

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
 Data File : VY010830.D
 Acq On : 05 Oct 2022 19:02
 Operator : KP/MD
 Sample : N5004-10
 Misc : 6.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22008-18

Quant Time: Oct 06 09:24:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

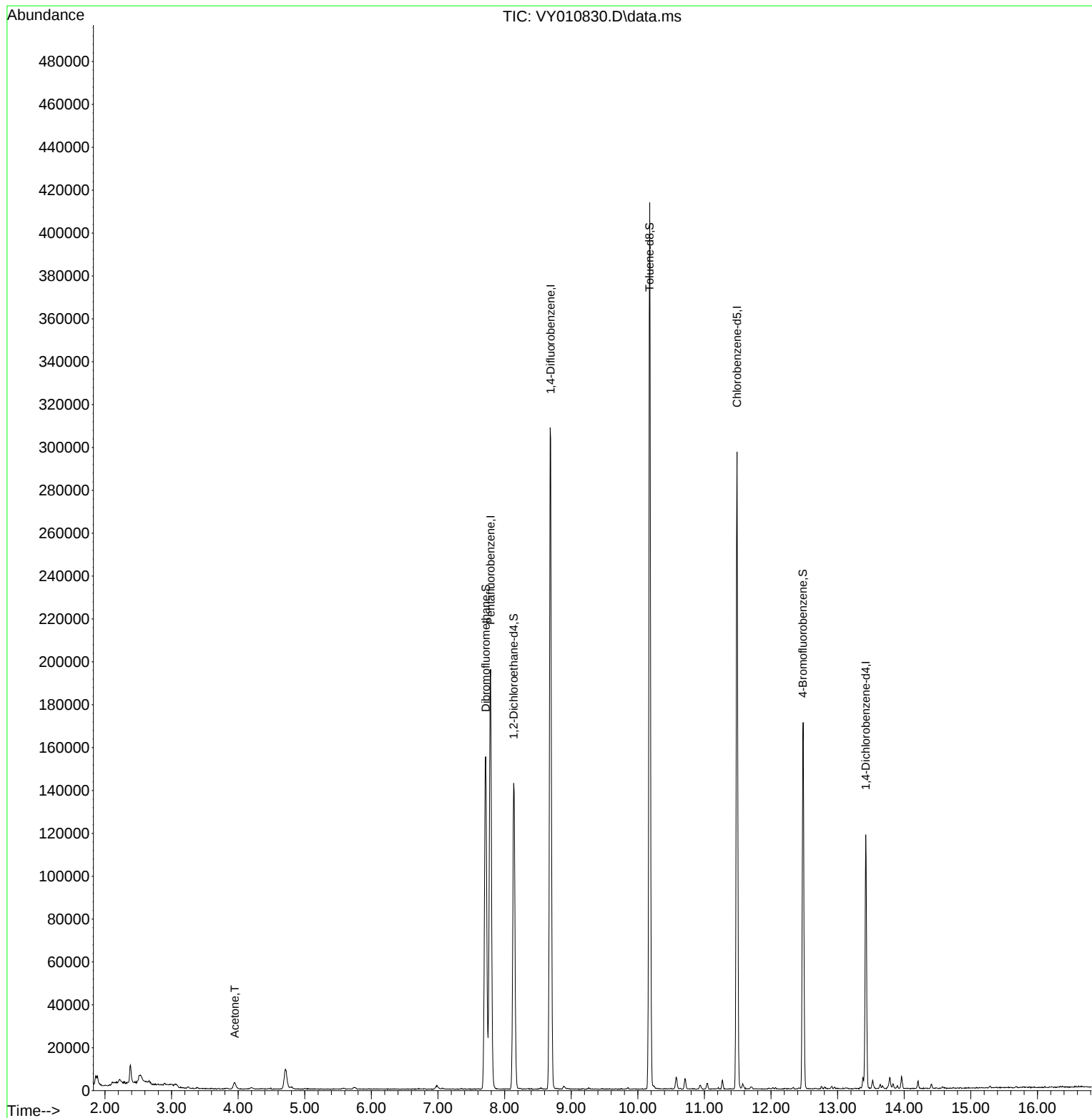
Internal Standards						
1) Pentafluorobenzene	7.789	168	152236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	263495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	159785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	30426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	112504	72.908	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 145.820%	
35) Dibromofluoromethane	7.716	113	113496	64.888	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.780%	
50) Toluene-d8	10.179	98	265279	44.348	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.700%	
62) 4-Bromofluorobenzene	12.477	95	49583	18.931	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 37.860%	
Target Compounds						
16) Acetone	3.948	43	5495	14.021	ug/l	Qvalue 94

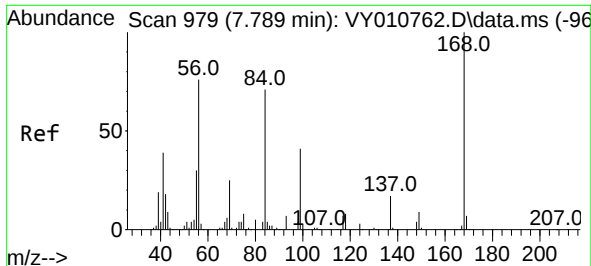
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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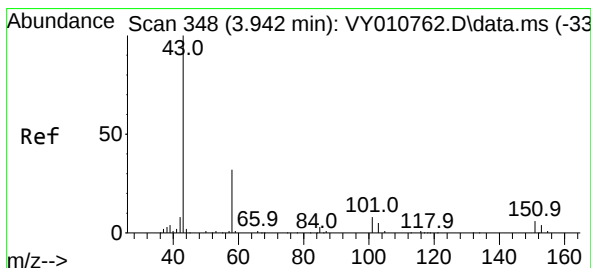
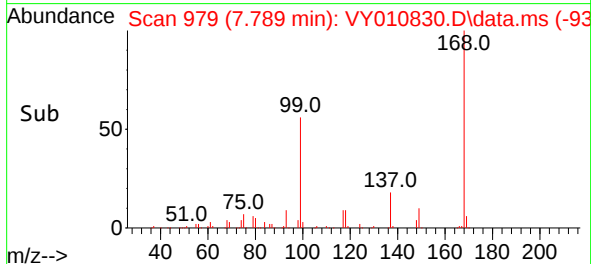
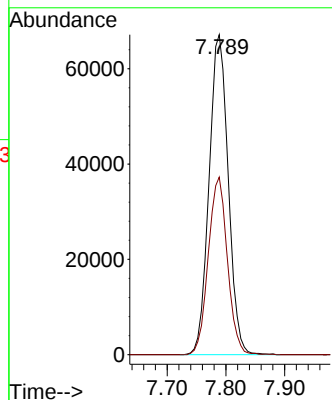
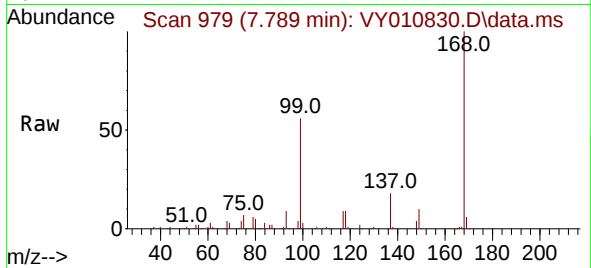




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010830.D
Acq: 05 Oct 2022 19:02

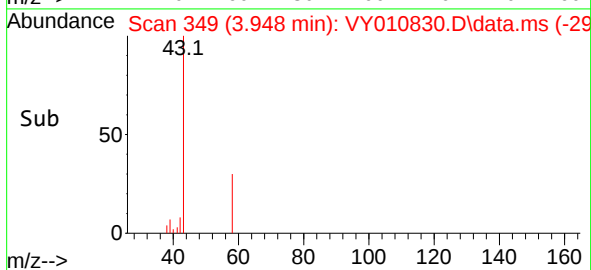
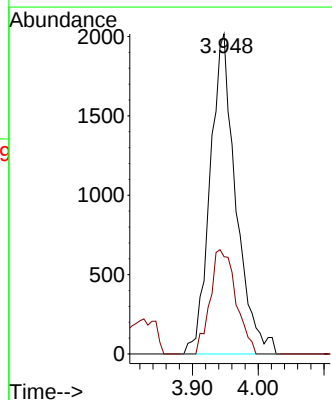
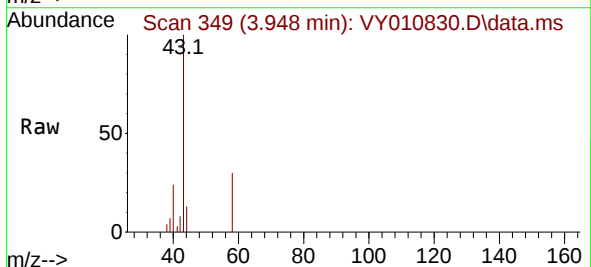
Instrument :
MSVOA_Y
ClientSampleId :
D22008-18

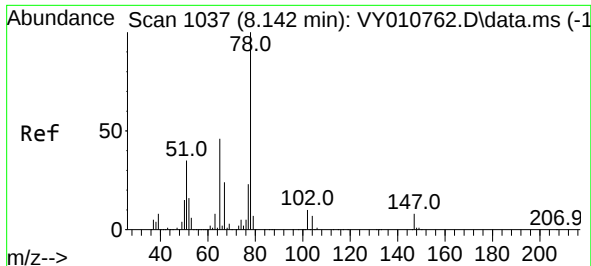
Tgt Ion:168 Resp: 152236
Ion Ratio Lower Upper
168 100
99 55.5 46.9 70.3



#16
Acetone
Concen: 14.021 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010830.D
Acq: 05 Oct 2022 19:02

Tgt Ion: 43 Resp: 5495
Ion Ratio Lower Upper
43 100
58 30.4 22.0 33.0



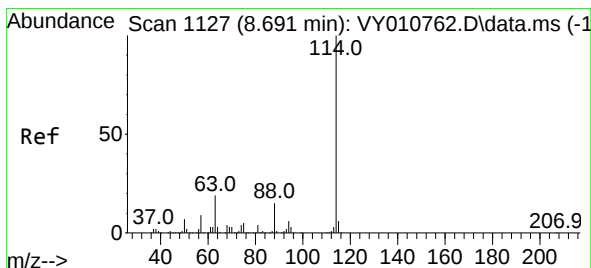
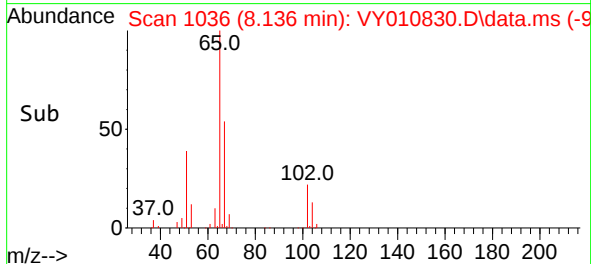
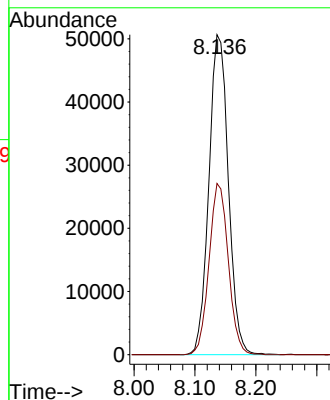
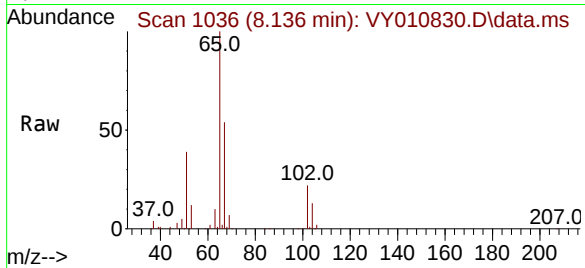


#33
 1,2-Dichloroethane-d4
 Concen: 72.908 ug/l
 RT: 8.136 min Scan# 110
 Delta R.T. -0.006 min
 Lab File: VY010830.D
 Acq: 05 Oct 2022 19:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 D22008-18

Tgt Ion: 65 Resp: 112504

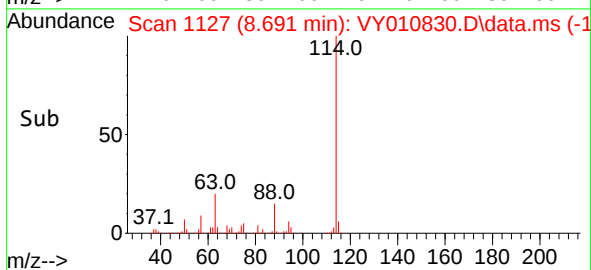
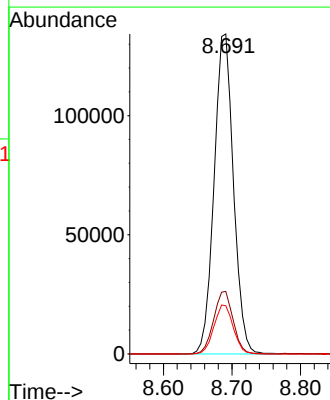
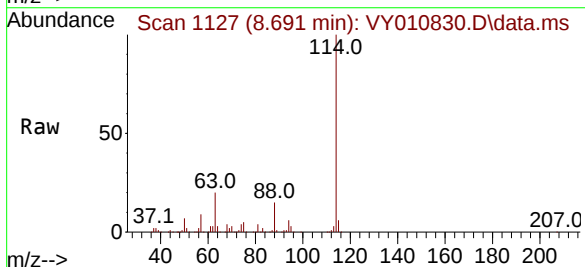
Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	99.4

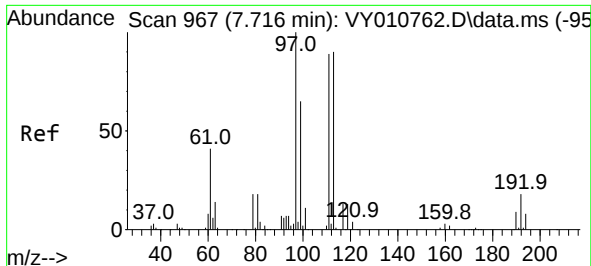


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY010830.D
 Acq: 05 Oct 2022 19:02

Tgt Ion: 114 Resp: 263495

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	43.2
88	15.0	0.0	31.8

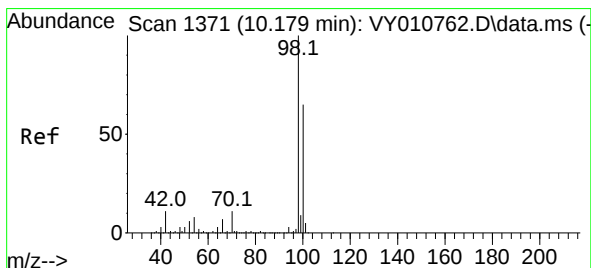
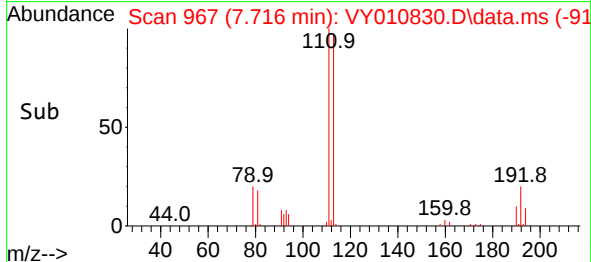
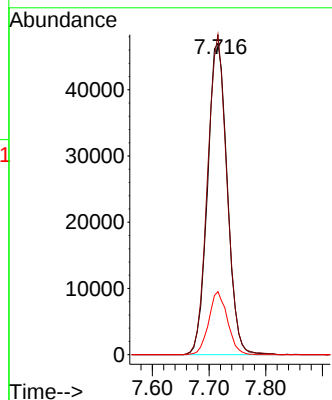
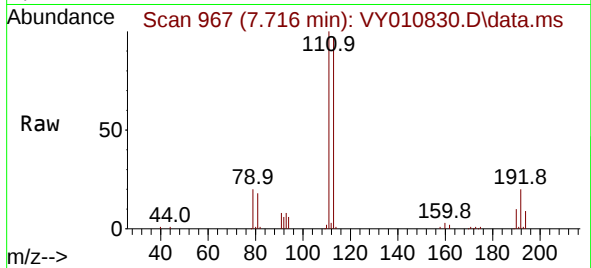




#35
Dibromofluoromethane
Concen: 64.888 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010830.D
Acq: 05 Oct 2022 19:02

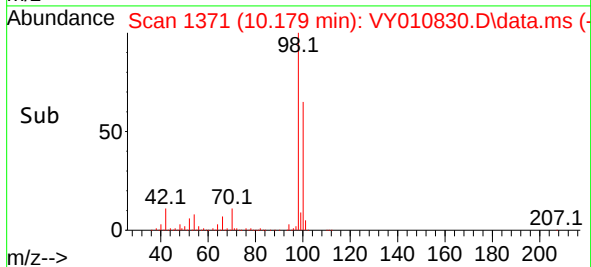
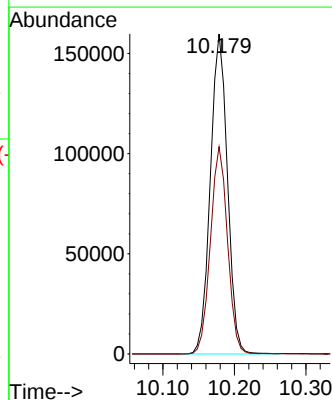
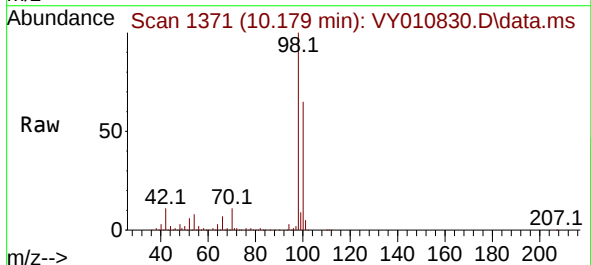
Instrument :
MSVOA_Y
ClientSampleId :
D22008-18

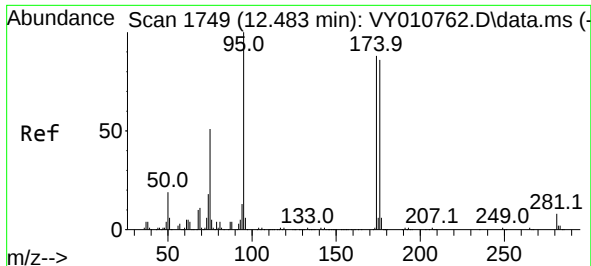
Tgt Ion:113 Resp: 113496
Ion Ratio Lower Upper
113 100
111 100.8 82.6 124.0
192 19.2 17.6 26.4



#50
Toluene-d8
Concen: 44.348 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010830.D
Acq: 05 Oct 2022 19:02

Tgt Ion: 98 Resp: 265279
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 18.931 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY010830.D

Acq: 05 Oct 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

D22008-18

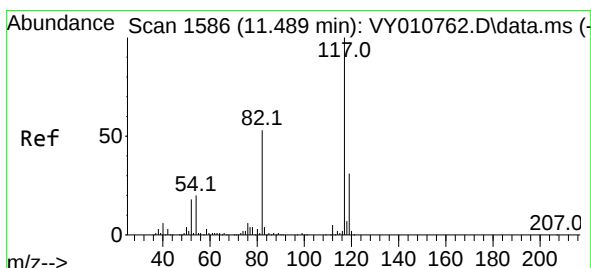
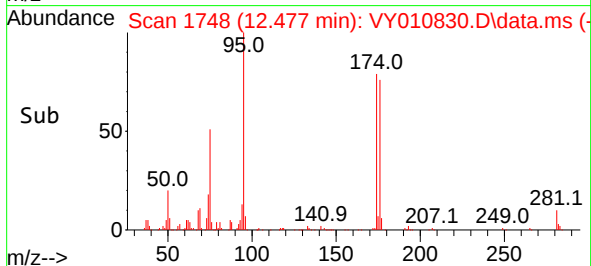
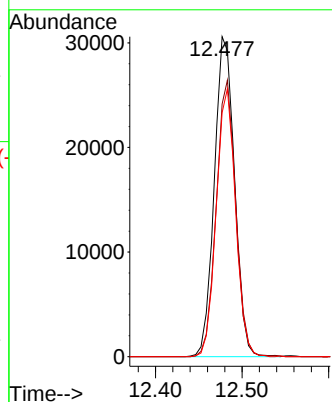
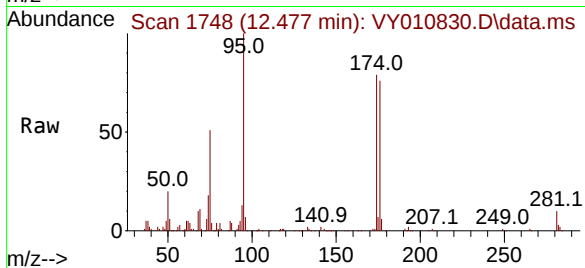
Tgt Ion: 95 Resp: 49583

Ion Ratio Lower Upper

95 100

174 83.6 0.0 177.0

176 80.0 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY010830.D

Acq: 05 Oct 2022 19:02

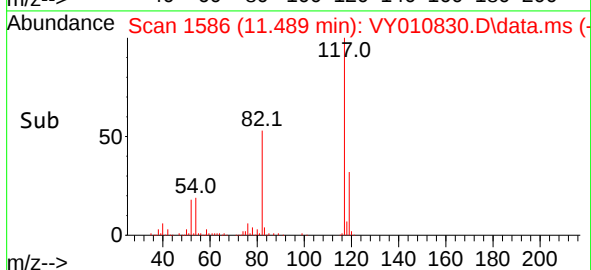
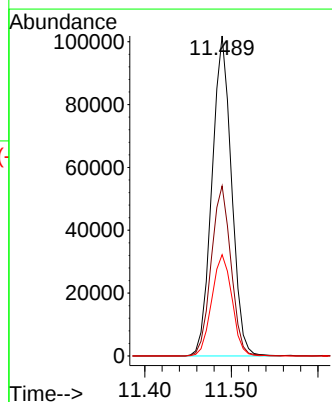
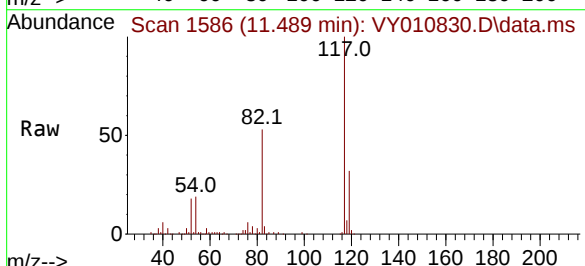
Tgt Ion: 117 Resp: 159785

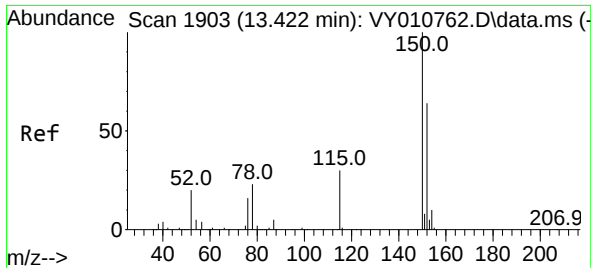
Ion Ratio Lower Upper

117 100

82 53.2 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: VY010830.D

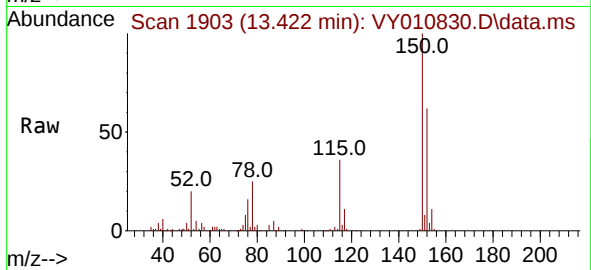
Acq: 05 Oct 2022 19:02

Instrument :

MSVOA_Y

ClientSampleId :

D22008-18



Tgt Ion:152 Resp: 30426

Ion Ratio Lower Upper

152 100

115 57.8 28.2 84.7

150 159.4 0.0 347.6

