

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
 Data File : VY011074.D
 Acq On : 24 Oct 2022 17:07
 Operator : KP/MD
 Sample : N5253-05
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124042

Quant Time: Oct 25 05:47:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

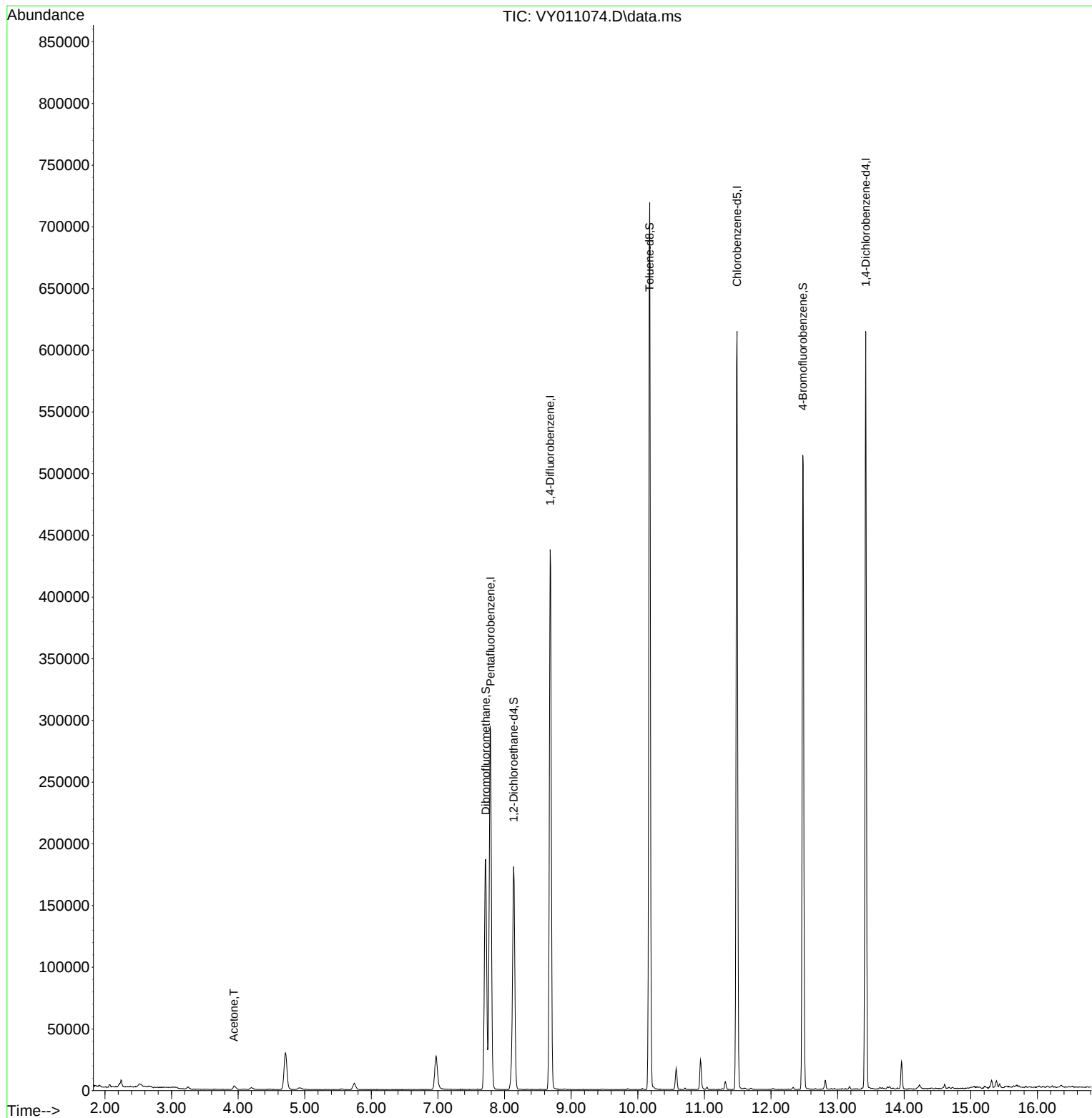
Internal Standards						
1) Pentafluorobenzene	7.789	168	235083	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	392166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	346149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	133239	61.529	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.060%	
35) Dibromofluoromethane	7.716	113	138133	63.783	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 127.560%	
50) Toluene-d8	10.179	98	476852	58.235	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.460%	
62) 4-Bromofluorobenzene	12.477	95	156001	54.030	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.060%	
Target Compounds						
16) Acetone	3.936	43	5664	9.007	ug/l	95

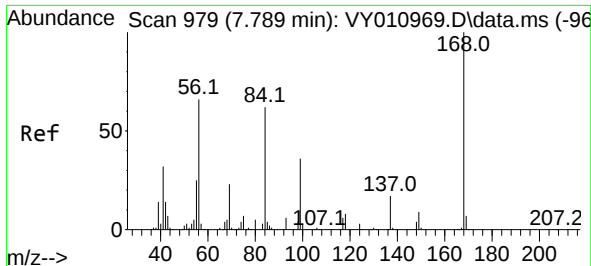
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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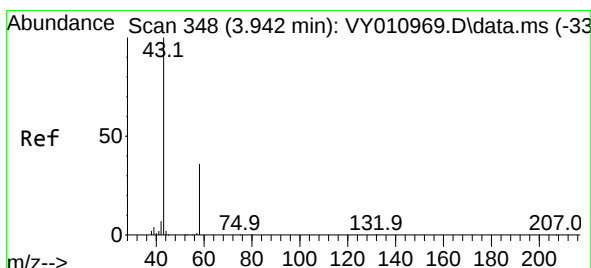
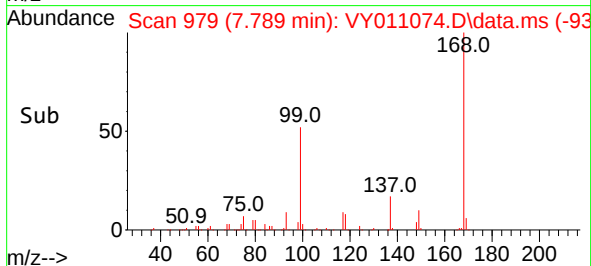
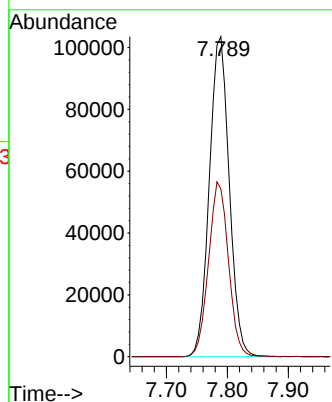
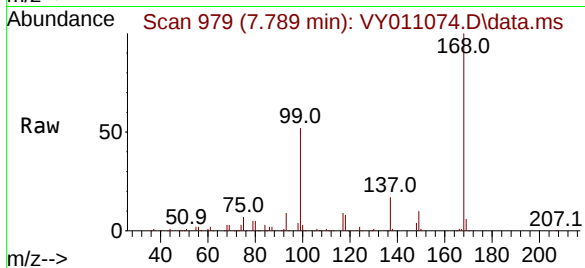




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011074.D
Acq: 24 Oct 2022 17:07

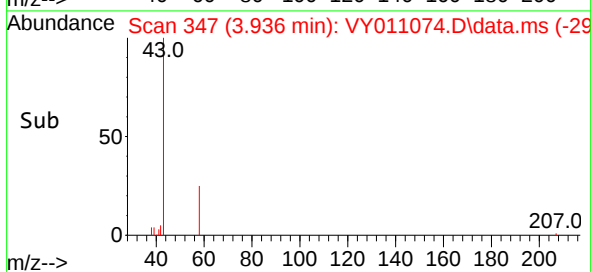
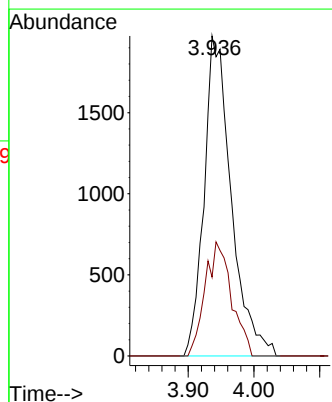
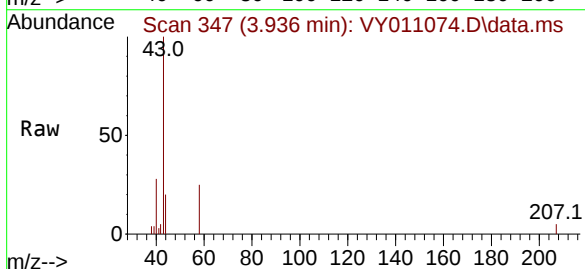
Instrument :
MSVOA_Y
ClientSampleId :
124042

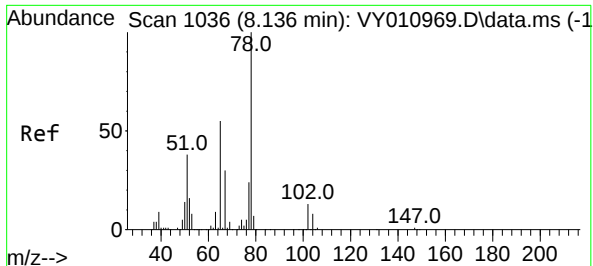
Tgt Ion:168 Resp: 235083
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#16
Acetone
Concen: 9.007 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY011074.D
Acq: 24 Oct 2022 17:07

Tgt Ion: 43 Resp: 5664
Ion Ratio Lower Upper
43 100
58 24.7 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 61.529 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY011074.D

Acq: 24 Oct 2022 17:07

Instrument :

MSVOA_Y

ClientSampleId :

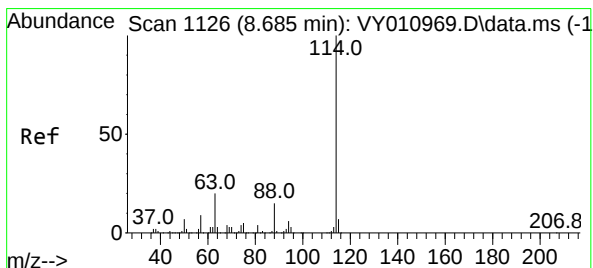
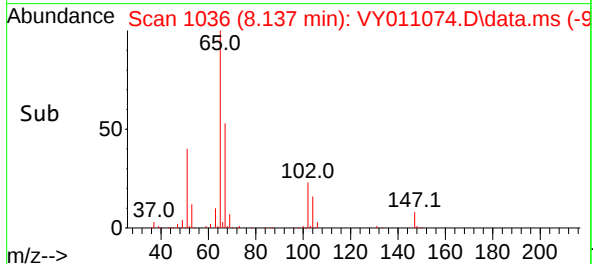
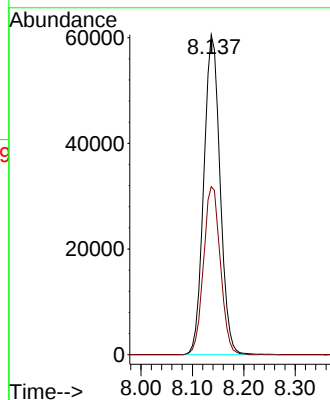
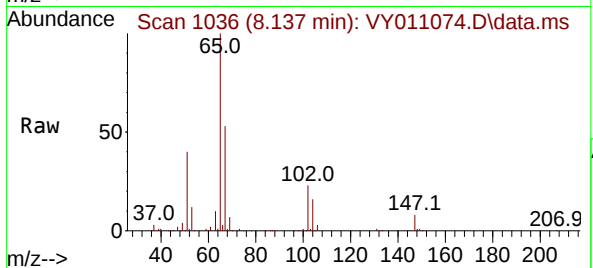
124042

Tgt Ion: 65 Resp: 133239

Ion Ratio Lower Upper

65 100

67 54.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011074.D

Acq: 24 Oct 2022 17:07

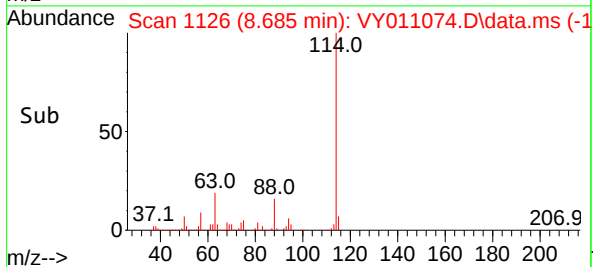
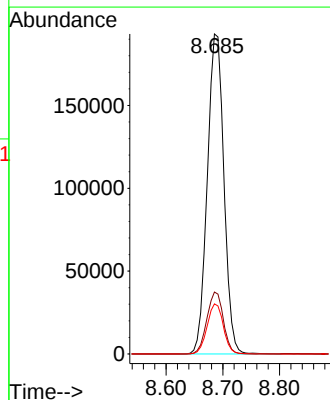
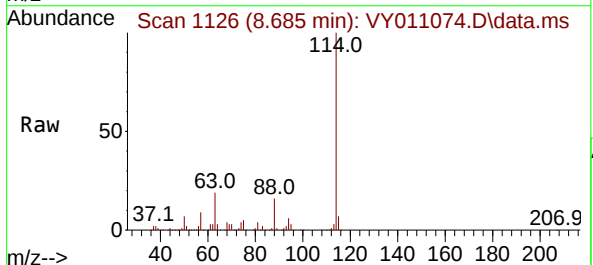
Tgt Ion: 114 Resp: 392166

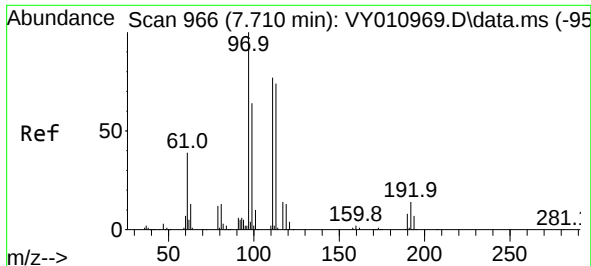
Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 15.7 0.0 31.8

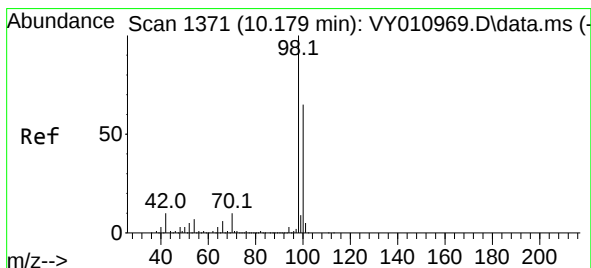
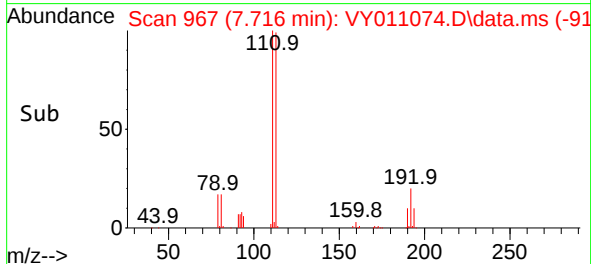
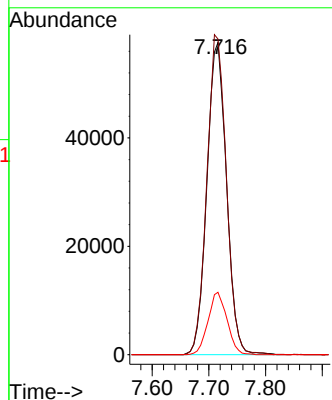
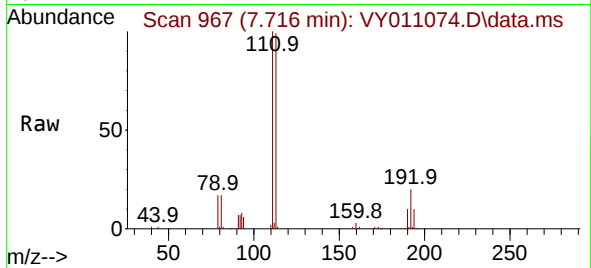




#35
Dibromofluoromethane
Concen: 63.783 ug/l
RT: 7.716 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY011074.D
Acq: 24 Oct 2022 17:07

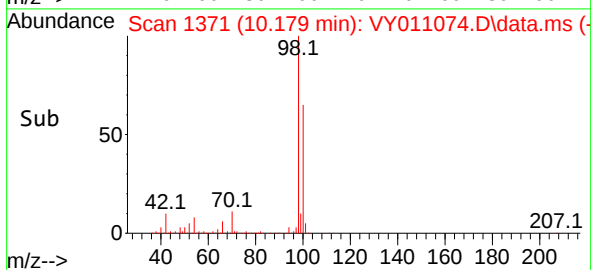
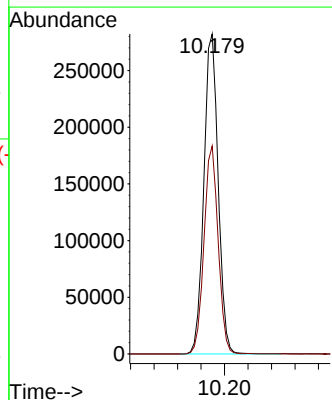
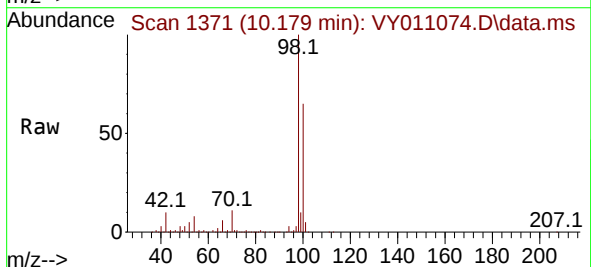
Instrument :
MSVOA_Y
ClientSampleId :
124042

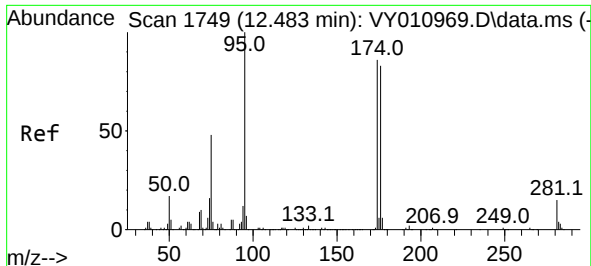
Tgt Ion:113 Resp: 138133
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 19.4 17.6 26.4



#50
Toluene-d8
Concen: 58.235 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011074.D
Acq: 24 Oct 2022 17:07

Tgt Ion: 98 Resp: 476852
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 54.030 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY011074.D

Acq: 24 Oct 2022 17:07

Instrument :

MSVOA_Y

ClientSampleId :

124042

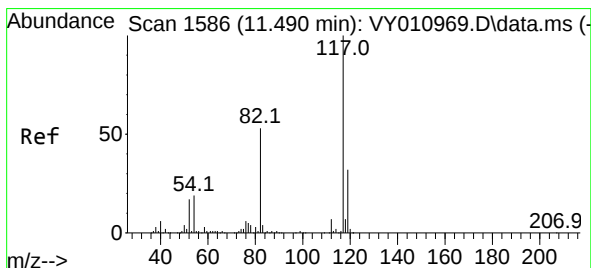
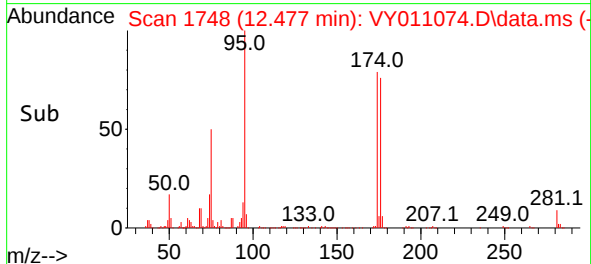
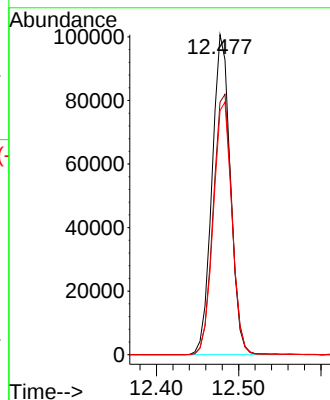
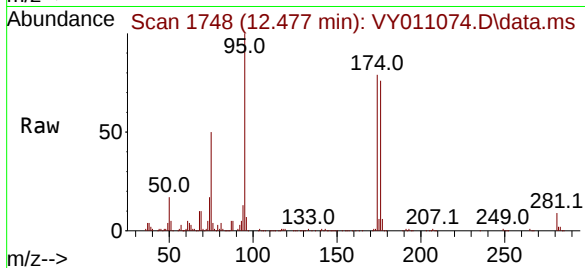
Tgt Ion: 95 Resp: 156001

Ion Ratio Lower Upper

95 100

174 83.4 0.0 177.0

176 80.4 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY011074.D

Acq: 24 Oct 2022 17:07

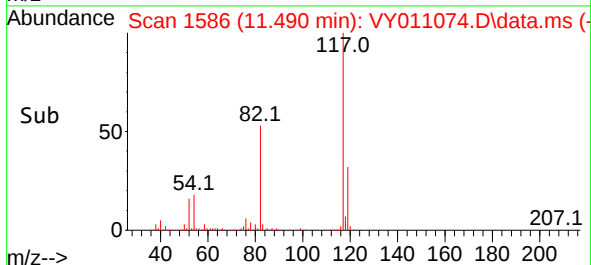
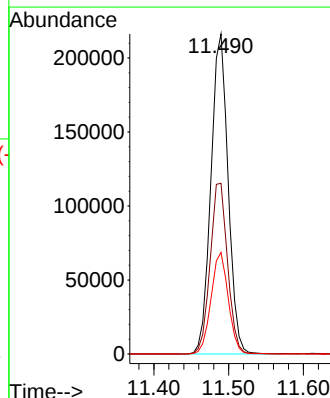
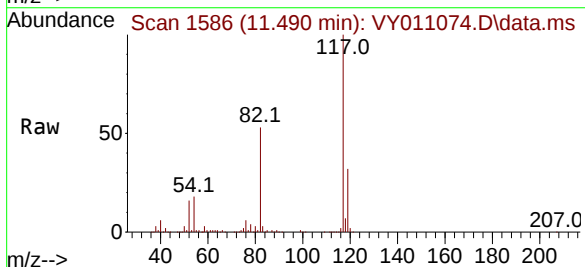
Tgt Ion: 117 Resp: 346149

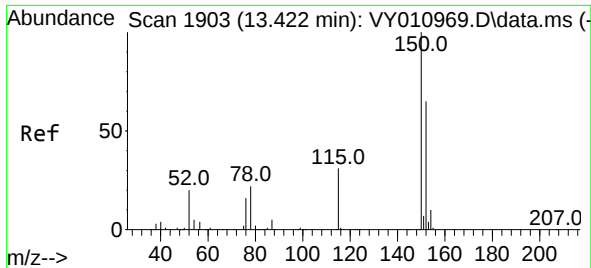
Ion Ratio Lower Upper

117 100

82 53.4 43.0 64.4

119 31.7 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY011074.D

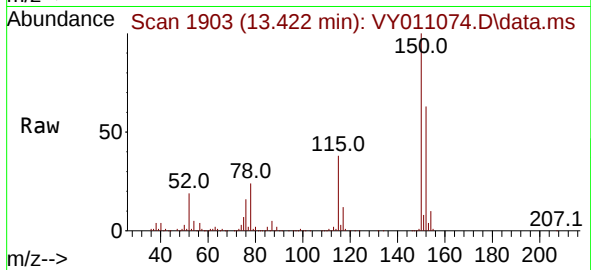
Acq: 24 Oct 2022 17:07

Instrument :

MSVOA_Y

ClientSampleId :

124042



Tgt Ion:152 Resp: 153978

Ion Ratio Lower Upper

152 100

115 59.3 28.2 84.7

150 159.5 0.0 347.6

