

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010072.D
 Acq On : 17 Aug 2022 16:38
 Operator : KP/MD
 Sample : N4225-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-70-1

Quant Time: Aug 18 08:21:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

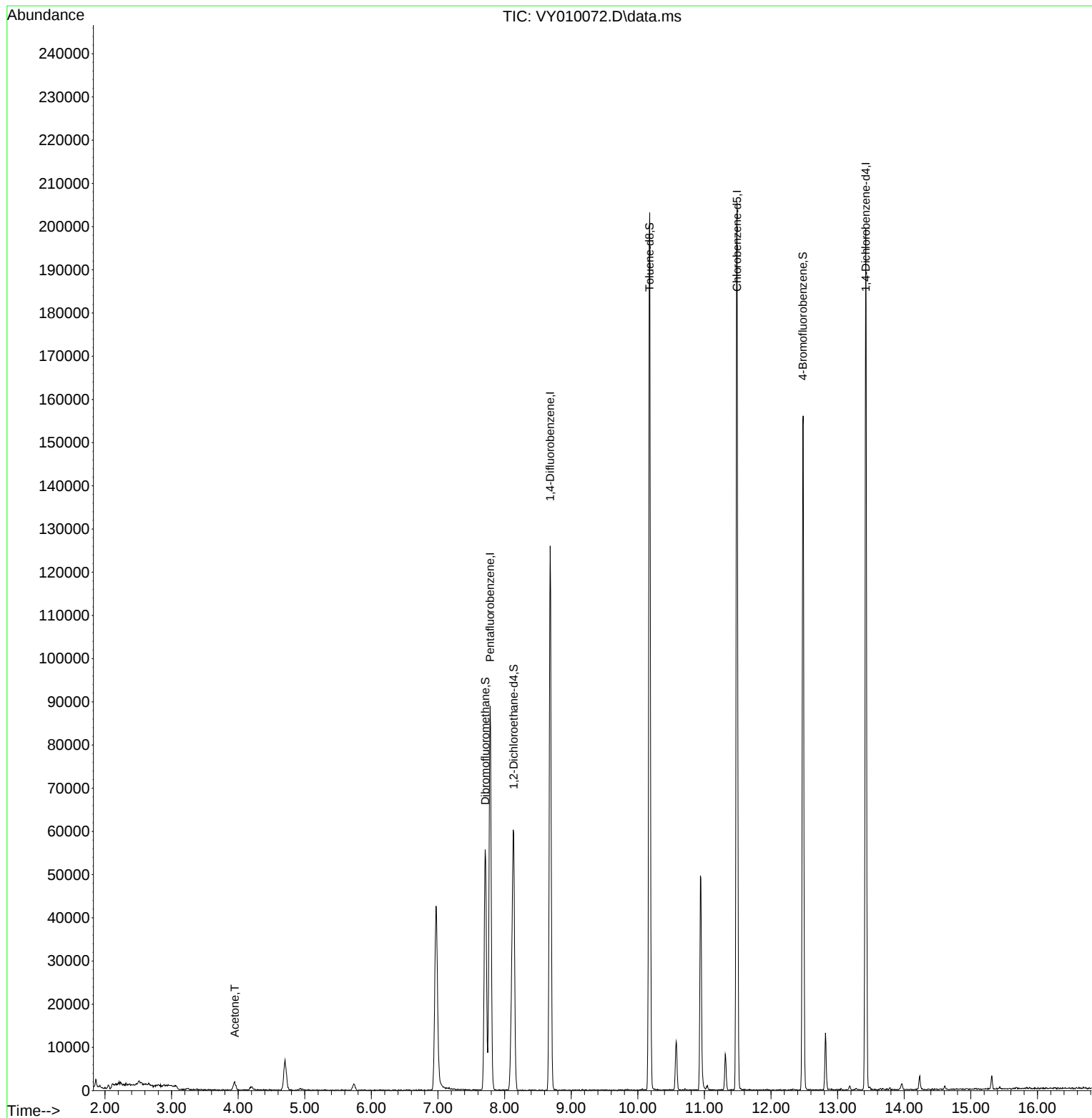
Internal Standards						
1) Pentafluorobenzene	7.782	168	71619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	112404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	117867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	53740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	40019	55.885	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.780%
35) Dibromofluoromethane	7.709	113	38712	53.107	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.220%
50) Toluene-d8	10.178	98	135936	50.405	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.800%
62) 4-Bromofluorobenzene	12.477	95	43726	46.161	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.320%
Target Compounds						
						Qvalue
16) Acetone	3.948	43	3436	22.402	ug/l	93

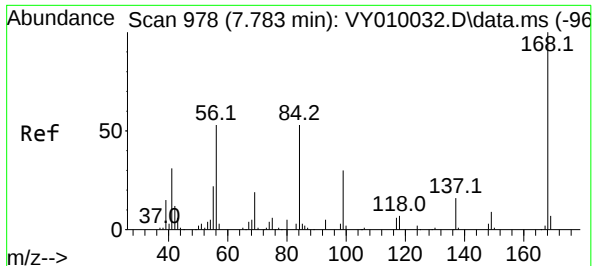
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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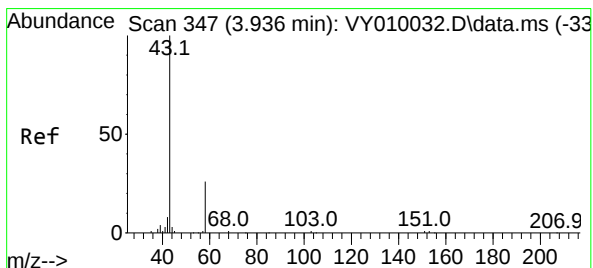
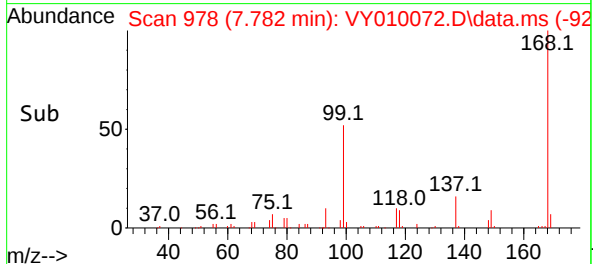
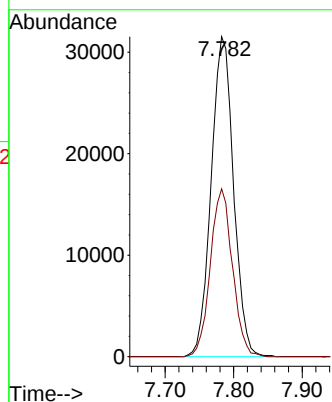
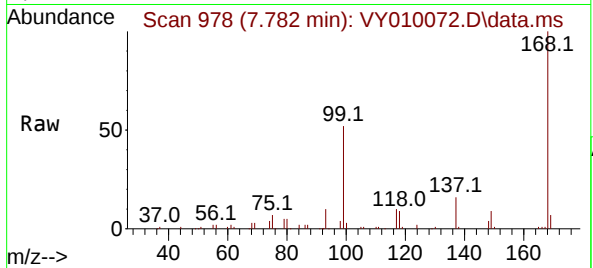




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010072.D
Acq: 17 Aug 2022 16:38

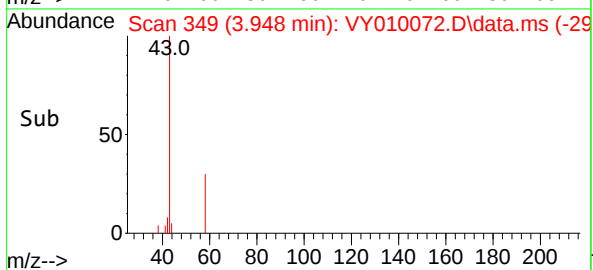
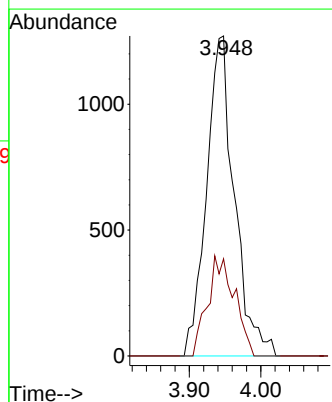
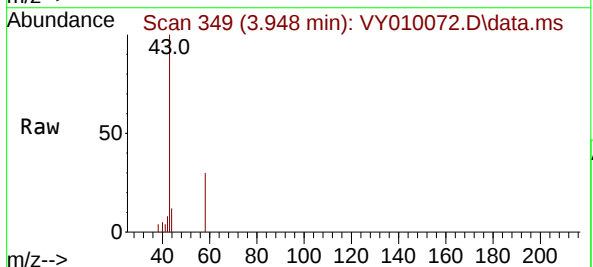
Instrument :
MSVOA_Y
ClientSampleId :
R-70-1

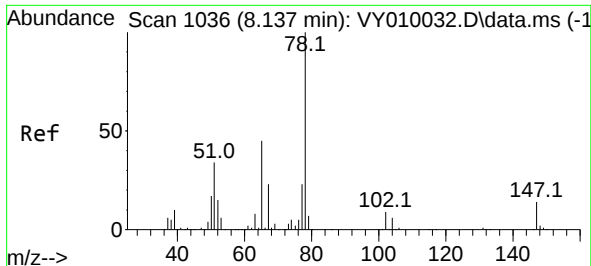
Tgt Ion:168 Resp: 71619
Ion Ratio Lower Upper
168 100
99 52.4 37.7 56.5



#16
Acetone
Concen: 22.402 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY010072.D
Acq: 17 Aug 2022 16:38

Tgt Ion: 43 Resp: 3436
Ion Ratio Lower Upper
43 100
58 30.4 21.4 32.0





#33

1,2-Dichloroethane-d4

Concen: 55.885 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010072.D

Acq: 17 Aug 2022 16:38

Instrument :

MSVOA_Y

ClientSampleId :

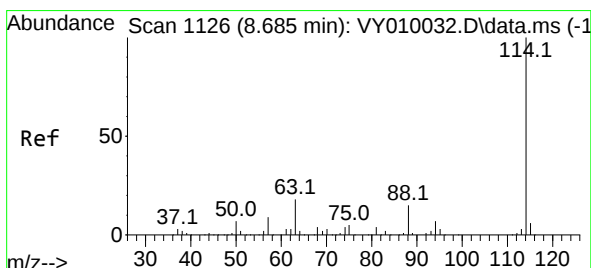
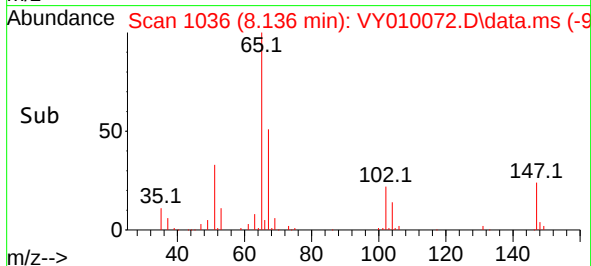
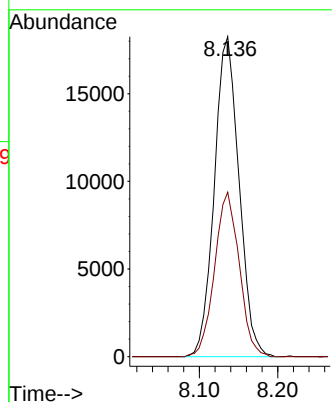
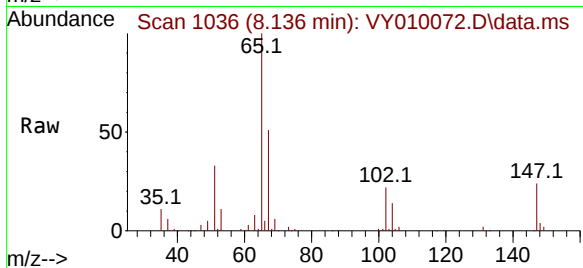
R-70-1

Tgt Ion: 65 Resp: 40019

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010072.D

Acq: 17 Aug 2022 16:38

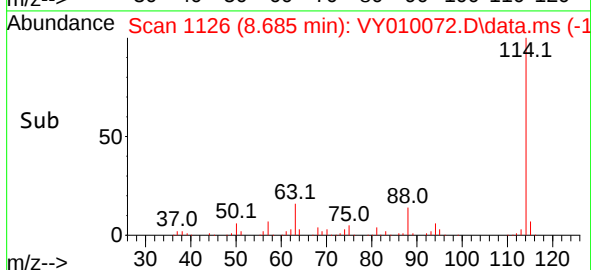
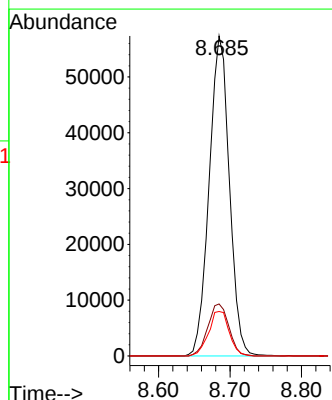
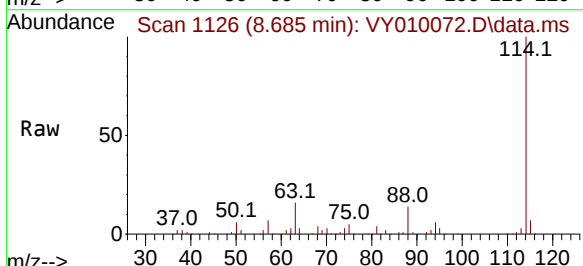
Tgt Ion: 114 Resp: 112404

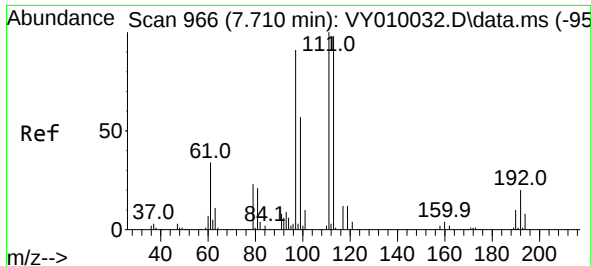
Ion Ratio Lower Upper

114 100

63 16.3 0.0 35.2

88 13.9 0.0 30.2

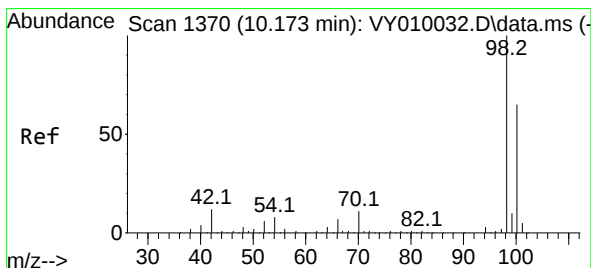
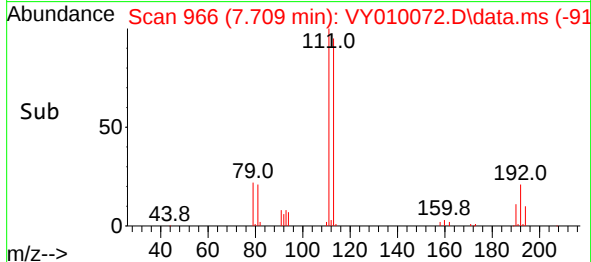
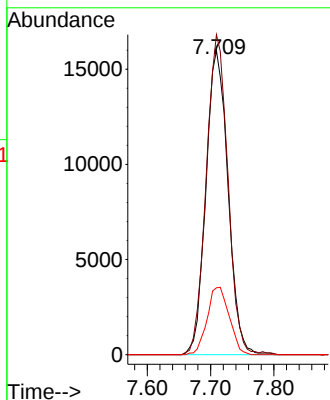
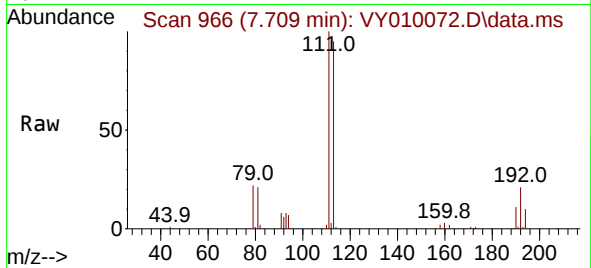




#35
 Dibromofluoromethane
 Concen: 53.107 ug/l
 RT: 7.709 min Scan# 91
 Delta R.T. -0.001 min
 Lab File: VY010072.D
 Acq: 17 Aug 2022 16:38

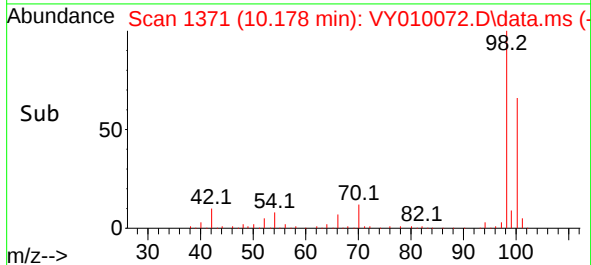
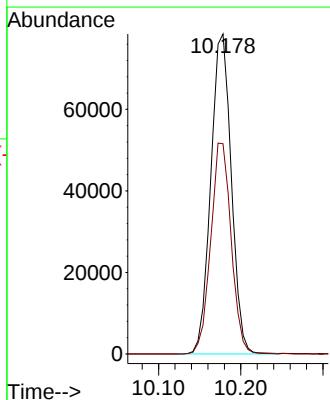
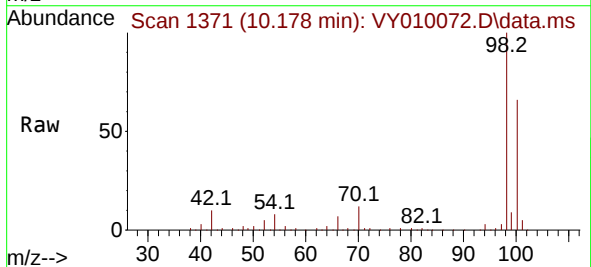
Instrument :
 MSVOA_Y
 ClientSampleId :
 R-70-1

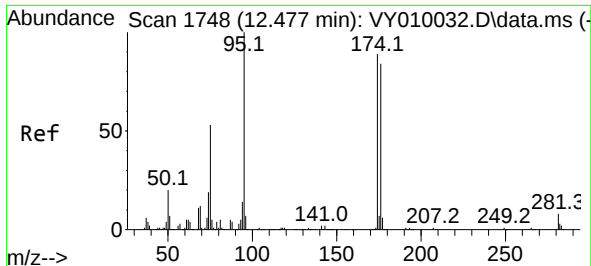
Tgt Ion:113	Resp:	38712	
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.7	124.1
192	22.2	17.2	25.8



#50
 Toluene-d8
 Concen: 50.405 ug/l
 RT: 10.178 min Scan# 1371
 Delta R.T. 0.005 min
 Lab File: VY010072.D
 Acq: 17 Aug 2022 16:38

Tgt Ion: 98	Resp: 135936
Ion Ratio	Lower Upper
98 100	
100 65.7	52.1 78.1

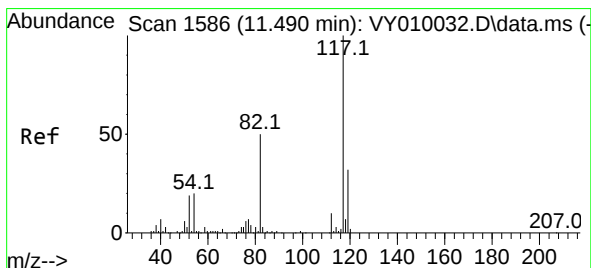
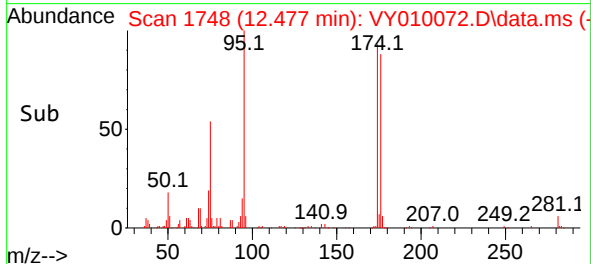
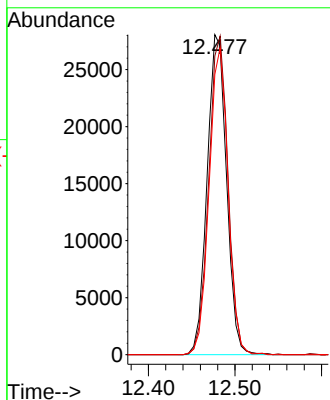
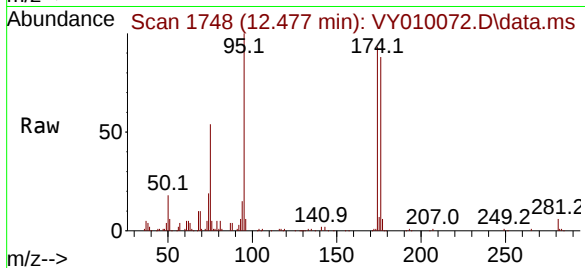




#62
4-Bromofluorobenzene
Concen: 46.161 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010072.D
Acq: 17 Aug 2022 16:38

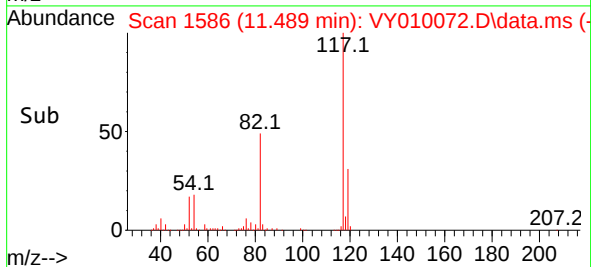
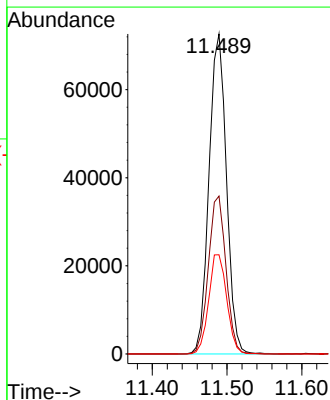
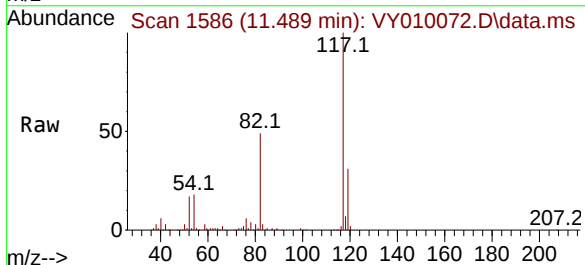
Instrument :
MSVOA_Y
ClientSampleId :
R-70-1

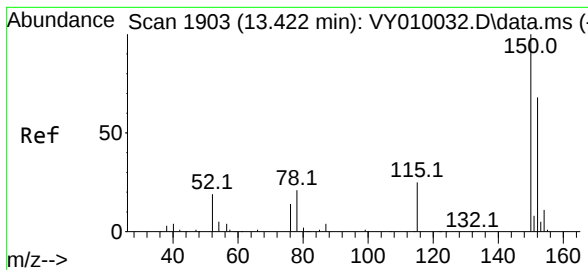
Tgt Ion:	95	Resp:	43726
Ion Ratio	Lower	Upper	
95	100		
174	99.0	0.0	184.2
176	93.4	0.0	178.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010072.D
Acq: 17 Aug 2022 16:38

Tgt Ion:	117	Resp:	117867
Ion Ratio	Lower	Upper	
117	100		
82	49.3	39.8	59.6
119	31.0	25.6	38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY010072.D
 Acq: 17 Aug 2022 16:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-70-1

Tgt Ion:152 Resp: 53740
 Ion Ratio Lower Upper
 152 100
 115 53.4 28.1 84.3
 150 157.3 0.0 346.6

