

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014244.D
 Acq On : 19 Jun 2023 21:40
 Operator : KP/MD
 Sample : 03320-19
 Misc : 5.63g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14A

Quant Time: Jun 20 05:02:56 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)

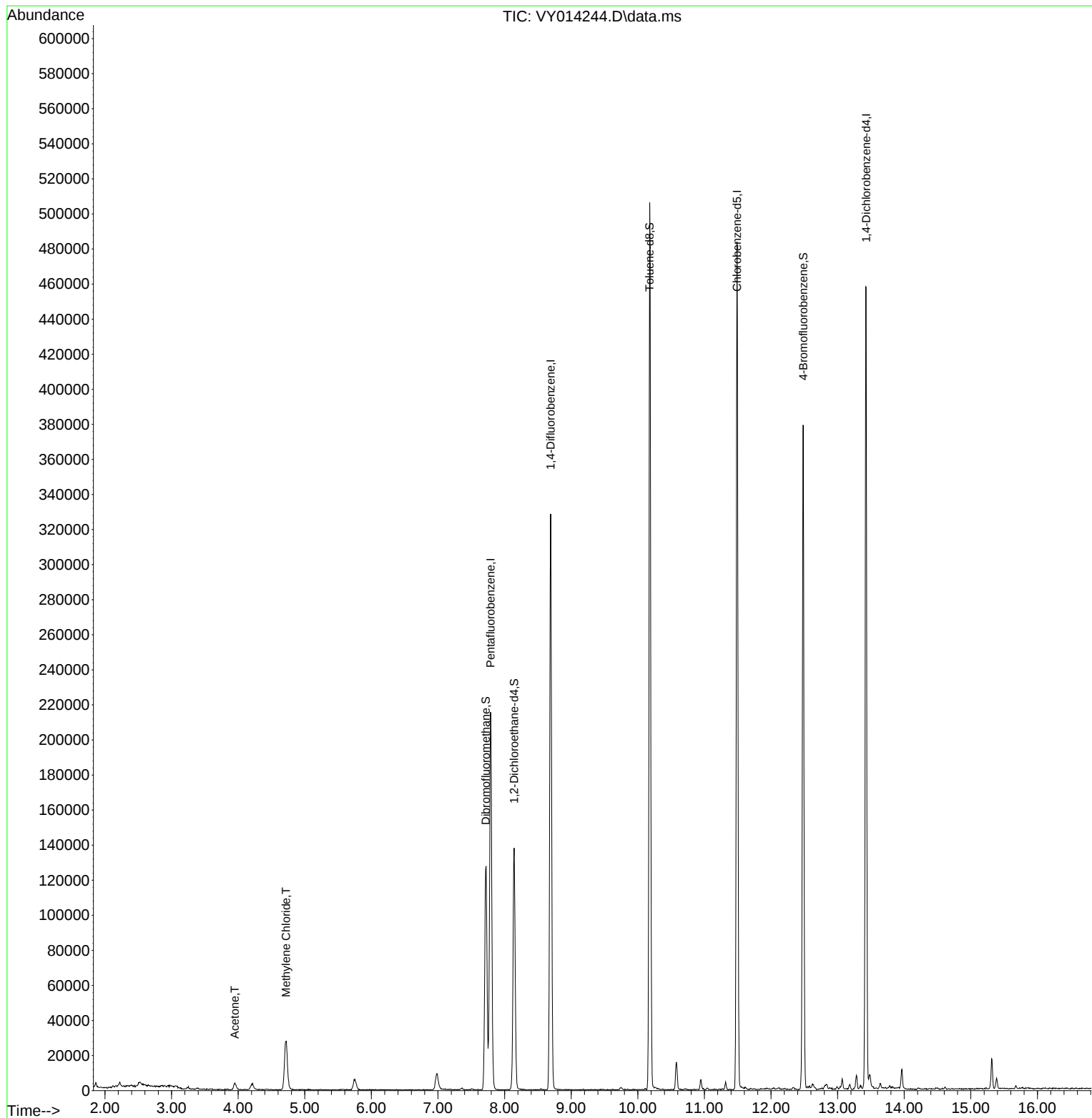
Internal Standards						
1) Pentafluorobenzene	7.789	168	166791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	270429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	258622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	112739	48.540	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.080%		
35) Dibromofluoromethane	7.716	113	89091	46.454	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.900%		
50) Toluene-d8	10.179	98	325046	45.334	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.660%		
62) 4-Bromofluorobenzene	12.483	95	104503	41.030	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	82.060%		
Target Compounds					Qvalue	
16) Acetone	3.948	43	6437	9.194	ug/l	98
20) Methylene Chloride	4.716	84	20934	6.227	ug/l	99

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

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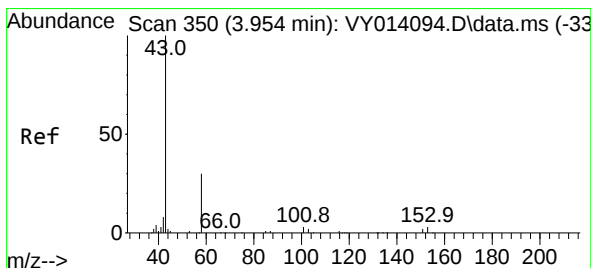
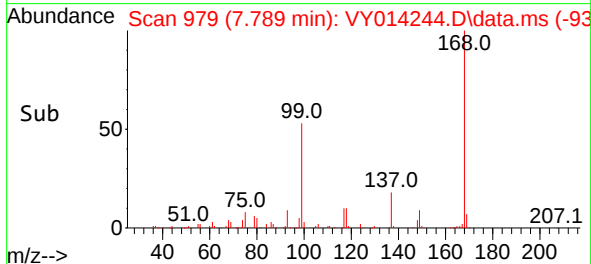
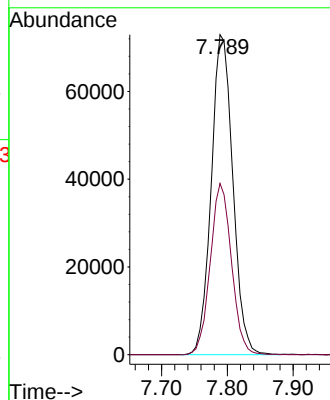
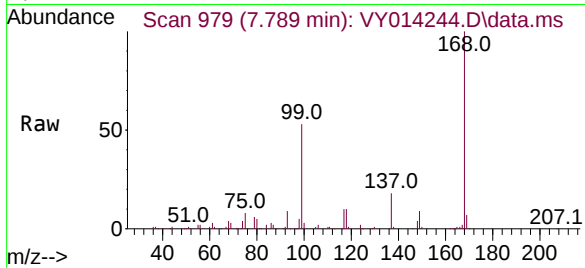




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014244.D
Acq: 19 Jun 2023 21:40

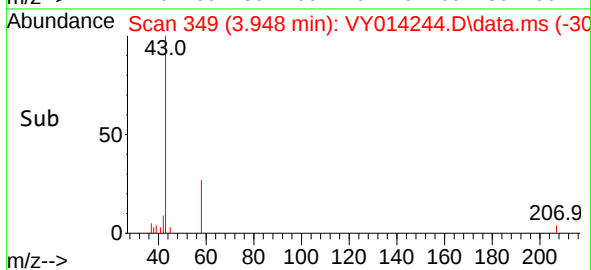
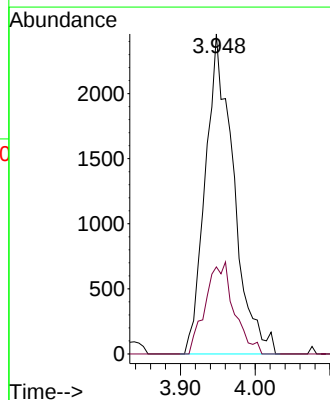
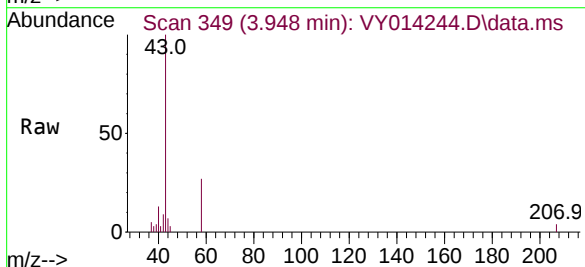
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A

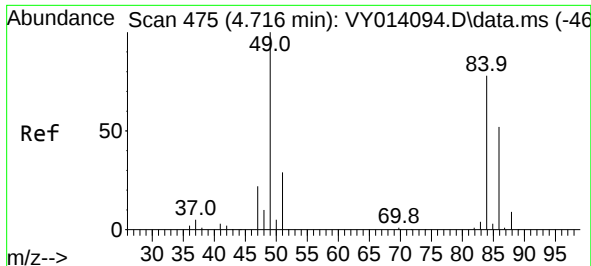
Tgt Ion:168 Resp: 166791
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#16
Acetone
Concen: 9.194 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014244.D
Acq: 19 Jun 2023 21:40

Tgt Ion: 43 Resp: 6437
Ion Ratio Lower Upper
43 100
58 27.2 22.7 34.1

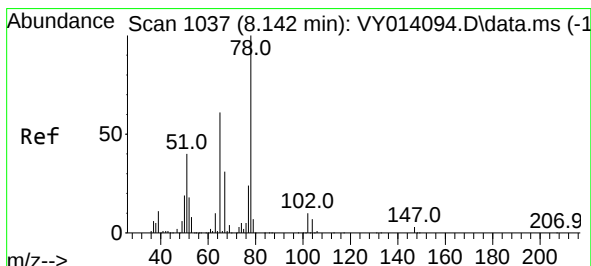
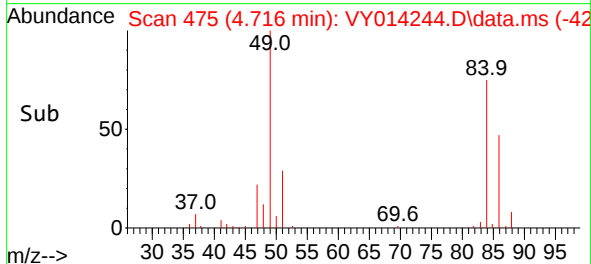
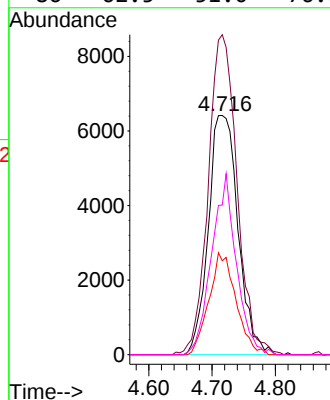
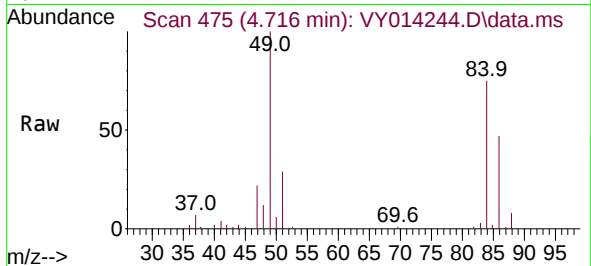




#20
Methylene Chloride
Concen: 6.227 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014244.D
Acq: 19 Jun 2023 21:40

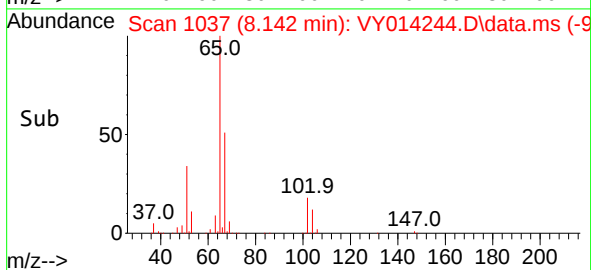
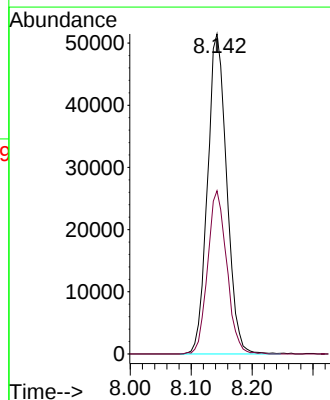
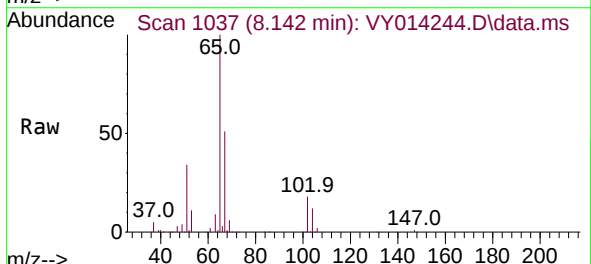
Instrument :
MSVOA_Y
ClientSampleId :
WC-14A

Tgt Ion:	84	Resp:	20934
Ion	Ratio	Lower	Upper
84	100		
49	132.9	106.9	160.3
51	39.3	33.2	49.8
86	62.5	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 48.540 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014244.D
Acq: 19 Jun 2023 21:40

Tgt Ion:	65	Resp:	112739
Ion	Ratio	Lower	Upper
65	100		
67	50.7	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: VY014244.D

Acq: 19 Jun 2023 21:40

Instrument :

MSVOA_Y

ClientSampleId :

WC-14A

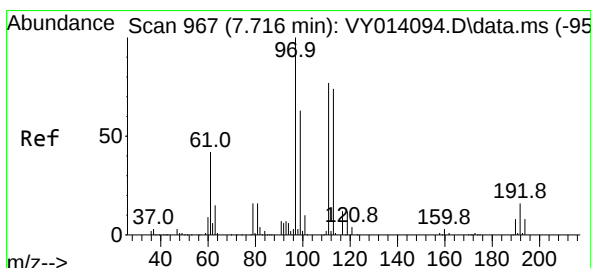
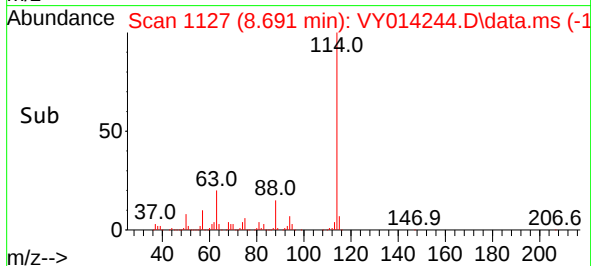
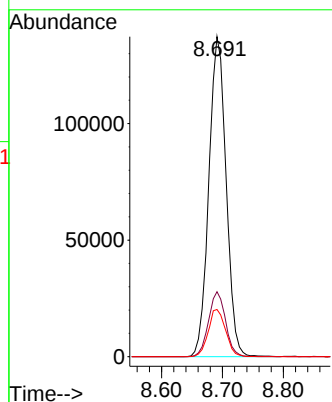
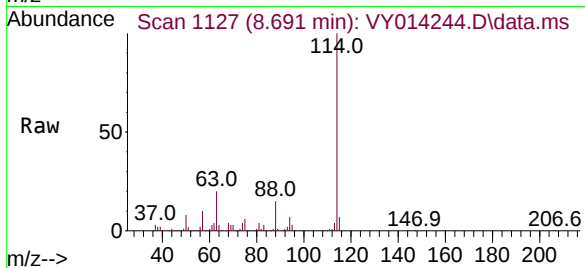
Tgt Ion:114 Resp: 270429

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.454 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014244.D

Acq: 19 Jun 2023 21:40

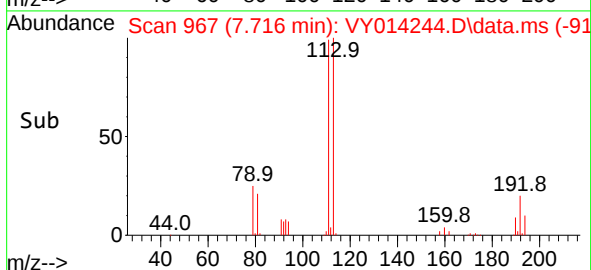
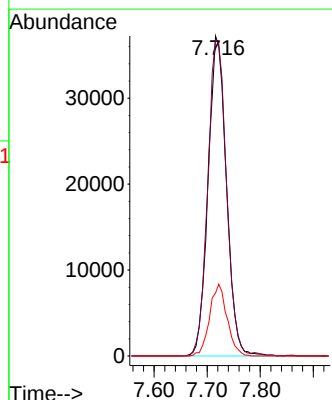
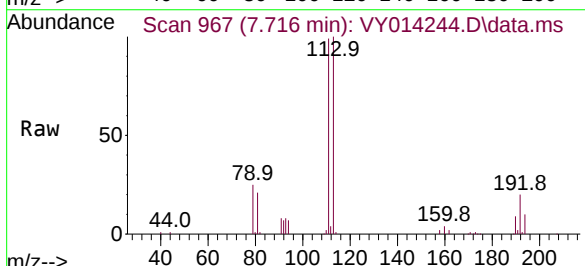
Tgt Ion:113 Resp: 89091

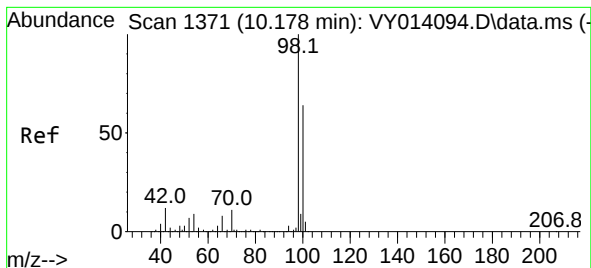
Ion Ratio Lower Upper

113 100

111 101.0 81.3 121.9

192 21.4 16.9 25.3





#50

Toluene-d8

Concen: 45.334 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014244.D

Acq: 19 Jun 2023 21:40

Instrument :

MSVOA_Y

ClientSampleId :

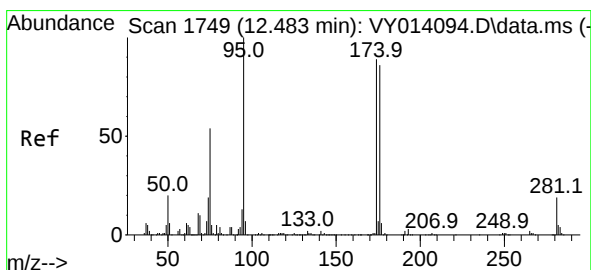
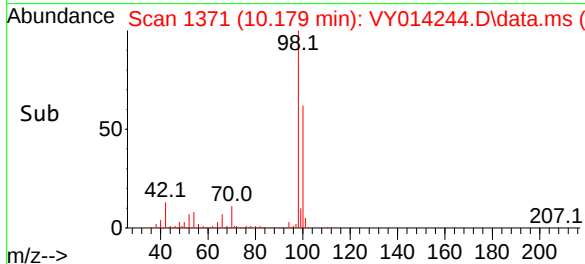
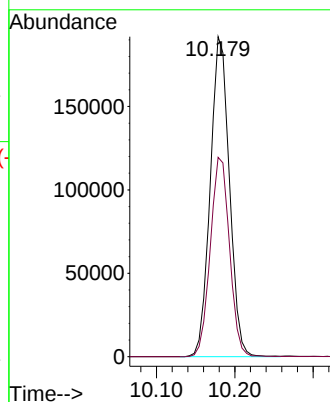
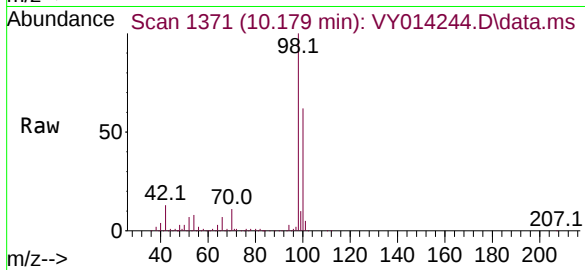
WC-14A

Tgt Ion: 98 Resp: 325046

Ion Ratio Lower Upper

98 100

100 62.6 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 41.030 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY014244.D

Acq: 19 Jun 2023 21:40

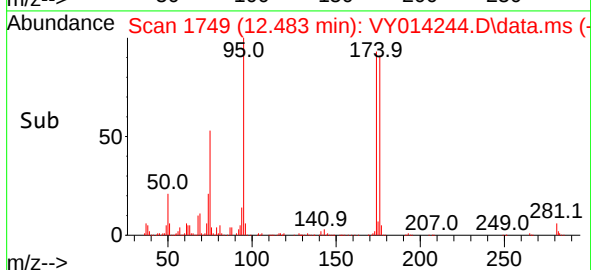
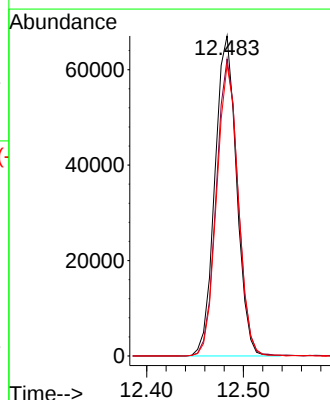
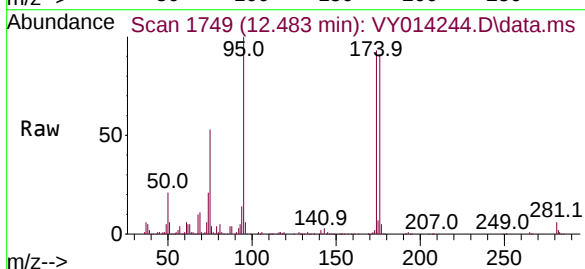
Tgt Ion: 95 Resp: 104503

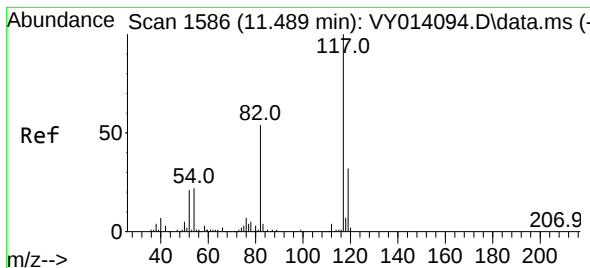
Ion Ratio Lower Upper

95 100

174 92.7 0.0 178.2

176 90.0 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: VY014244.D

Acq: 19 Jun 2023 21:40

Instrument :

MSVOA_Y

ClientSampleId :

WC-14A

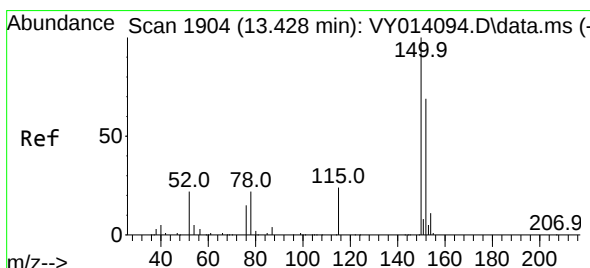
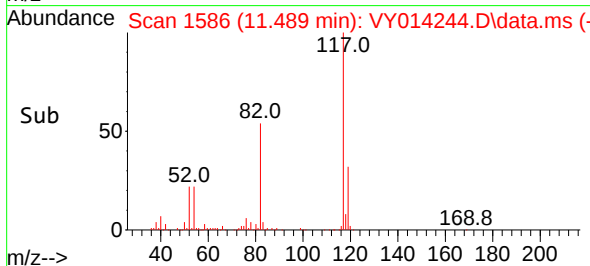
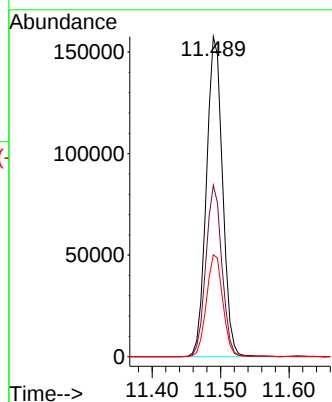
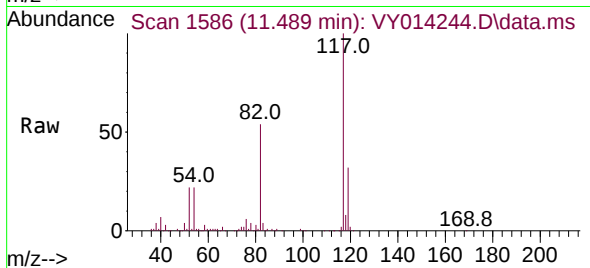
Tgt Ion:117 Resp: 258622

Ion Ratio Lower Upper

117 100

82 53.6 43.4 65.0

119 31.9 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: VY014244.D

Acq: 19 Jun 2023 21:40

Tgt Ion:152 Resp: 121614

Ion Ratio Lower Upper

152 100

115 55.7 28.8 86.5

150 154.8 0.0 348.8

