

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071323\
 Data File : VY014629.D
 Acq On : 13 Jul 2023 16:02
 Operator : SY/MD
 Sample : VY0713SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0713SBL01

Quant Time: Jul 14 04:25:38 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	253071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	438253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	399976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	187661	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	151531	52.545	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.080%
35) Dibromofluoromethane	7.710	113	138012	49.470	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.940%
50) Toluene-d8	10.173	98	518299	50.391	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.780%
62) 4-Bromofluorobenzene	12.477	95	194855	49.408	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.820%

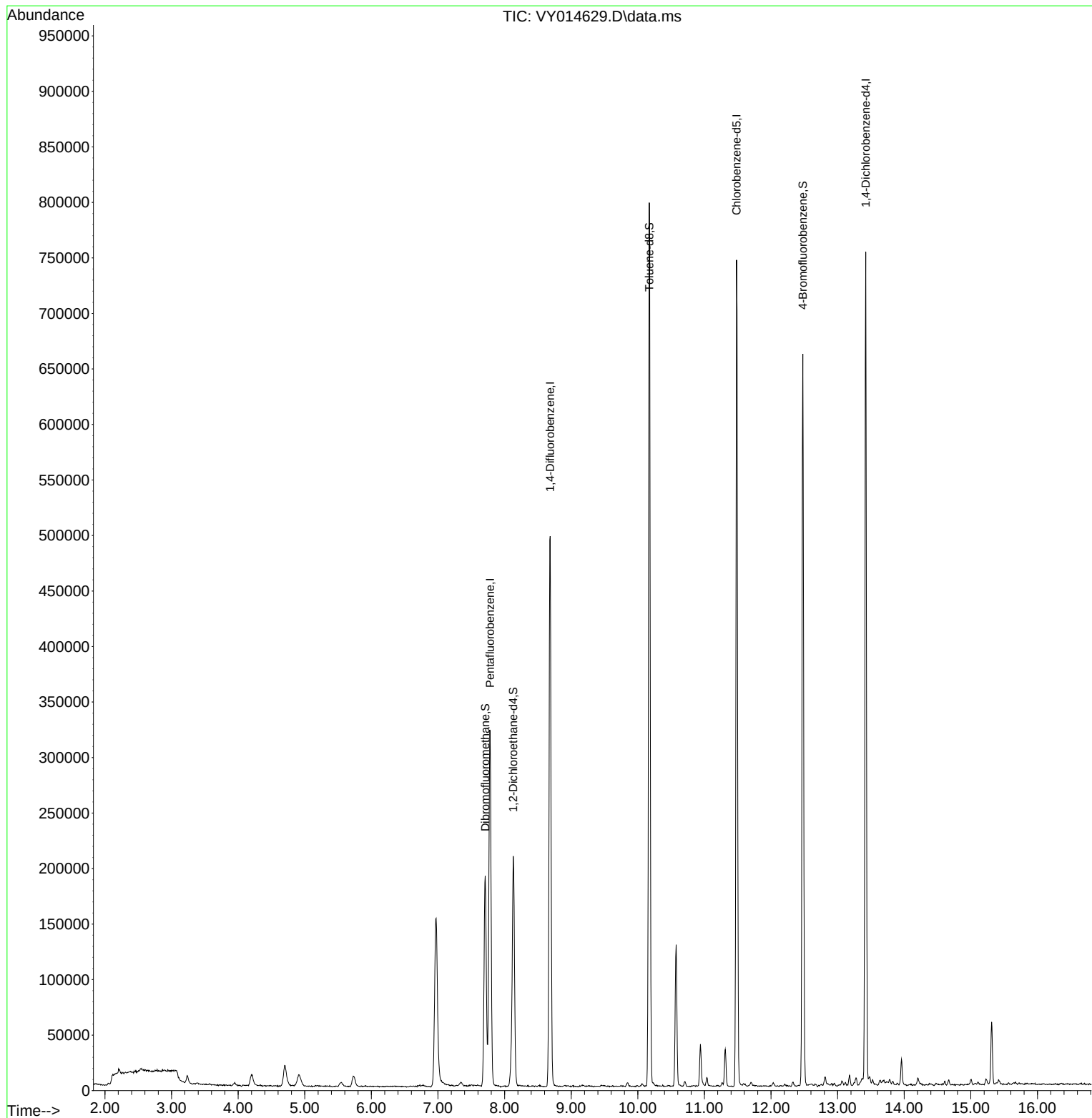
Target Compounds	Qvalue

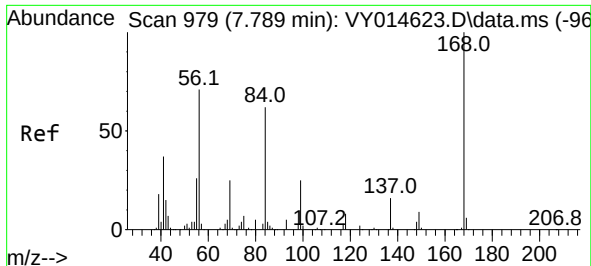
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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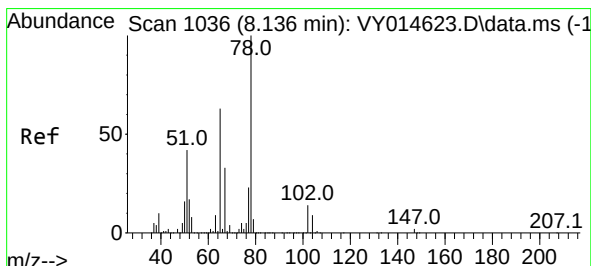
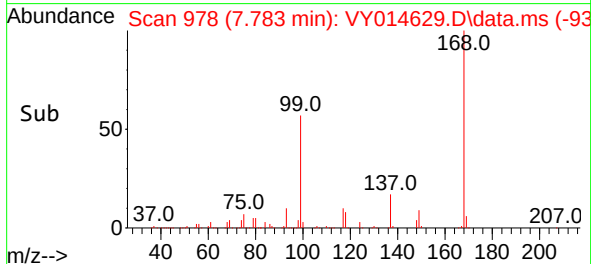
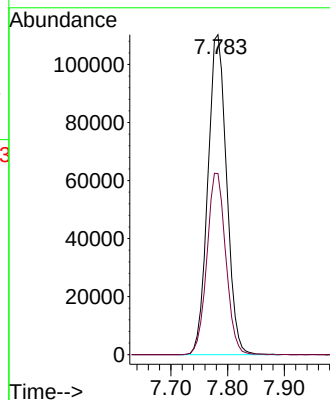
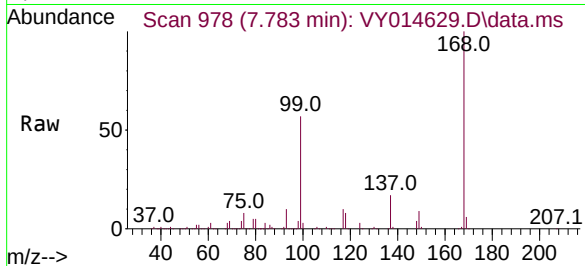




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014629.D
Acq: 13 Jul 2023 16:02

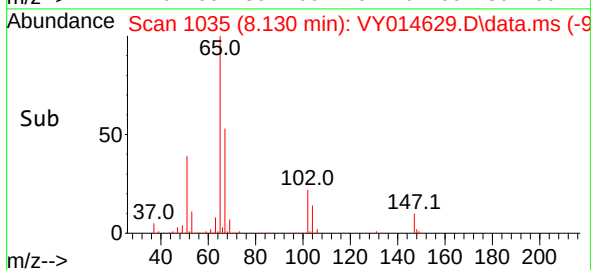
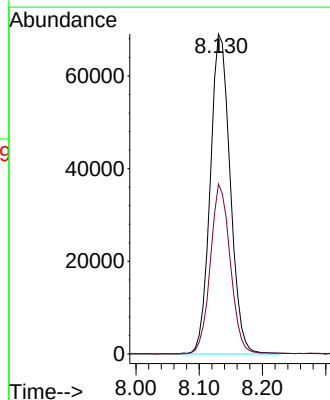
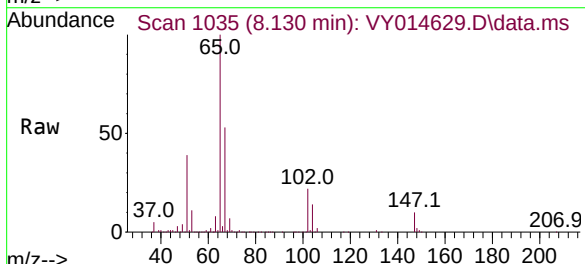
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBL01

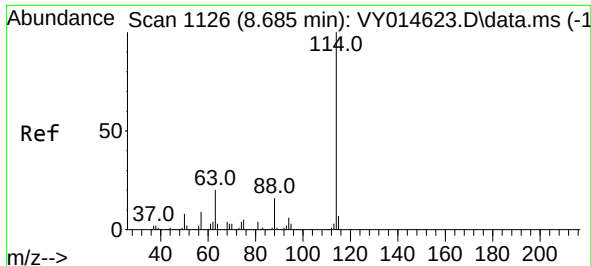
Tgt Ion:168 Resp: 253071
Ion Ratio Lower Upper
168 100
99 56.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 52.545 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY014629.D
Acq: 13 Jul 2023 16:02

Tgt Ion: 65 Resp: 151531
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.8

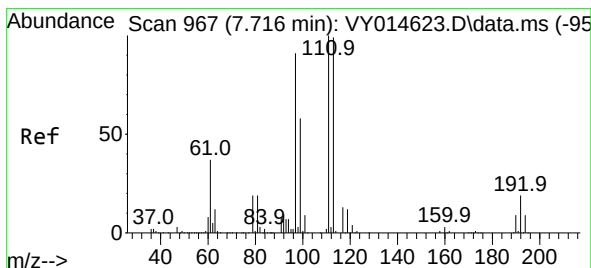
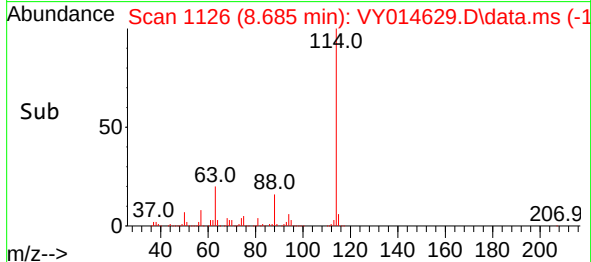
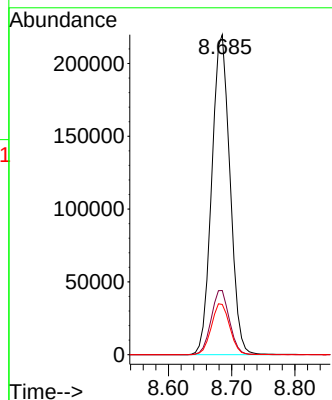
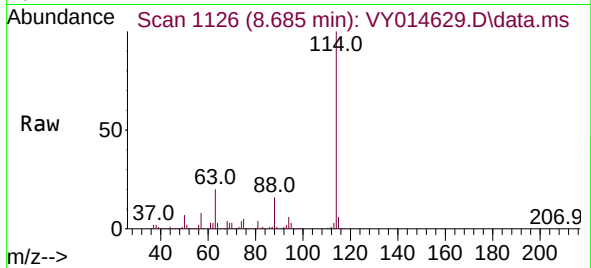




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014629.D
Acq: 13 Jul 2023 16:02

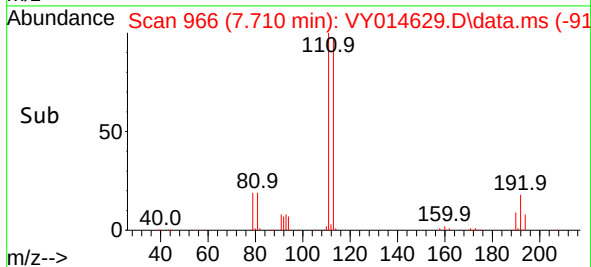
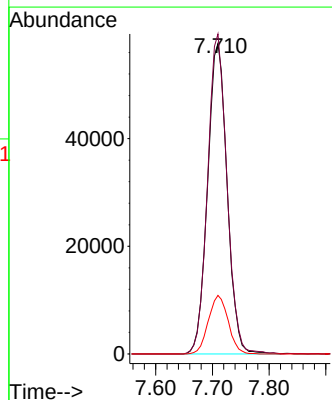
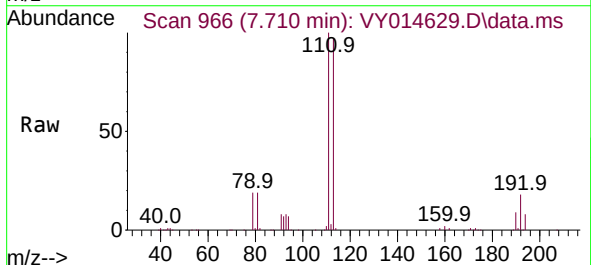
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBL01

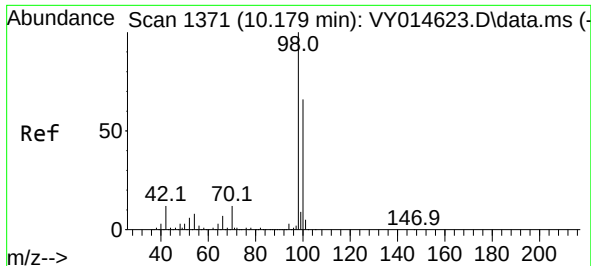
Tgt Ion:114 Resp: 438253
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.4
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.470 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014629.D
Acq: 13 Jul 2023 16:02

Tgt Ion:113 Resp: 138012
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 19.1 16.9 25.3

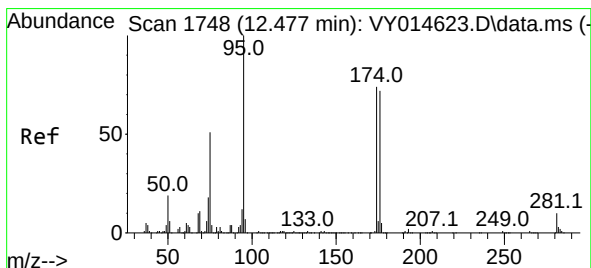
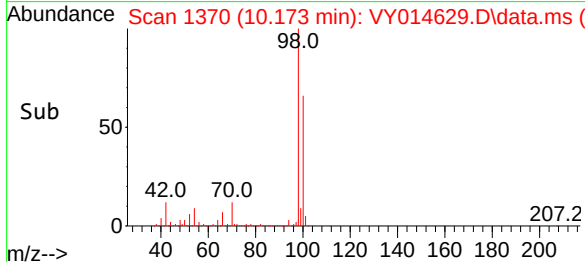
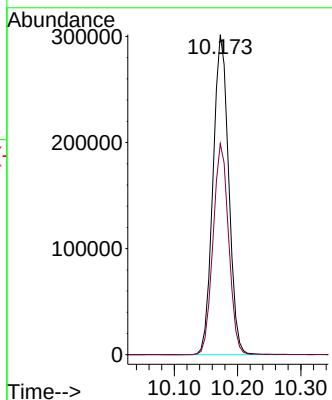
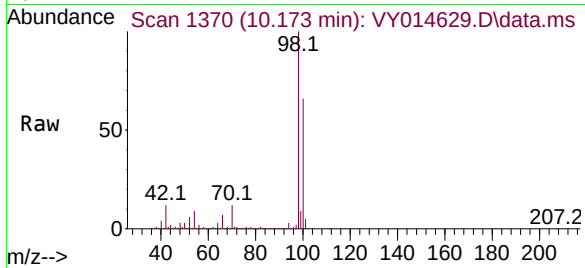




#50
Toluene-d8
Concen: 50.391 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014629.D
Acq: 13 Jul 2023 16:02

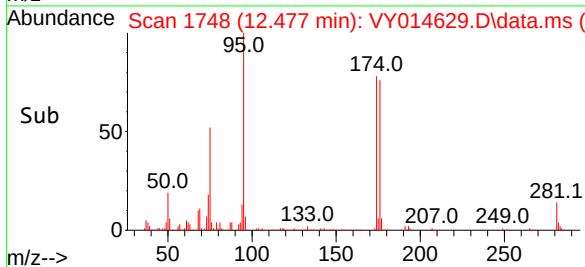
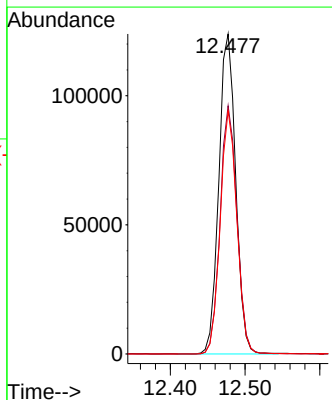
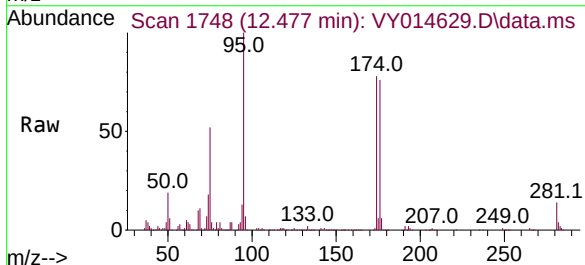
Instrument :
MSVOA_Y
ClientSampleId :
VY0713SBL01

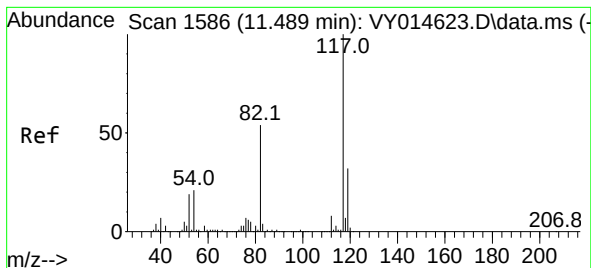
Tgt Ion: 98 Resp: 518299
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.408 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014629.D
Acq: 13 Jul 2023 16:02

Tgt Ion: 95 Resp: 194855
Ion Ratio Lower Upper
95 100
174 77.4 0.0 178.2
176 75.1 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: VY014629.D

Acq: 13 Jul 2023 16:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0713SBL01

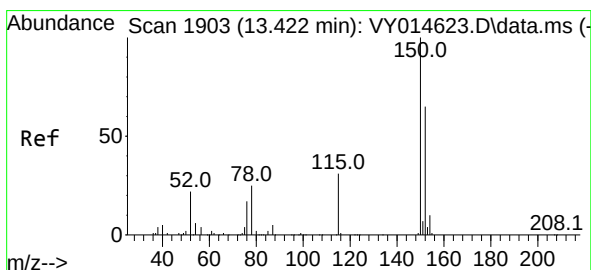
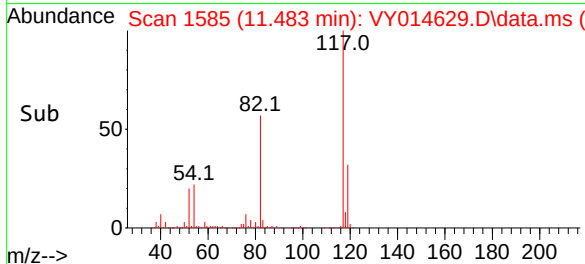
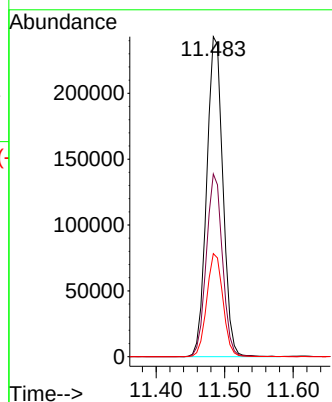
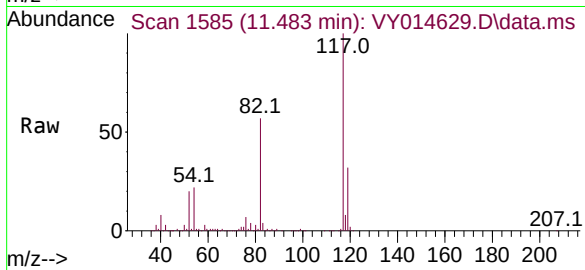
Tgt Ion:117 Resp: 399976

Ion Ratio Lower Upper

117 100

82 57.1 43.4 65.0

119 32.2 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: VY014629.D

Acq: 13 Jul 2023 16:02

Tgt Ion:152 Resp: 187661

Ion Ratio Lower Upper

152 100

115 60.6 28.8 86.5

150 157.0 0.0 348.8

