

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071023\
 Data File : VY014614.D
 Acq On : 10 Jul 2023 13:42
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jul 11 03:18:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

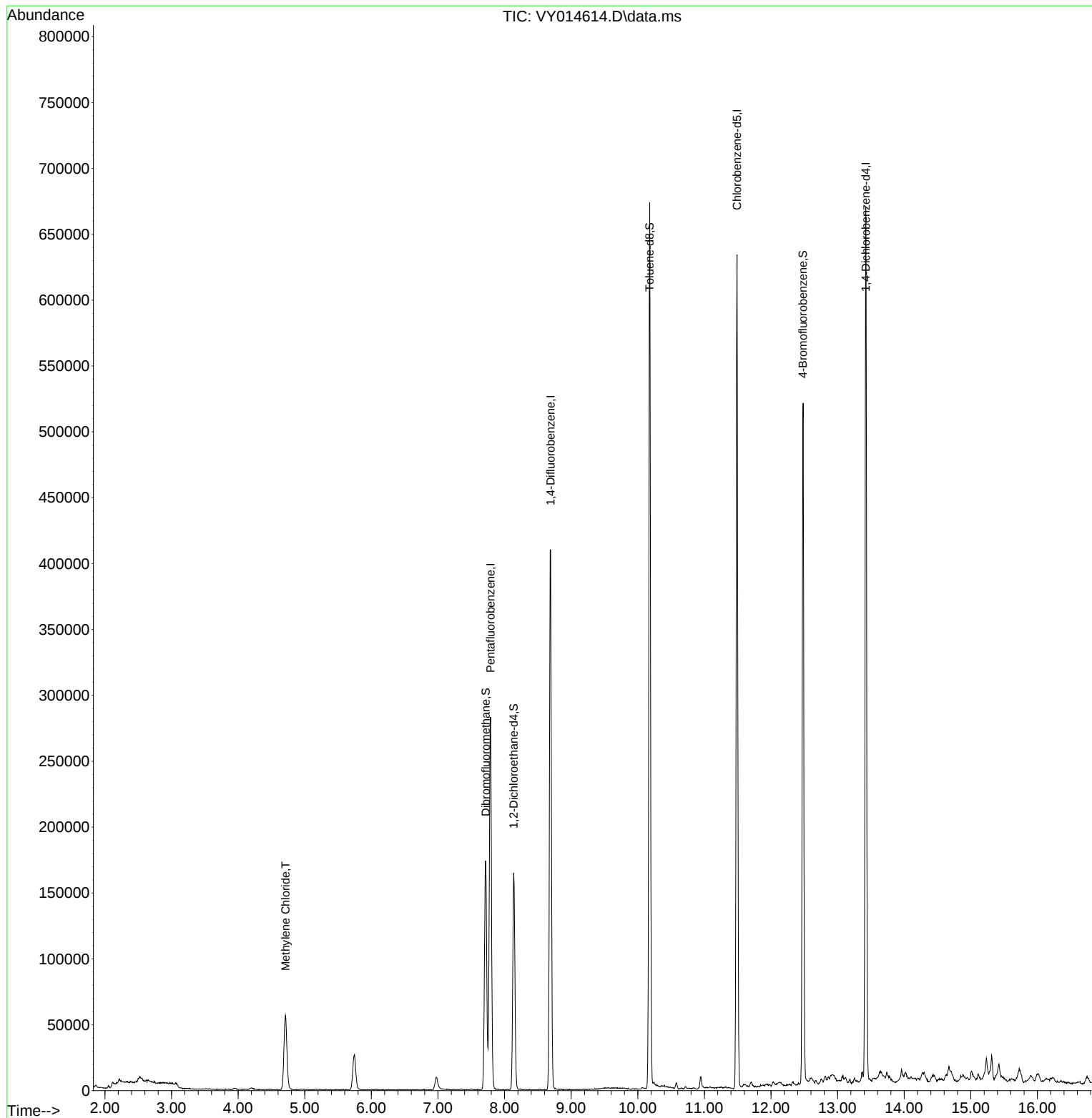
Internal Standards						
1) Pentafluorobenzene	7.789	168	243229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	377537	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	370525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	185574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	132246	54.656	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.320%	
35) Dibromofluoromethane	7.716	113	125261	53.878	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.760%	
50) Toluene-d8	10.179	98	460607	50.117	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.240%	
62) 4-Bromofluorobenzene	12.477	95	157854	49.463	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.920%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.710	84	47107	13.485	ug/l	# 79

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

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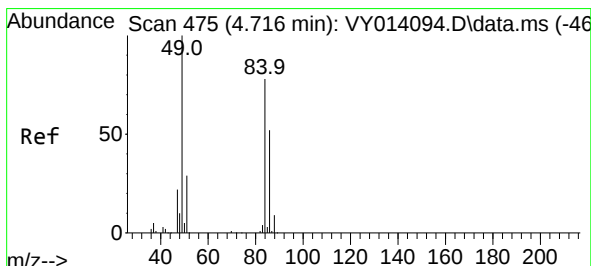
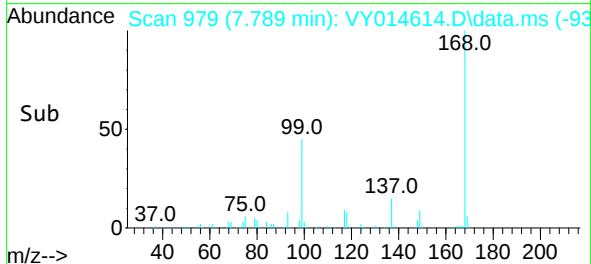
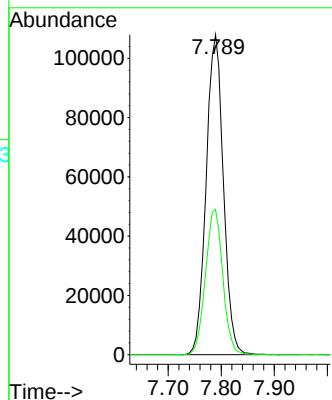
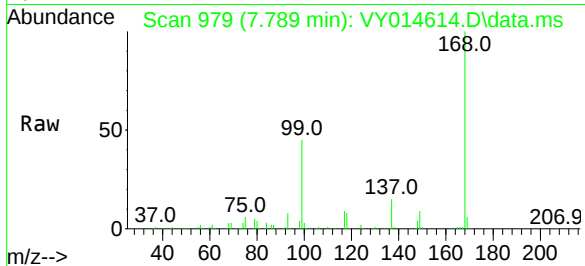




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014614.D
Acq: 10 Jul 2023 13:42

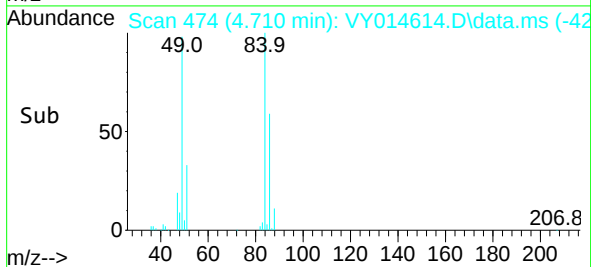
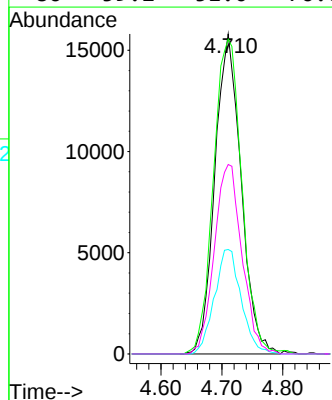
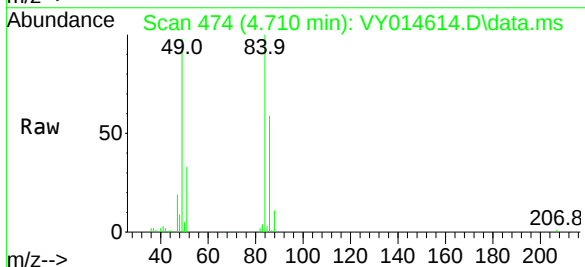
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 243229
Ion Ratio Lower Upper
168 100
99 45.3 43.4 65.0



#20
Methylene Chloride
Concen: 13.485 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014614.D
Acq: 10 Jul 2023 13:42

Tgt Ion: 84 Resp: 47107
Ion Ratio Lower Upper
84 100
49 98.3 106.9 160.3#
51 32.7 33.2 49.8#
86 59.2 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 54.656 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.005 min

Lab File: VY014614.D

Acq: 10 Jul 2023 13:42

Instrument :

MSVOA_Y

ClientSampleId :

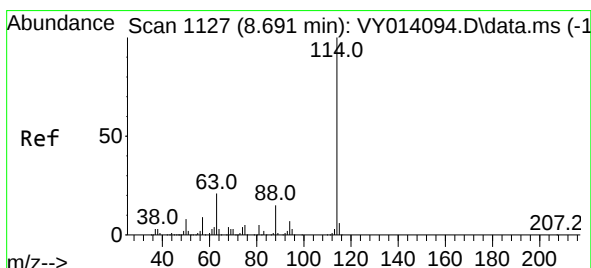
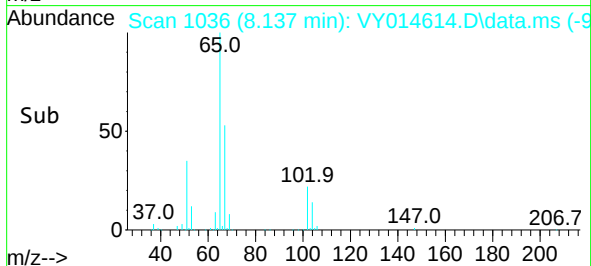
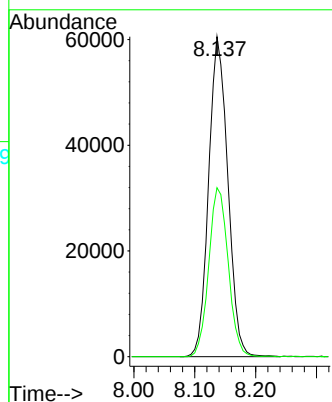
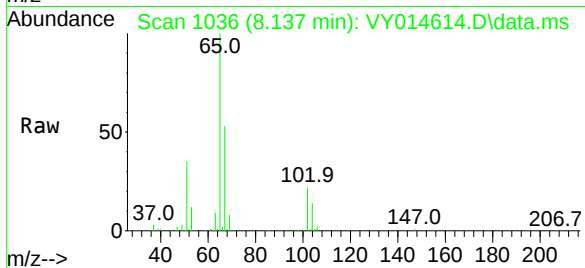
VIBLK

Tgt Ion: 65 Resp: 132246

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014614.D

Acq: 10 Jul 2023 13:42

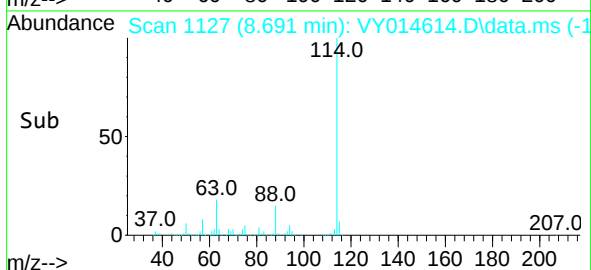
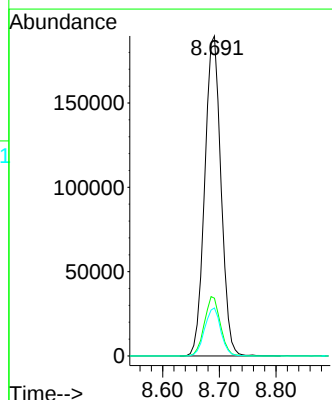
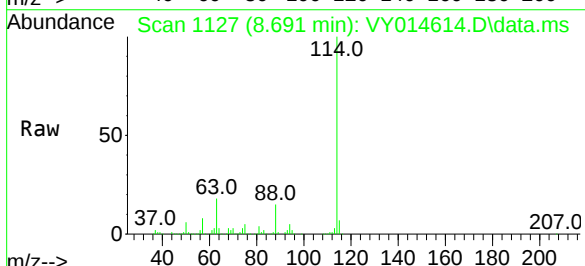
Tgt Ion: 114 Resp: 377537

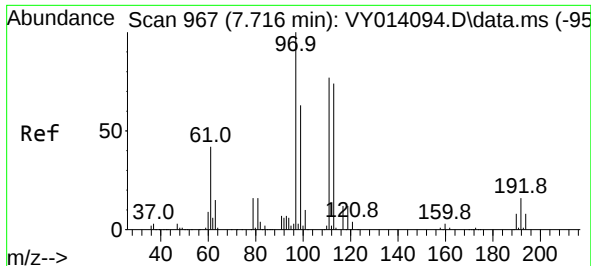
Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

88 15.0 0.0 30.6

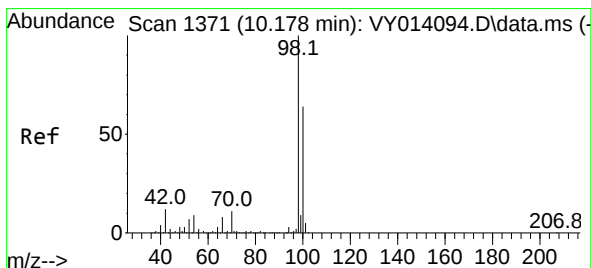
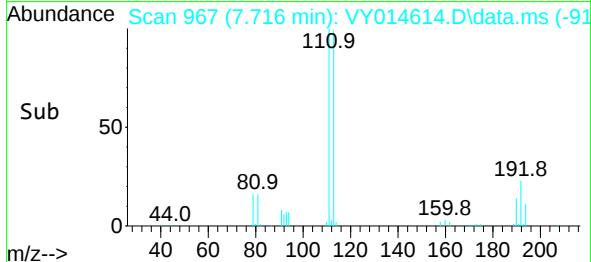
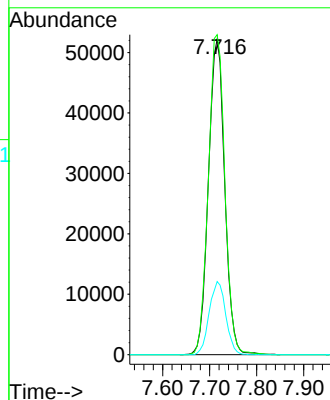
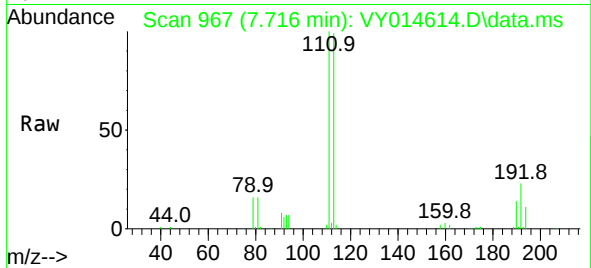




#35
Dibromofluoromethane
Concen: 53.878 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014614.D
Acq: 10 Jul 2023 13:42

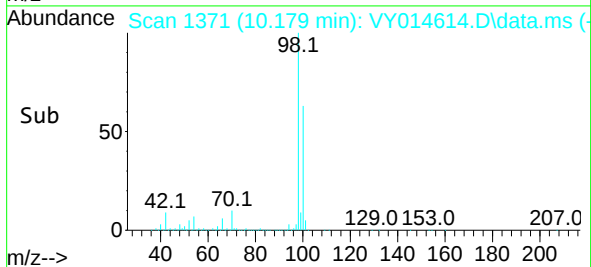
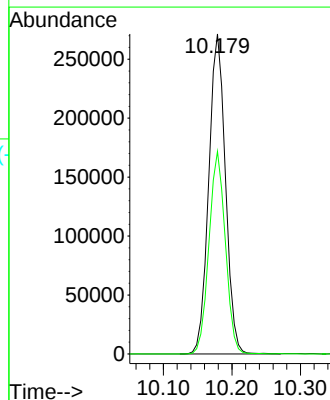
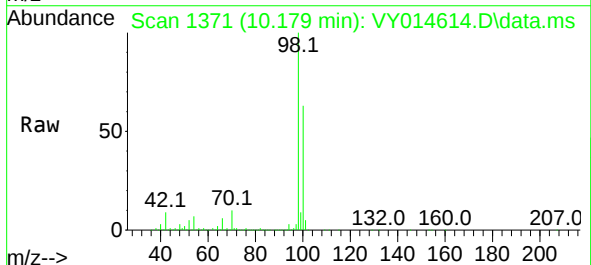
Instrument :
MSVOA_Y
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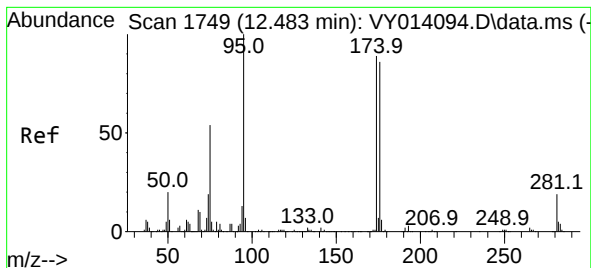
Tgt Ion:113 Resp: 125261
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 23.5 16.9 25.3



#50
Toluene-d8
Concen: 50.117 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014614.D
Acq: 10 Jul 2023 13:42

Tgt Ion: 98 Resp: 460607
Ion Ratio Lower Upper
98 100
100 62.0 50.1 75.1

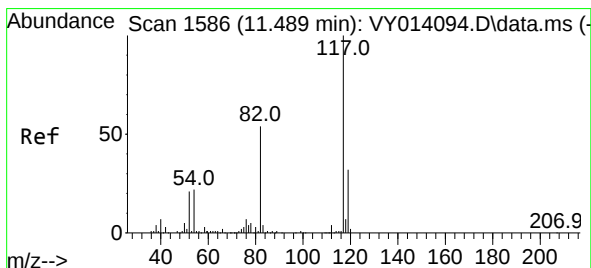
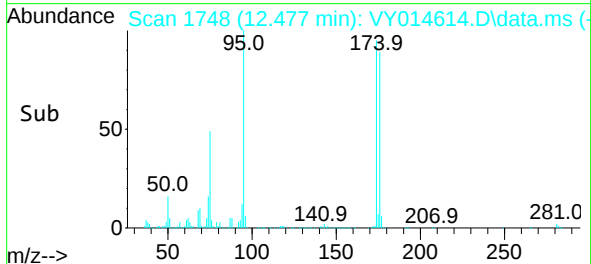
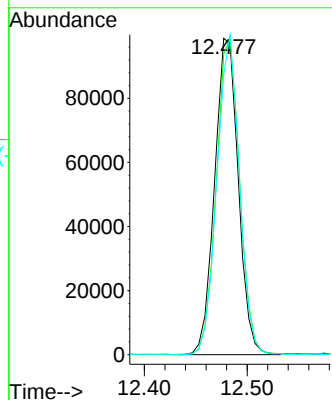
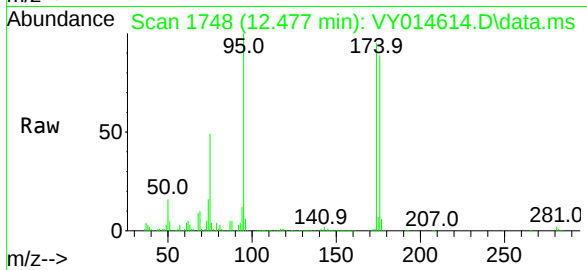




#62
4-Bromofluorobenzene
Concen: 49.463 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014614.D
Acq: 10 Jul 2023 13:42

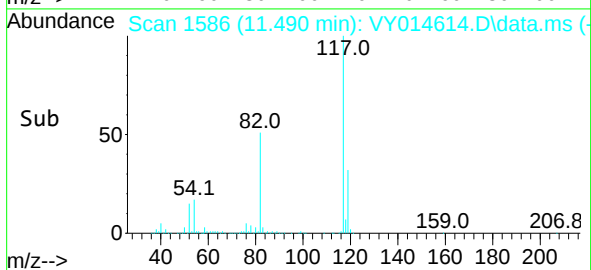
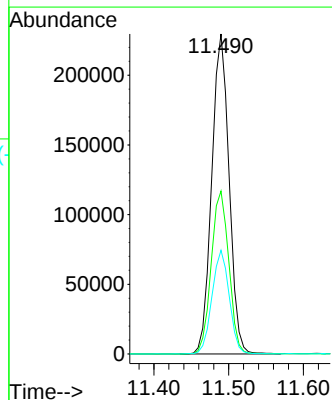
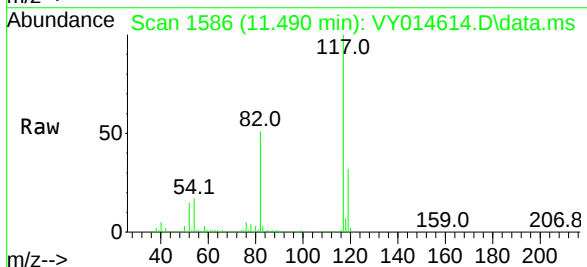
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MSVOA_Y
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VIBLK

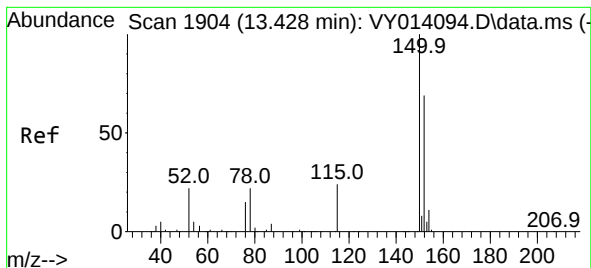
Tgt Ion: 95 Resp: 157854
Ion Ratio Lower Upper
95 100
174 98.3 0.0 178.2
176 96.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014614.D
Acq: 10 Jul 2023 13:42

Tgt Ion: 117 Resp: 370525
Ion Ratio Lower Upper
117 100
82 50.9 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. -0.006 min

Lab File: VY014614.D

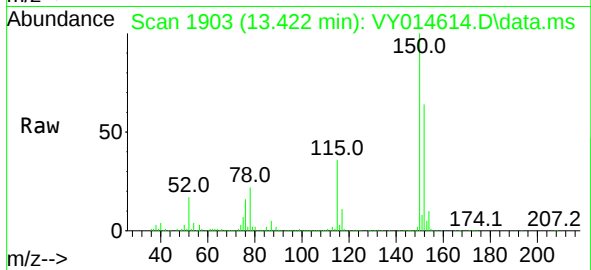
Acq: 10 Jul 2023 13:42

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK



Tgt Ion:152 Resp: 185574

Ion Ratio Lower Upper

152 100

115 55.2 28.8 86.5

150 157.2 0.0 348.8

