

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
 Data File : VY019655.D
 Acq On : 20 Sep 2024 18:53
 Operator : SY/MD
 Sample : P4126-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-09192024

Quant Time: Sep 20 23:54:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

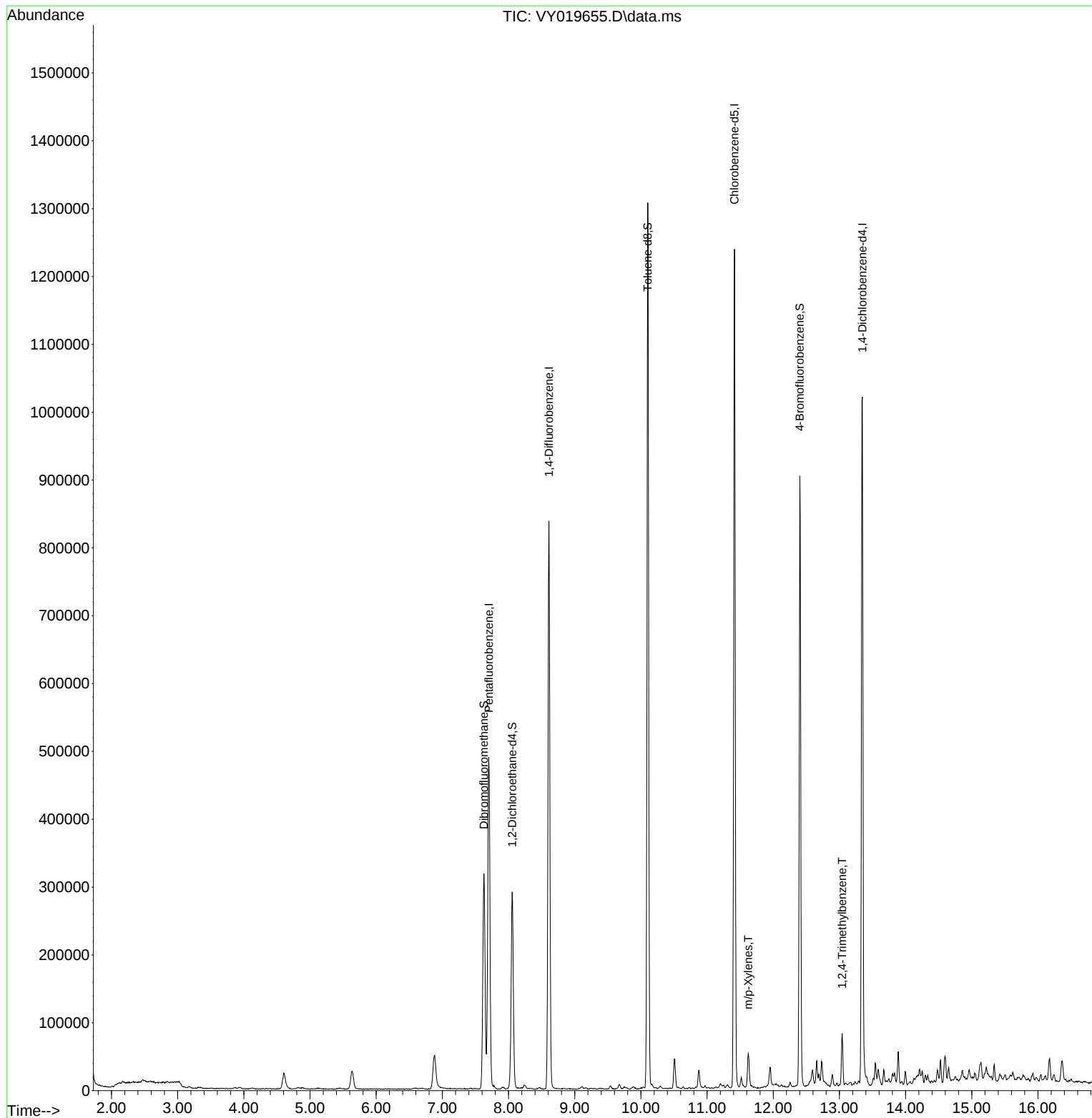
Internal Standards						
1) Pentafluorobenzene	7.701	168	370847	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	704068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	645409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	252612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	224073	65.252	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.500%
35) Dibromofluoromethane	7.628	113	225196	56.413	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.820%
50) Toluene-d8	10.103	98	831389	56.307	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.620%
62) 4-Bromofluorobenzene	12.402	95	282550	49.768	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	99.540%
Target Compounds						
						Qvalue
68) m/p-Xylenes	11.621	106	14433	1.692	ug/l	90
84) 1,2,4-Trimethylbenzene	13.042	105	41532	2.816	ug/l	98

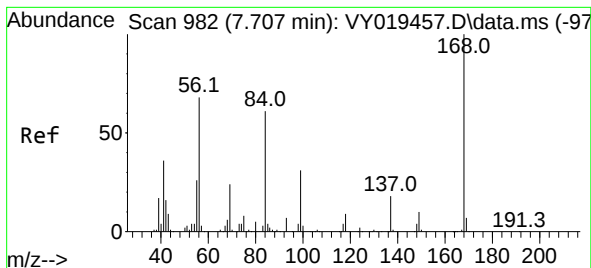
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY019655.D

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Instrument :

MSVOA_Y

ClientSampleId :

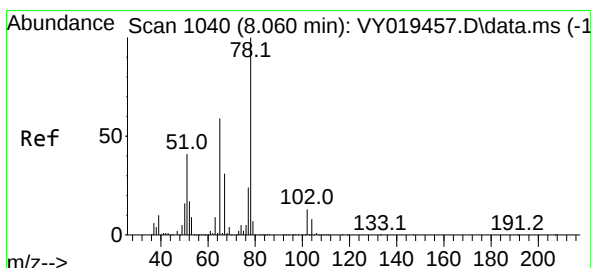
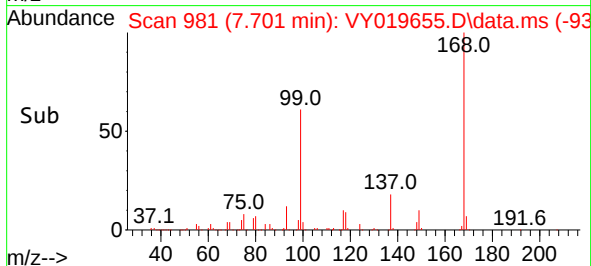
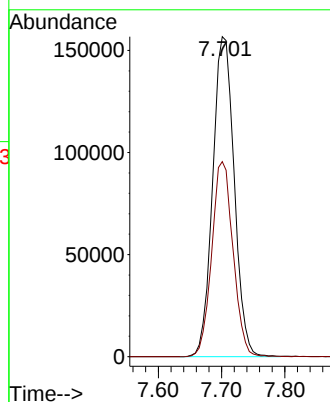
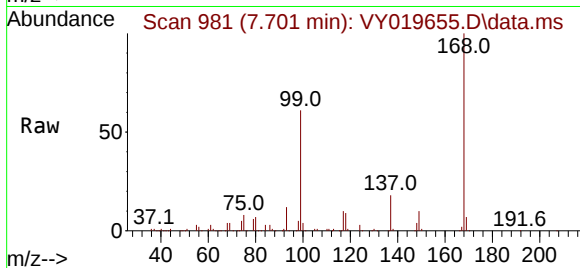
NB-08-09192024

Tgt Ion:168 Resp: 370847

Ion Ratio Lower Upper

168 100

99 61.0 39.1 58.7#



#33

1,2-Dichloroethane-d4

Concen: 65.252 ug/l

RT: 8.055 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY019655.D

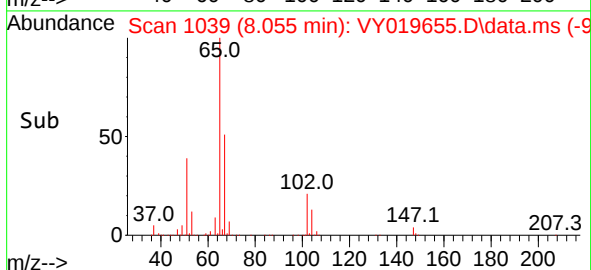
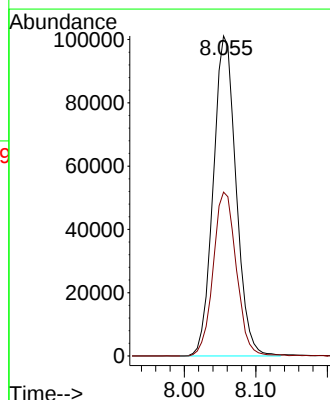
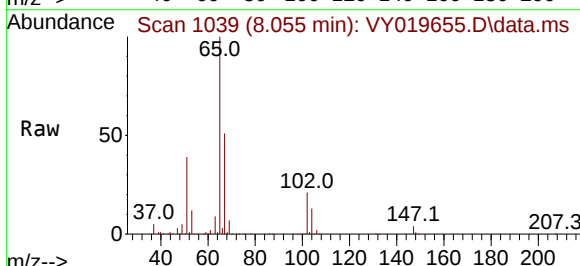
Acq: 20 Sep 2024 18:53

Tgt Ion: 65 Resp: 224073

Ion Ratio Lower Upper

65 100

67 52.0 0.0 109.6

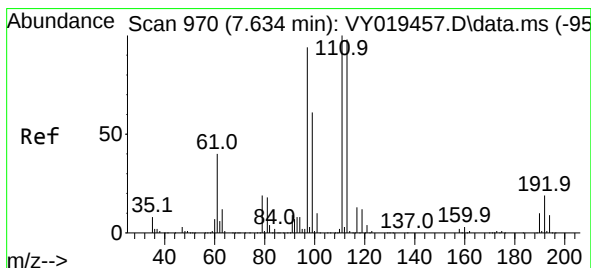
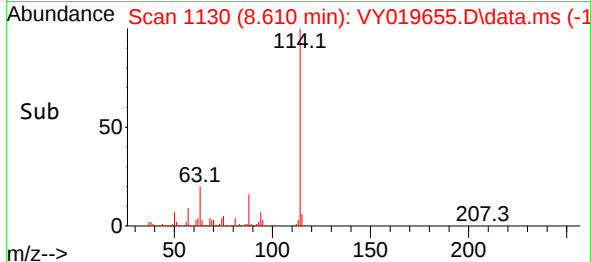
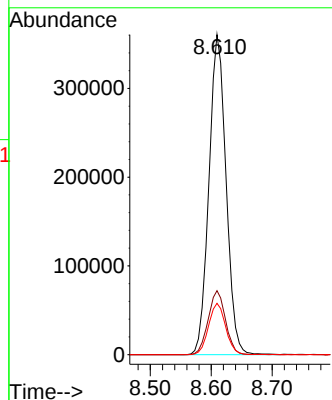
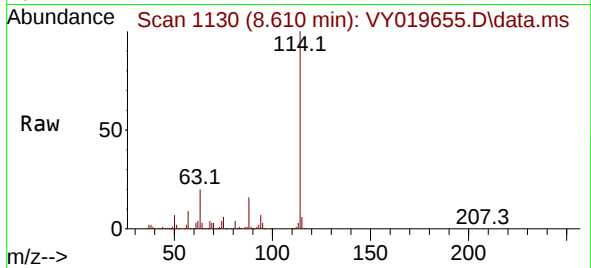




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY019655.D
Acq: 20 Sep 2024 18:53

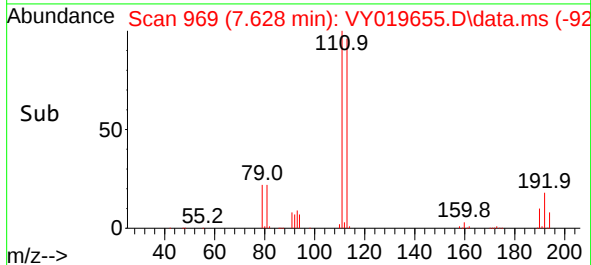
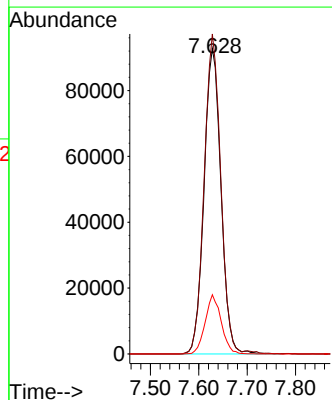
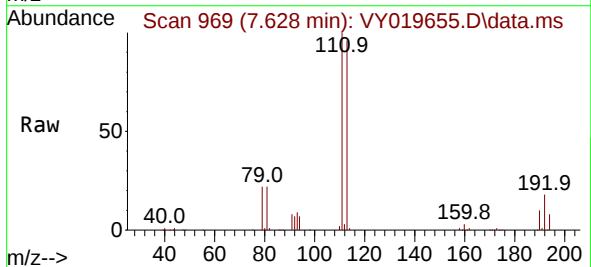
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-09192024

Tgt Ion:114 Resp: 704068
Ion Ratio Lower Upper
114 100
63 20.0 0.0 35.0
88 16.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 56.413 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY019655.D
Acq: 20 Sep 2024 18:53

Tgt Ion:113 Resp: 225196
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 18.4 15.9 23.9

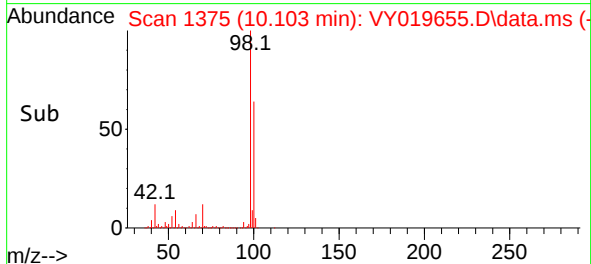
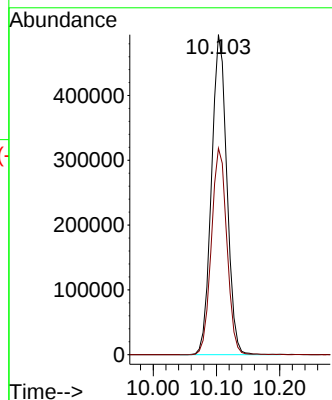
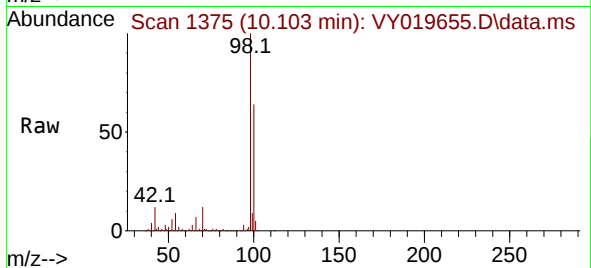




#50
Toluene-d8
Concen: 56.307 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019655.D
Acq: 20 Sep 2024 18:53

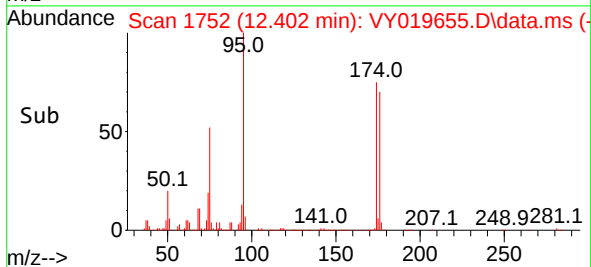
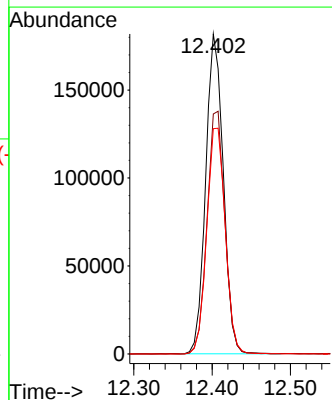
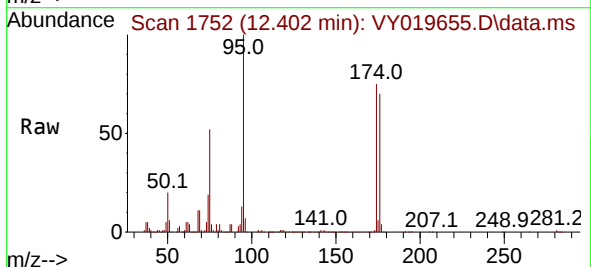
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-09192024

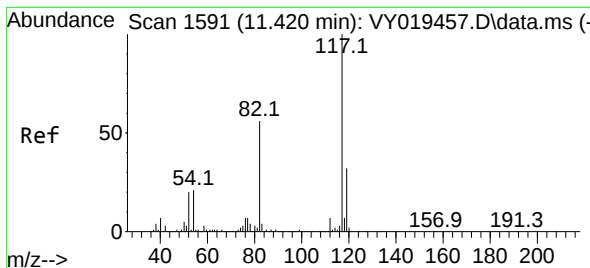
Tgt Ion: 98 Resp: 831389
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.768 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019655.D
Acq: 20 Sep 2024 18:53

Tgt Ion: 95 Resp: 282550
Ion Ratio Lower Upper
95 100
174 77.2 0.0 175.6
176 74.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019655.D

Acq: 20 Sep 2024 18:53

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-09192024

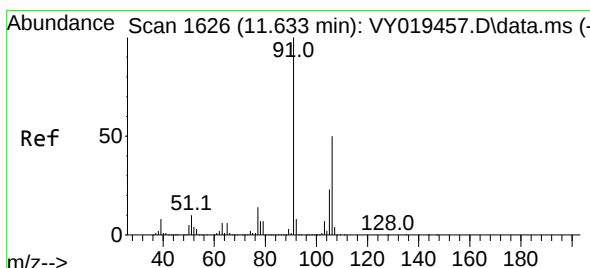
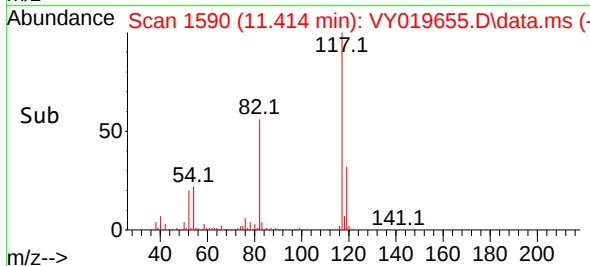
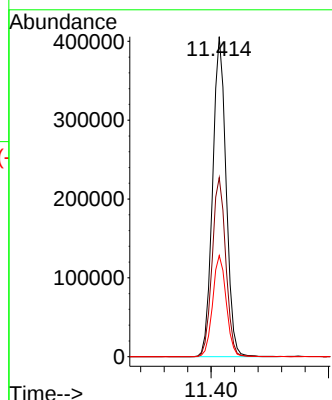
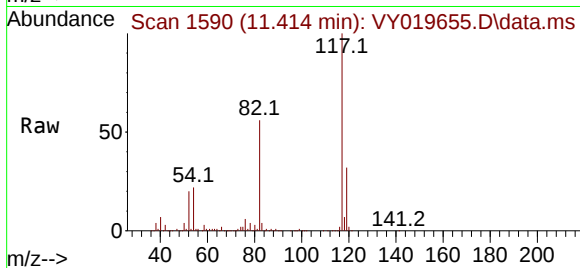
Tgt Ion:117 Resp: 645409

Ion Ratio Lower Upper

117 100

82 56.0 42.4 63.6

119 31.6 25.9 38.9



#68

m/p-Xylenes

Concen: 1.692 ug/l

RT: 11.621 min Scan# 1624

Delta R.T. -0.012 min

Lab File: VY019655.D

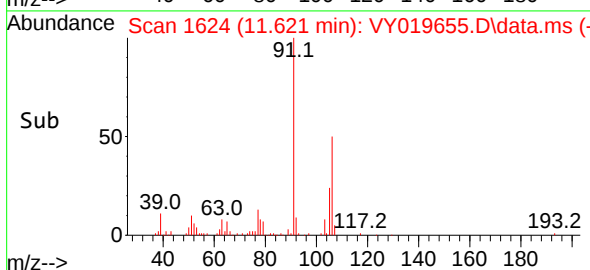
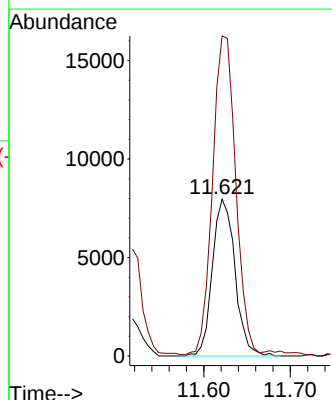
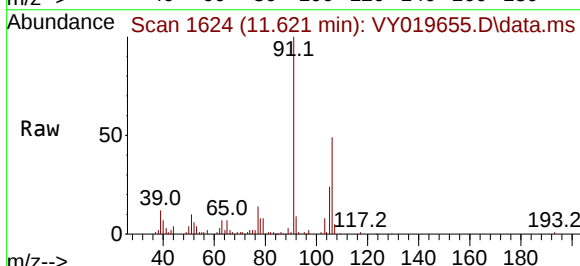
Acq: 20 Sep 2024 18:53

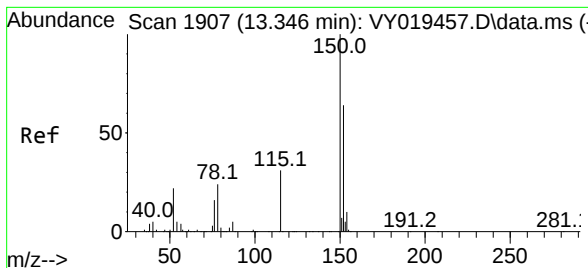
Tgt Ion:106 Resp: 14433

Ion Ratio Lower Upper

106 100

91 210.6 156.0 234.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019655.D

Acq: 20 Sep 2024 18:53

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-09192024

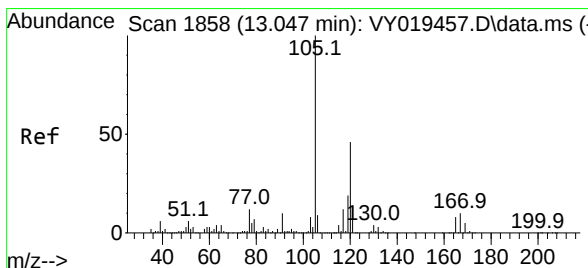
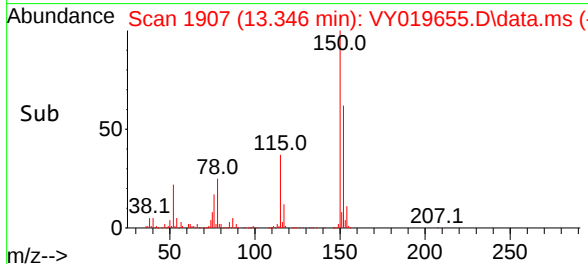
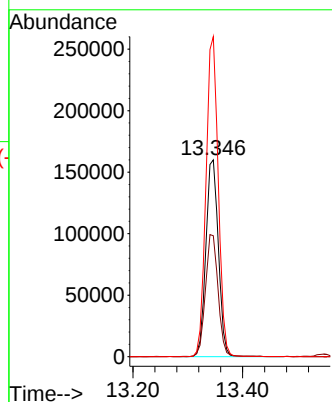
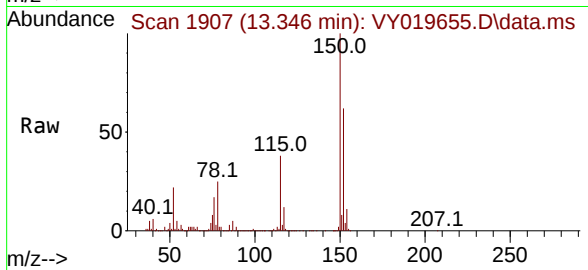
Tgt Ion:152 Resp: 252612

Ion Ratio Lower Upper

152 100

115 62.5 28.2 84.7

150 159.1 0.0 345.6



#84

1,2,4-Trimethylbenzene

Concen: 2.816 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019655.D

Acq: 20 Sep 2024 18:53

Tgt Ion:105 Resp: 41532

Ion Ratio Lower Upper

105 100

120 44.8 23.2 69.6

