

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
 Data File : VY014694.D
 Acq On : 18 Jul 2023 12:11
 Operator : SY/MD
 Sample : 03653-11
 Misc : 5.48g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP21

Quant Time: Jul 19 04:02:19 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)

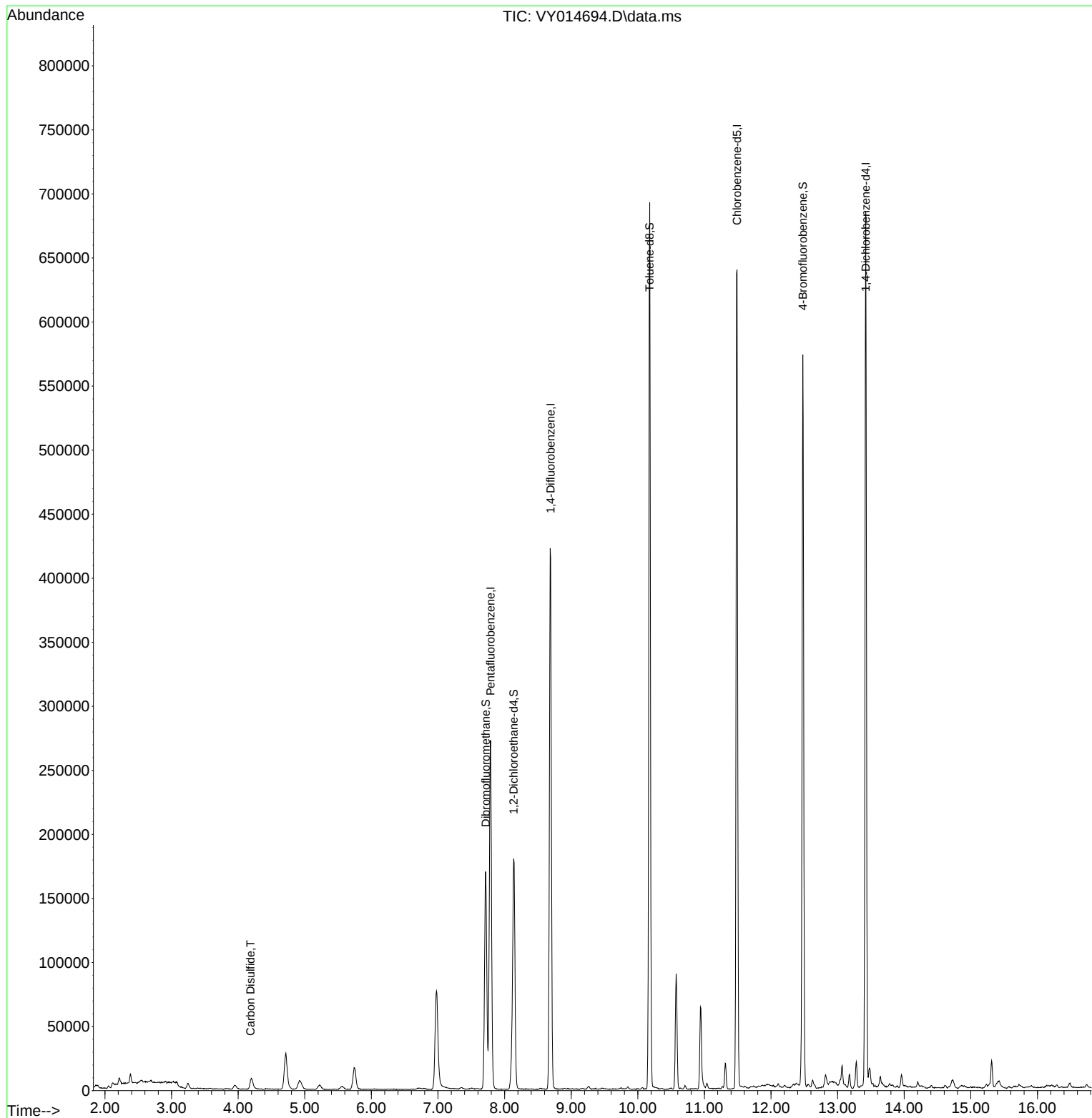
Internal Standards						
1) Pentafluorobenzene	7.789	168	214748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	375517	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	354180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	170766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	133823	54.686	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.380%	
35) Dibromofluoromethane	7.716	113	119580	50.024	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.040%	
50) Toluene-d8	10.179	98	446516	50.665	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.340%	
62) 4-Bromofluorobenzene	12.477	95	170091	50.334	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.660%	
Target Compounds						Qvalue
17) Carbon Disulfide	4.186	76	9105	1.504	ug/l	# 88

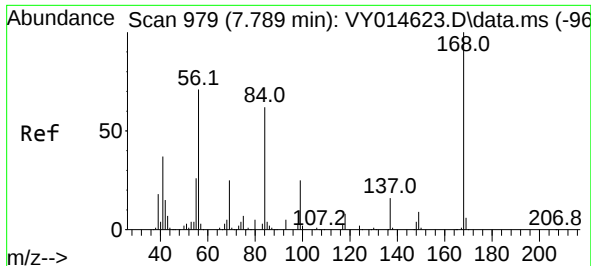
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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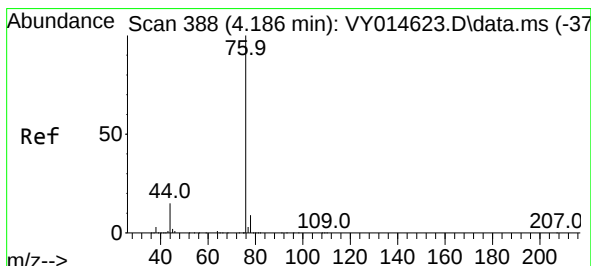
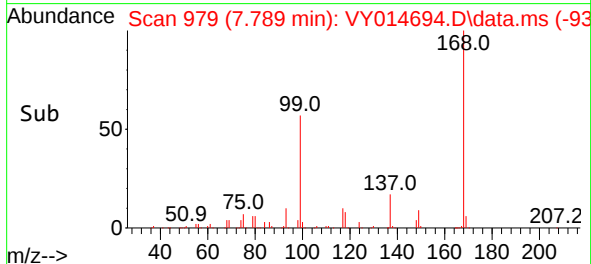
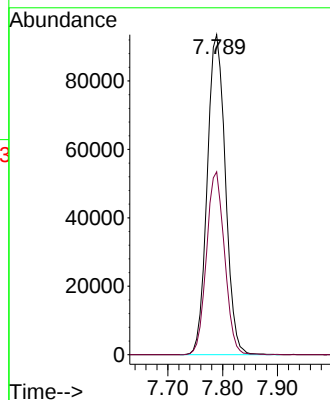
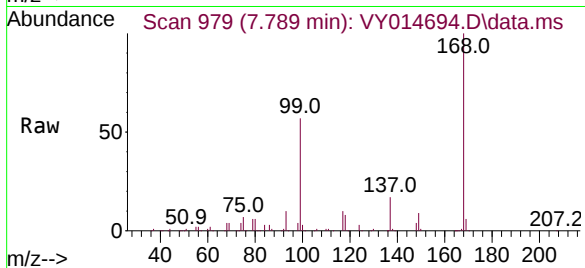




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014694.D
Acq: 18 Jul 2023 12:11

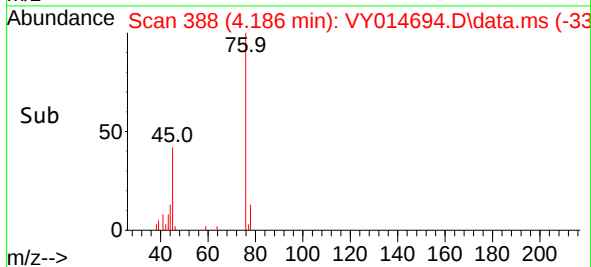
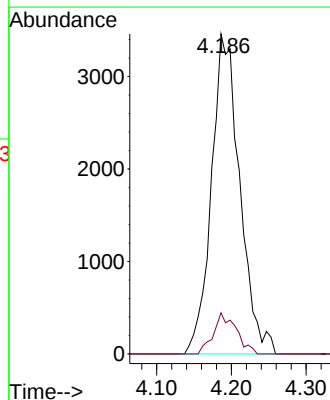
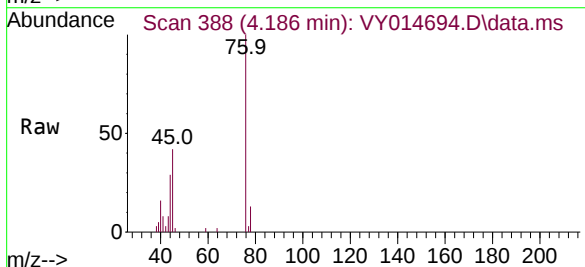
Instrument :
MSVOA_Y
ClientSampleId :
TP21

Tgt Ion:168 Resp: 214748
Ion Ratio Lower Upper
168 100
99 57.2 43.4 65.0



#17
Carbon Disulfide
Concen: 1.504 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY014694.D
Acq: 18 Jul 2023 12:11

Tgt Ion: 76 Resp: 9105
Ion Ratio Lower Upper
76 100
78 12.8 7.0 10.4#





#33

1,2-Dichloroethane-d4

Concen: 54.686 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY014694.D

Acq: 18 Jul 2023 12:11

Instrument :

MSVOA_Y

ClientSampleId :

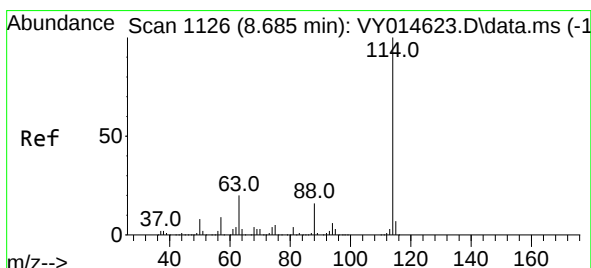
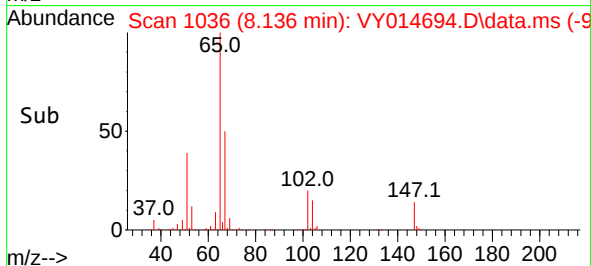
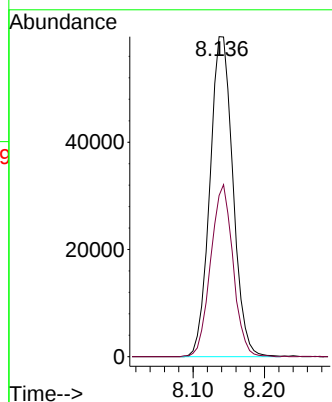
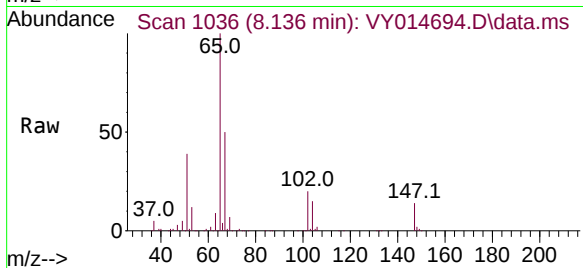
TP21

Tgt Ion: 65 Resp: 133823

Ion Ratio Lower Upper

65 100

67 52.0 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: VY014694.D

Acq: 18 Jul 2023 12:11

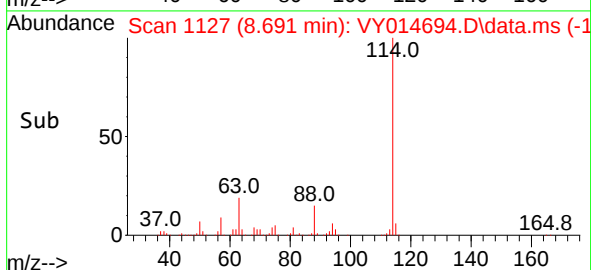
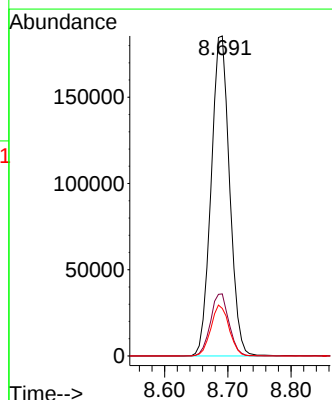
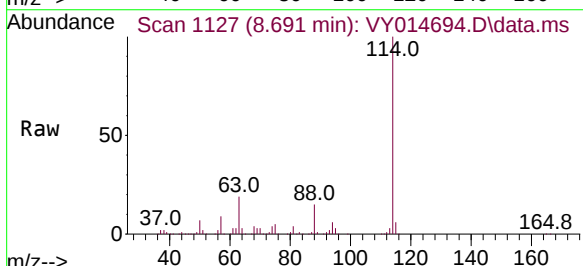
Tgt Ion: 114 Resp: 375517

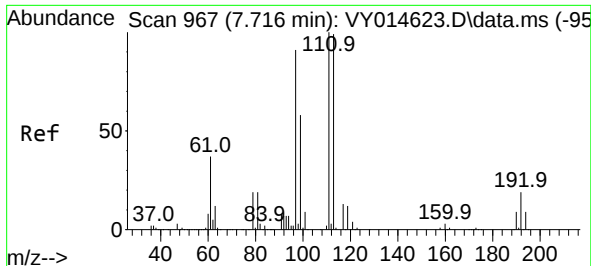
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 14.9 0.0 30.6

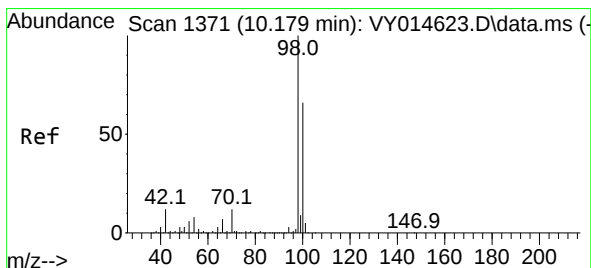
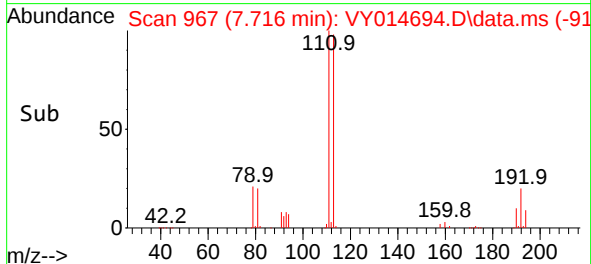
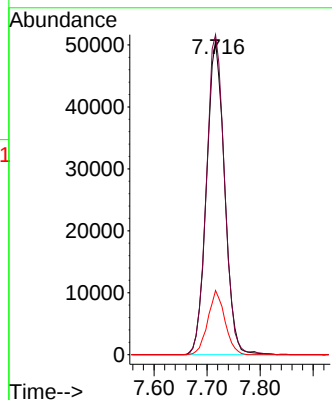
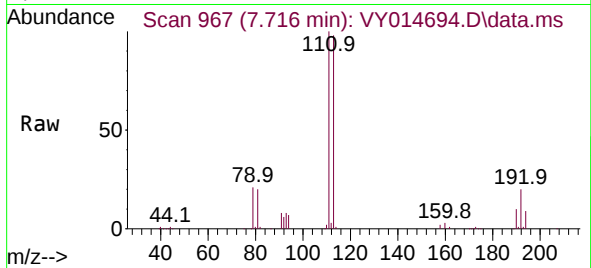




#35
Dibromofluoromethane
Concen: 50.024 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY014694.D
Acq: 18 Jul 2023 12:11

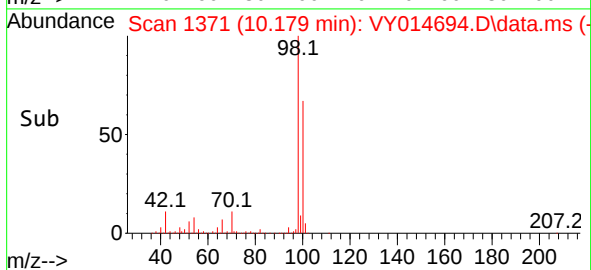
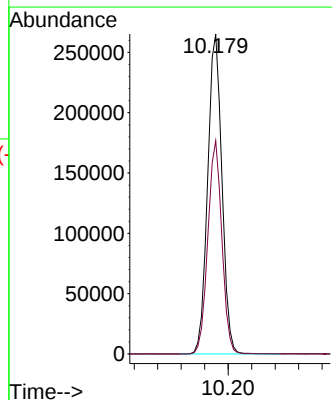
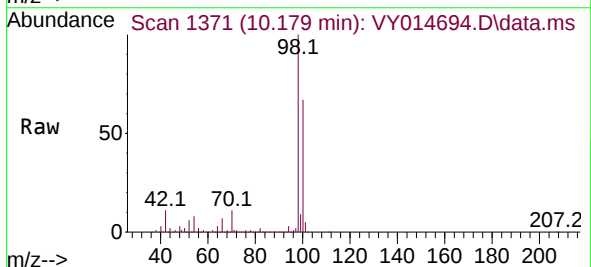
Instrument :
MSVOA_Y
ClientSampleId :
TP21

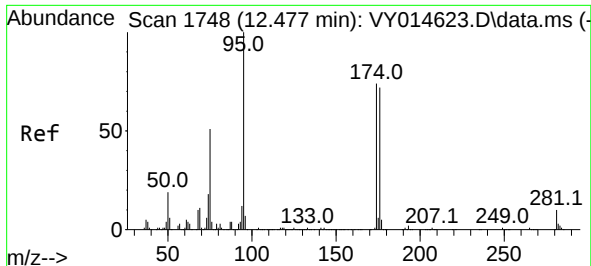
Tgt Ion:113 Resp: 119580
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.3 16.9 25.3



#50
Toluene-d8
Concen: 50.665 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014694.D
Acq: 18 Jul 2023 12:11

Tgt Ion: 98 Resp: 446516
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

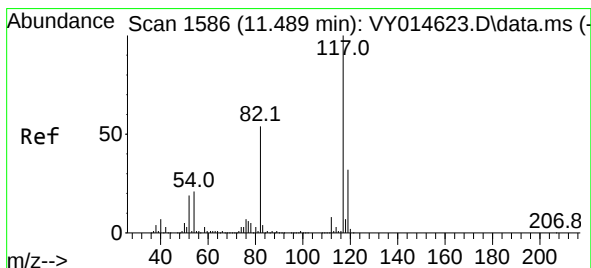
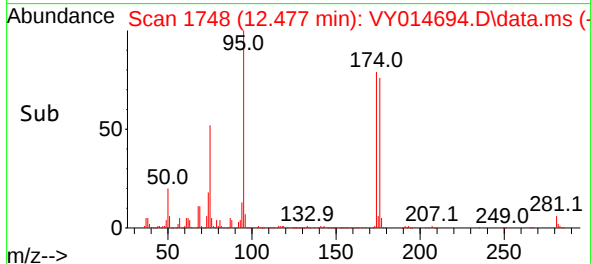
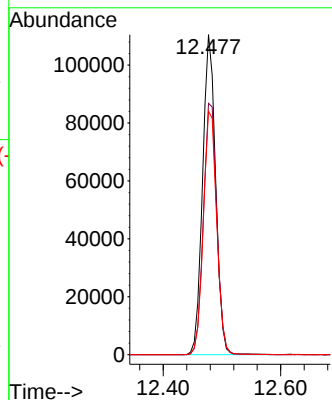
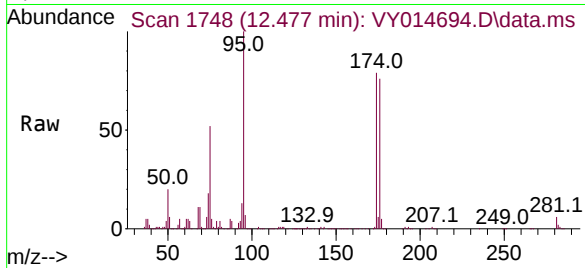




#62
4-Bromofluorobenzene
Concen: 50.334 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014694.D
Acq: 18 Jul 2023 12:11

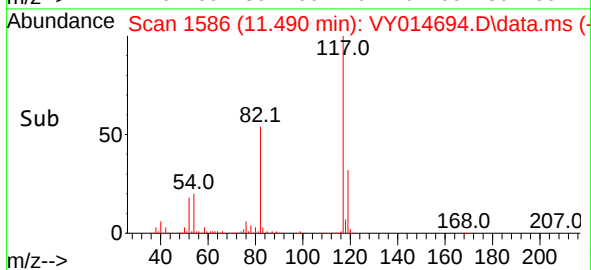
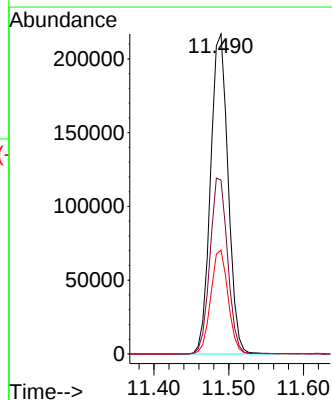
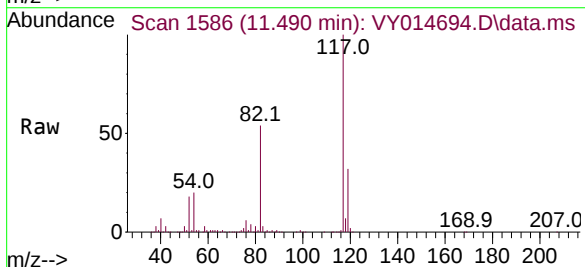
Instrument :
MSVOA_Y
ClientSampleId :
TP21

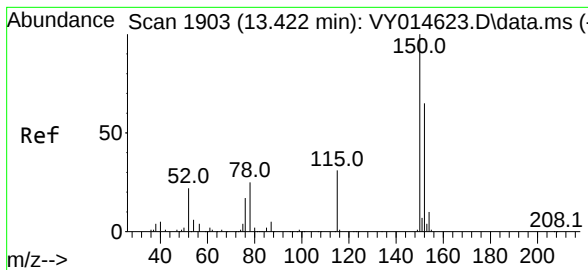
Tgt Ion: 95 Resp: 170091
Ion Ratio Lower Upper
95 100
174 80.9 0.0 178.2
176 78.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014694.D
Acq: 18 Jul 2023 12:11

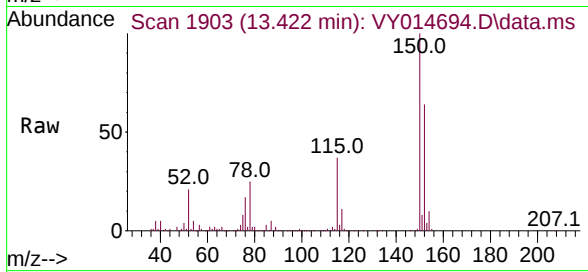
Tgt Ion: 117 Resp: 354180
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 32.4 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY014694.D
 Acq: 18 Jul 2023 12:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP21



Tgt Ion:152 Resp: 170766
 Ion Ratio Lower Upper
 152 100
 115 59.5 28.8 86.5
 150 158.0 0.0 348.8

