

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
 Data File : VY014701.D
 Acq On : 18 Jul 2023 14:56
 Operator : SY/MD
 Sample : 03640-11
 Misc : 5.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP8

Quant Time: Jul 19 04:05:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

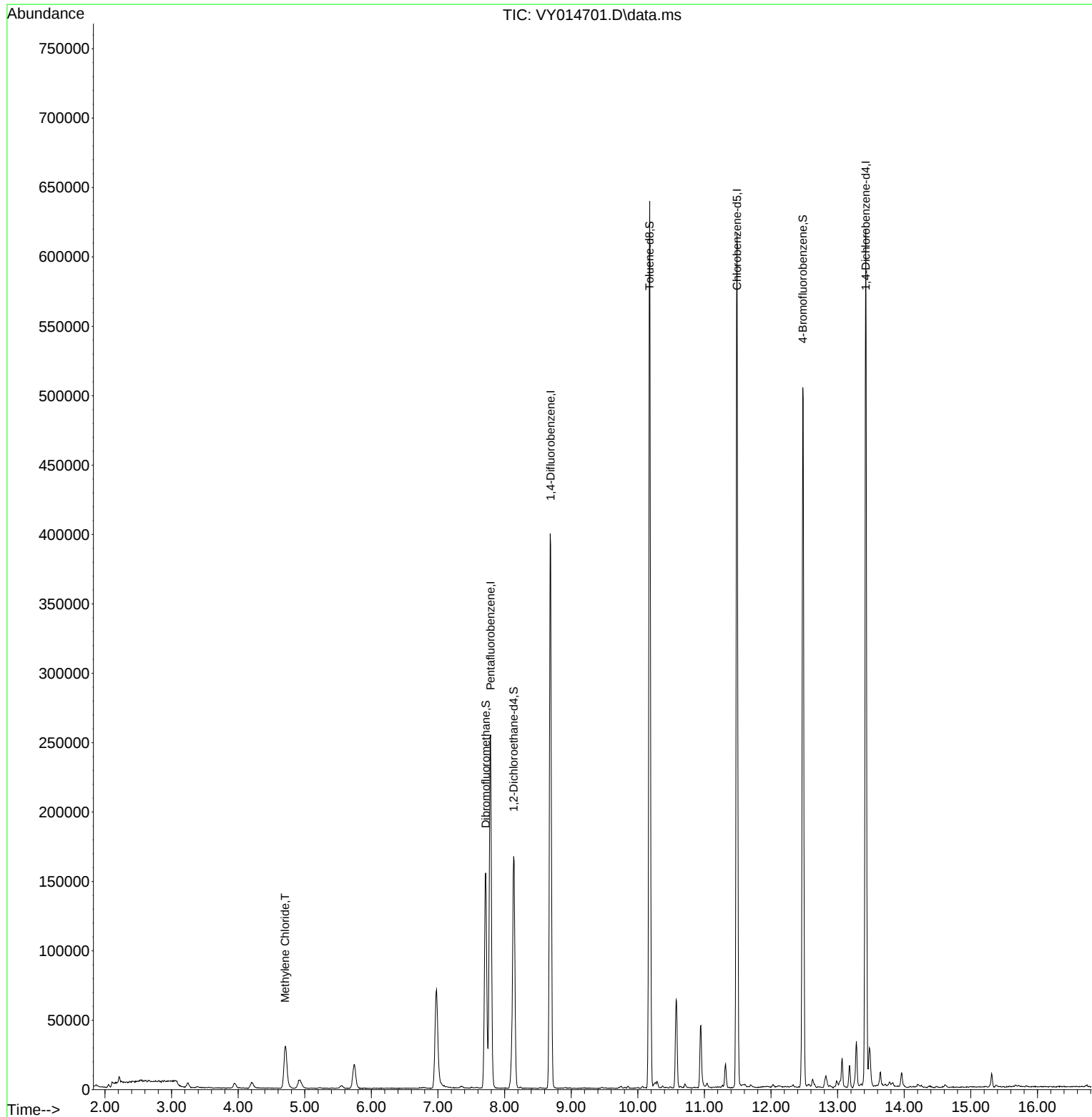
Internal Standards						
1) Pentafluorobenzene	7.789	168	200555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	349310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	328957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	125432	54.884	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.760%	
35) Dibromofluoromethane	7.716	113	111313	50.059	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.120%	
50) Toluene-d8	10.179	98	415453	50.677	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.360%	
62) 4-Bromofluorobenzene	12.477	95	156807	49.884	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.760%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	24067	6.561	ug/l	88

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

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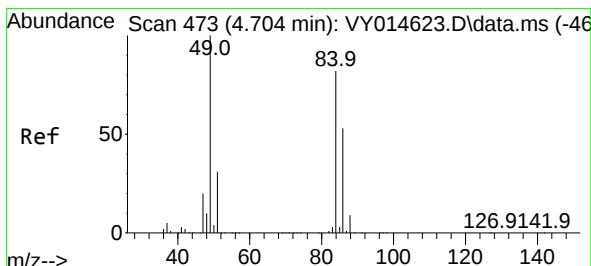
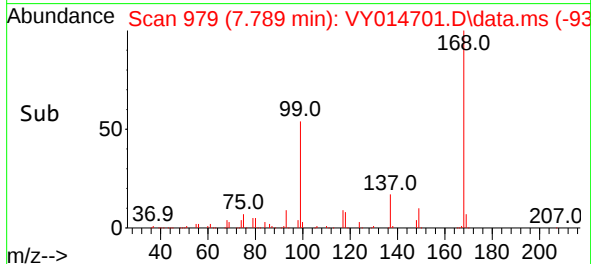
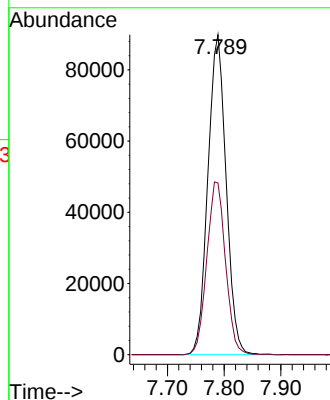
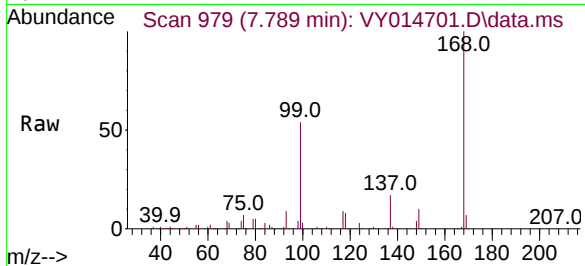




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014701.D
Acq: 18 Jul 2023 14:56

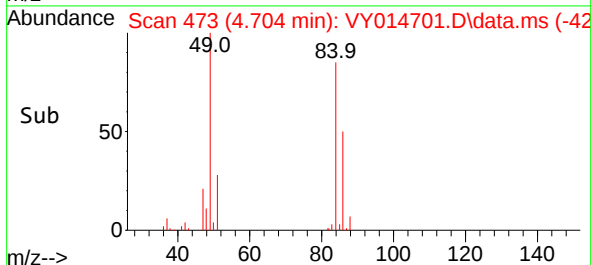
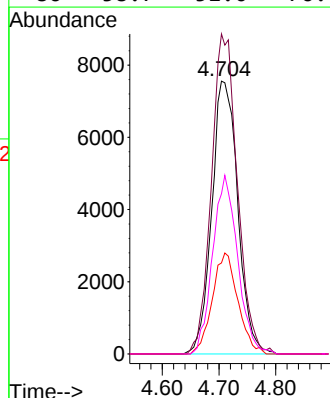
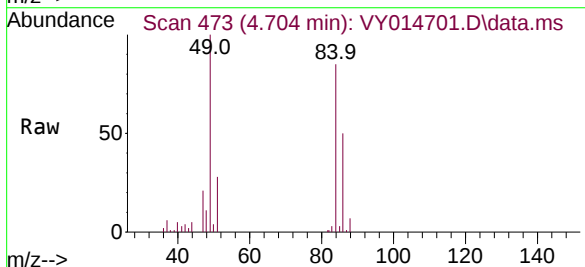
Instrument :
MSVOA_Y
ClientSampleId :
TP8

Tgt Ion:168 Resp: 200555
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#20
Methylene Chloride
Concen: 6.561 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014701.D
Acq: 18 Jul 2023 14:56

Tgt Ion: 84 Resp: 24067
Ion Ratio Lower Upper
84 100
49 117.3 106.9 160.3
51 33.4 33.2 49.8
86 58.7 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 54.884 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014701.D

Acq: 18 Jul 2023 14:56

Instrument :

MSVOA_Y

ClientSampleId :

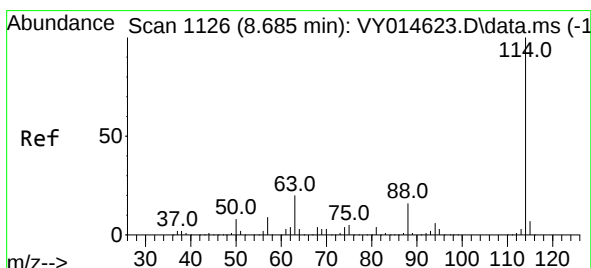
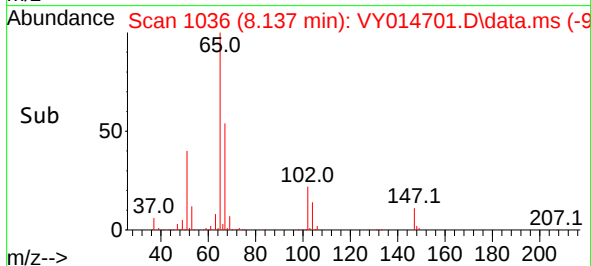
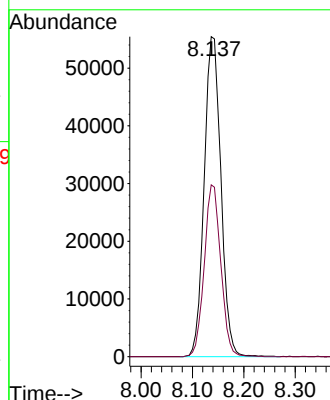
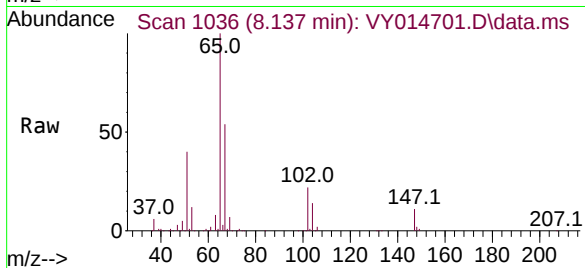
TP8

Tgt Ion: 65 Resp: 125432

Ion Ratio Lower Upper

65 100

67 53.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014701.D

Acq: 18 Jul 2023 14:56

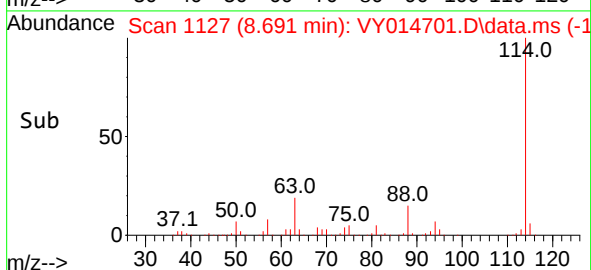
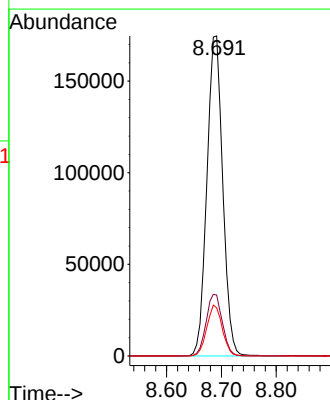
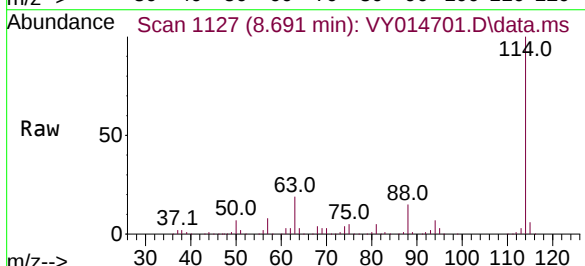
Tgt Ion: 114 Resp: 349310

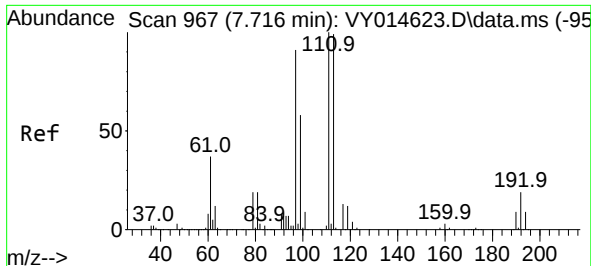
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.1 0.0 30.6

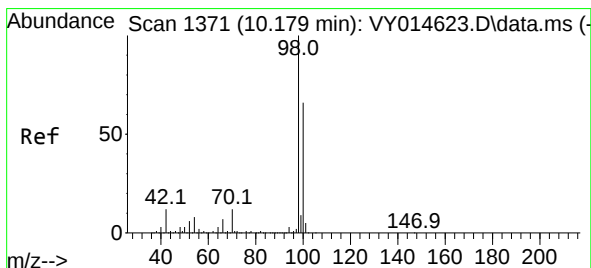
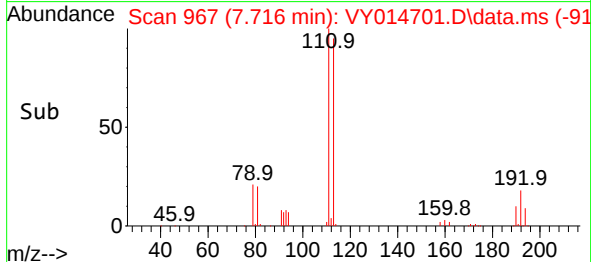
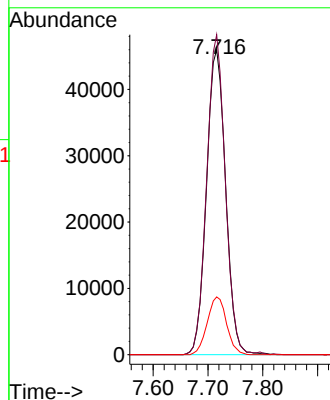
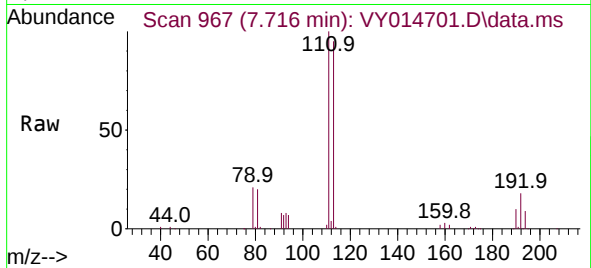




#35
Dibromofluoromethane
Concen: 50.059 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014701.D
Acq: 18 Jul 2023 14:56

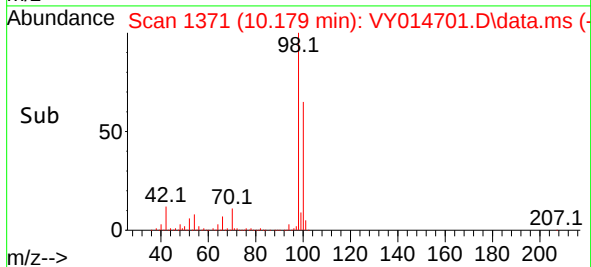
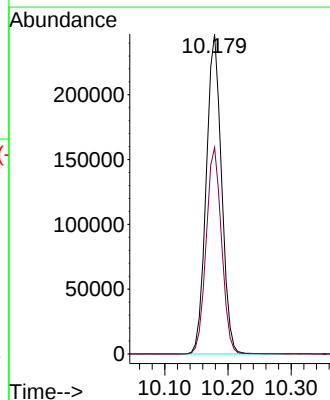
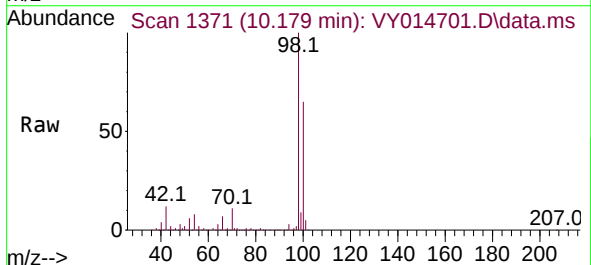
Instrument :
MSVOA_Y
ClientSampleId :
TP8

Tgt Ion:113 Resp: 111313
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 19.1 16.9 25.3



#50
Toluene-d8
Concen: 50.677 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014701.D
Acq: 18 Jul 2023 14:56

Tgt Ion: 98 Resp: 415453
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

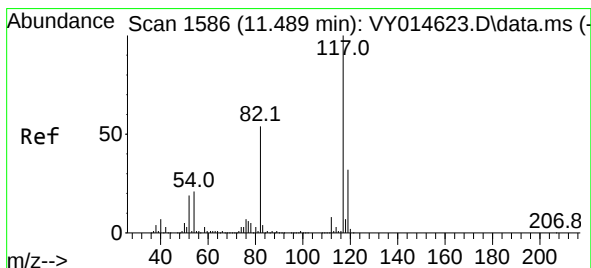
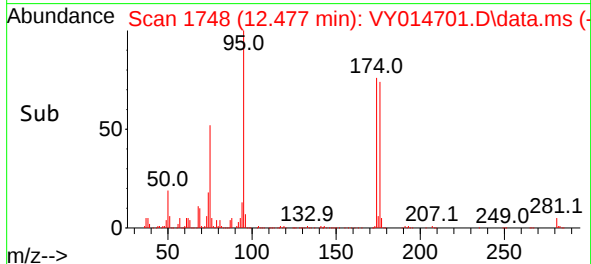
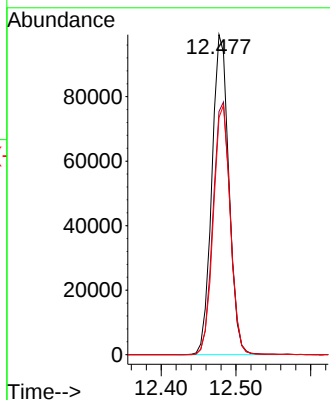
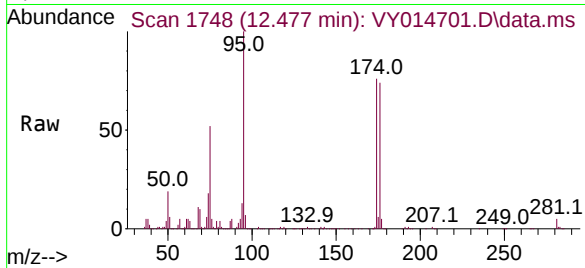




#62
4-Bromofluorobenzene
Concen: 49.884 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014701.D
Acq: 18 Jul 2023 14:56

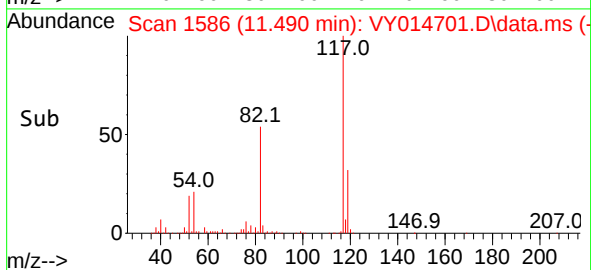
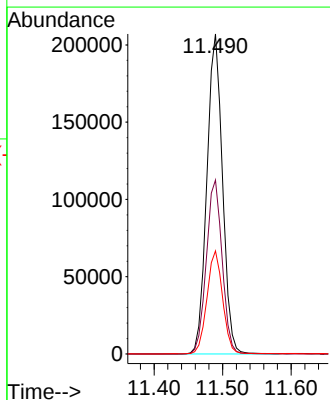
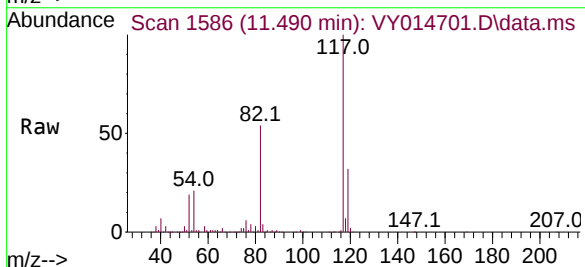
Instrument :
MSVOA_Y
ClientSampleId :
TP8

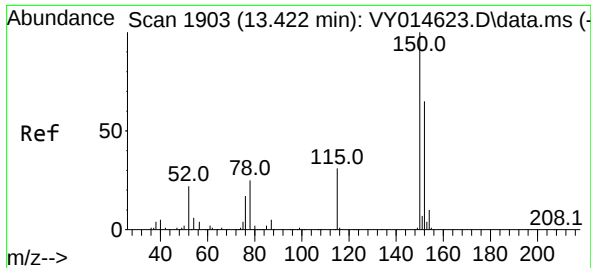
Tgt Ion: 95 Resp: 156807
Ion Ratio Lower Upper
95 100
174 79.9 0.0 178.2
176 77.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014701.D
Acq: 18 Jul 2023 14:56

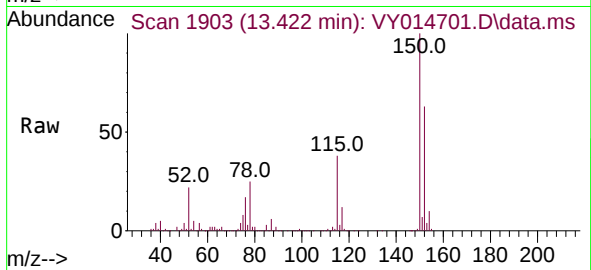
Tgt Ion: 117 Resp: 328957
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 32.1 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY014701.D
 Acq: 18 Jul 2023 14:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP8



Tgt Ion:152 Resp: 157256
 Ion Ratio Lower Upper
 152 100
 115 59.1 28.8 86.5
 150 157.0 0.0 348.8

