

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
 Data File : VY021391.D
 Acq On : 28 Feb 2025 19:25
 Operator : SY/MD
 Sample : Q1463-03
 Misc : 7.33g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T3

Quant Time: Feb 28 22:24:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

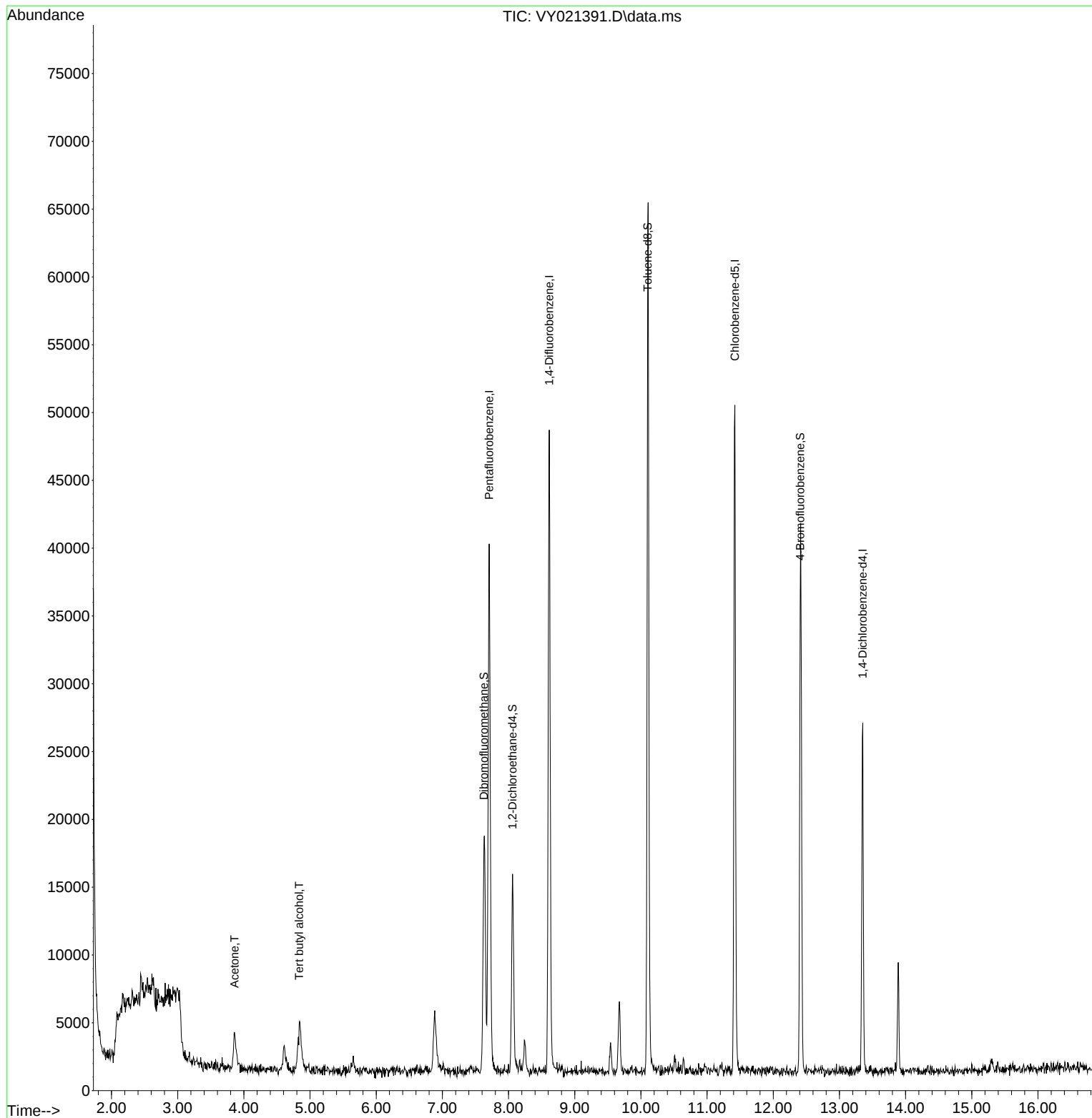
Internal Standards						
1) Pentafluorobenzene	7.707	168	28326	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	39483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	25853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	6315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	11897	37.024	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.040%
35) Dibromofluoromethane	7.628	113	12788	49.402	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.800%
50) Toluene-d8	10.103	98	42277	42.260	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.520%
62) 4-Bromofluorobenzene	12.407	95	8065	23.955	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	47.900%
Target Compounds						
11) Tert butyl alcohol	4.836	59	5512	223.010	ug/l #	89
16) Acetone	3.860	43	4288	69.566	ug/l	89

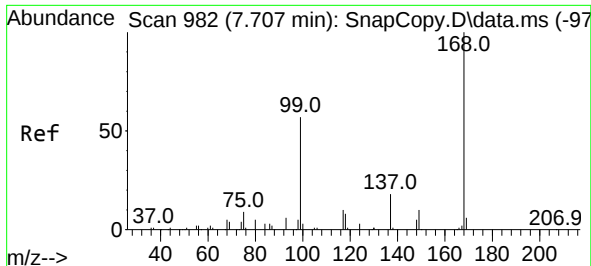
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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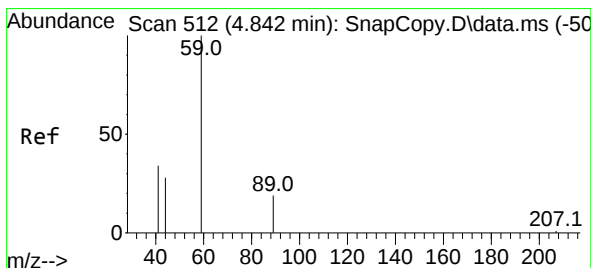
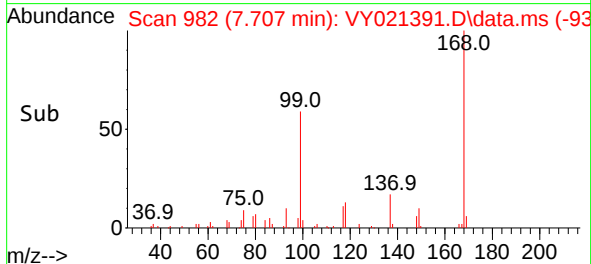
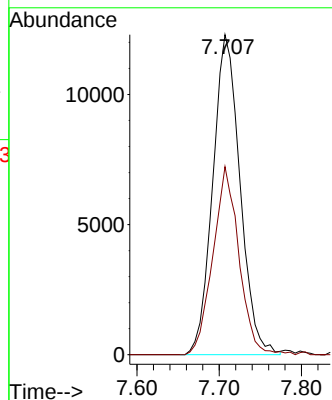
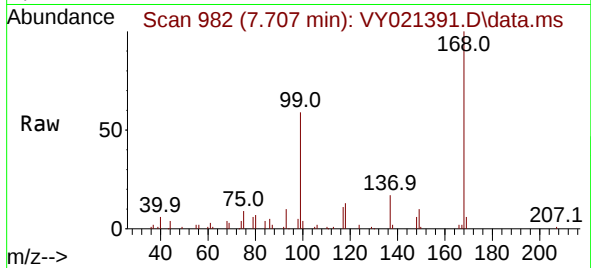




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021391.D
Acq: 28 Feb 2025 19:25

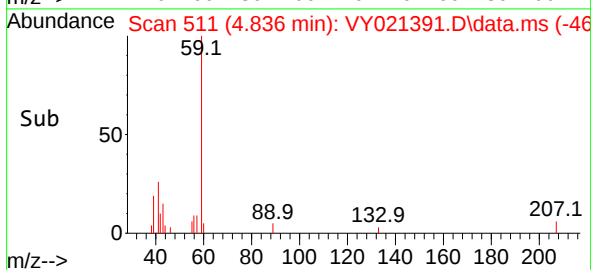
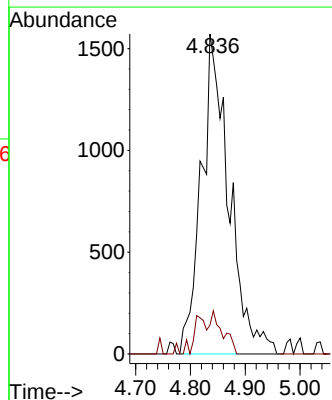
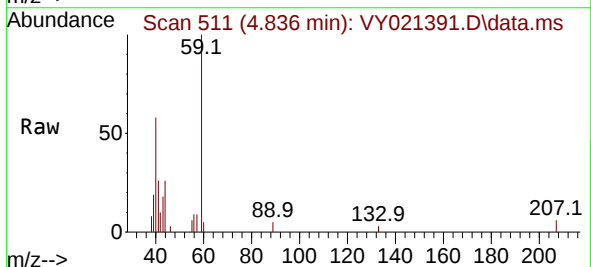
Instrument :
MSVOA_Y
ClientSampleId :
T3

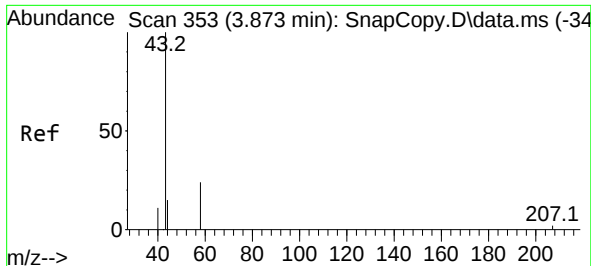
Tgt Ion:168 Resp: 28326
Ion Ratio Lower Upper
168 100
99 58.8 47.1 70.7



#11
Tert butyl alcohol
Concen: 223.010 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY021391.D
Acq: 28 Feb 2025 19:25

Tgt Ion: 59 Resp: 5512
Ion Ratio Lower Upper
59 100
57 6.3 8.3 12.5#

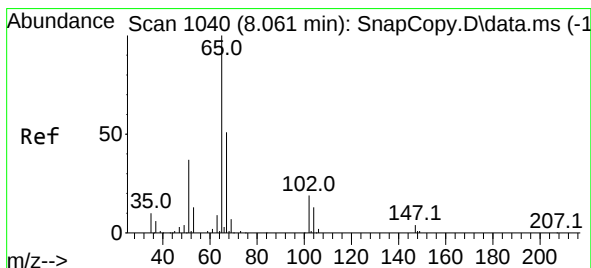
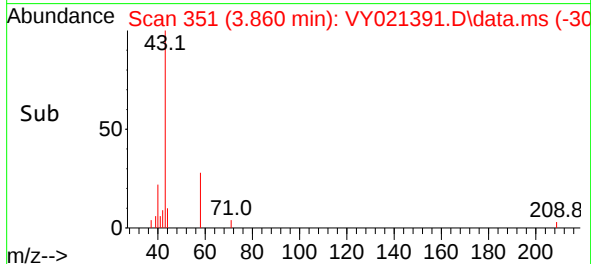
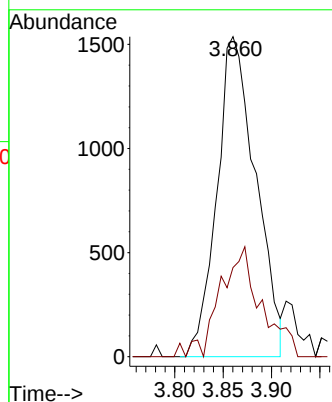
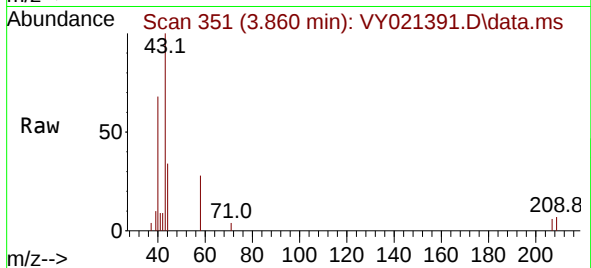




#16
Acetone
Concen: 69.566 ug/l
RT: 3.860 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY021391.D
Acq: 28 Feb 2025 19:25

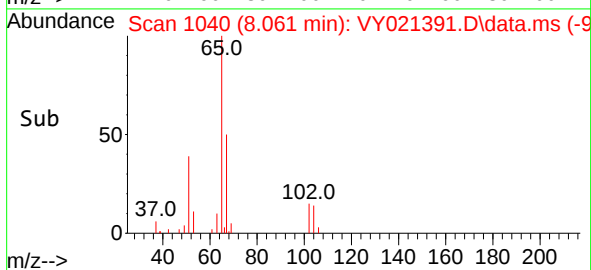
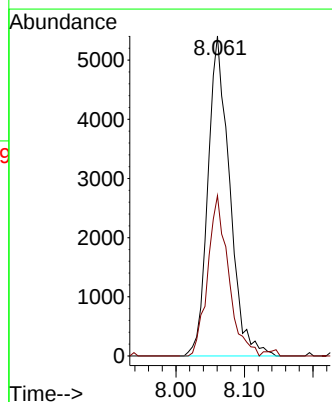
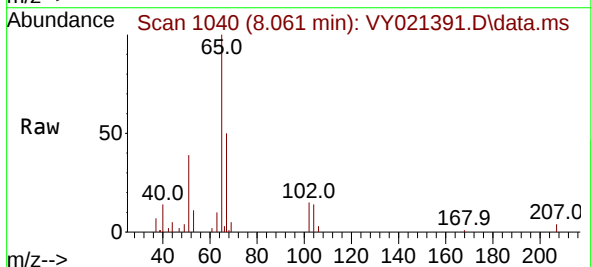
Instrument :
MSVOA_Y
ClientSampleId :
T3

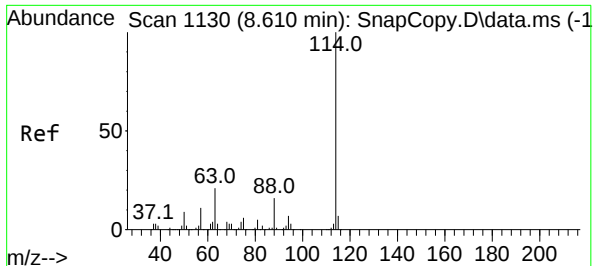
Tgt Ion: 43 Resp: 4288
Ion Ratio Lower Upper
43 100
58 23.6 23.5 35.3



#33
1,2-Dichloroethane-d4
Concen: 37.024 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY021391.D
Acq: 28 Feb 2025 19:25

Tgt Ion: 65 Resp: 11897
Ion Ratio Lower Upper
65 100
67 48.0 0.0 103.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY021391.D

Acq: 28 Feb 2025 19:25

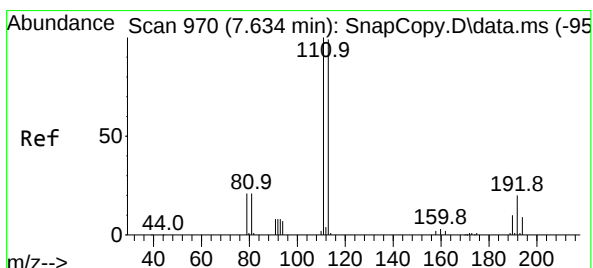
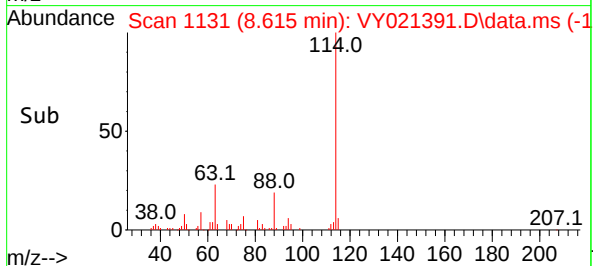
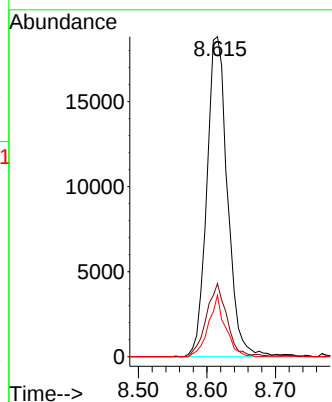
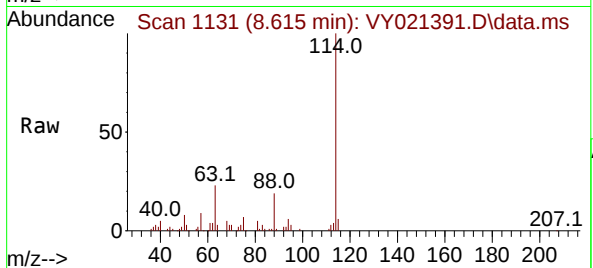
Instrument :

MSVOA_Y

ClientSampleId :

T3

Tgt Ion:114	Resp:	39483
Ion	Ratio	Lower Upper
114	100	
63	22.8	0.0 42.2
88	19.2	0.0 29.8



#35

Dibromofluoromethane

Concen: 49.402 ug/l

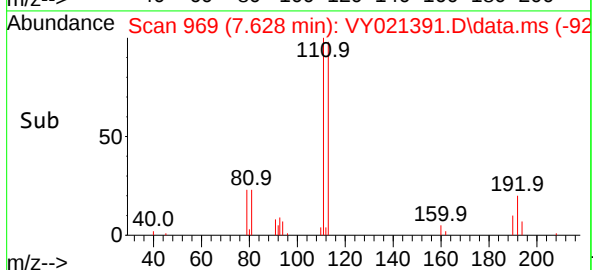
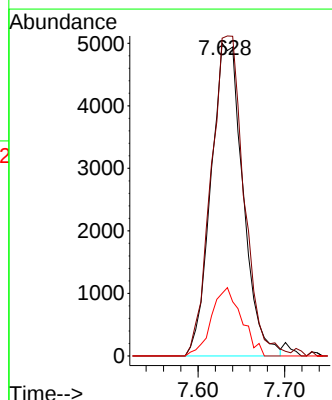
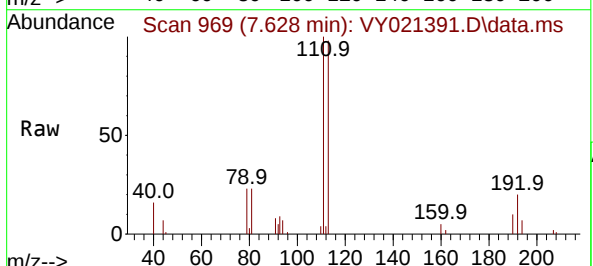
RT: 7.628 min Scan# 969

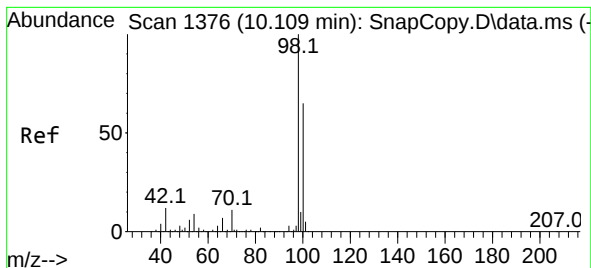
Delta R.T. -0.006 min

Lab File: VY021391.D

Acq: 28 Feb 2025 19:25

Tgt Ion:113	Resp:	12788
Ion	Ratio	Lower Upper
113	100	
111	105.2	81.0 121.6
192	20.6	15.8 23.8





#50

Toluene-d8

Concen: 42.260 ug/l

RT: 10.103 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021391.D

Acq: 28 Feb 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

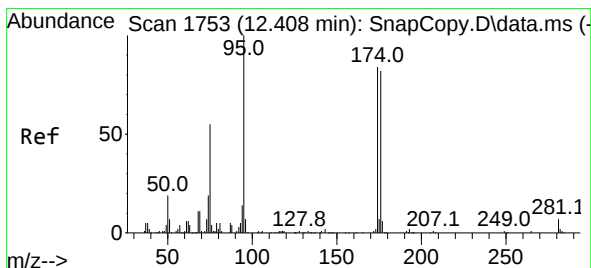
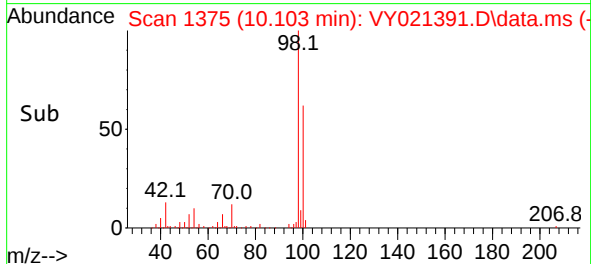
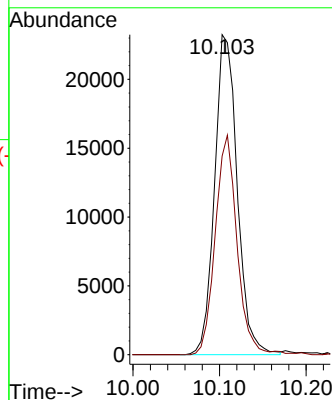
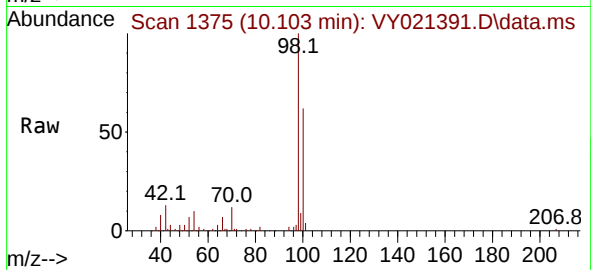
T3

Tgt Ion: 98 Resp: 42277

Ion Ratio Lower Upper

98 100

100 66.2 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 23.955 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY021391.D

Acq: 28 Feb 2025 19:25

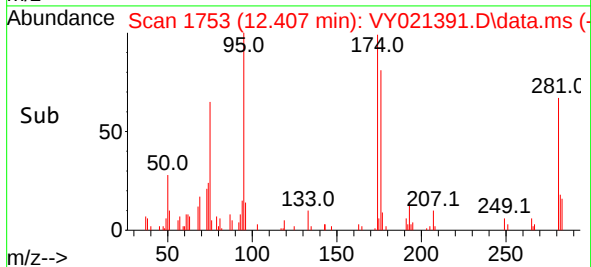
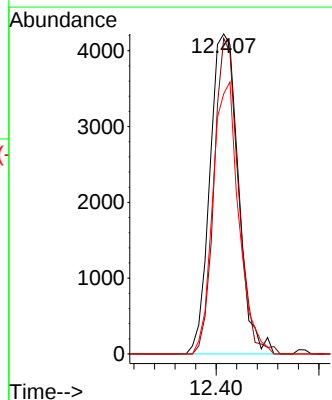
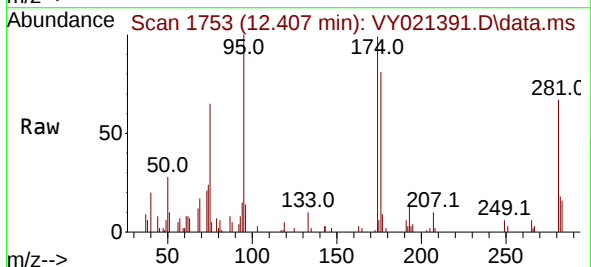
Tgt Ion: 95 Resp: 8065

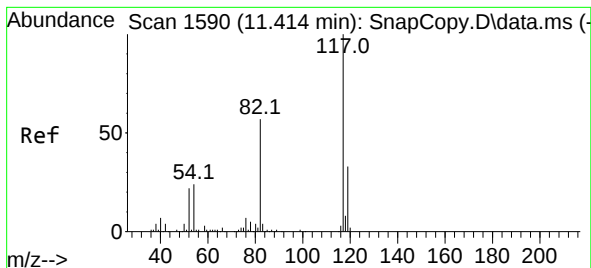
Ion Ratio Lower Upper

95 100

174 84.4 0.0 168.0

176 77.9 0.0 162.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021391.D

Acq: 28 Feb 2025 19:25

Instrument :

MSVOA_Y

ClientSampleId :

T3

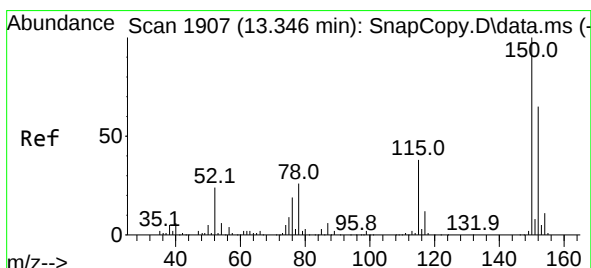
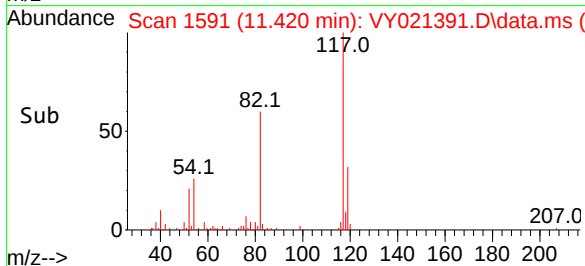
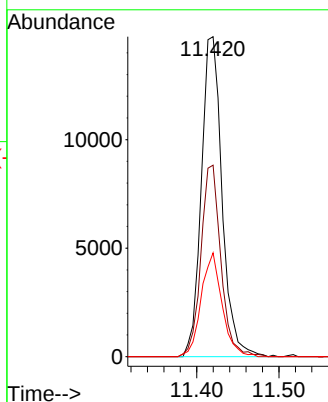
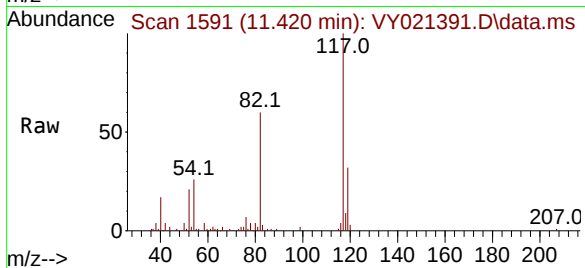
Tgt Ion:117 Resp: 25853

Ion Ratio Lower Upper

117 100

82 59.8 46.2 69.4

119 32.5 24.9 37.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY021391.D

Acq: 28 Feb 2025 19:25

Tgt Ion:152 Resp: 6315

Ion Ratio Lower Upper

152 100

115 61.1 29.3 88.0

150 159.0 0.0 347.4

