

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032624\
 Data File : VY017766.D
 Acq On : 26 Mar 2024 13:36
 Operator : SY/MD
 Sample : P1864-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ229-72-11976

Quant Time: Mar 27 01:29:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

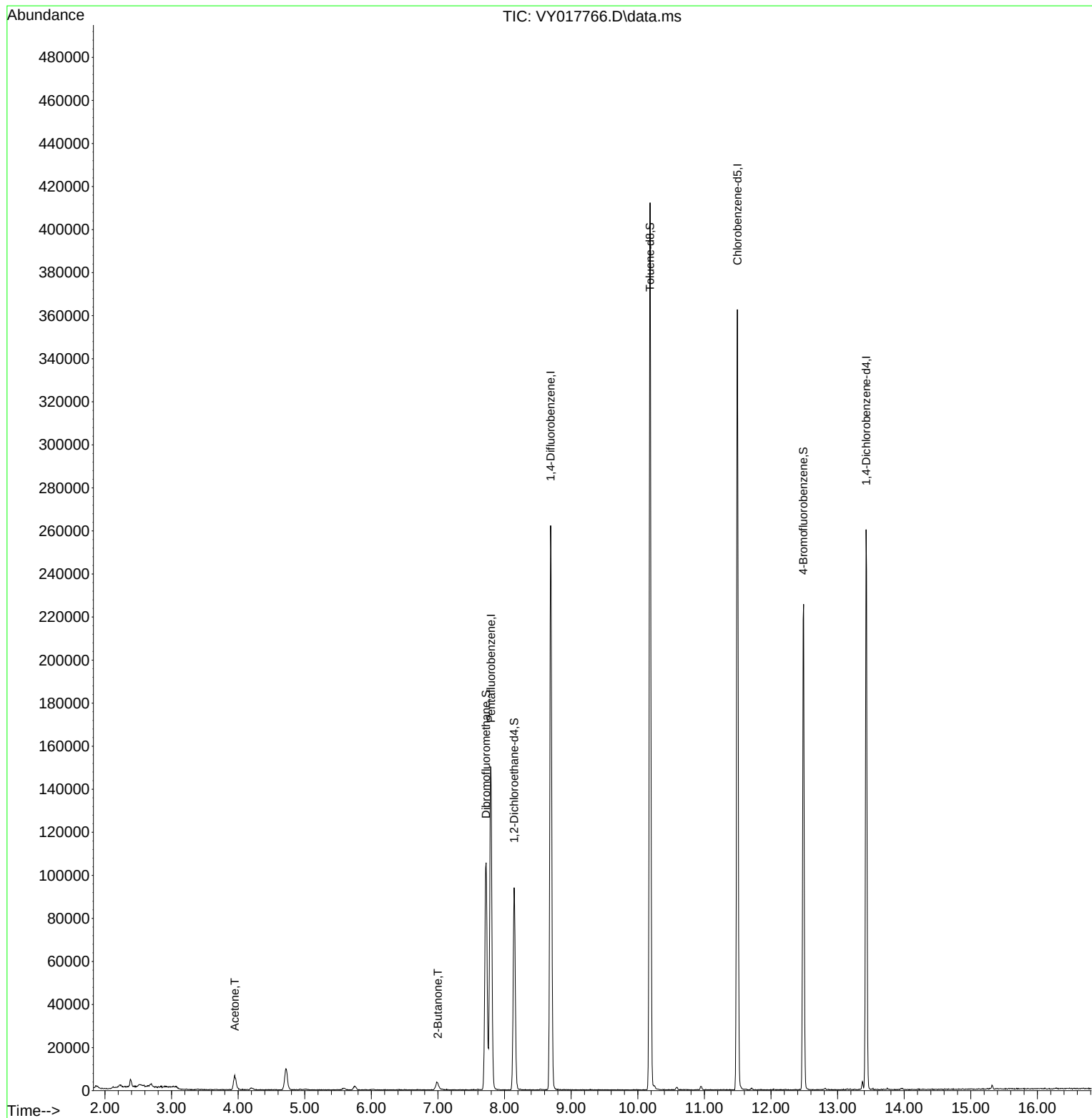
Internal Standards						
1) Pentafluorobenzene	7.795	168	123544	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.691	114	230383	50.000	ug/l	-0.02
63) Chlorobenzene-d5	11.496	117	201333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68752	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70790	65.772	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.540%	
35) Dibromofluoromethane	7.722	113	77798	56.493	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.980%	
50) Toluene-d8	10.185	98	264798	50.241	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.480%	
62) 4-Bromofluorobenzene	12.483	95	68223	43.107	ug/l	-0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 86.220%	
Target Compounds						Qvalue
16) Acetone	3.948	43	11706	62.182	ug/l	88
25) 2-Butanone	6.996	43	3195	17.642	ug/l #	84

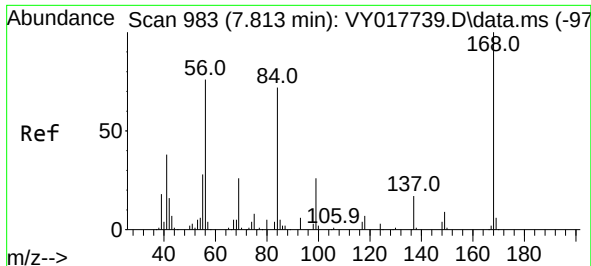
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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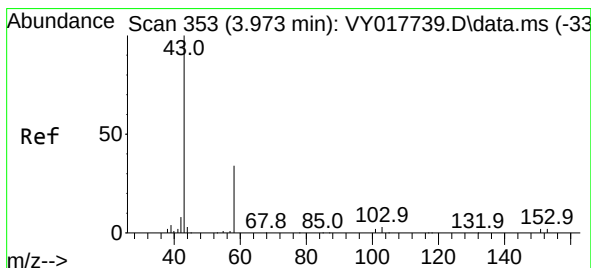
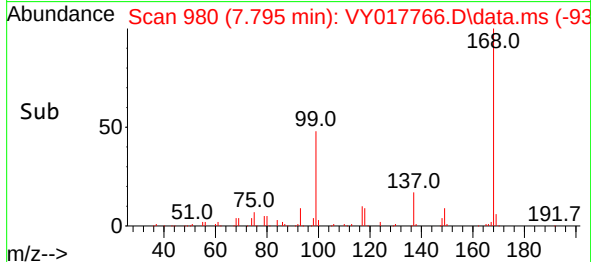
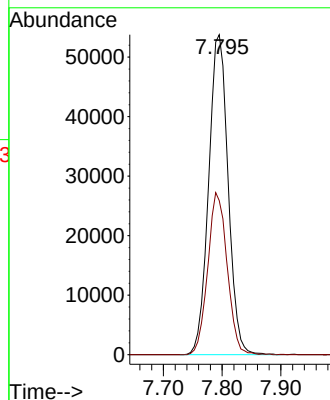
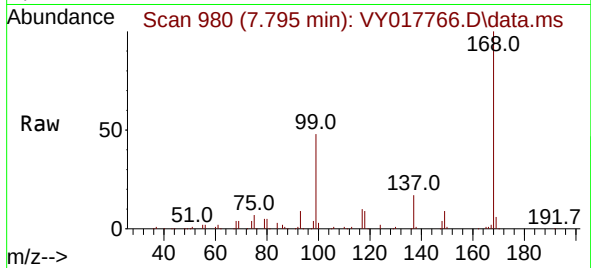




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY017766.D
Acq: 26 Mar 2024 13:36

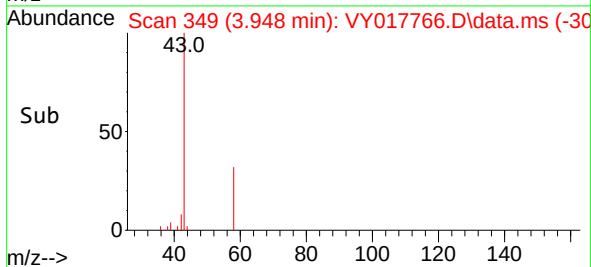
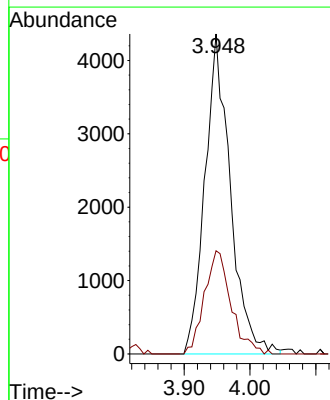
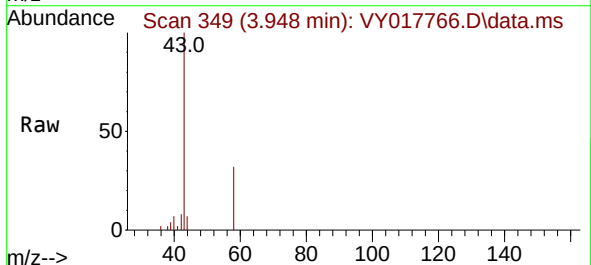
Instrument :
MSVOA_Y
ClientSampleId :
VNJ229-72-11976

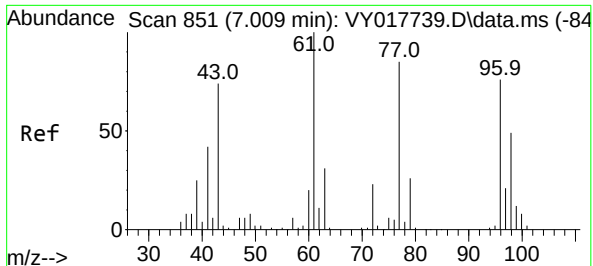
Tgt Ion:168 Resp: 123544
Ion Ratio Lower Upper
168 100
99 48.1 39.1 58.7



#16
Acetone
Concen: 62.182 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.024 min
Lab File: VY017766.D
Acq: 26 Mar 2024 13:36

Tgt Ion: 43 Resp: 11706
Ion Ratio Lower Upper
43 100
58 32.2 31.7 47.5

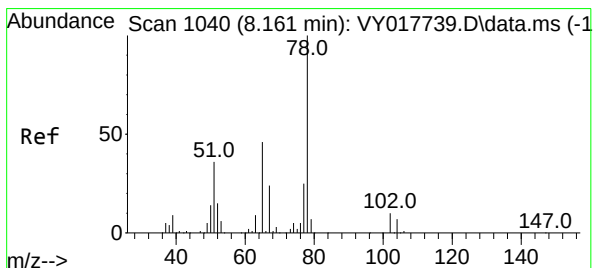
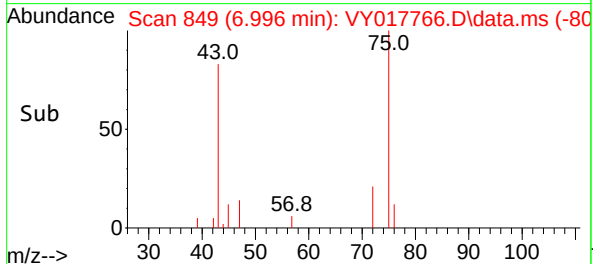
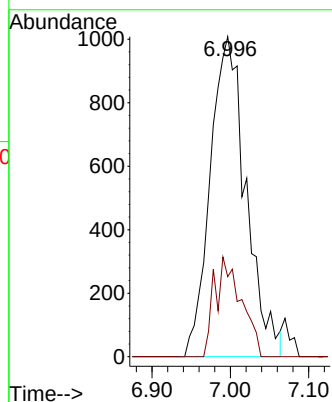
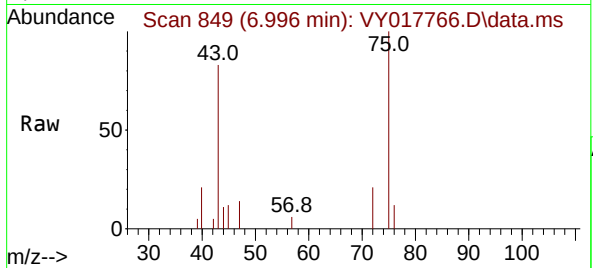




#25
2-Butanone
Concen: 17.642 ug/l
RT: 6.996 min Scan# 84
Delta R.T. -0.013 min
Lab File: VY017766.D
Acq: 26 Mar 2024 13:36

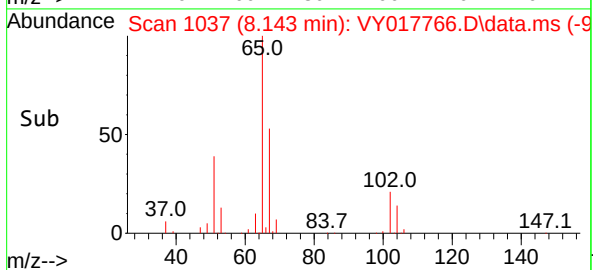
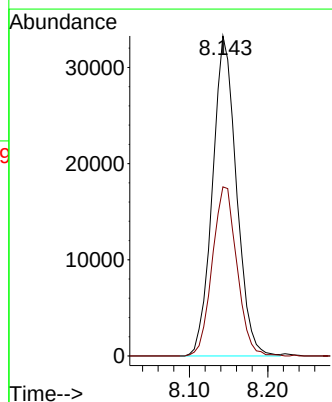
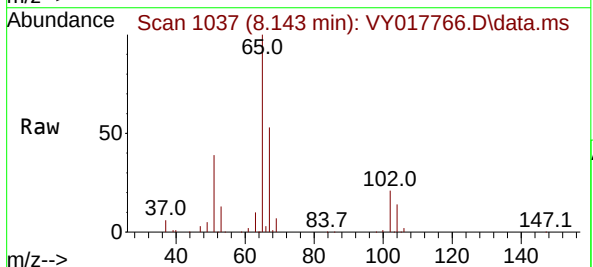
Instrument :
MSVOA_Y
ClientSampleId :
VNJ229-72-11976

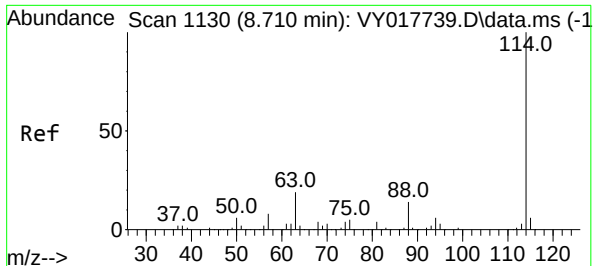
Tgt Ion: 43 Resp: 3195
Ion Ratio Lower Upper
43 100
72 25.0 27.3 40.9#



#33
1,2-Dichloroethane-d4
Concen: 65.772 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.018 min
Lab File: VY017766.D
Acq: 26 Mar 2024 13:36

Tgt Ion: 65 Resp: 70790
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.018 min

Lab File: VY017766.D

Acq: 26 Mar 2024 13:36

Instrument :

MSVOA_Y

ClientSampleId :

VNJ229-72-11976

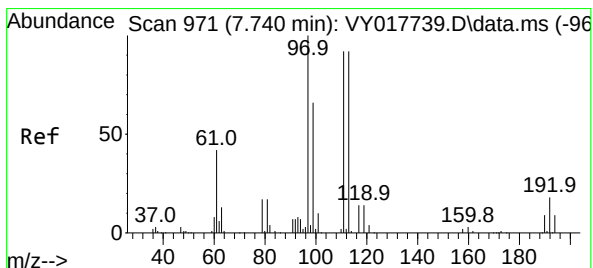
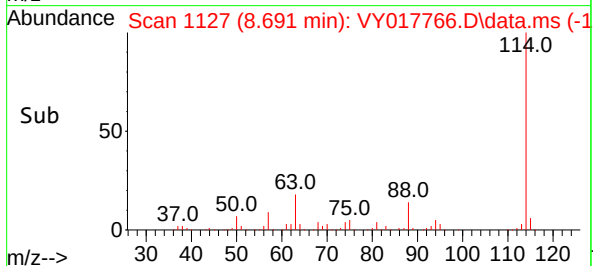
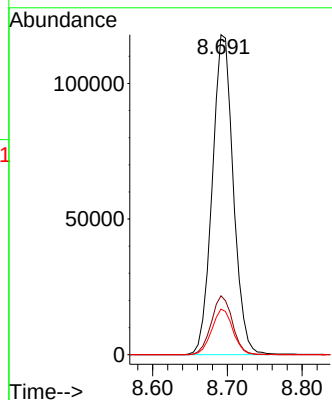
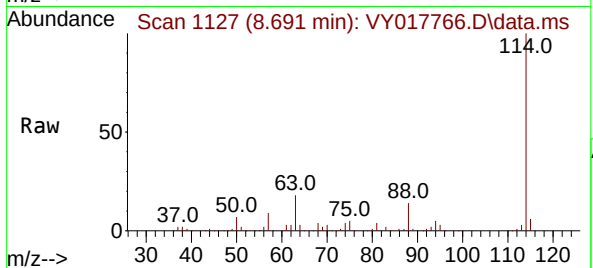
Tgt Ion:114 Resp: 230383

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 14.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.493 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.018 min

Lab File: VY017766.D

Acq: 26 Mar 2024 13:36

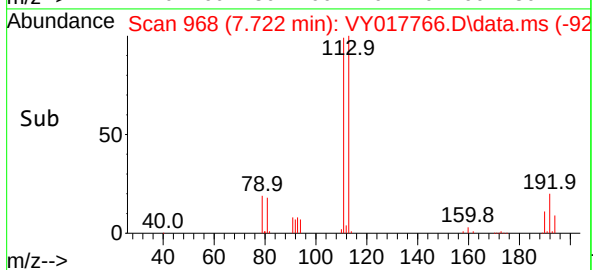
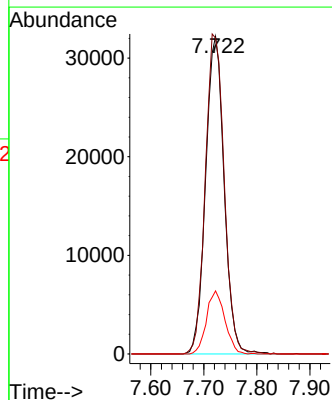
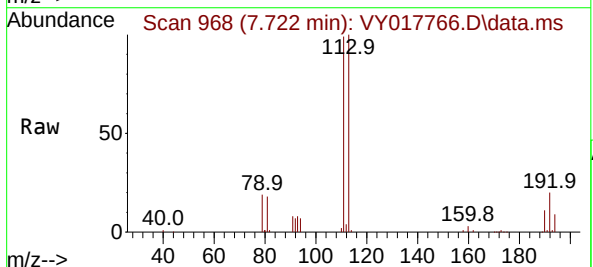
Tgt Ion:113 Resp: 77798

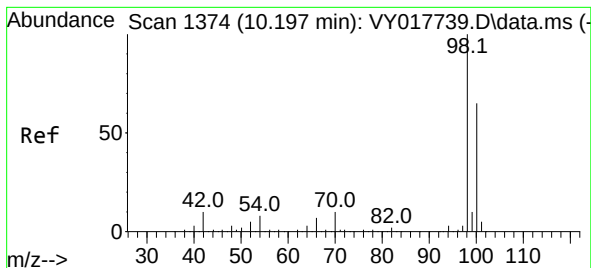
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 19.8 15.9 23.9





#50

Toluene-d8

Concen: 50.241 ug/l

RT: 10.185 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY017766.D

Acq: 26 Mar 2024 13:36

Instrument :

MSVOA_Y

ClientSampleId :

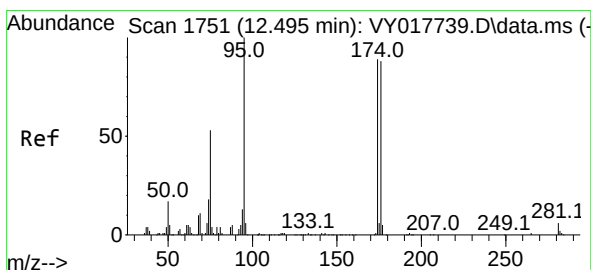
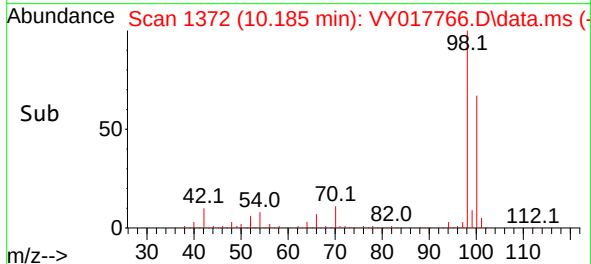
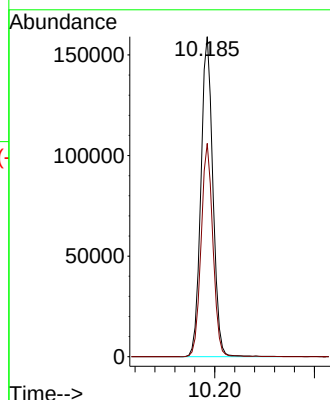
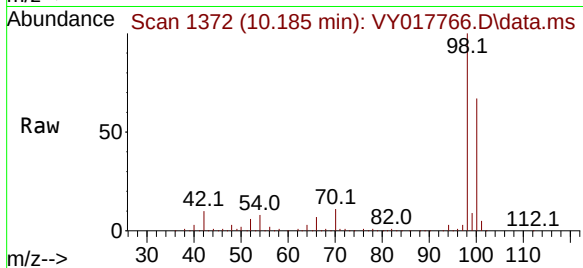
VNJ229-72-11976

Tgt Ion: 98 Resp: 264798

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.107 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.012 min

Lab File: VY017766.D

Acq: 26 Mar 2024 13:36

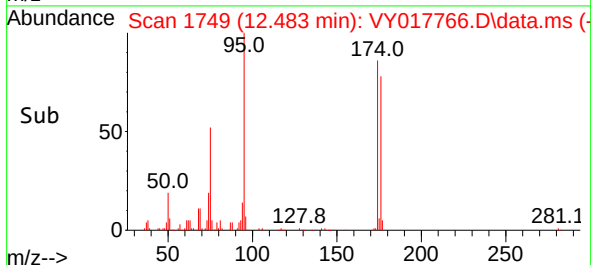
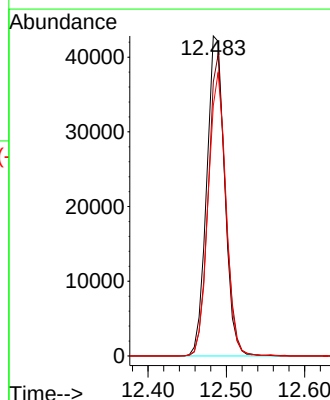
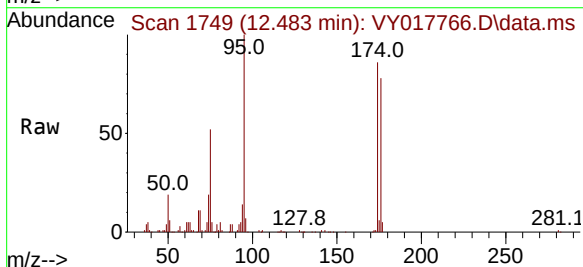
Tgt Ion: 95 Resp: 68223

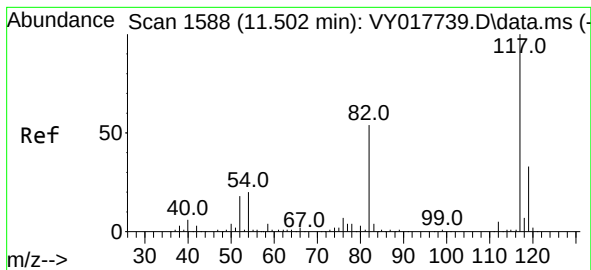
Ion Ratio Lower Upper

95 100

174 90.3 0.0 175.6

176 87.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017766.D

Acq: 26 Mar 2024 13:36

Instrument :

MSVOA_Y

ClientSampleId :

VNJ229-72-11976

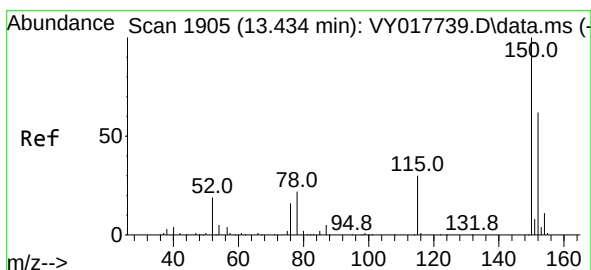
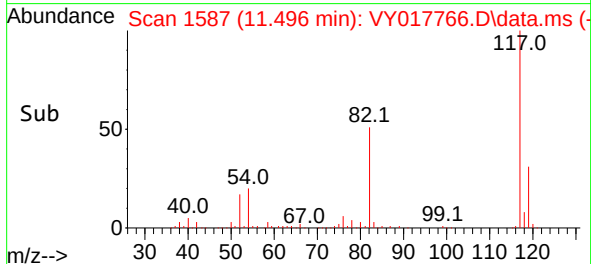
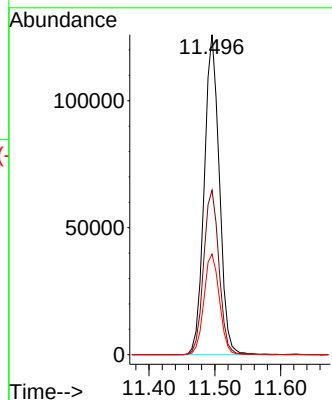
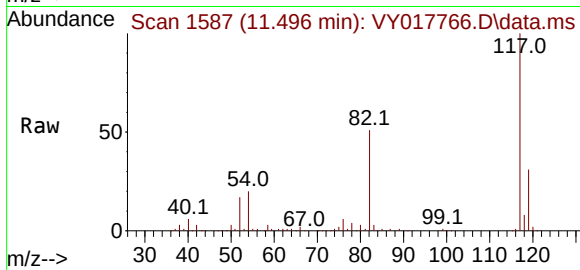
Tgt Ion:117 Resp: 201333

Ion Ratio Lower Upper

117 100

82 51.4 42.4 63.6

119 31.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY017766.D

Acq: 26 Mar 2024 13:36

Tgt Ion:152 Resp: 68752

Ion Ratio Lower Upper

152 100

115 55.3 28.2 84.7

150 159.0 0.0 345.6

