

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014241.D
 Acq On : 19 Jun 2023 20:29
 Operator : KP/MD
 Sample : 03320-07
 Misc : 5.35g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-12

Quant Time: Jun 20 05:01:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

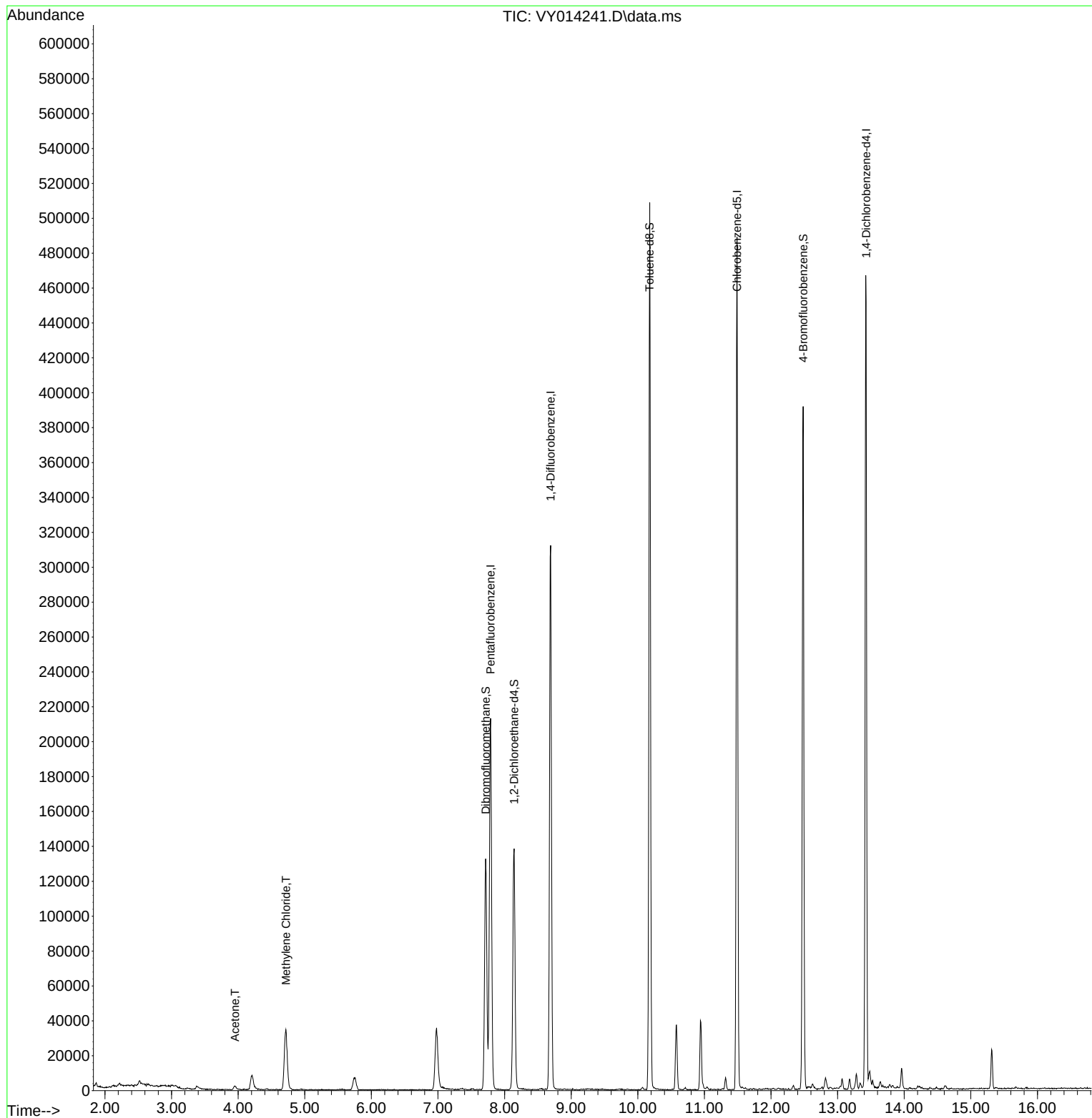
Internal Standards						
1) Pentafluorobenzene	7.789	168	168504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	263129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	251763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	115398	49.180	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.360%		
35) Dibromofluoromethane	7.716	113	89207	47.805	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.620%		
50) Toluene-d8	10.179	98	318230	45.615	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.240%		
62) 4-Bromofluorobenzene	12.483	95	105115	42.415	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	84.840%		
Target Compounds						
16) Acetone	3.954	43	3904	5.520	ug/l	99
20) Methylene Chloride	4.716	84	25760	8.427	ug/l	96

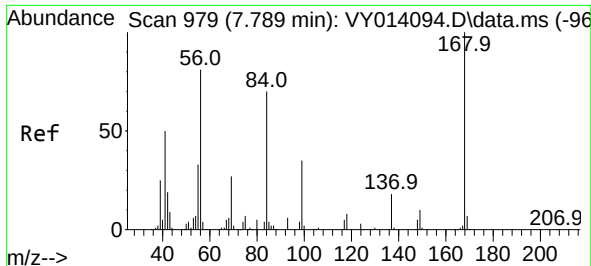
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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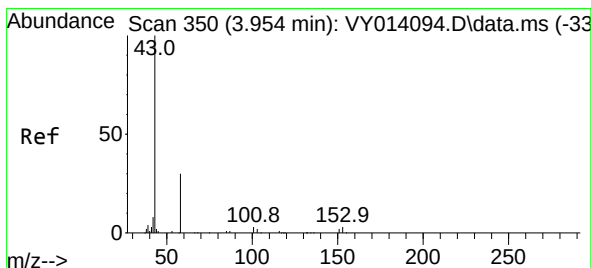
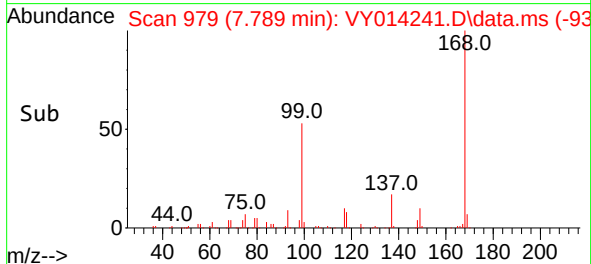
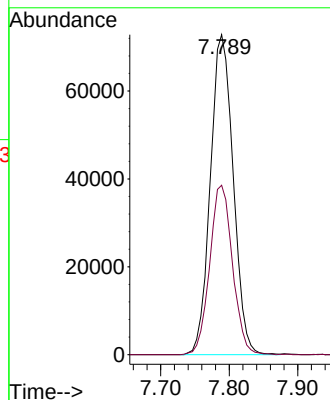
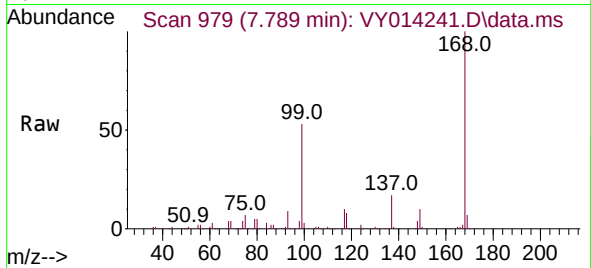




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014241.D
Acq: 19 Jun 2023 20:29

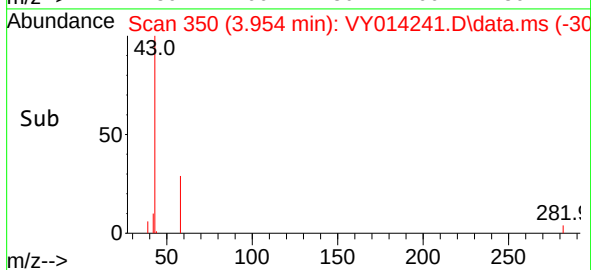
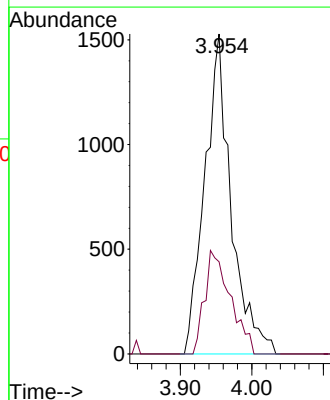
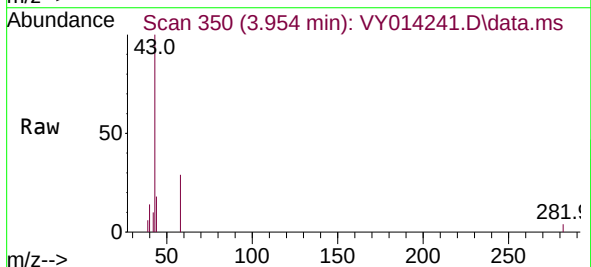
Instrument :
MSVOA_Y
ClientSampleId :
WC-12

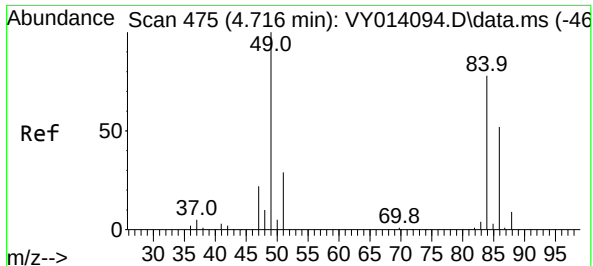
Tgt Ion:168 Resp: 168504
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#16
Acetone
Concen: 5.520 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014241.D
Acq: 19 Jun 2023 20:29

Tgt Ion: 43 Resp: 3904
Ion Ratio Lower Upper
43 100
58 28.8 22.7 34.1

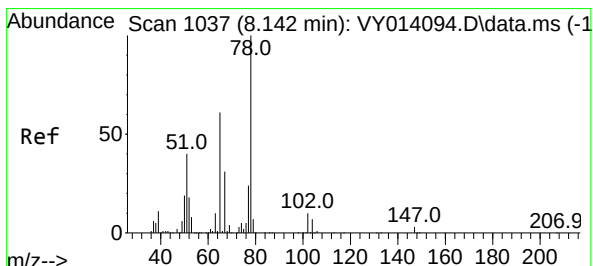
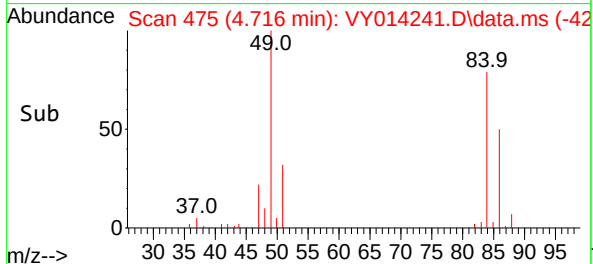
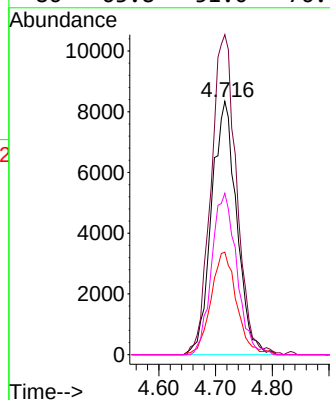
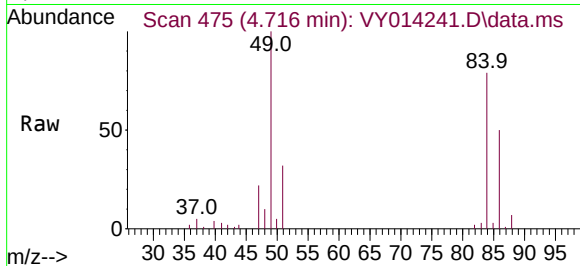




#20
Methylene Chloride
Concen: 8.427 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014241.D
Acq: 19 Jun 2023 20:29

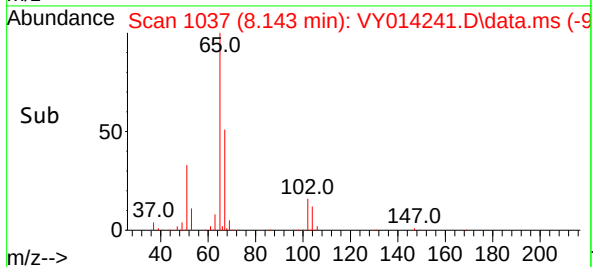
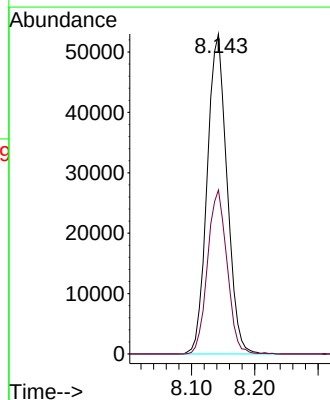
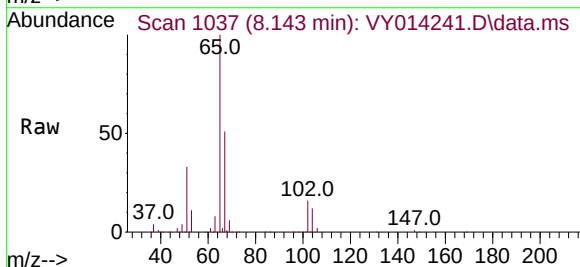
Instrument :
MSVOA_Y
ClientSampleId :
WC-12

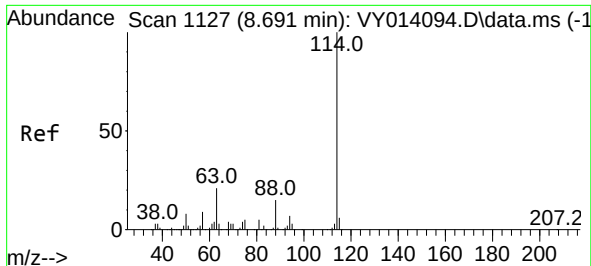
Tgt Ion:	84	Resp:	25760
Ion	Ratio	Lower	Upper
84	100		
49	126.4	106.9	160.3
51	40.5	33.2	49.8
86	63.8	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 49.180 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014241.D
Acq: 19 Jun 2023 20:29

Tgt Ion:	65	Resp:	115398
Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	101.8

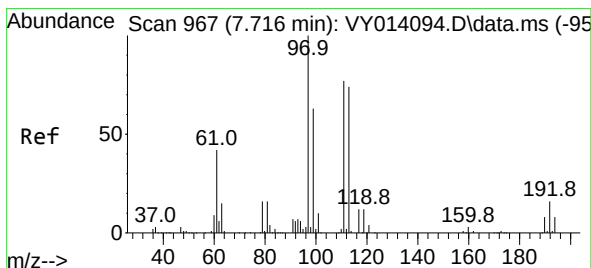
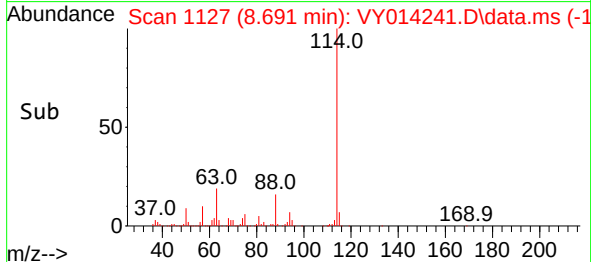
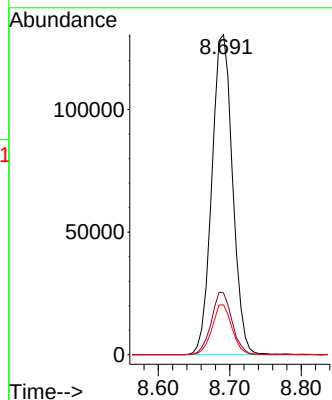
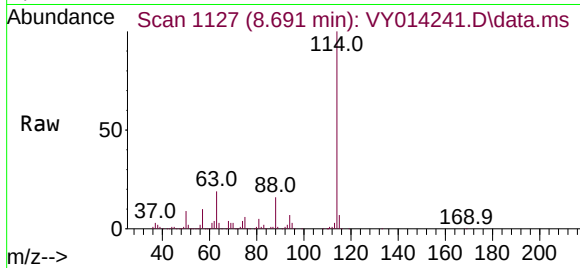




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014241.D
Acq: 19 Jun 2023 20:29

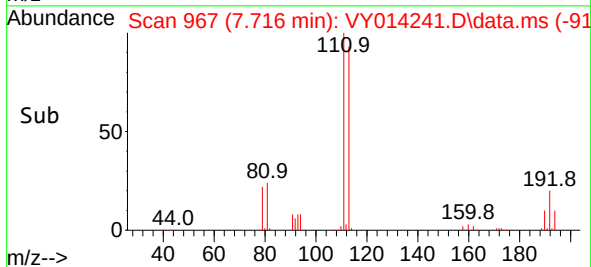
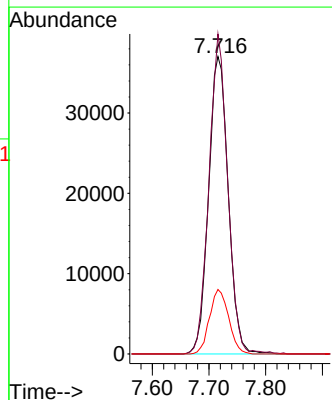
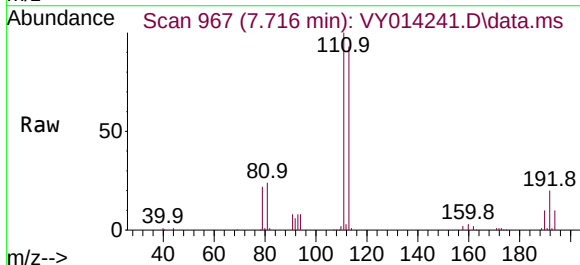
Instrument :
MSVOA_Y
ClientSampleId :
WC-12

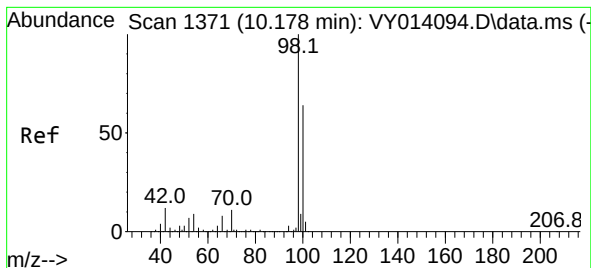
Tgt Ion:	114	Resp:	263129
Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	42.4
88	15.6	0.0	30.6



#35
Dibromofluoromethane
Concen: 47.805 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014241.D
Acq: 19 Jun 2023 20:29

Tgt Ion:	113	Resp:	89207
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.3	121.9
192	21.1	16.9	25.3





#50

Toluene-d8

Concen: 45.615 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014241.D

Acq: 19 Jun 2023 20:29

Instrument :

MSVOA_Y

ClientSampleId :

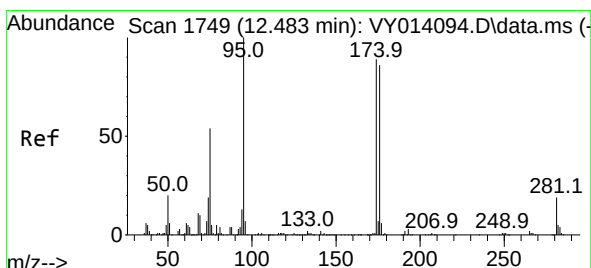
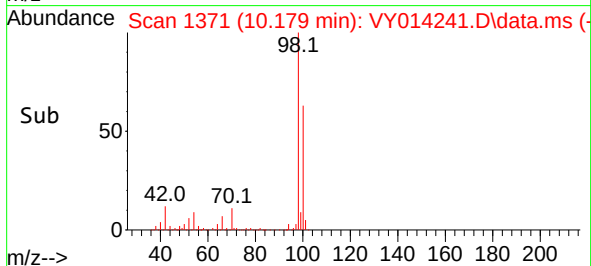
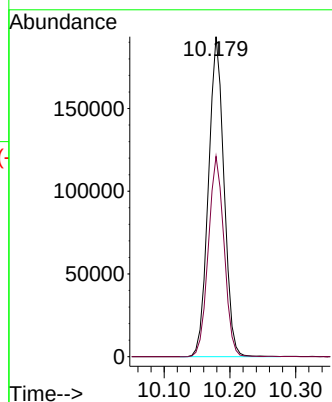
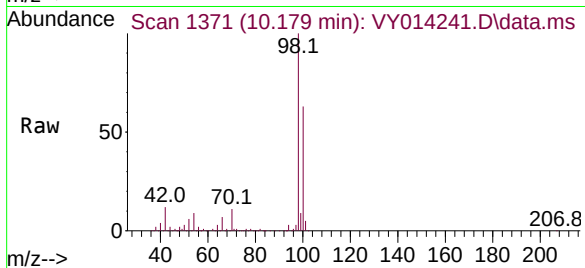
WC-12

Tgt Ion: 98 Resp: 318230

Ion Ratio Lower Upper

98 100

100 63.1 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 42.415 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY014241.D

Acq: 19 Jun 2023 20:29

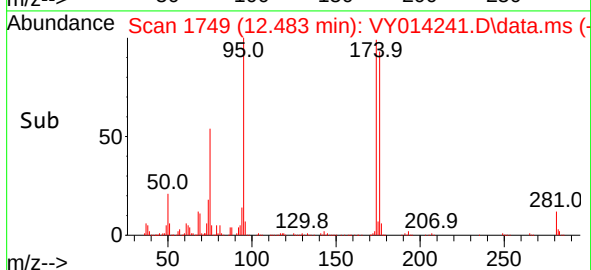
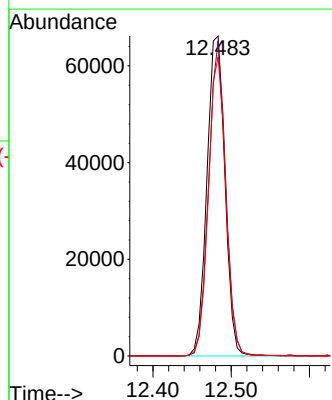
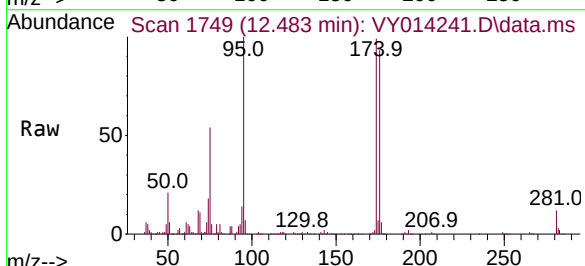
Tgt Ion: 95 Resp: 105115

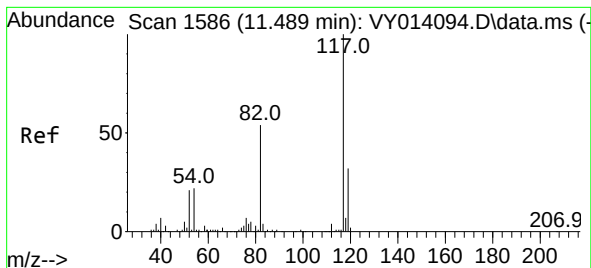
Ion Ratio Lower Upper

95 100

174 93.7 0.0 178.2

176 90.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014241.D

Acq: 19 Jun 2023 20:29

Instrument :

MSVOA_Y

ClientSampleId :

WC-12

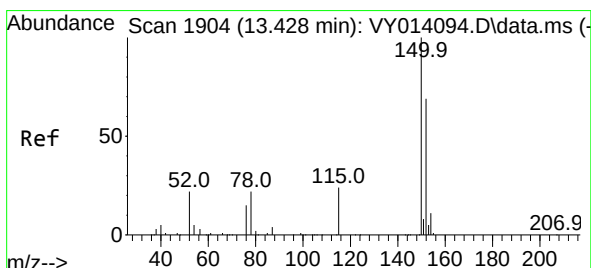
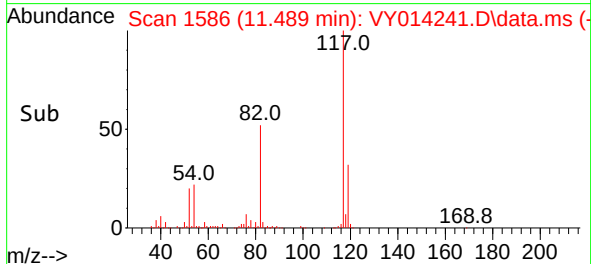
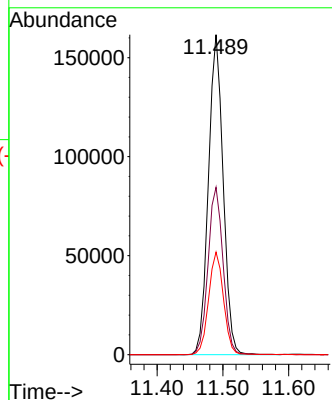
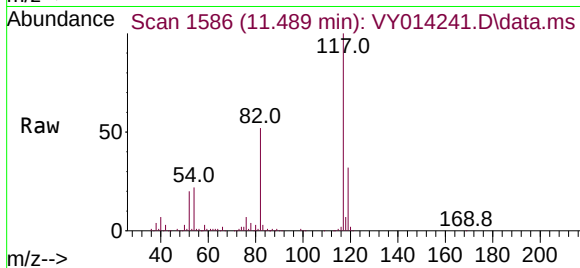
Tgt Ion:117 Resp: 251763

Ion Ratio Lower Upper

117 100

82 52.3 43.4 65.0

119 32.0 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014241.D

Acq: 19 Jun 2023 20:29

Tgt Ion:152 Resp: 122125

Ion Ratio Lower Upper

152 100

115 55.8 28.8 86.5

150 154.5 0.0 348.8

