

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014712.D
 Acq On : 20 Jul 2023 11:47
 Operator : SY/MD
 Sample : VY0720SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0720SBL01

Quant Time: Jul 20 14:08:52 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	7.789	168	210397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	370191	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	346346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	164736	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	129391	53.968	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.940%
35) Dibromofluoromethane	7.716	113	115954	49.205	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.420%
50) Toluene-d8	10.179	98	433778	49.928	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.860%
62) 4-Bromofluorobenzene	12.477	95	161907	48.601	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.200%

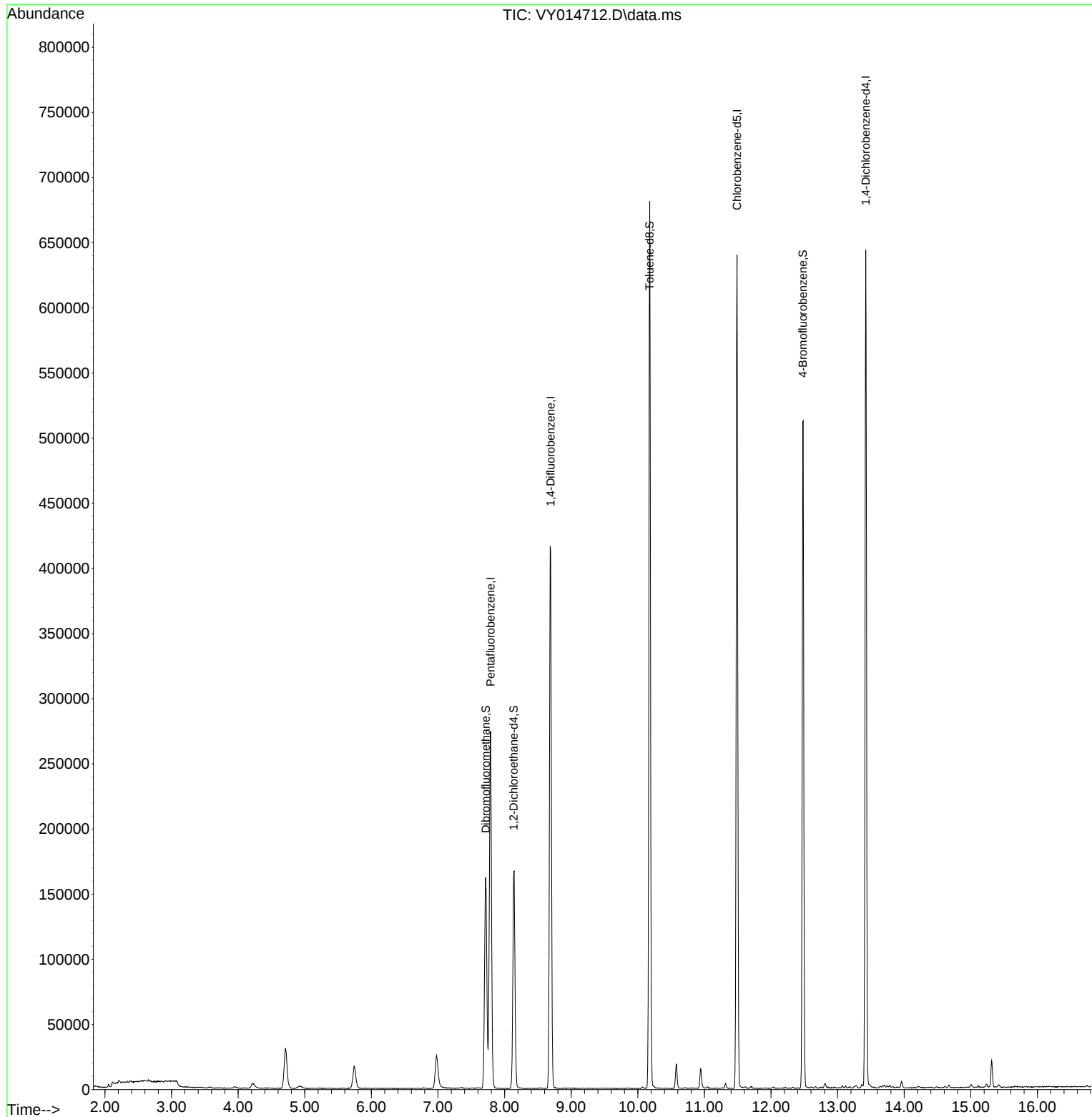
Target Compounds	Qvalue

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

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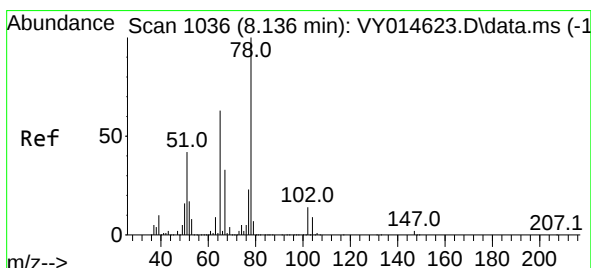
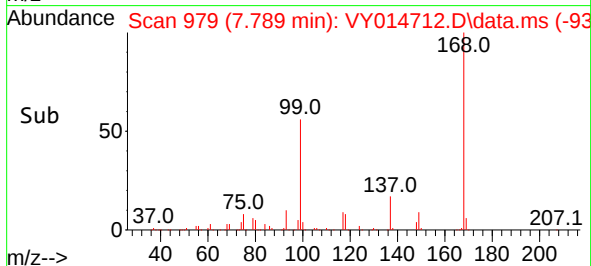
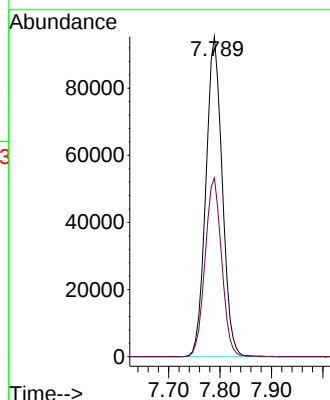
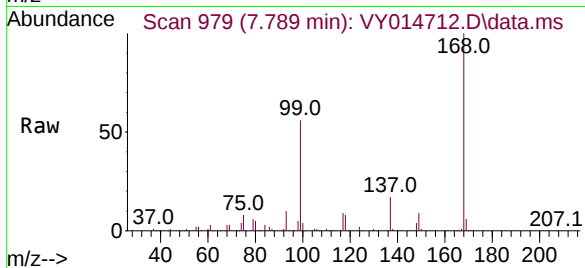




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014712.D
Acq: 20 Jul 2023 11:47

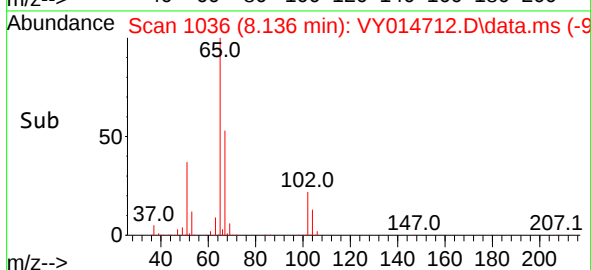
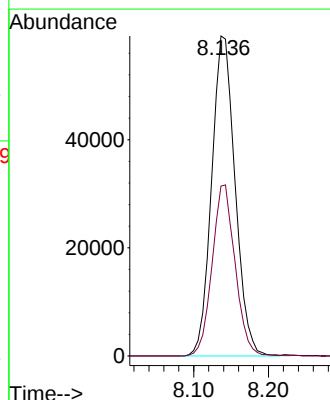
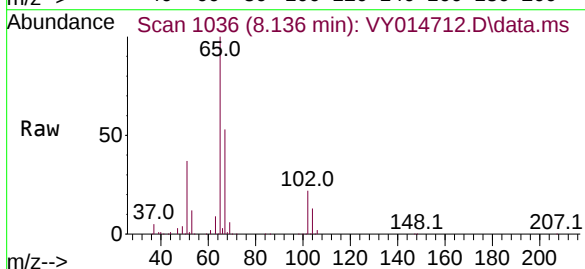
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBL01

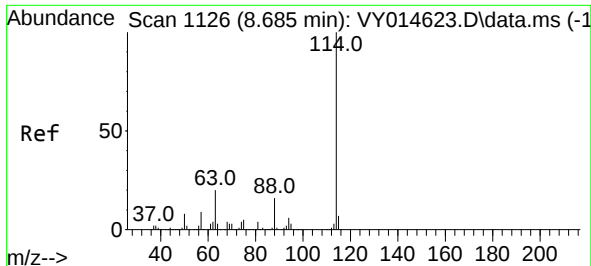
Tgt Ion:168 Resp: 210397
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 53.968 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014712.D
Acq: 20 Jul 2023 11:47

Tgt Ion: 65 Resp: 129391
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.8

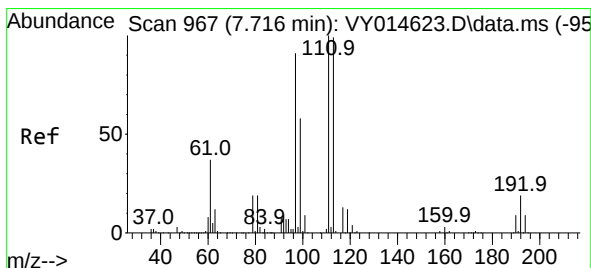
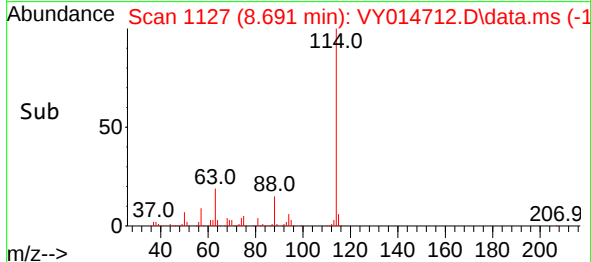
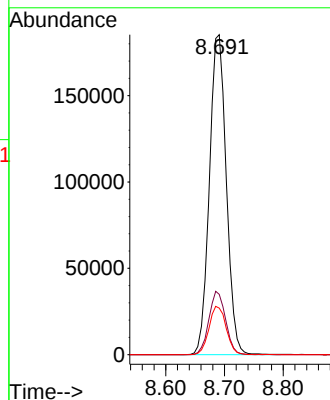
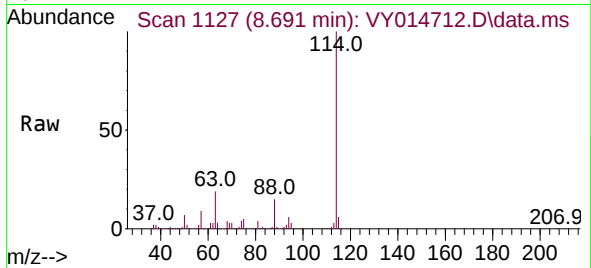




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY014712.D
Acq: 20 Jul 2023 11:47

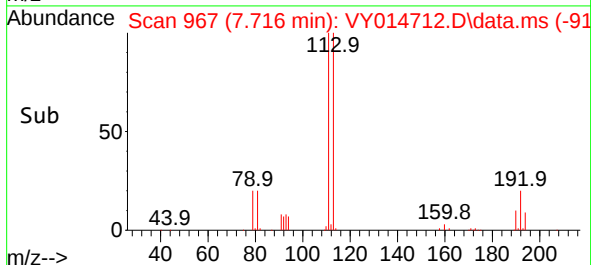
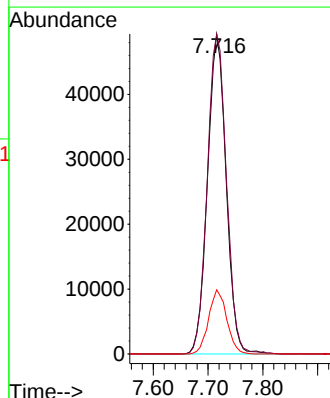
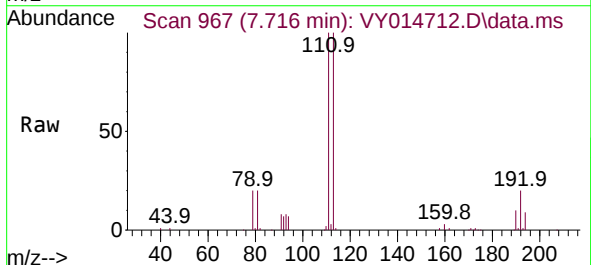
Instrument :
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ClientSampleId :
VY0720SBL01

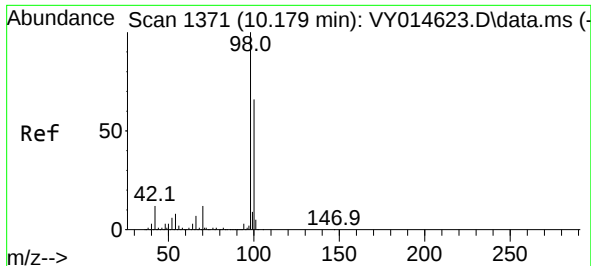
Tgt Ion:114	Resp:	370191
Ion	Ratio	Lower Upper
114	100	
63	18.9	0.0 42.4
88	14.6	0.0 30.6



#35
Dibromofluoromethane
Concen: 49.205 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014712.D
Acq: 20 Jul 2023 11:47

Tgt Ion:113	Resp:	115954
Ion	Ratio	Lower Upper
113	100	
111	103.1	81.3 121.9
192	19.6	16.9 25.3

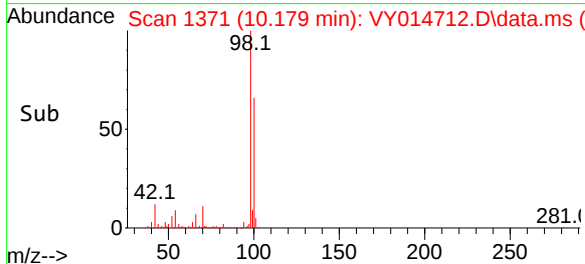
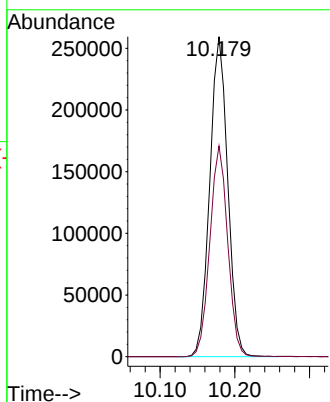
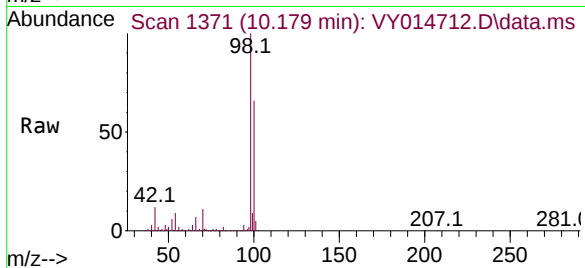




#50
Toluene-d8
Concen: 49.928 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014712.D
Acq: 20 Jul 2023 11:47

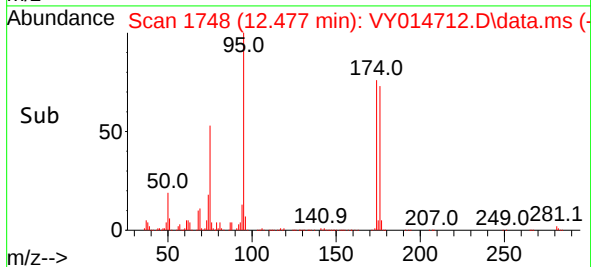
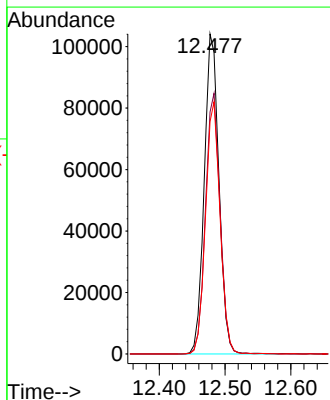
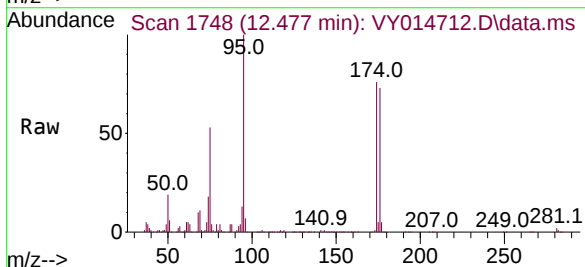
Instrument :
MSVOA_Y
ClientSampleId :
VY0720SBL01

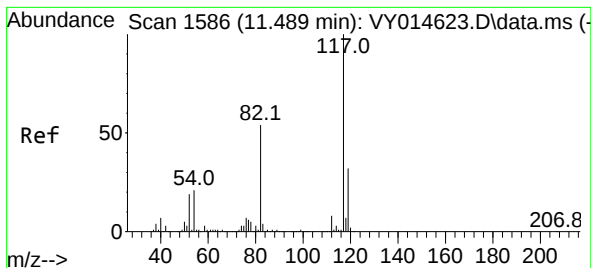
Tgt Ion: 98 Resp: 433778
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.601 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014712.D
Acq: 20 Jul 2023 11:47

Tgt Ion: 95 Resp: 161907
Ion Ratio Lower Upper
95 100
174 80.8 0.0 178.2
176 78.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014712.D

Acq: 20 Jul 2023 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0720SBL01

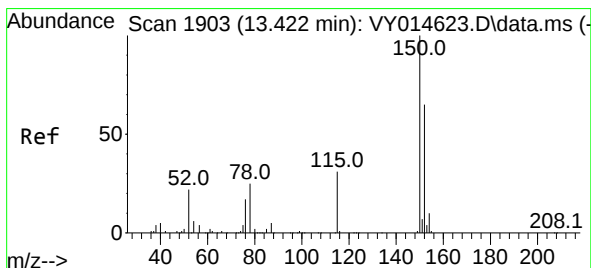
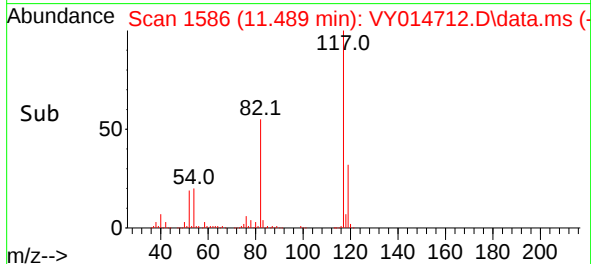
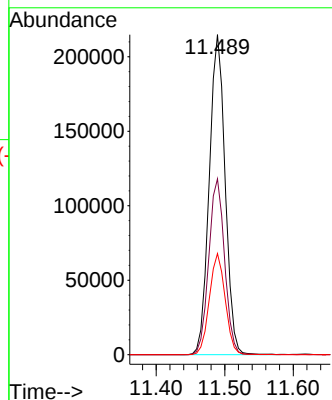
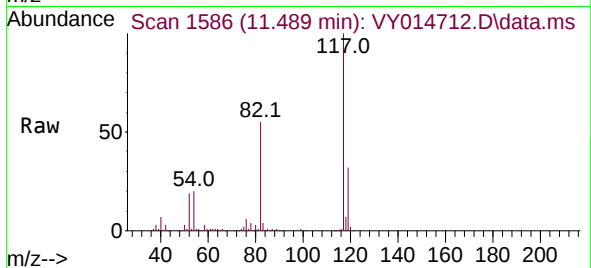
Tgt Ion:117 Resp: 346346

Ion Ratio Lower Upper

117 100

82 54.9 43.4 65.0

119 31.6 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: VY014712.D

Acq: 20 Jul 2023 11:47

Tgt Ion:152 Resp: 164736

Ion Ratio Lower Upper

152 100

115 60.3 28.8 86.5

150 156.8 0.0 348.8

