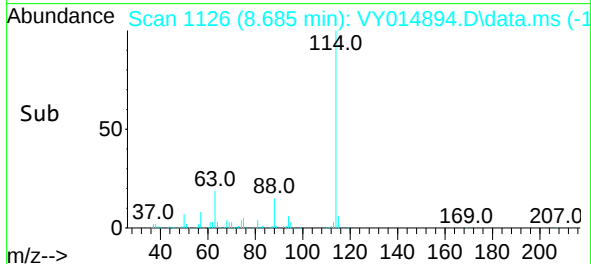
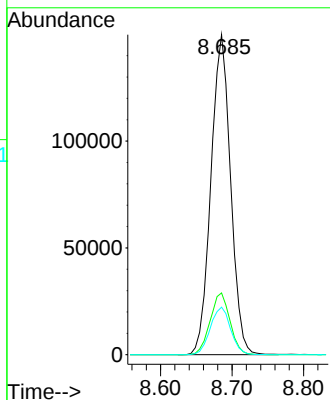
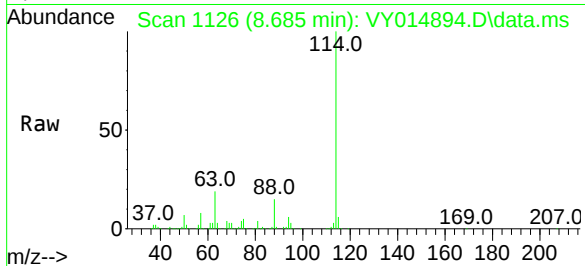




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014894.D
Acq: 27 Jul 2023 19:56

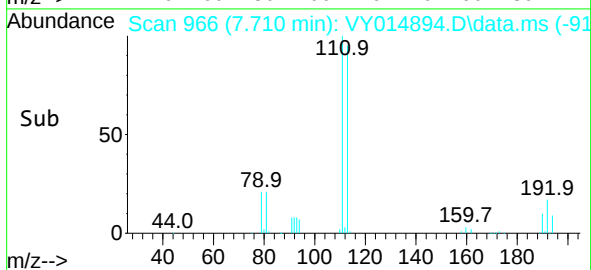
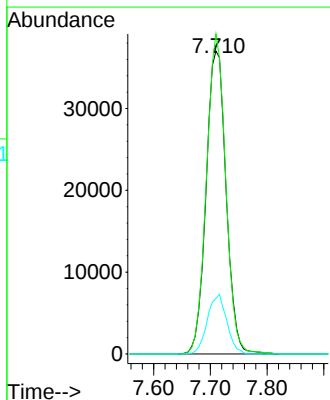
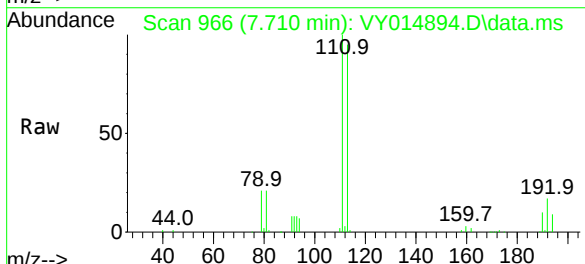
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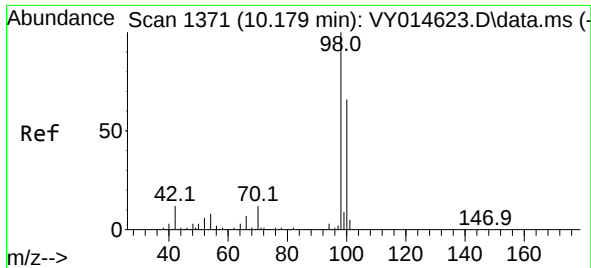
Tgt Ion:114 Resp: 285645
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.4
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.959 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014894.D
Acq: 27 Jul 2023 19:56

Tgt Ion:113 Resp: 90842
Ion Ratio Lower Upper
113 100
111 101.5 81.3 121.9
192 19.0 16.9 25.3

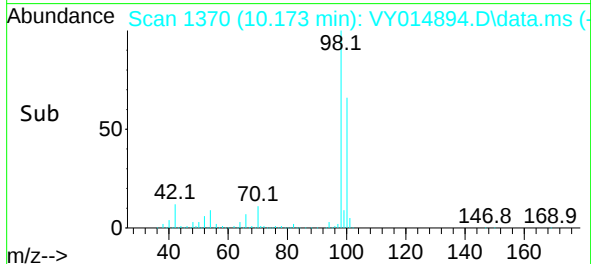
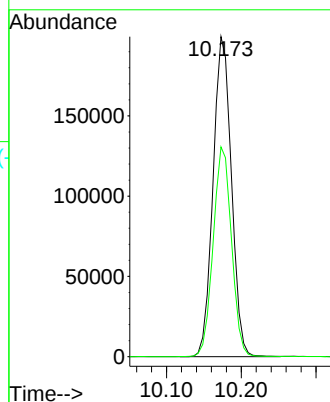
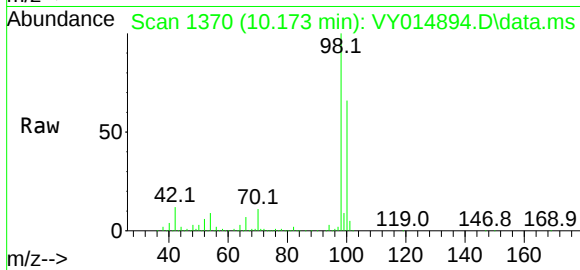




#50
Toluene-d8
Concen: 50.773 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014894.D
Acq: 27 Jul 2023 19:56

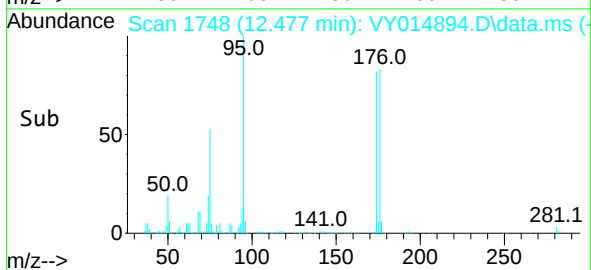
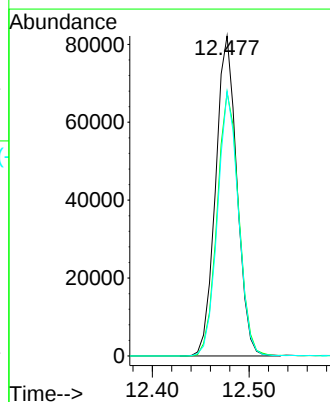
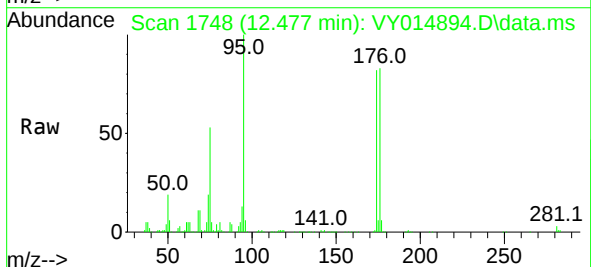
Instrument :
MSVOA_Y
ClientSampleId :
SB-22-18-20-20230721

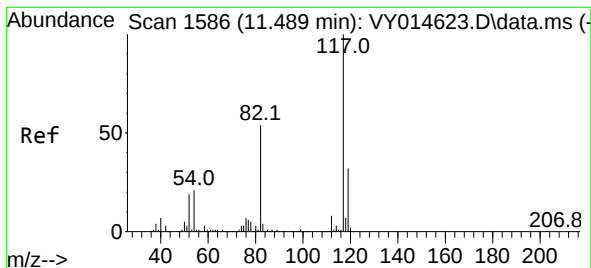
Tgt Ion: 98 Resp: 340378
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.724 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014894.D
Acq: 27 Jul 2023 19:56

Tgt Ion: 95 Resp: 125245
Ion Ratio Lower Upper
95 100
174 83.7 0.0 178.2
176 80.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014894.D

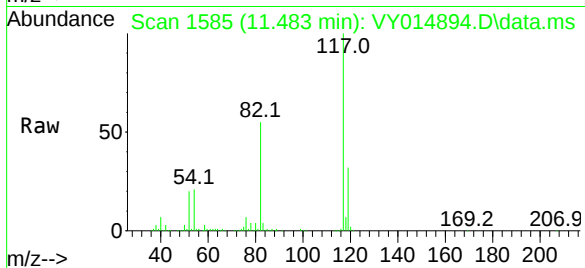
Acq: 27 Jul 2023 19:56

Instrument :

MSVOA_Y

ClientSampleId :

SB-22-18-20-20230721



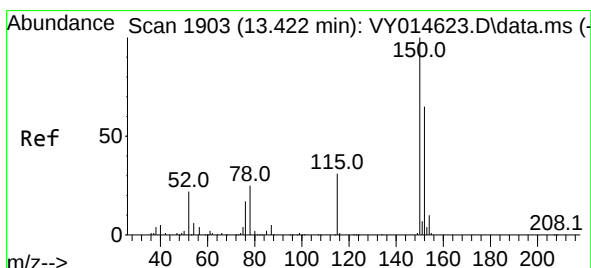
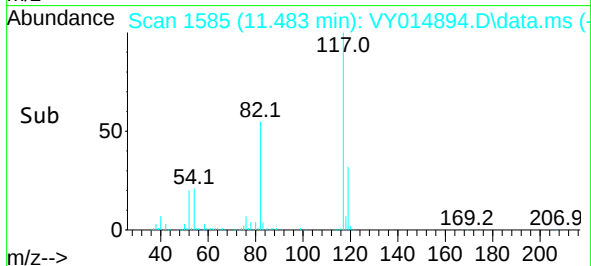
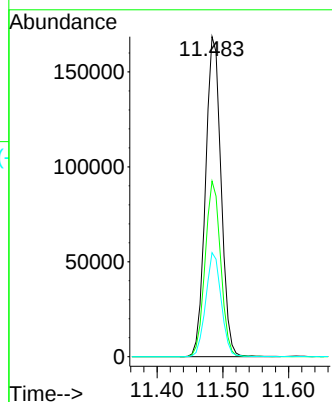
Tgt Ion:117 Resp: 277254

Ion Ratio Lower Upper

117 100

82 54.8 43.4 65.0

119 32.5 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014894.D

Acq: 27 Jul 2023 19:56

Tgt Ion:152 Resp: 134494

Ion Ratio Lower Upper

152 100

115 59.5 28.8 86.5

150 157.5 0.0 348.8

