

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092822\
 Data File : VY010720.D
 Acq On : 28 Sep 2022 16:36
 Operator : KP/MD
 Sample : N4789-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB20515RE

Quant Time: Sep 29 01:14:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

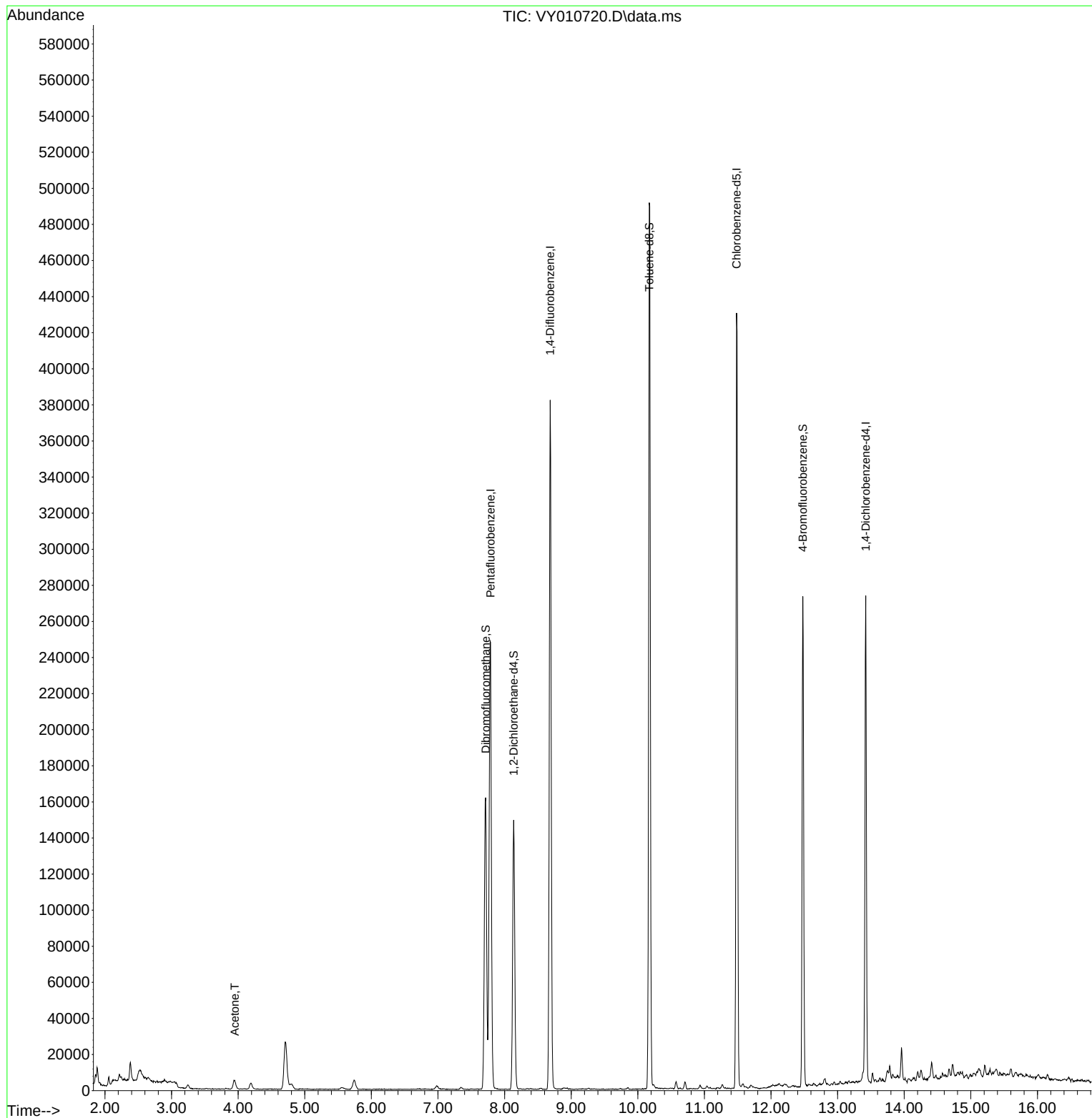
Internal Standards						
1) Pentafluorobenzene	7.789	168	195489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	329618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	238291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	67333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	114695	61.341	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.680%
35) Dibromofluoromethane	7.716	113	115882	55.087	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.180%
50) Toluene-d8	10.173	98	328128	42.692	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.380%
62) 4-Bromofluorobenzene	12.477	95	78238	25.809	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	51.620%
Target Compounds						
16) Acetone	3.948	43	9003	23.611	ug/l	Qvalue 94

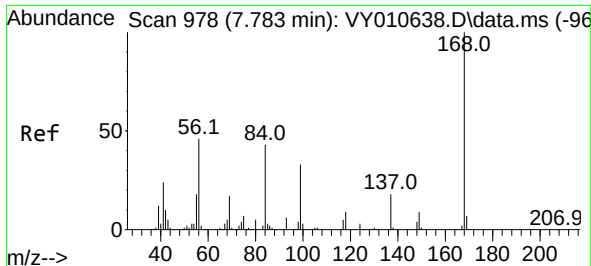
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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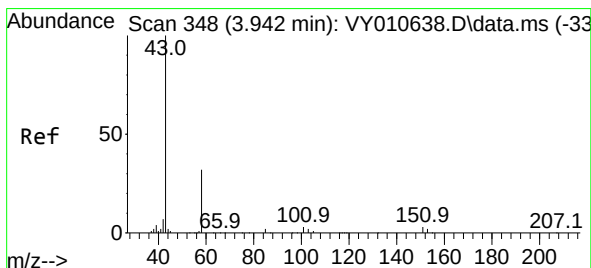
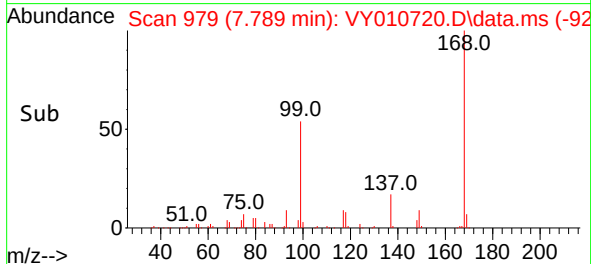
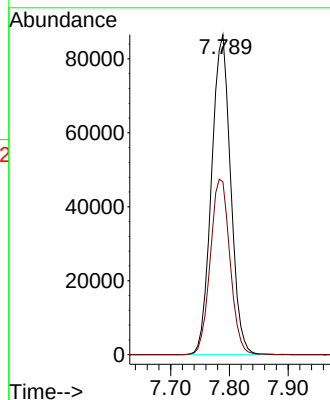
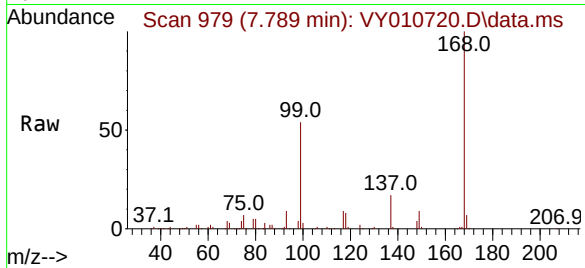




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010720.D
Acq: 28 Sep 2022 16:36

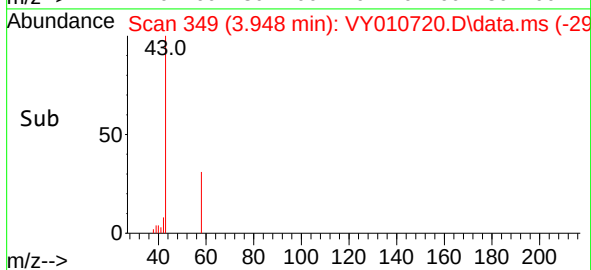
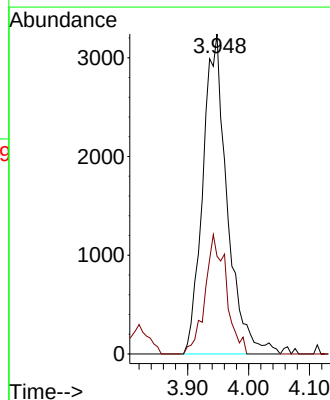
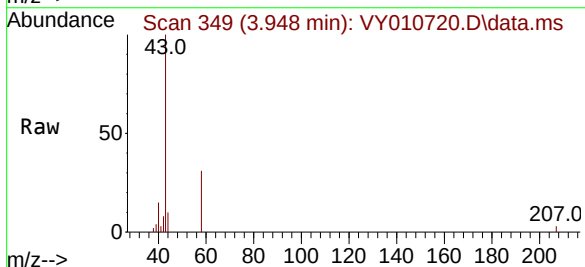
Instrument :
MSVOA_Y
ClientSampleId :
RB20515RE

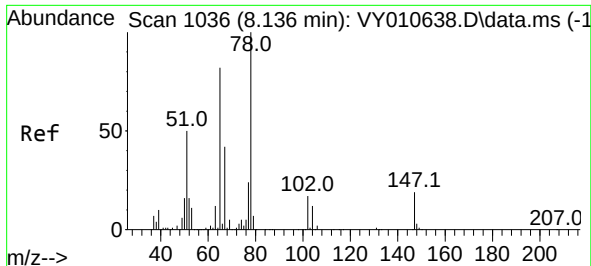
Tgt Ion:168 Resp: 195489
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#16
Acetone
Concen: 23.611 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY010720.D
Acq: 28 Sep 2022 16:36

Tgt Ion: 43 Resp: 9003
Ion Ratio Lower Upper
43 100
58 30.6 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 61.341 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010720.D

Acq: 28 Sep 2022 16:36

Instrument :

MSVOA_Y

ClientSampleId :

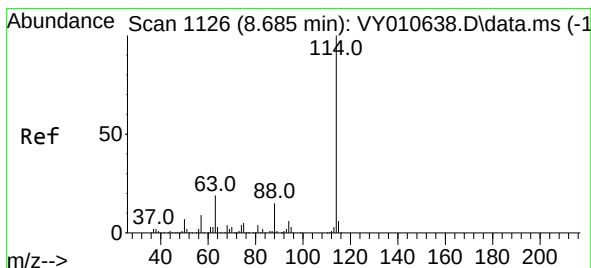
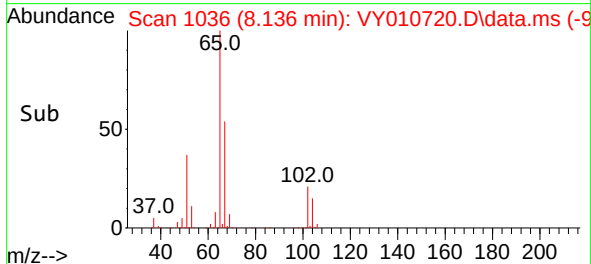
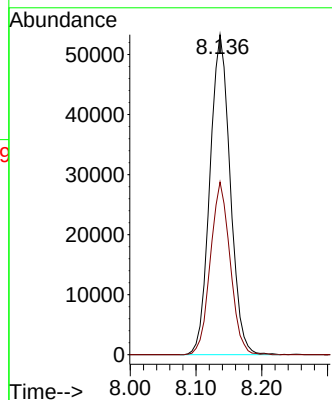
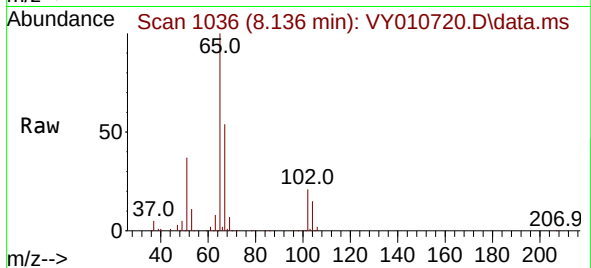
RB20515RE

Tgt Ion: 65 Resp: 114695

Ion Ratio Lower Upper

65 100

67 52.5 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: VY010720.D

Acq: 28 Sep 2022 16:36

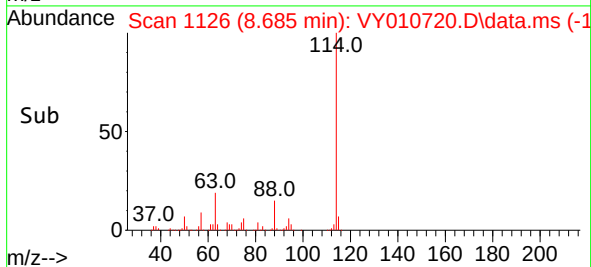
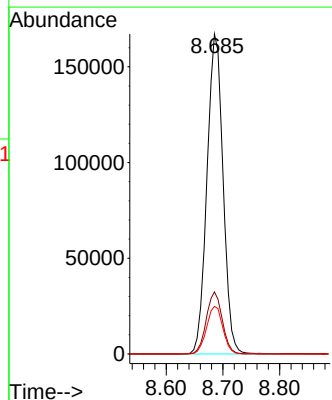
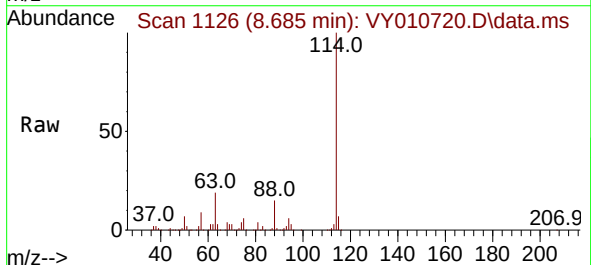
Tgt Ion: 114 Resp: 329618

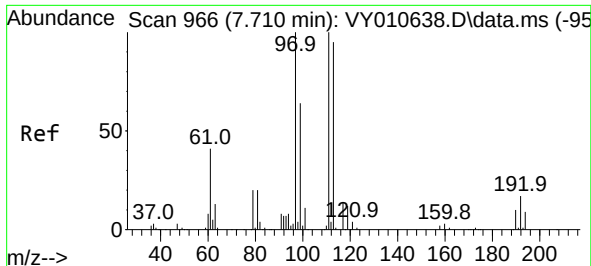
Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 14.9 0.0 31.8

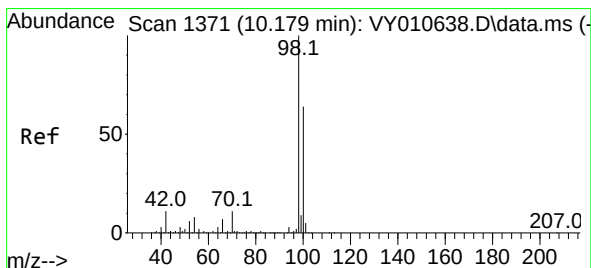
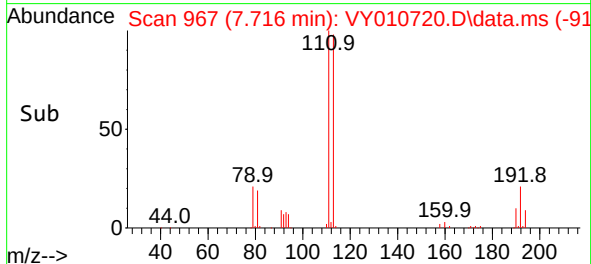
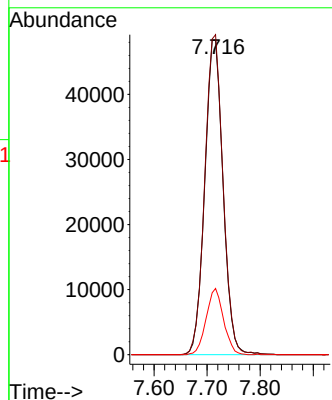
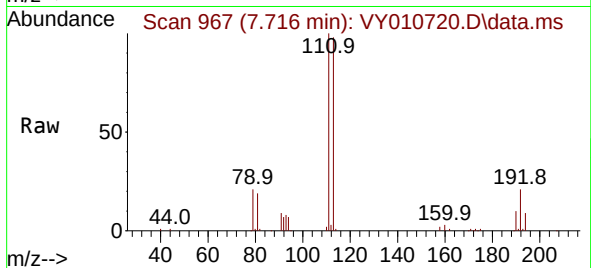




#35
Dibromofluoromethane
Concen: 55.087 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010720.D
Acq: 28 Sep 2022 16:36

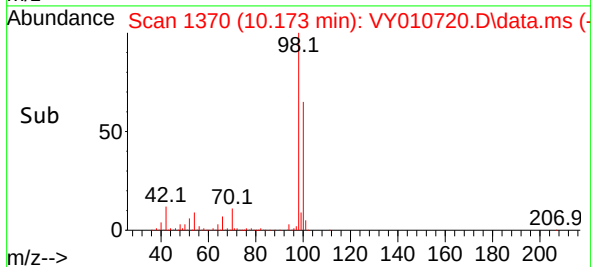
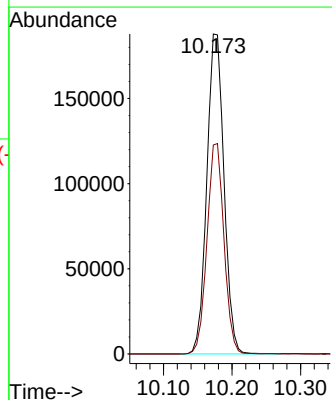
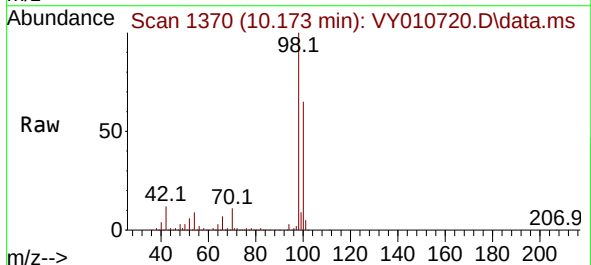
Instrument :
MSVOA_Y
ClientSampleId :
RB20515RE

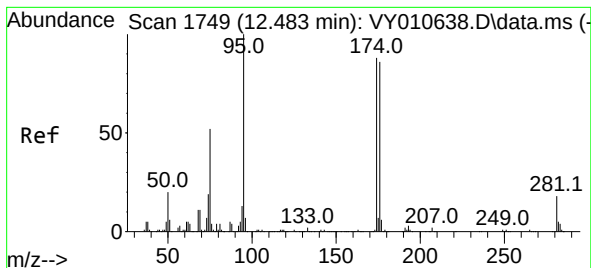
Tgt Ion:113 Resp: 115882
Ion Ratio Lower Upper
113 100
111 101.5 82.6 124.0
192 20.0 17.6 26.4



#50
Toluene-d8
Concen: 42.692 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY010720.D
Acq: 28 Sep 2022 16:36

Tgt Ion: 98 Resp: 328128
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

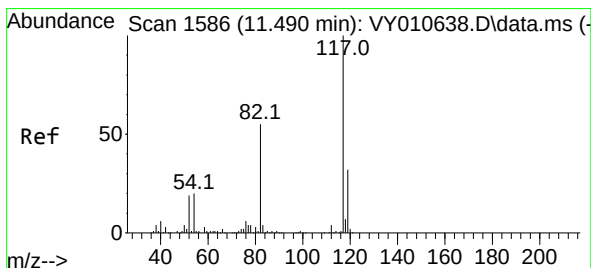
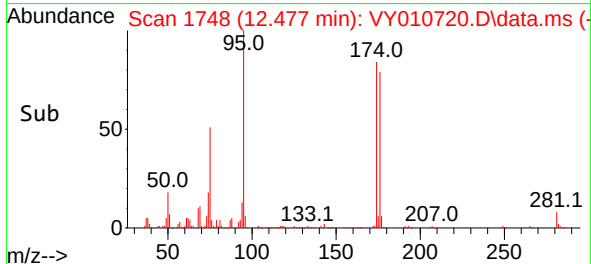
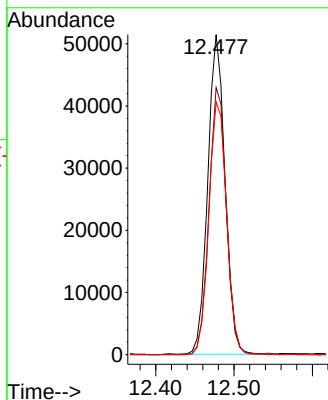
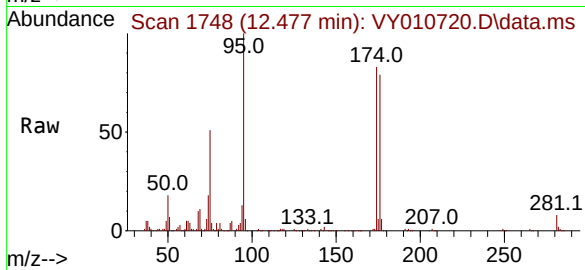




#62
4-Bromofluorobenzene
Concen: 25.809 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010720.D
Acq: 28 Sep 2022 16:36

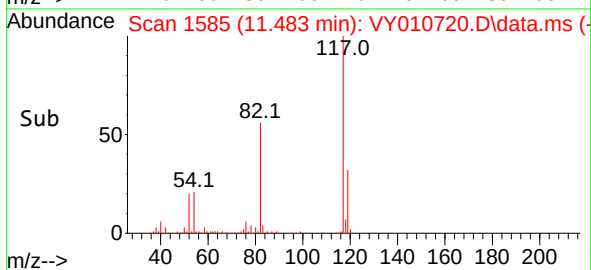
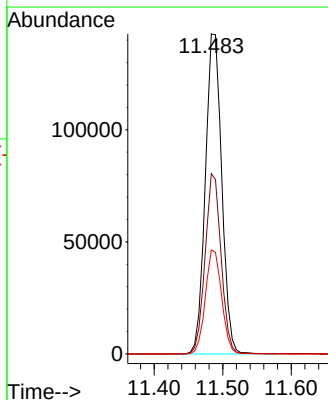
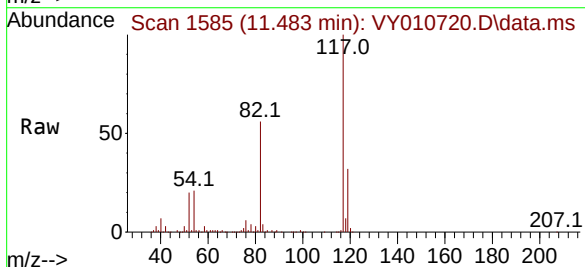
Instrument :
MSVOA_Y
ClientSampleId :
RB20515RE

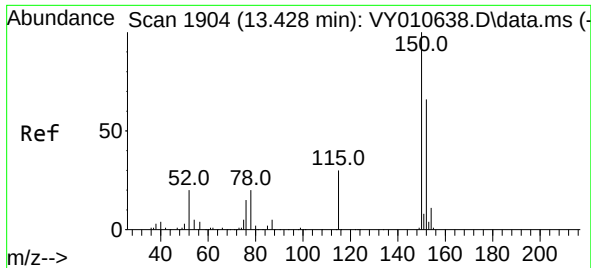
Tgt Ion: 95 Resp: 78238
Ion Ratio Lower Upper
95 100
174 85.0 0.0 177.0
176 81.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.007 min
Lab File: VY010720.D
Acq: 28 Sep 2022 16:36

Tgt Ion: 117 Resp: 238291
Ion Ratio Lower Upper
117 100
82 56.3 43.0 64.4
119 32.5 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: VY010720.D

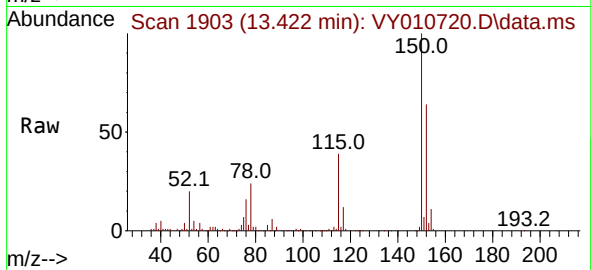
Acq: 28 Sep 2022 16:36

Instrument :

MSVOA_Y

ClientSampleId :

RB20515RE



Tgt Ion:152 Resp: 67333

Ion Ratio Lower Upper

152 100

115 59.0 28.2 84.7

150 156.5 0.0 347.6

