

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007953.D
 Acq On : 21 Mar 2022 14:38
 Operator : SY/MD
 Sample : N1983-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124035

Quant Time: Mar 21 16:04:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

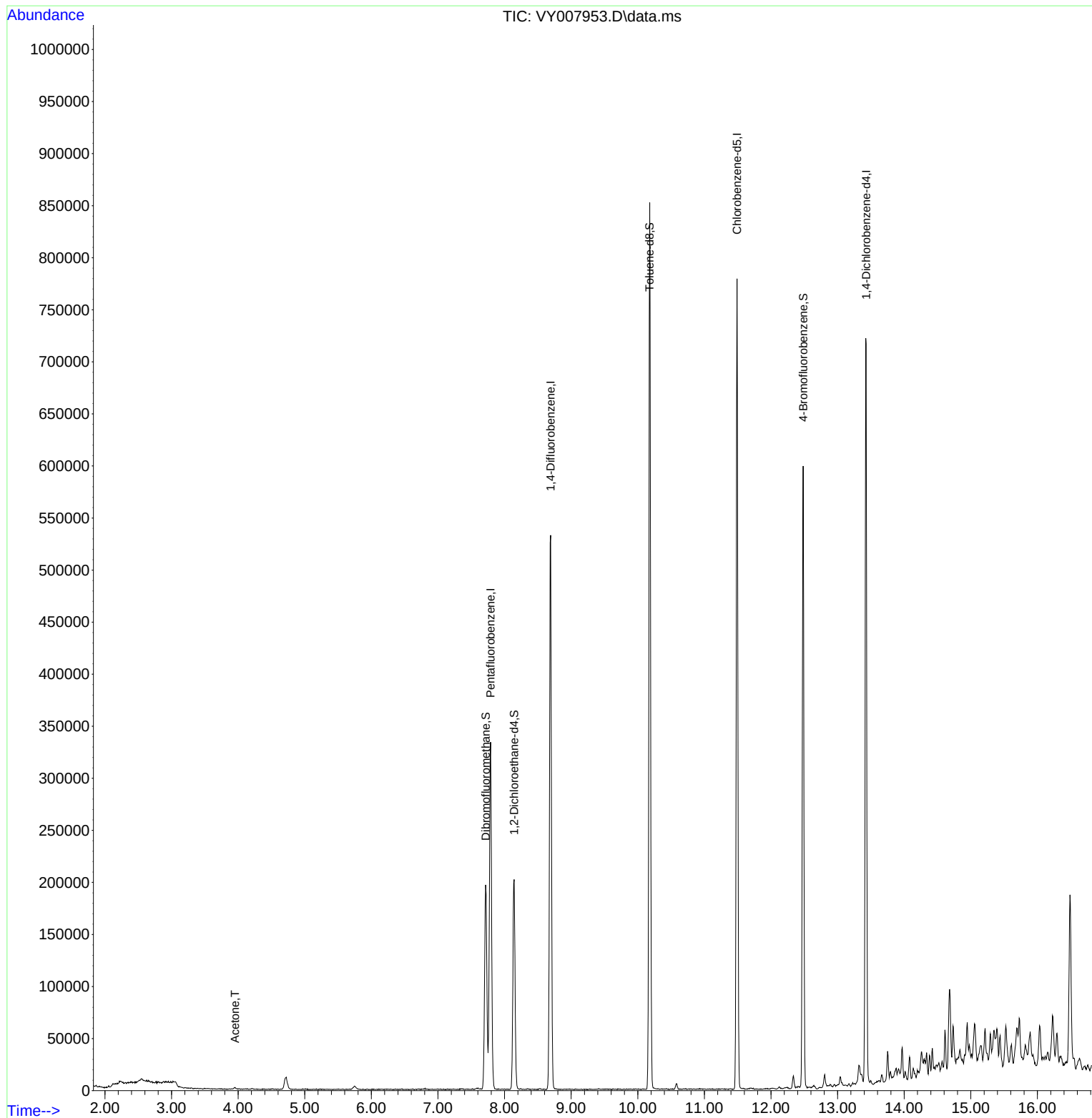
Internal Standards						
1) Pentafluorobenzene	7.789	168	246638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	457241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	411823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	177550	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	153406	54.551	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.100%	
35) Dibromofluoromethane	7.716	113	140283	43.686	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 87.380%	
50) Toluene-d8	10.179	98	557201	58.460	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.920%	
62) 4-Bromofluorobenzene	12.483	95	193347	41.953	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.900%	
Target Compounds						
16) Acetone	3.954	43	3157	4.232	ug/l	90

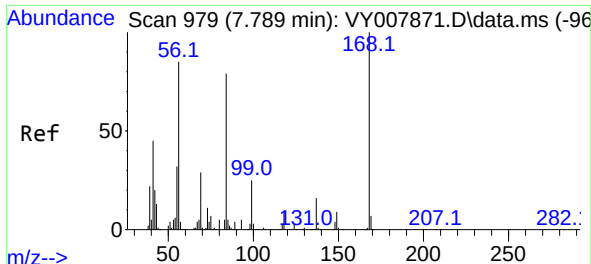
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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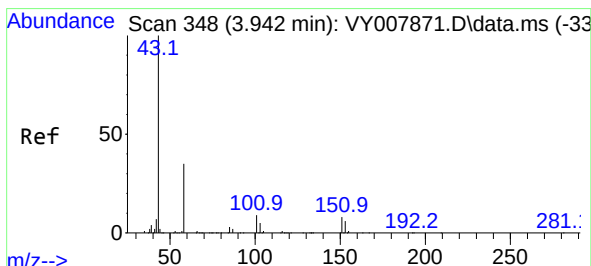
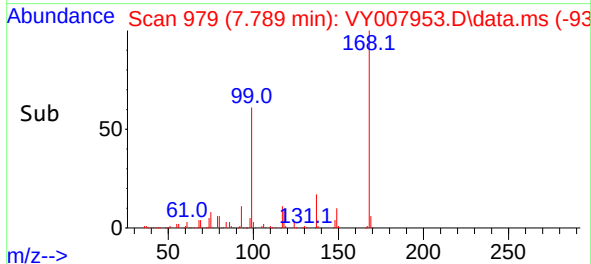
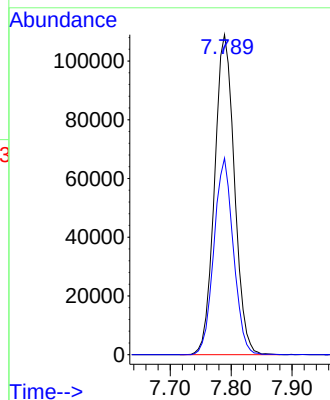
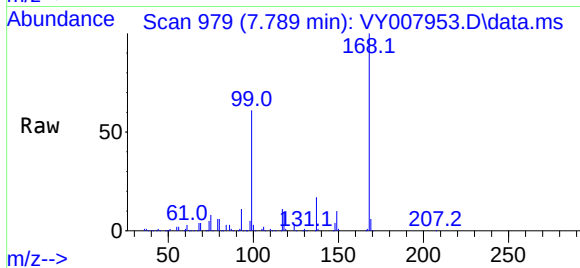




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007953.D
Acq: 21 Mar 2022 14:38

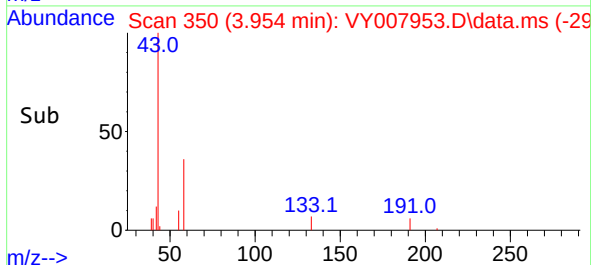
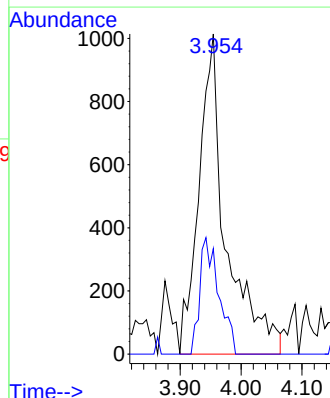
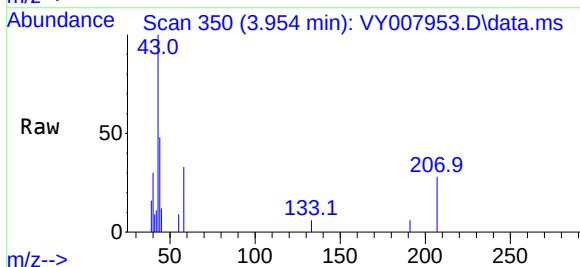
Instrument :
MSVOA_Y
ClientSampleId :
124035

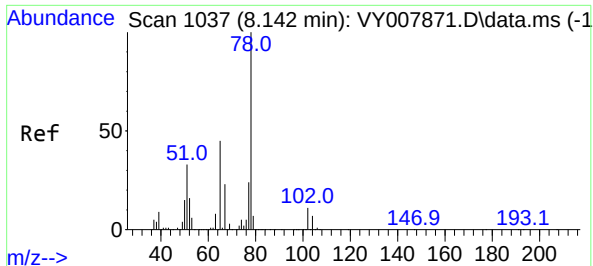
Tgt Ion:168 Resp: 246638
Ion Ratio Lower Upper
168 100
99 61.4 46.9 70.3



#16
Acetone
Concen: 4.232 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY007953.D
Acq: 21 Mar 2022 14:38

Tgt Ion: 43 Resp: 3157
Ion Ratio Lower Upper
43 100
58 32.9 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 54.551 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY007953.D

Acq: 21 Mar 2022 14:38

Instrument :

MSVOA_Y

ClientSampleId :

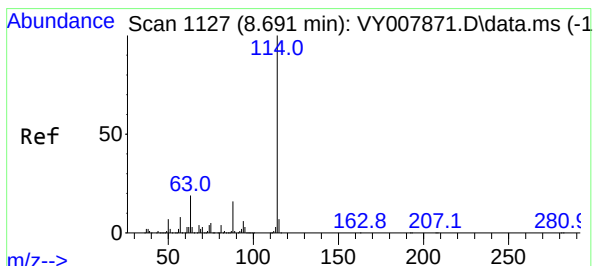
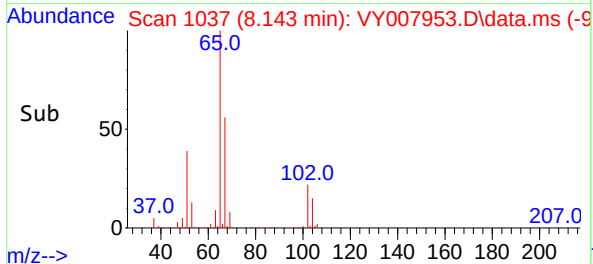
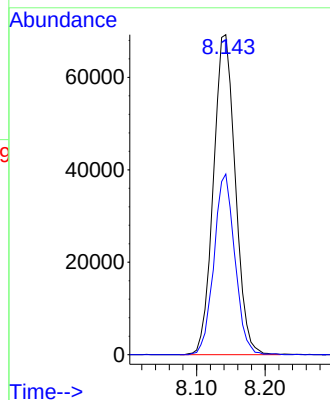
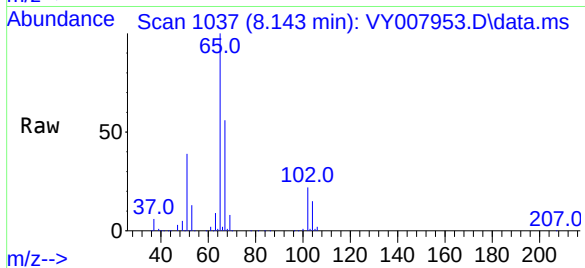
124035

Tgt Ion: 65 Resp: 153406

Ion Ratio Lower Upper

65 100

67 53.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007953.D

Acq: 21 Mar 2022 14:38

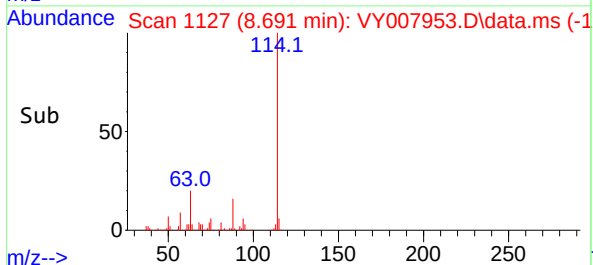
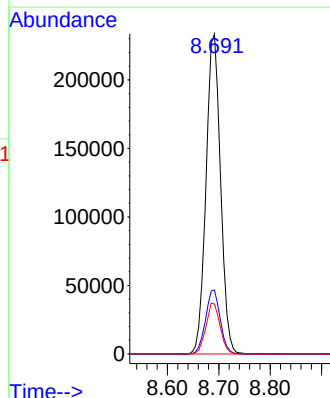
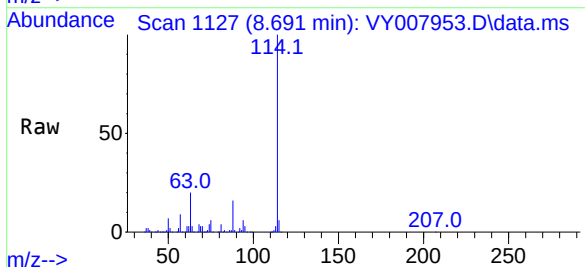
Tgt Ion: 114 Resp: 457241

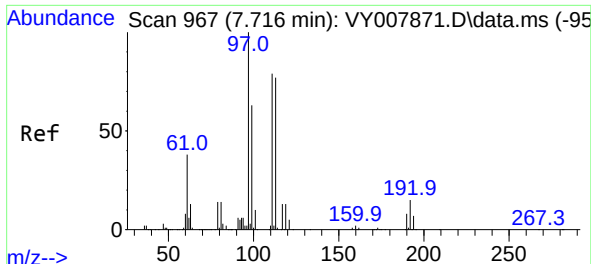
Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 15.6 0.0 31.8

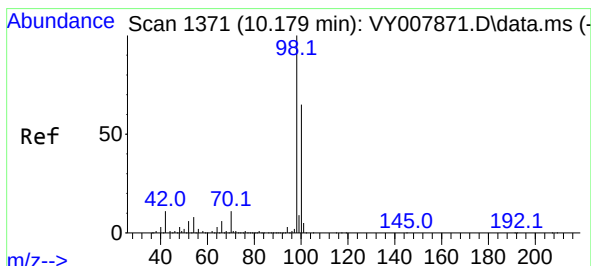
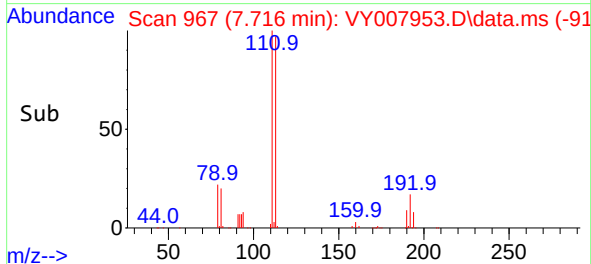
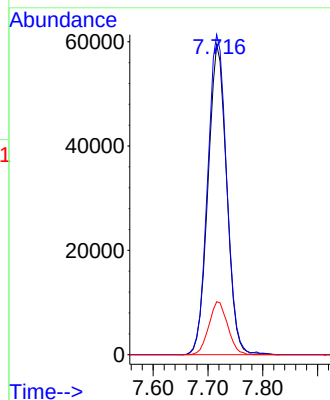
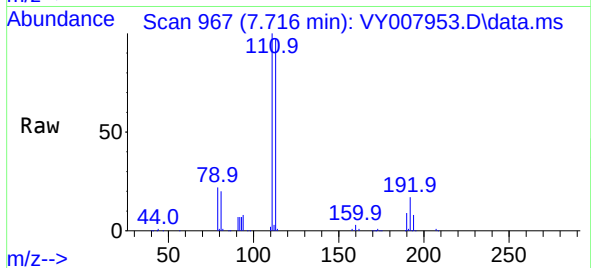




#35
Dibromofluoromethane
Concen: 43.686 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY007953.D
Acq: 21 Mar 2022 14:38

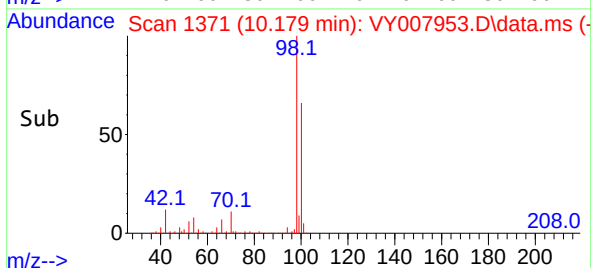
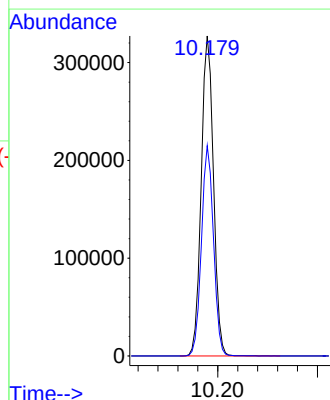
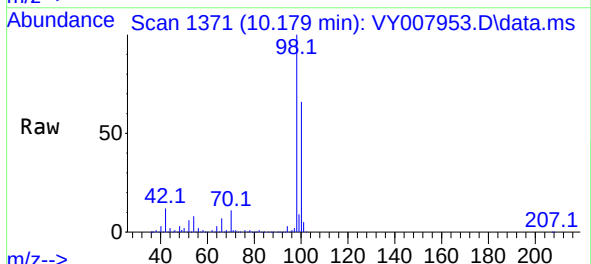
Instrument :
MSVOA_Y
ClientSampleId :
124035

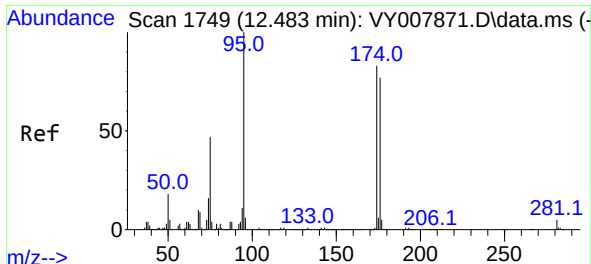
Tgt Ion:113 Resp: 140283
Ion Ratio Lower Upper
113 100
111 105.2 82.6 124.0
192 17.2 17.6 26.4#



#50
Toluene-d8
Concen: 58.460 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007953.D
Acq: 21 Mar 2022 14:38

Tgt Ion: 98 Resp: 557201
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

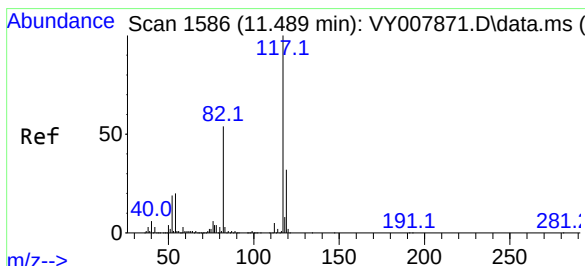
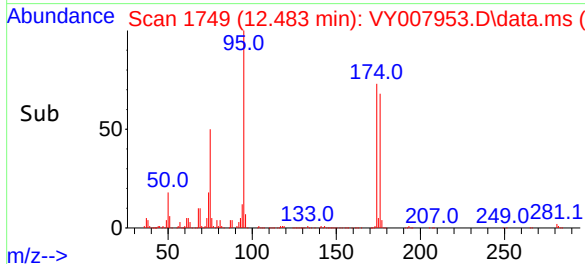
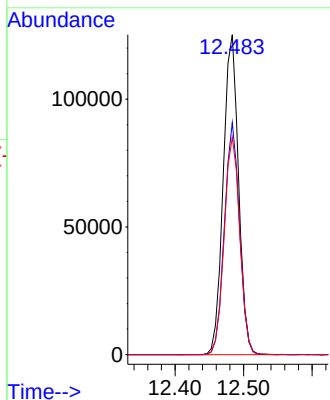
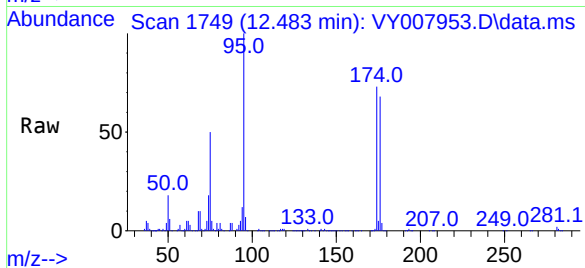




#62
4-Bromofluorobenzene
Concen: 41.953 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007953.D
Acq: 21 Mar 2022 14:38

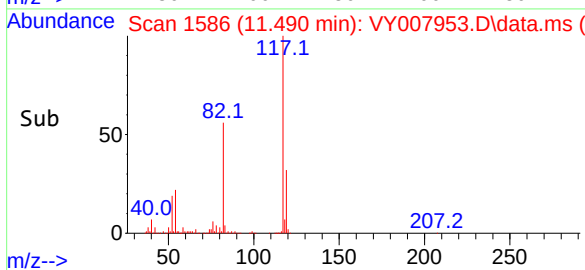
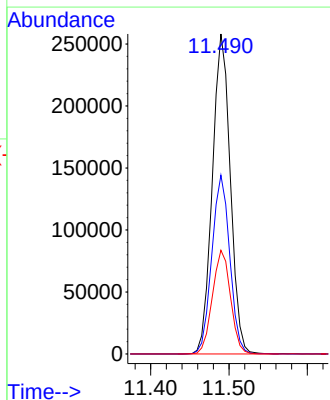
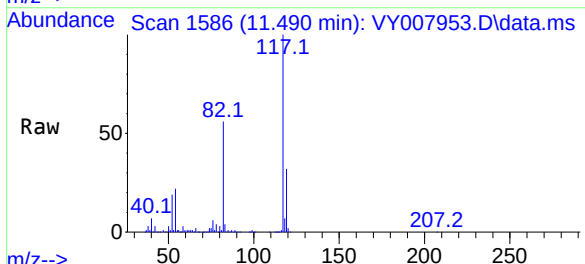
Instrument :
MSVOA_Y
ClientSampleId :
124035

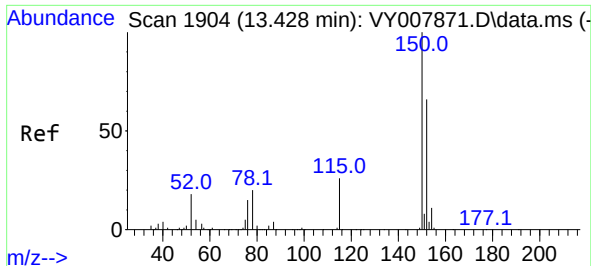
Tgt Ion: 95 Resp: 193347
Ion Ratio Lower Upper
95 100
174 71.8 0.0 177.0
176 69.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007953.D
Acq: 21 Mar 2022 14:38

Tgt Ion: 117 Resp: 411823
Ion Ratio Lower Upper
117 100
82 55.8 43.0 64.4
119 32.4 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY007953.D

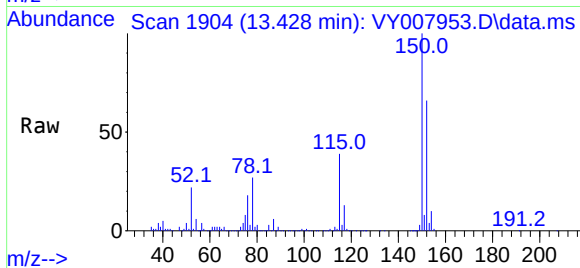
Acq: 21 Mar 2022 14:38

Instrument :

MSVOA_Y

ClientSampleId :

124035



Tgt Ion:152 Resp: 177550

Ion Ratio Lower Upper

152 100

115 62.6 28.2 84.7

150 157.3 0.0 347.6

