

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014246.D
 Acq On : 19 Jun 2023 22:27
 Operator : KP/MD
 Sample : 03320-13
 Misc : 4.67g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14

Quant Time: Jun 20 05:03:35 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)

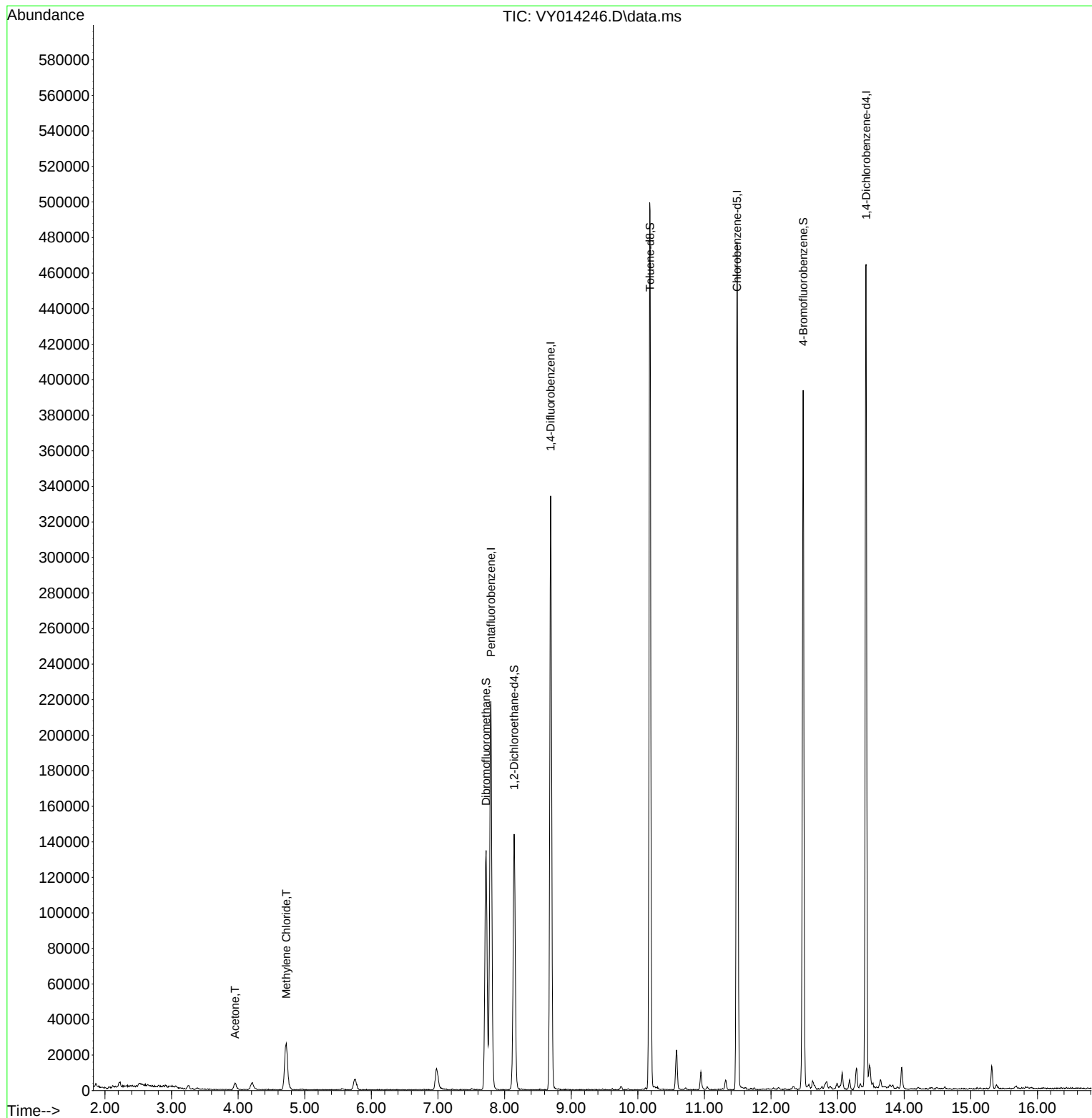
Internal Standards						
1) Pentafluorobenzene	7.795	168	171338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	274703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	260184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	115767	48.521	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.040%
35) Dibromofluoromethane	7.722	113	90956	46.689	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.380%
50) Toluene-d8	10.185	98	324537	44.559	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.120%
62) 4-Bromofluorobenzene	12.483	95	104035	40.211	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.420%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	6750	9.386	ug/l	99
20) Methylene Chloride	4.722	84	19492	5.283	ug/l	95

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

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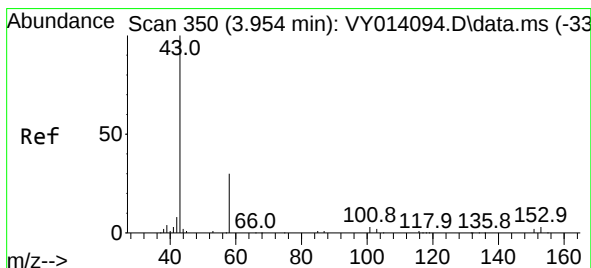
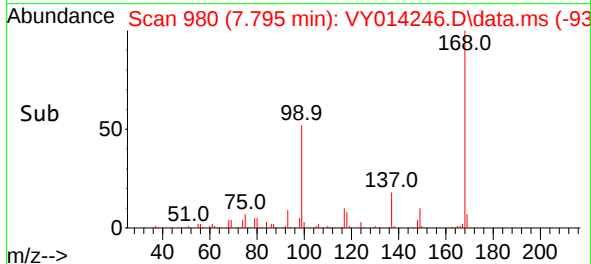
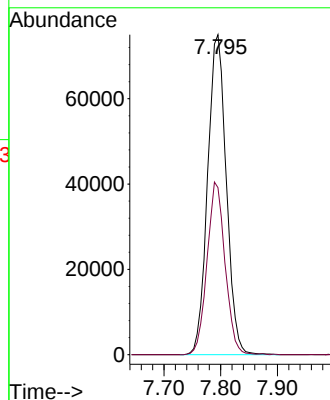
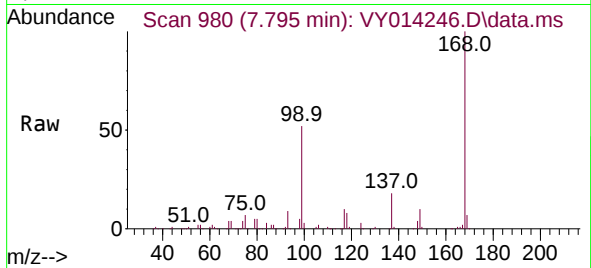




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014246.D
Acq: 19 Jun 2023 22:27

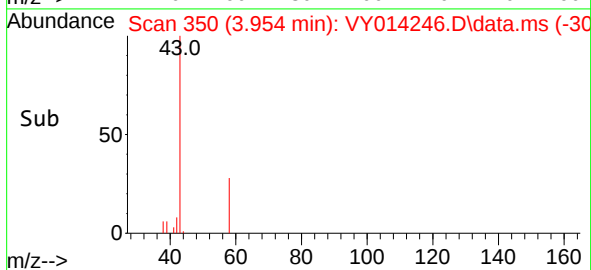
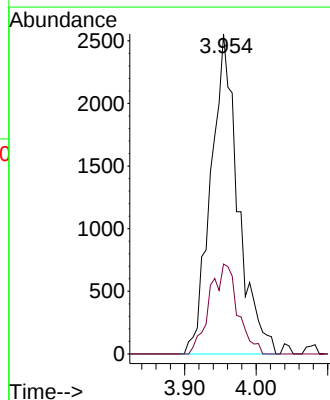
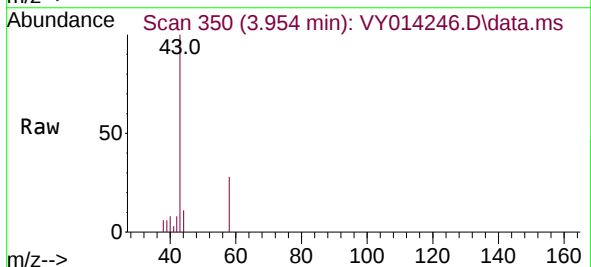
Instrument :
MSVOA_Y
ClientSampleId :
WC-14

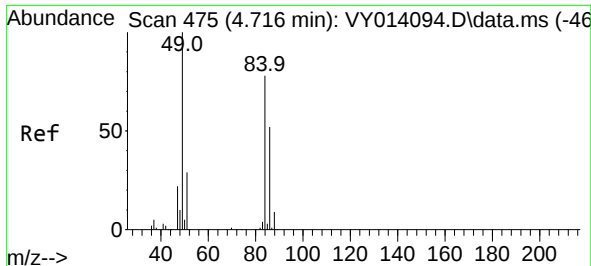
Tgt Ion:168 Resp: 171338
Ion Ratio Lower Upper
168 100
99 52.2 43.4 65.0



#16
Acetone
Concen: 9.386 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014246.D
Acq: 19 Jun 2023 22:27

Tgt Ion: 43 Resp: 6750
Ion Ratio Lower Upper
43 100
58 28.1 22.7 34.1

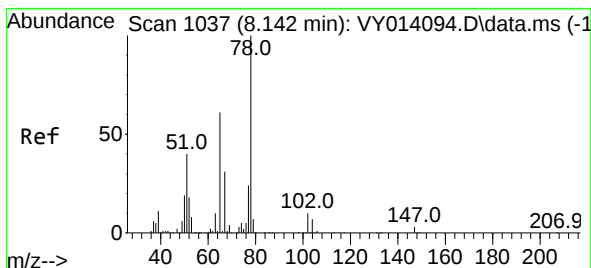
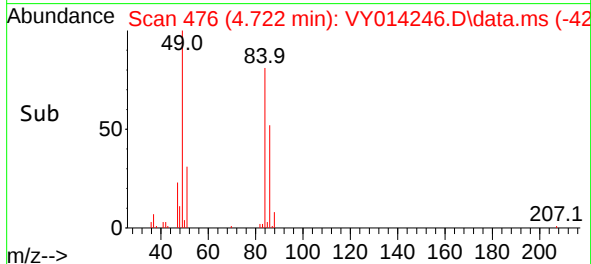
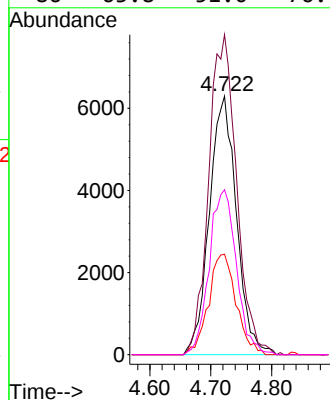
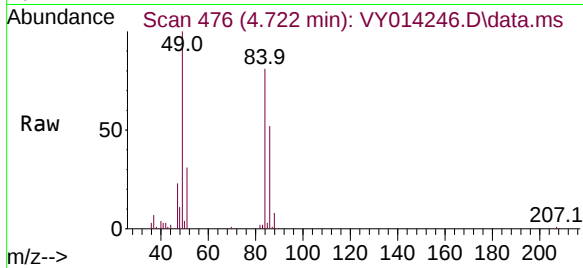




#20
Methylene Chloride
Concen: 5.283 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014246.D
Acq: 19 Jun 2023 22:27

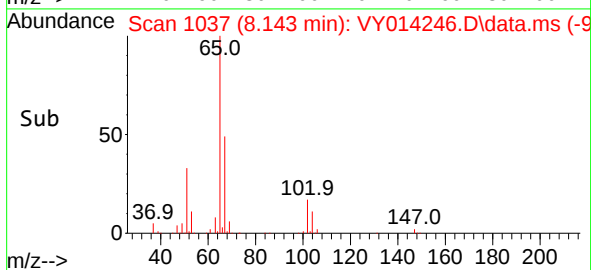
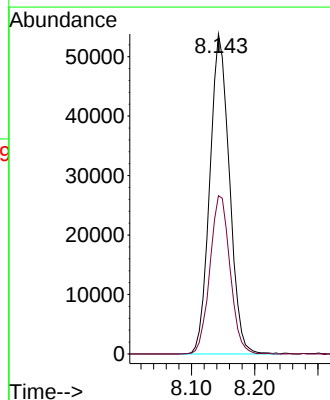
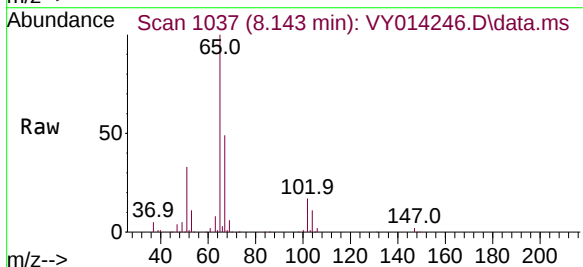
Instrument :
MSVOA_Y
ClientSampleId :
WC-14

Tgt Ion:	84	Resp:	19492
Ion	Ratio	Lower	Upper
84	100		
49	123.8	106.9	160.3
51	38.9	33.2	49.8
86	63.8	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 48.521 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014246.D
Acq: 19 Jun 2023 22:27

Tgt Ion:	65	Resp:	115767
Ion	Ratio	Lower	Upper
65	100		
67	50.8	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: VY014246.D

Acq: 19 Jun 2023 22:27

Instrument :

MSVOA_Y

ClientSampleId :

WC-14

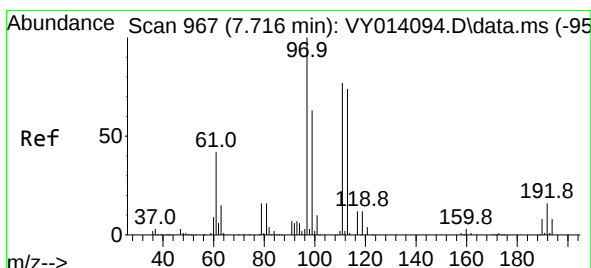
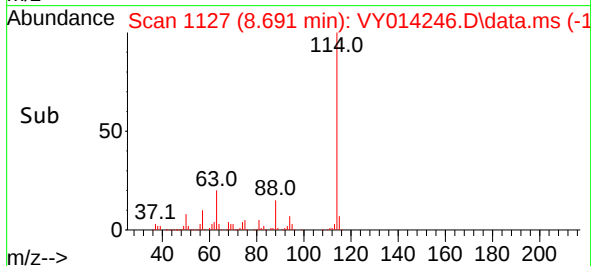
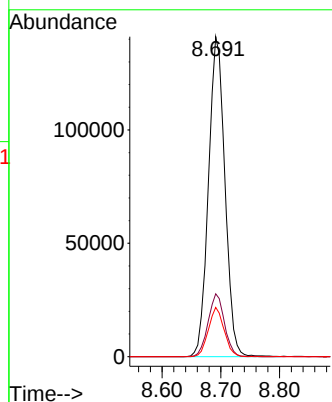
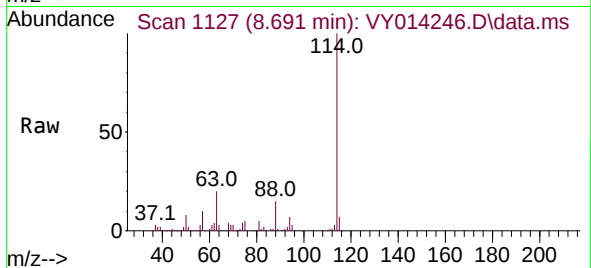
Tgt Ion:114 Resp: 274703

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.689 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY014246.D

Acq: 19 Jun 2023 22:27

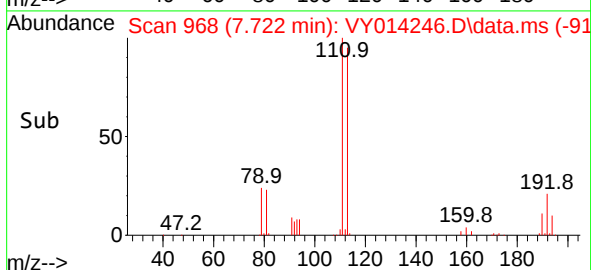
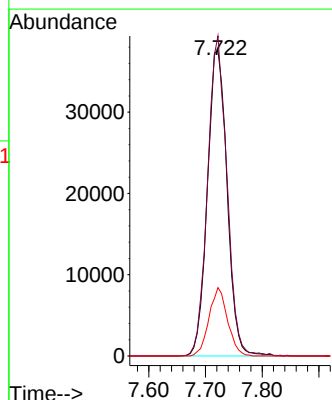
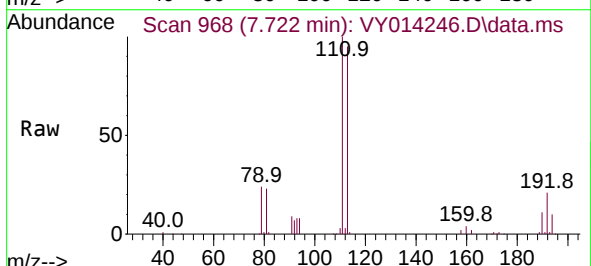
Tgt Ion:113 Resp: 90956

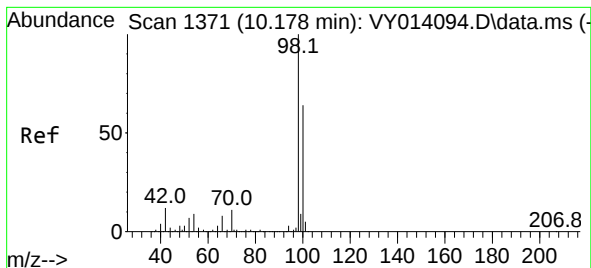
Ion Ratio Lower Upper

113 100

111 102.7 81.3 121.9

192 21.0 16.9 25.3





#50

Toluene-d8

Concen: 44.559 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY014246.D

Acq: 19 Jun 2023 22:27

Instrument :

MSVOA_Y

ClientSampleId :

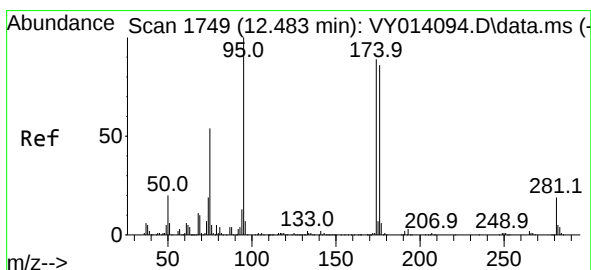
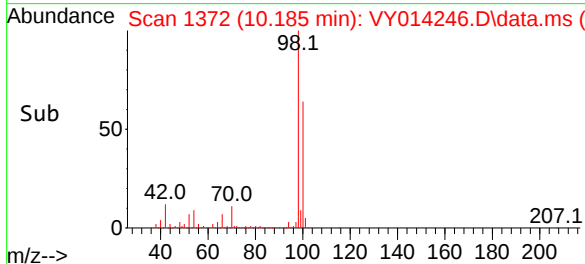
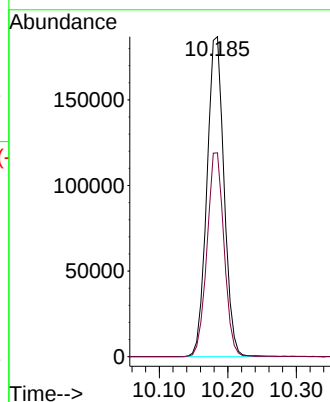
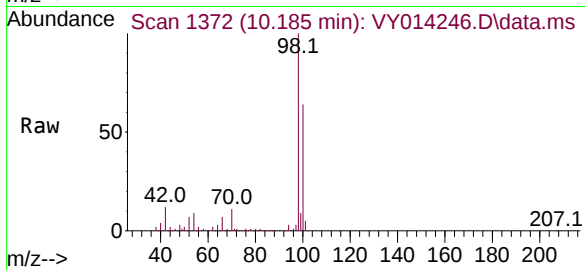
WC-14

Tgt Ion: 98 Resp: 324537

Ion Ratio Lower Upper

98 100

100 63.5 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 40.211 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY014246.D

Acq: 19 Jun 2023 22:27

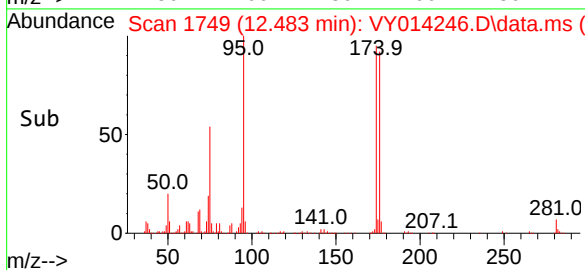
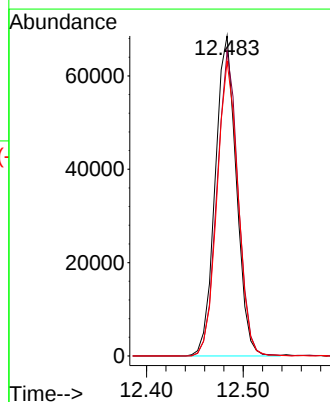
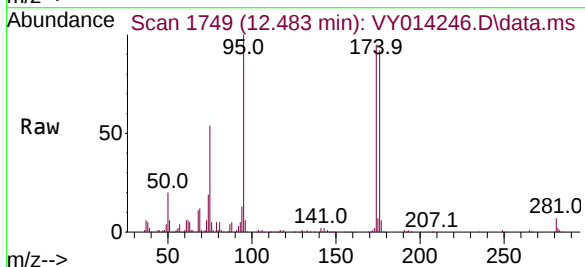
Tgt Ion: 95 Resp: 104035

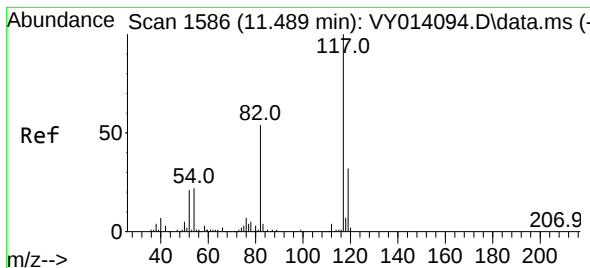
Ion Ratio Lower Upper

95 100

174 94.7 0.0 178.2

176 91.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014246.D

Acq: 19 Jun 2023 22:27

Instrument :

MSVOA_Y

ClientSampleId :

WC-14

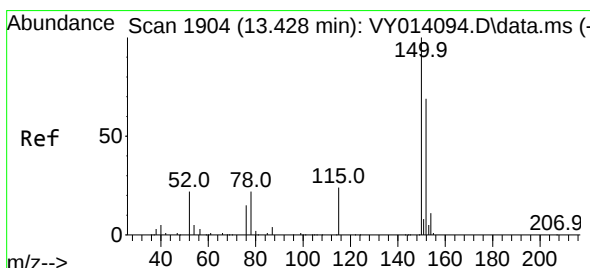
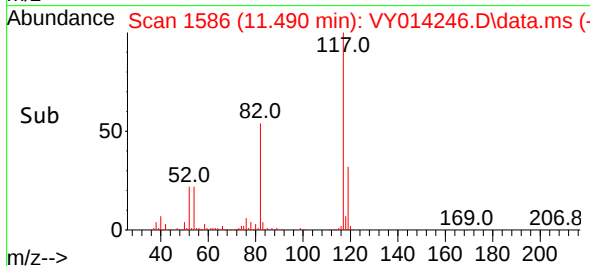
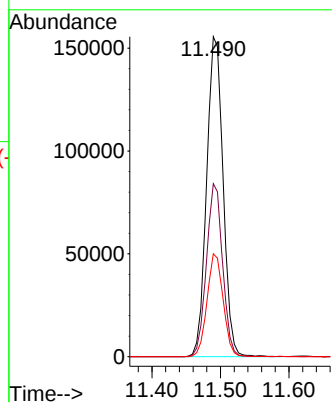
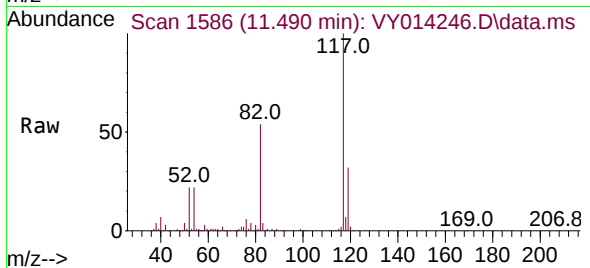
Tgt Ion:117 Resp: 260184

Ion Ratio Lower Upper

117 100

82 54.1 43.4 65.0

119 32.2 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: VY014246.D

Acq: 19 Jun 2023 22:27

Tgt Ion:152 Resp: 121750

Ion Ratio Lower Upper

152 100

115 56.0 28.8 86.5

150 157.4 0.0 348.8

