

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091724\
 Data File : VY019592.D
 Acq On : 17 Sep 2024 17:45
 Operator : SY/MD
 Sample : P4002-03RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2RE

Quant Time: Sep 18 01:34:30 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)

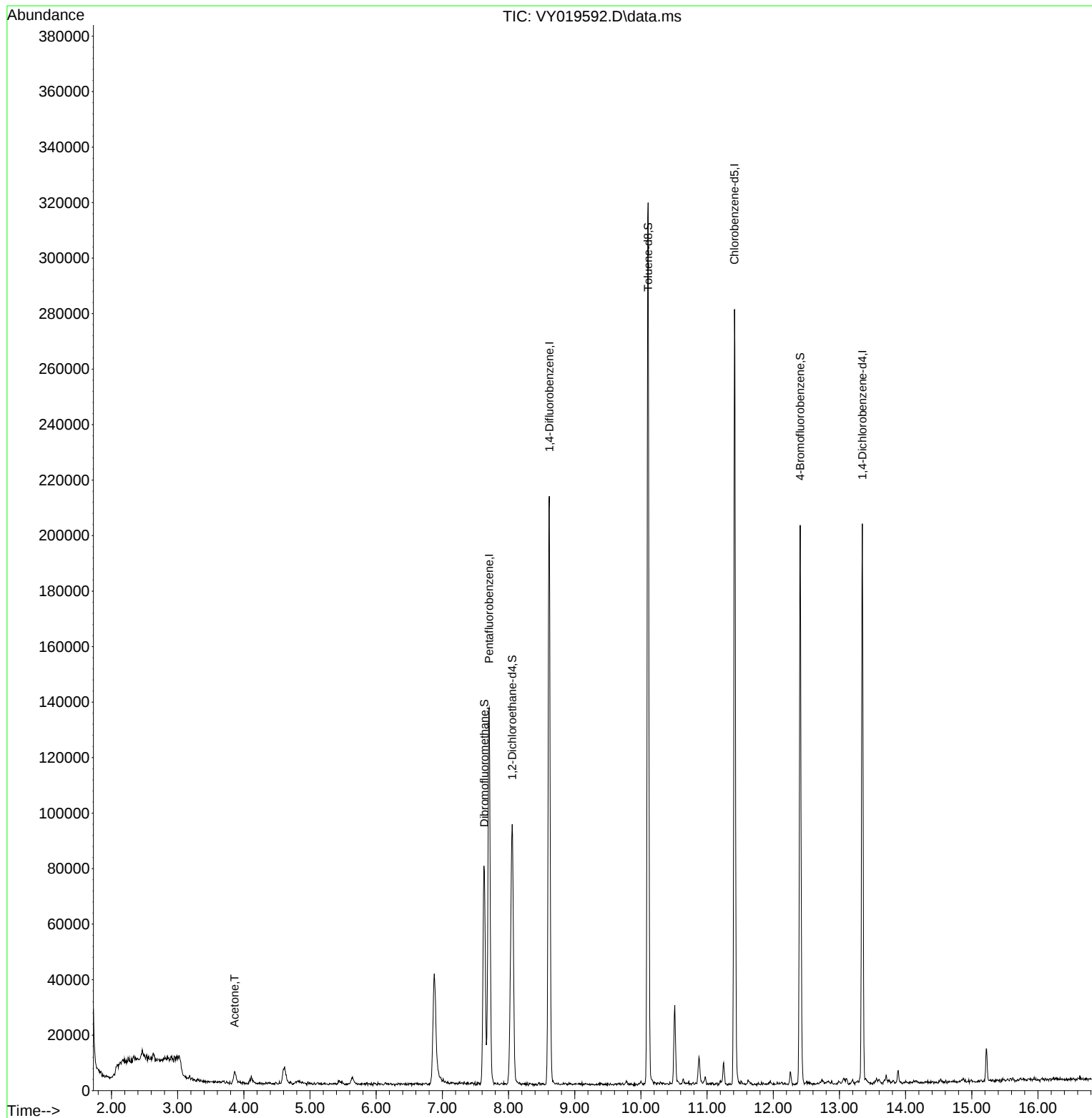
Internal Standards						
1) Pentafluorobenzene	7.707	168	101290	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	179240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	146719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	49105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	60269	64.258	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.520%	
35) Dibromofluoromethane	7.634	113	57640	56.718	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.440%	
50) Toluene-d8	10.109	98	206755	55.004	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.000%	
62) 4-Bromofluorobenzene	12.408	95	61493	42.546	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 85.100%	
Target Compounds						
16) Acetone	3.860	43	7521	33.659	ug/l	Qvalue # 80

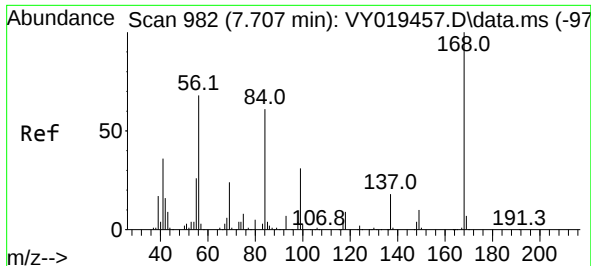
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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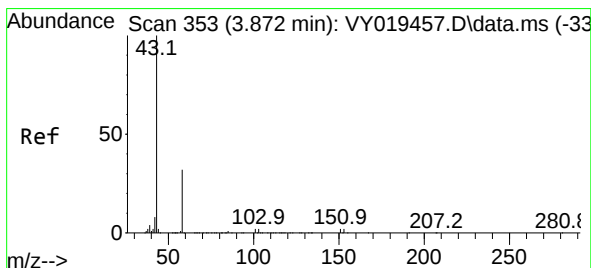
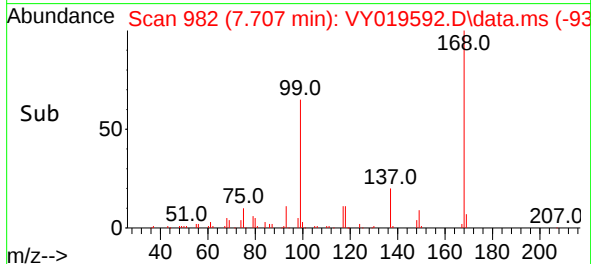
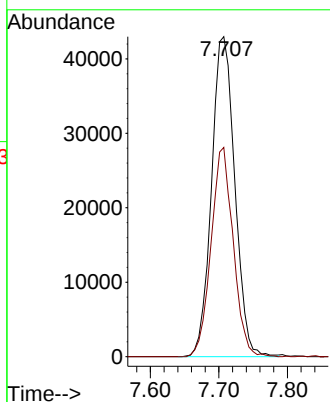
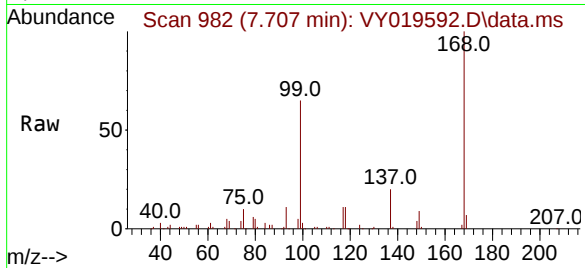




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019592.D
Acq: 17 Sep 2024 17:45

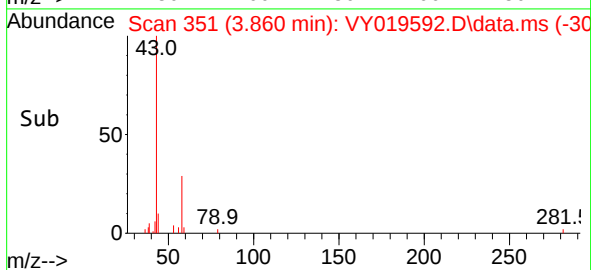
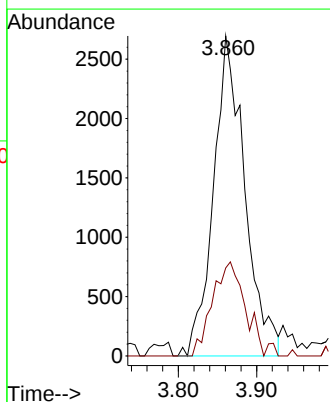
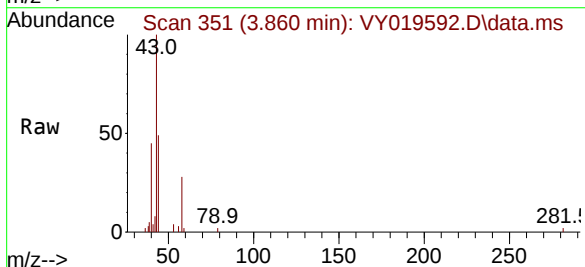
Instrument :
MSVOA_Y
ClientSampleId :
TP-2RE

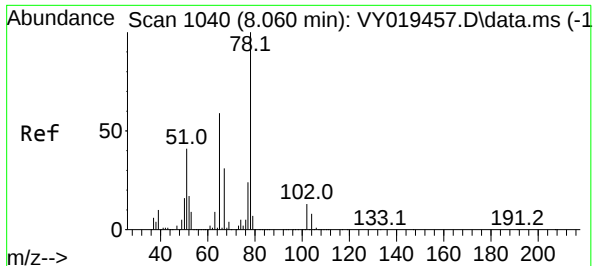
Tgt Ion:168 Resp: 101290
Ion Ratio Lower Upper
168 100
99 65.4 39.1 58.7#



#16
Acetone
Concen: 33.659 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY019592.D
Acq: 17 Sep 2024 17:45

Tgt Ion: 43 Resp: 7521
Ion Ratio Lower Upper
43 100
58 27.5 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 64.258 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY019592.D

Acq: 17 Sep 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

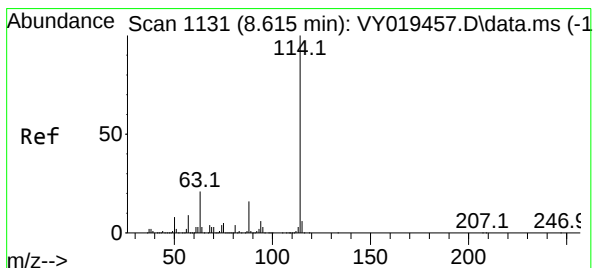
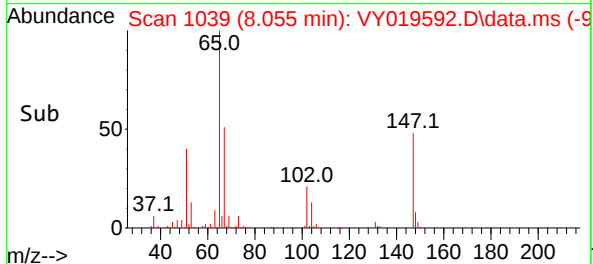
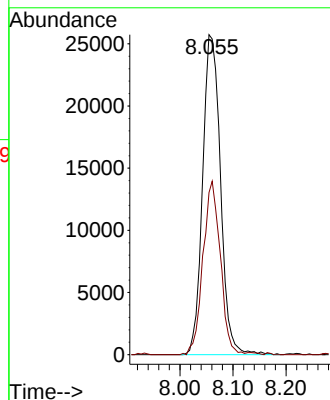
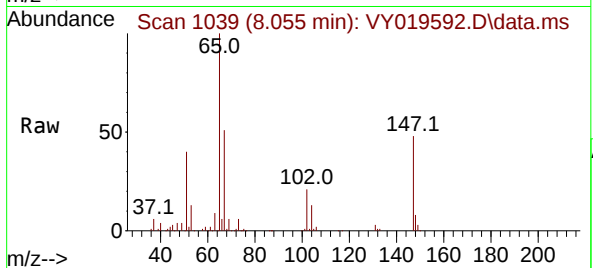
TP-2RE

Tgt Ion: 65 Resp: 60269

Ion Ratio Lower Upper

65 100

67 52.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019592.D

Acq: 17 Sep 2024 17:45

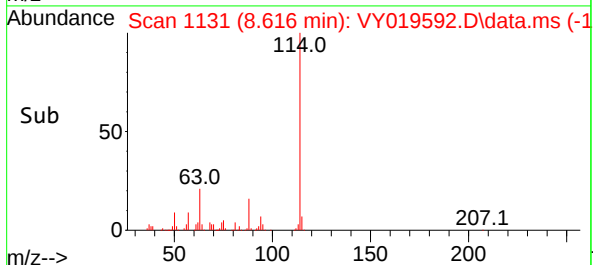
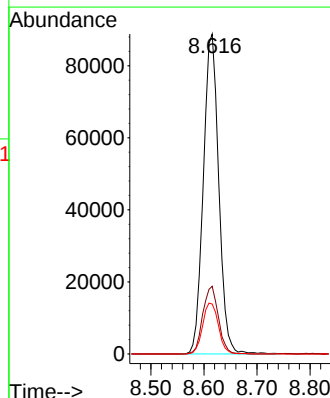
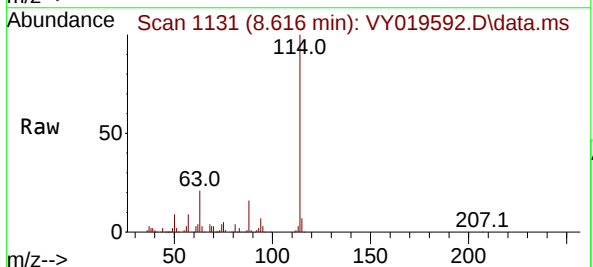
Tgt Ion: 114 Resp: 179240

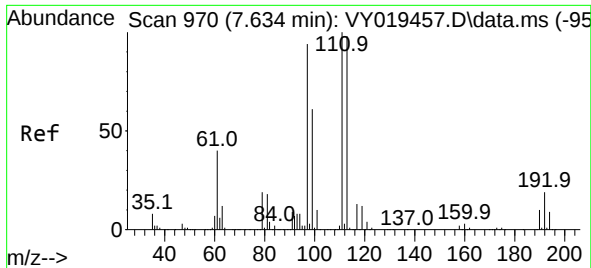
Ion Ratio Lower Upper

114 100

63 21.1 0.0 35.0

88 15.6 0.0 27.2

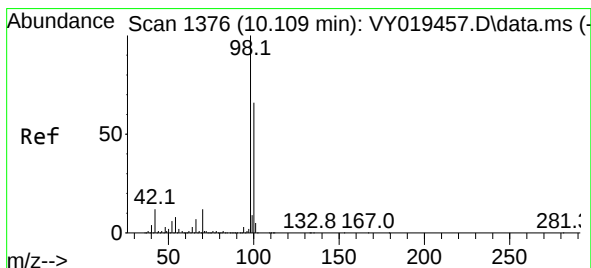
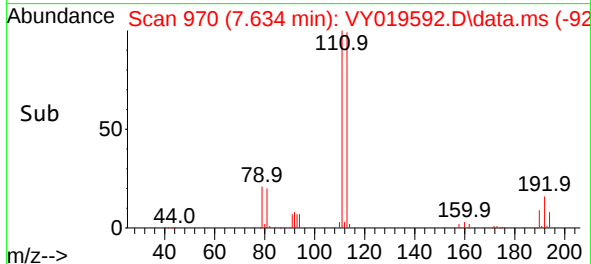
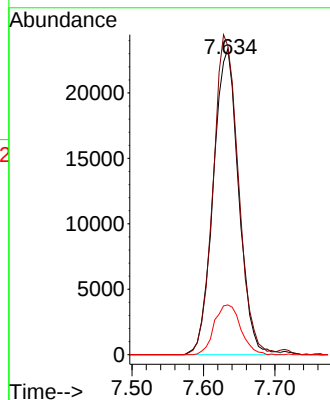
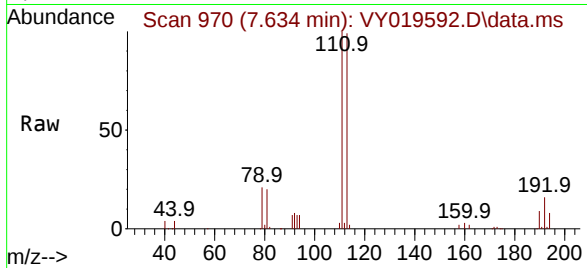




#35
Dibromofluoromethane
Concen: 56.718 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019592.D
Acq: 17 Sep 2024 17:45

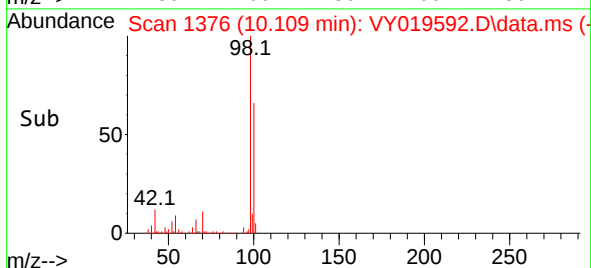
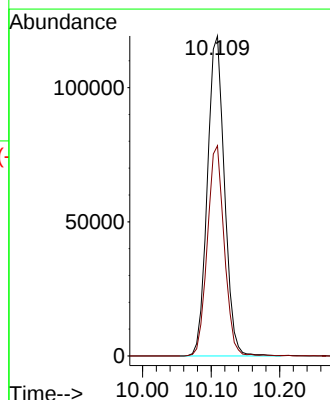
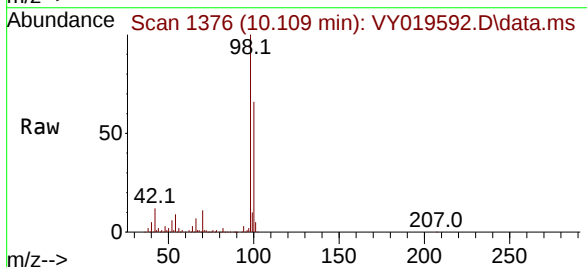
Instrument :
MSVOA_Y
ClientSampleId :
TP-2RE

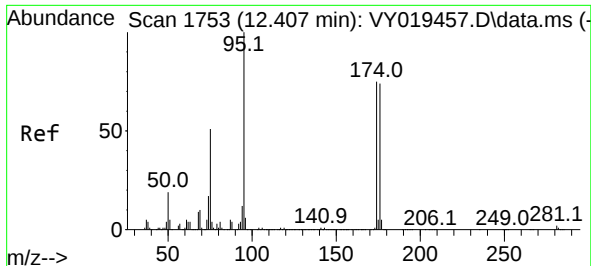
Tgt Ion:113 Resp: 57640
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 16.9 15.9 23.9



#50
Toluene-d8
Concen: 55.004 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019592.D
Acq: 17 Sep 2024 17:45

Tgt Ion: 98 Resp: 206755
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 42.546 ug/l

RT: 12.408 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019592.D

Acq: 17 Sep 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

TP-2RE

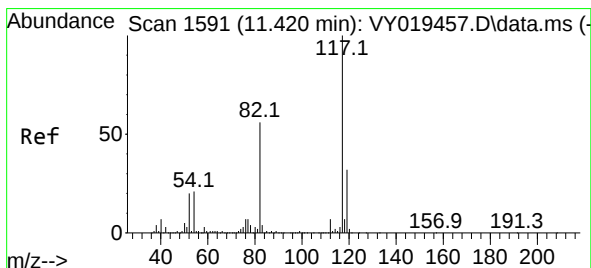
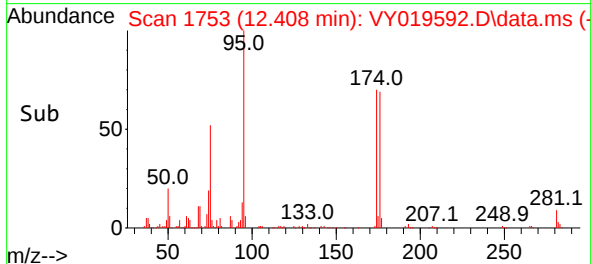
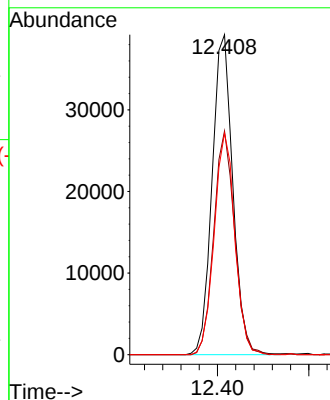
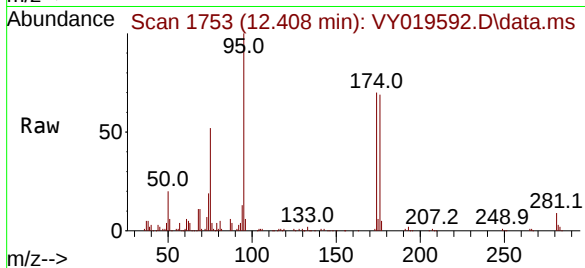
Tgt Ion: 95 Resp: 61493

Ion Ratio Lower Upper

95 100

174 70.6 0.0 175.6

176 69.3 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY019592.D

Acq: 17 Sep 2024 17:45

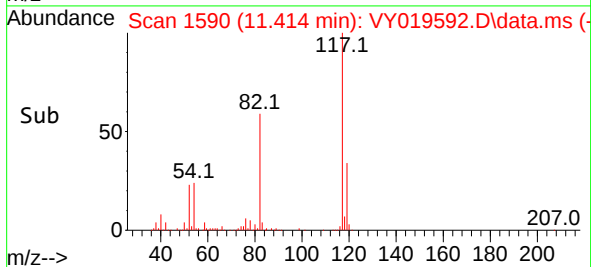
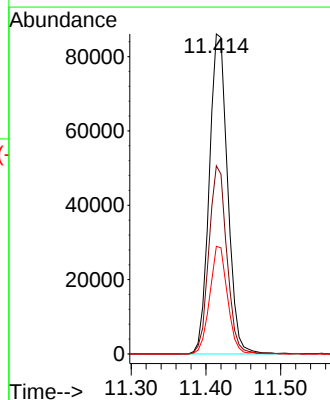
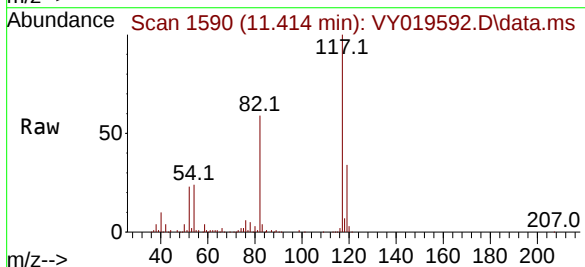
Tgt Ion: 117 Resp: 146719

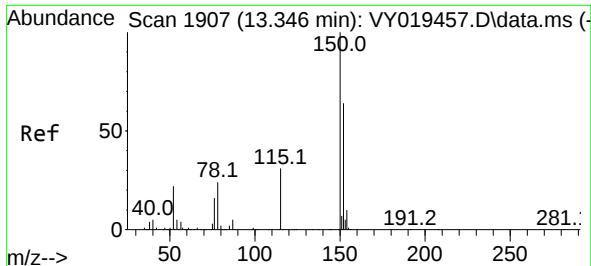
Ion Ratio Lower Upper

117 100

82 58.8 42.4 63.6

119 33.7 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019592.D

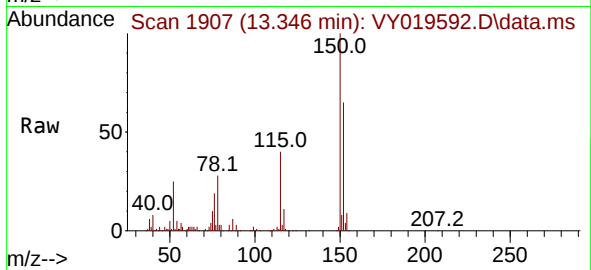
Acq: 17 Sep 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

TP-2RE



Tgt Ion:152 Resp: 49105

Ion Ratio Lower Upper

152 100

115 61.3 28.2 84.7

150 155.8 0.0 345.6

