

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080323\
 Data File : VY014960.D
 Acq On : 03 Aug 2023 19:46
 Operator : SY/MD
 Sample : 03898-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-4-080323

Quant Time: Aug 04 04:34:11 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)

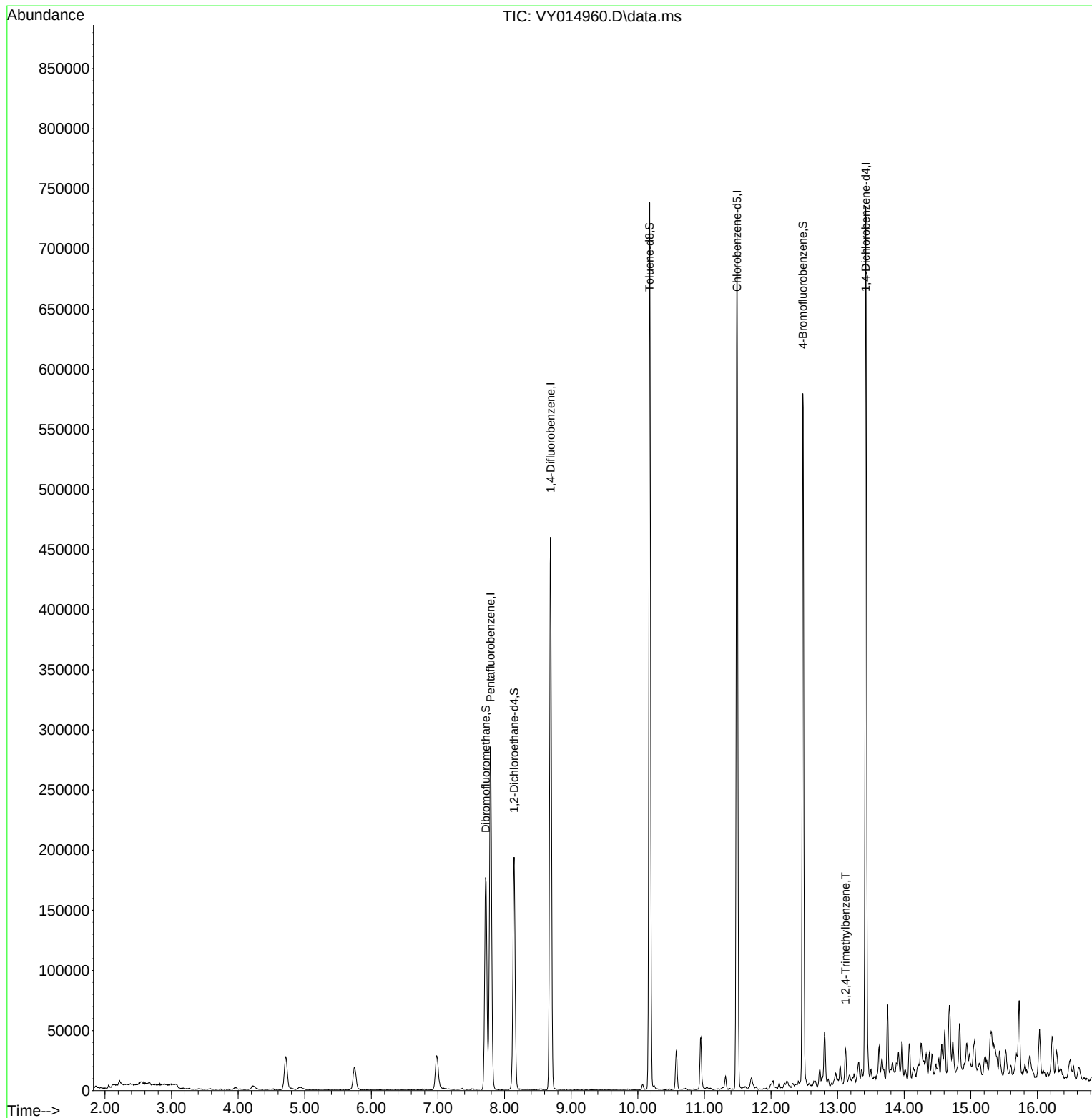
Internal Standards						
1) Pentafluorobenzene	7.789	168	219992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	396497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	384636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	182257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	151120	60.282	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.560%	
35) Dibromofluoromethane	7.716	113	127929	50.685	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.360%	
50) Toluene-d8	10.179	98	469555	50.460	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.920%	
62) 4-Bromofluorobenzene	12.477	95	178647	50.068	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.140%	
Target Compounds						
					Qvalue	
84) 1,2,4-Trimethylbenzene	13.117	105	16445	1.406	ug/l	100

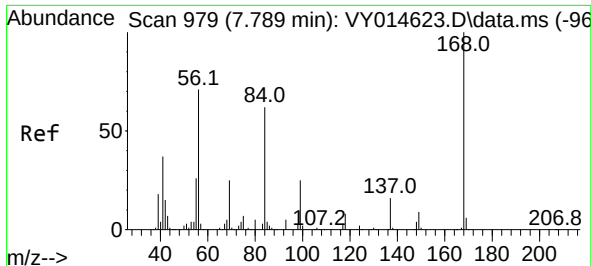
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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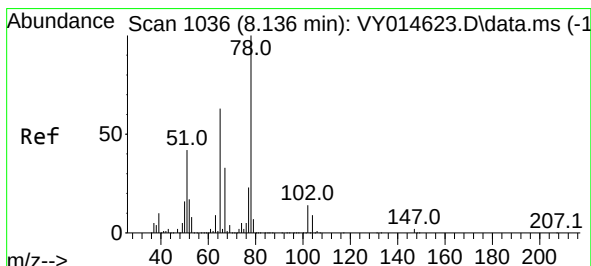
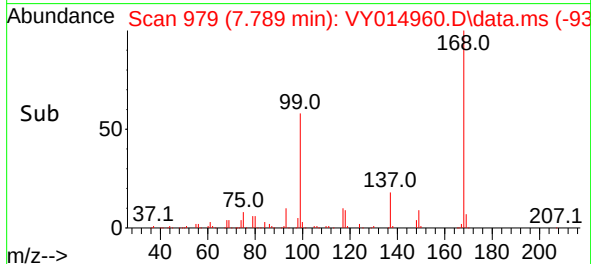
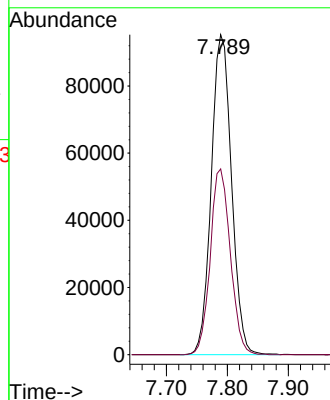
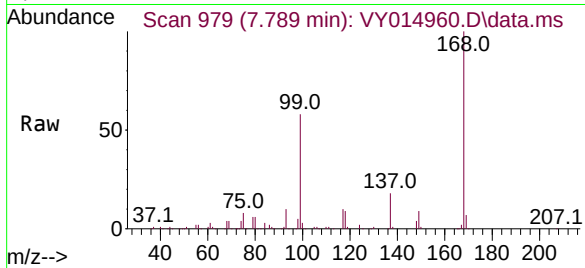




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014960.D
Acq: 03 Aug 2023 19:46

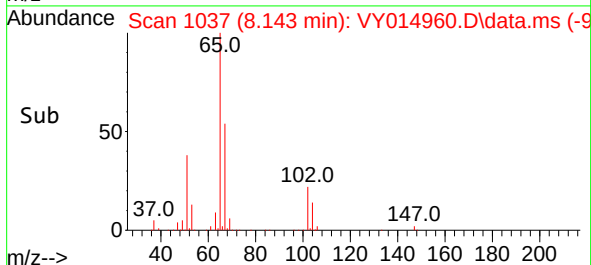
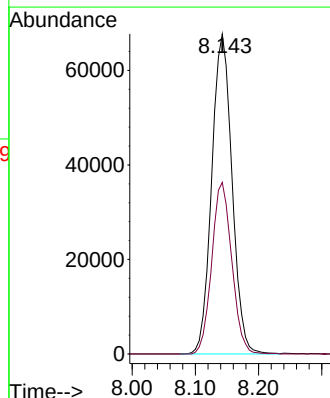
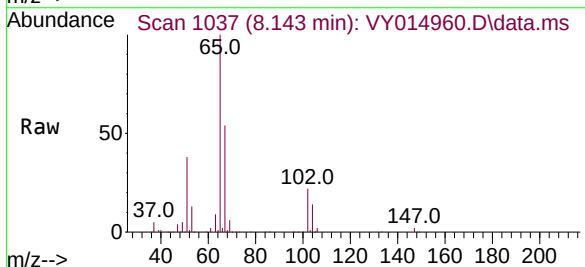
Instrument :
MSVOA_Y
ClientSampleId :
TR-4-080323

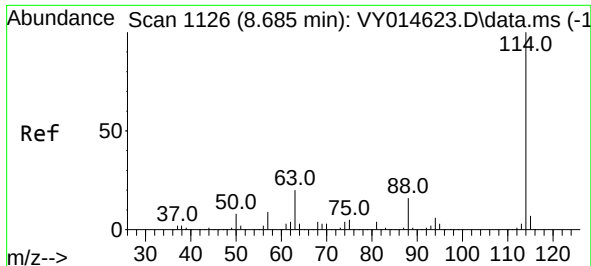
Tgt Ion:168 Resp: 219992
Ion Ratio Lower Upper
168 100
99 58.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 60.282 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY014960.D
Acq: 03 Aug 2023 19:46

Tgt Ion: 65 Resp: 151120
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014960.D

Acq: 03 Aug 2023 19:46

Instrument :

MSVOA_Y

ClientSampleId :

TR-4-080323

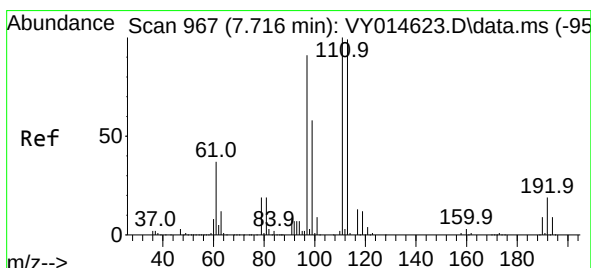
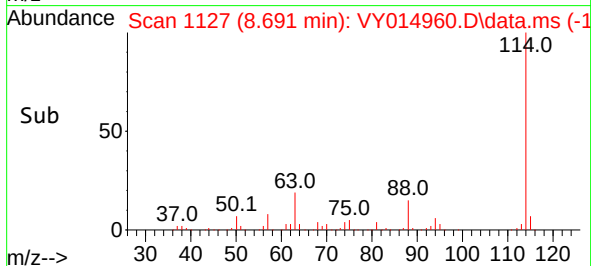
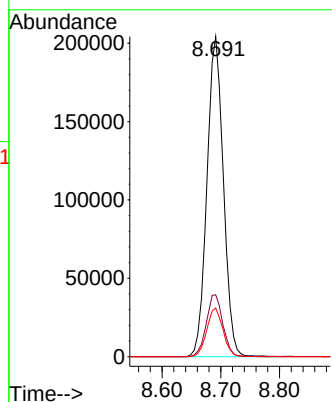
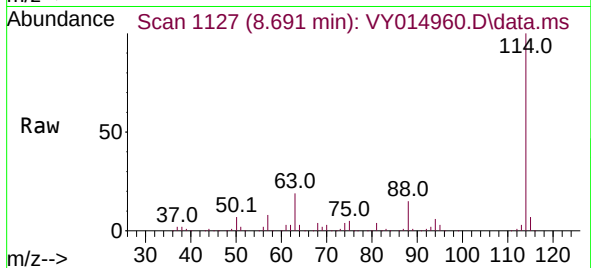
Tgt Ion:114 Resp: 396497

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.685 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014960.D

Acq: 03 Aug 2023 19:46

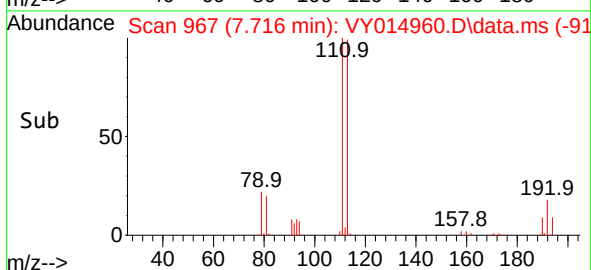
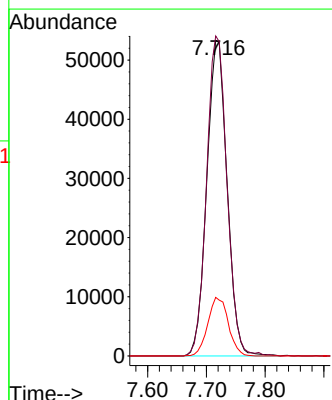
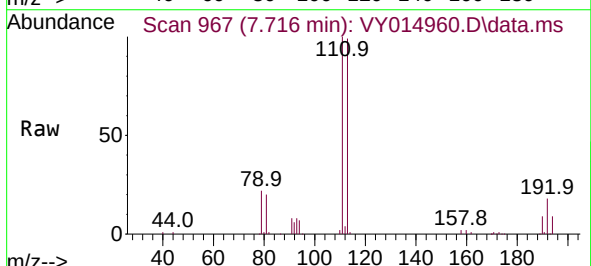
Tgt Ion:113 Resp: 127929

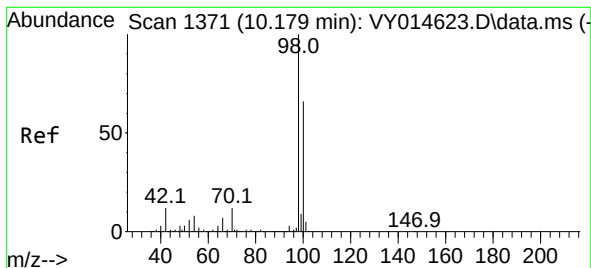
Ion Ratio Lower Upper

113 100

111 102.0 81.3 121.9

192 18.8 16.9 25.3

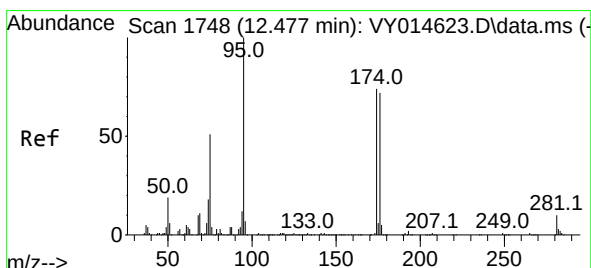
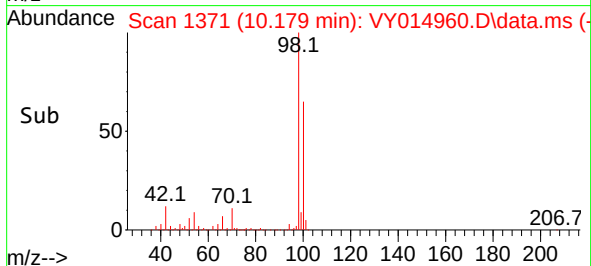
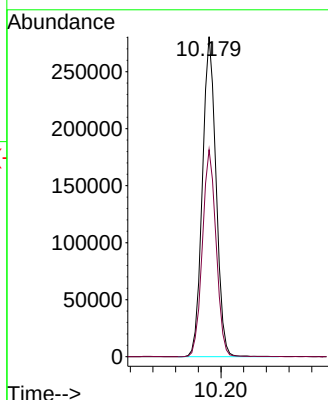
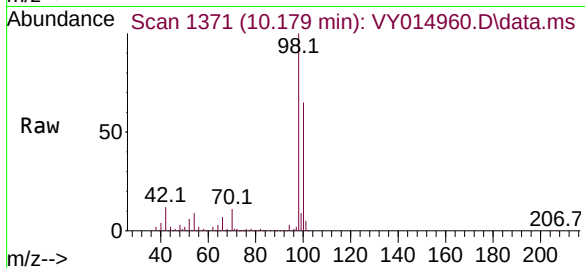




#50
Toluene-d8
Concen: 50.460 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014960.D
Acq: 03 Aug 2023 19:46

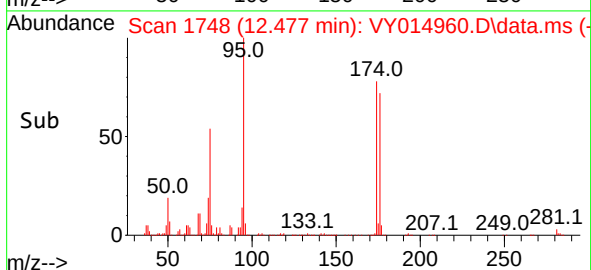
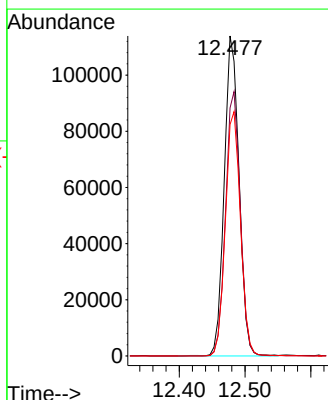
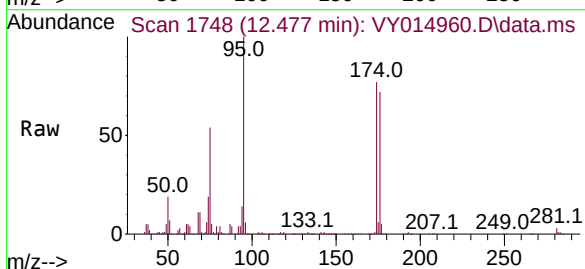
Instrument :
MSVOA_Y
ClientSampleId :
TR-4-080323

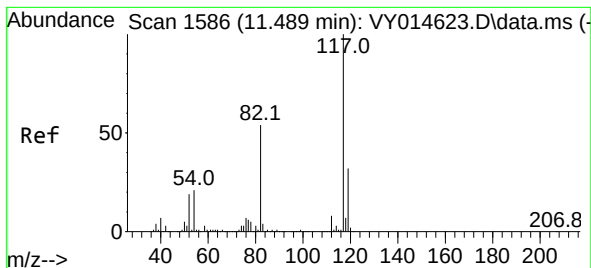
Tgt Ion: 98 Resp: 469555
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.068 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014960.D
Acq: 03 Aug 2023 19:46

Tgt Ion: 95 Resp: 178647
Ion Ratio Lower Upper
95 100
174 82.4 0.0 178.2
176 77.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014960.D

Acq: 03 Aug 2023 19:46

Instrument :

MSVOA_Y

ClientSampleId :

TR-4-080323

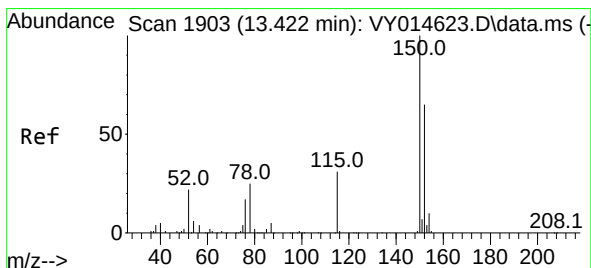
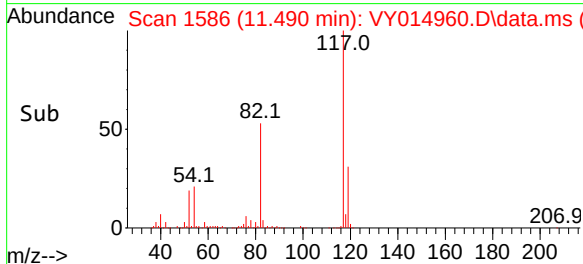
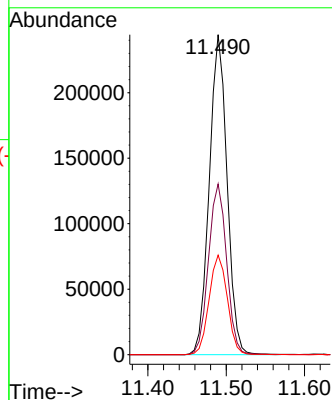
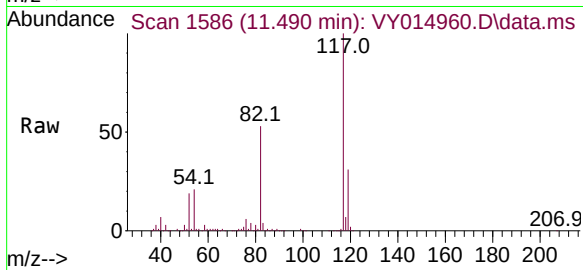
Tgt Ion:117 Resp: 384636

Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.0

119 31.1 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: VY014960.D

Acq: 03 Aug 2023 19:46

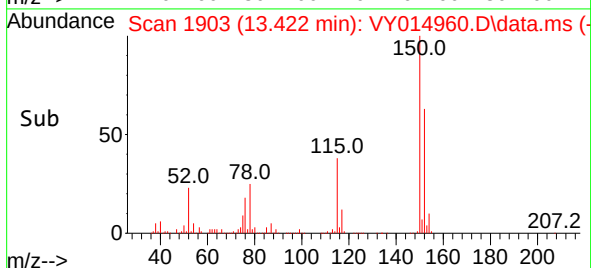
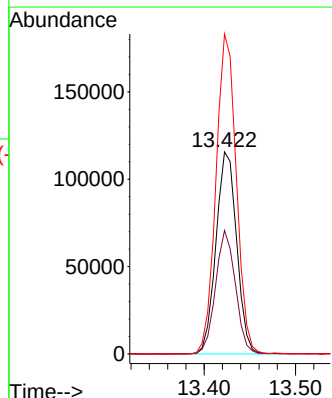
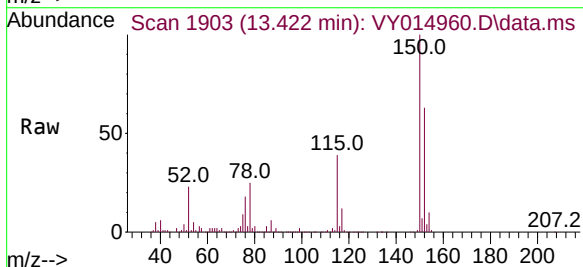
Tgt Ion:152 Resp: 182257

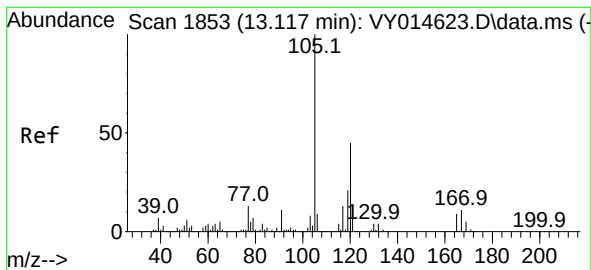
Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.5

150 155.2 0.0 348.8





#84

1,2,4-Trimethylbenzene

Concen: 1.406 ug/l

RT: 13.117 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014960.D

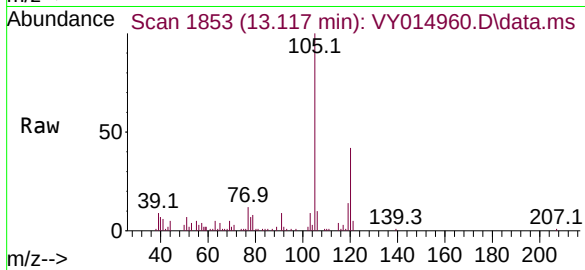
Acq: 03 Aug 2023 19:46

Instrument :

MSVOA_Y

ClientSampleId :

TR-4-080323



Tgt Ion:105 Resp: 16445

Ion Ratio Lower Upper

105 100

120 44.4 22.2 66.6

