

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071323\
 Data File : VY014626.D
 Acq On : 13 Jul 2023 11:30
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jul 14 06:08:42 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)

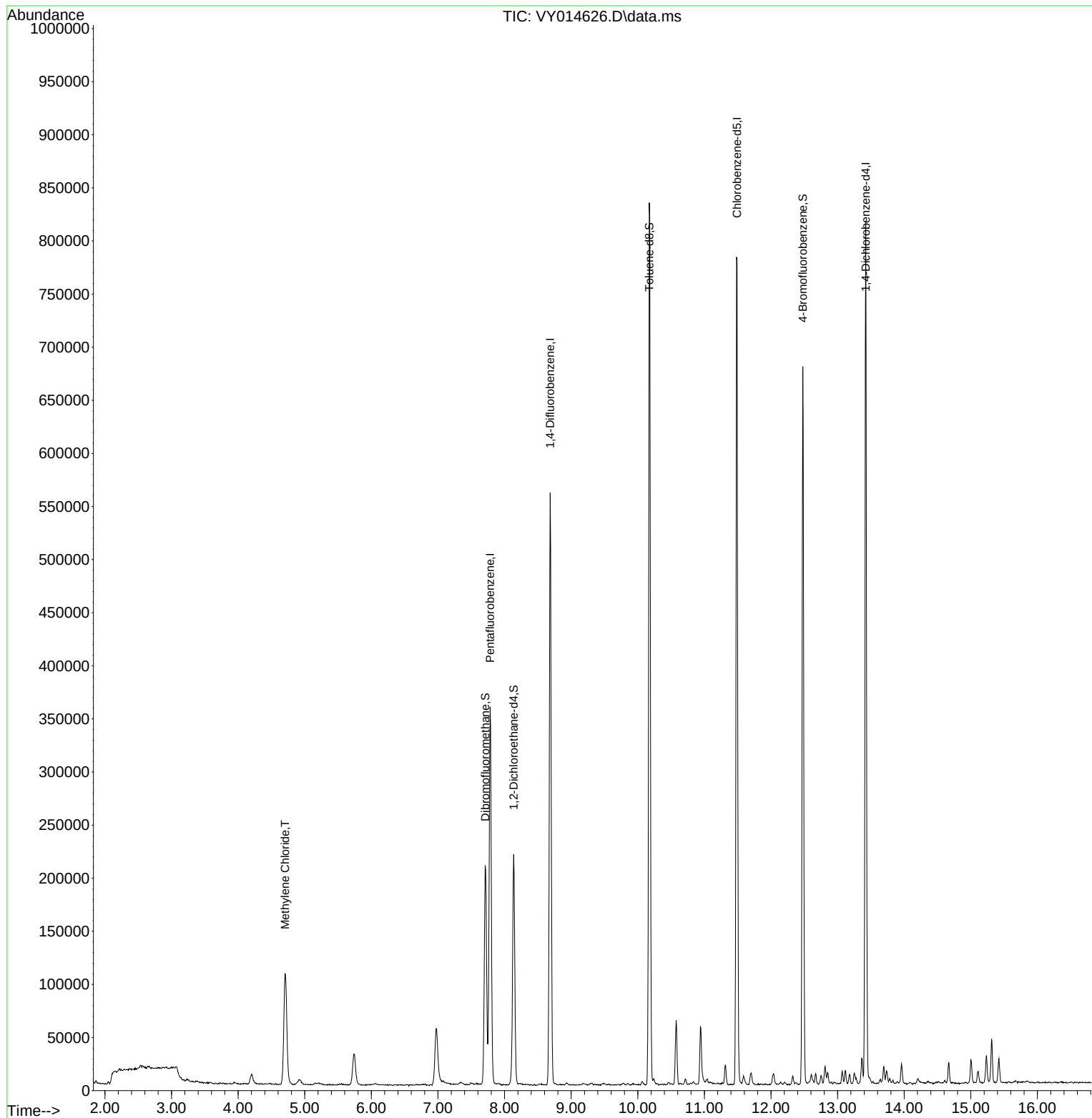
Internal Standards						
1) Pentafluorobenzene	7.783	168	271624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	469888	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	430426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	198831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	163553	52.840	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.680%	
35) Dibromofluoromethane	7.710	113	150970	50.471	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.940%	
50) Toluene-d8	10.173	98	558870	50.678	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.360%	
62) 4-Bromofluorobenzene	12.477	95	212820	50.330	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.660%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	82740	23.750	ug/l	89

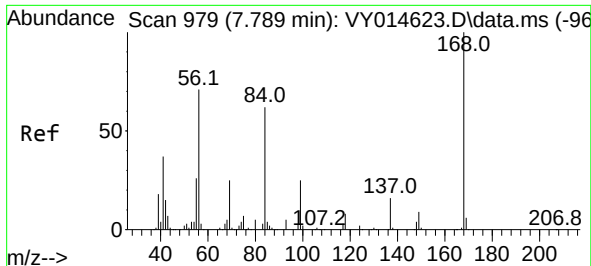
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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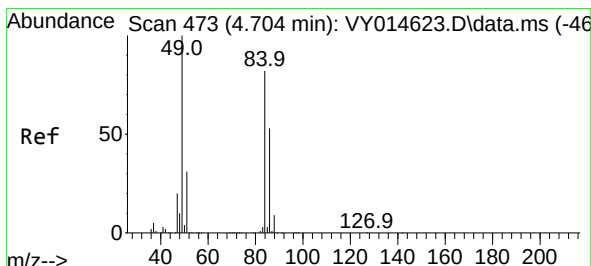
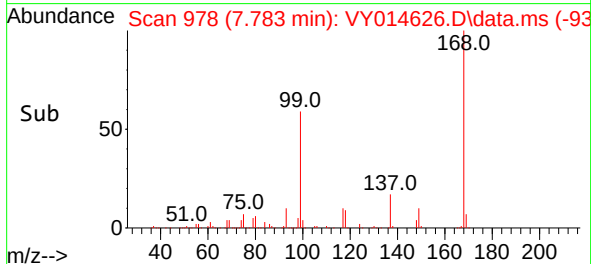
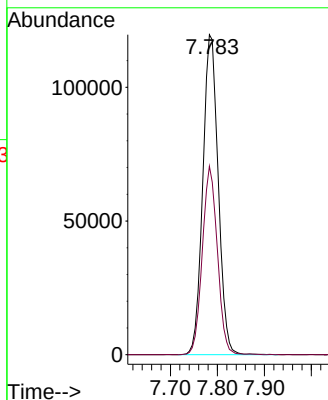
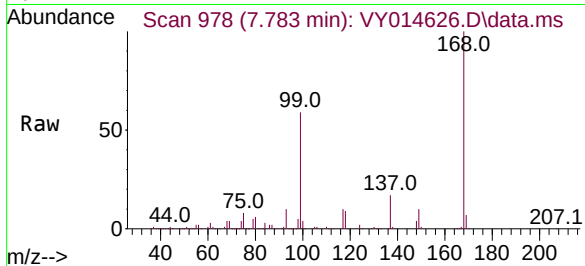




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014626.D
Acq: 13 Jul 2023 11:30

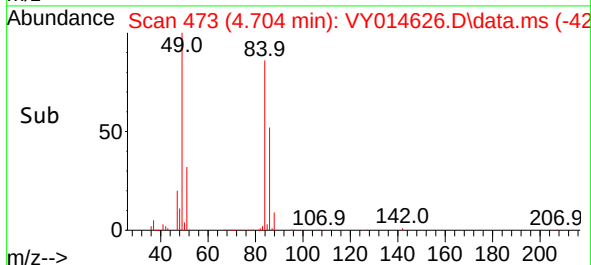
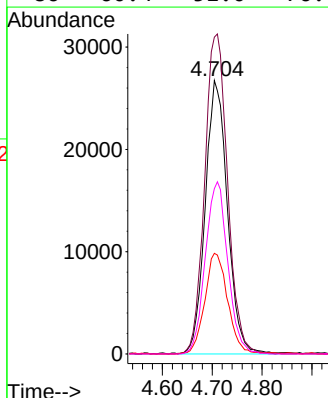
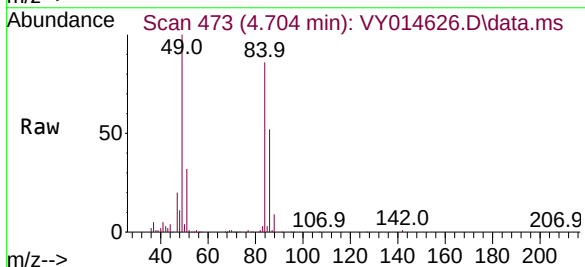
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

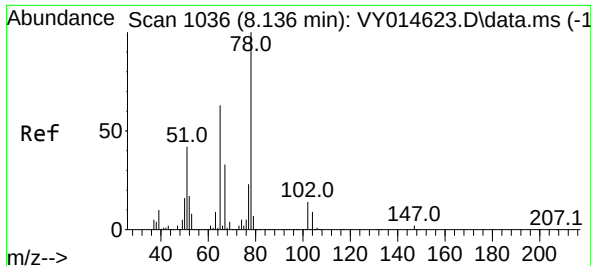
Tgt Ion:168 Resp: 271624
Ion Ratio Lower Upper
168 100
99 58.9 43.4 65.0



#20
Methylene Chloride
Concen: 23.750 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014626.D
Acq: 13 Jul 2023 11:30

Tgt Ion: 84 Resp: 82740
Ion Ratio Lower Upper
84 100
49 115.6 106.9 160.3
51 36.8 33.2 49.8
86 60.4 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 52.840 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014626.D

Acq: 13 Jul 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

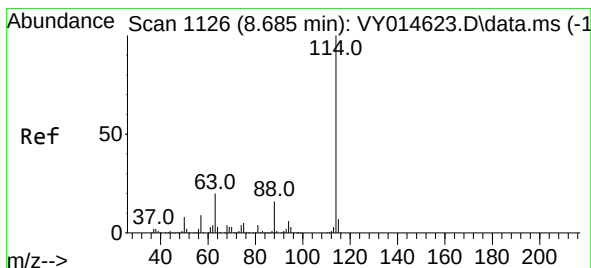
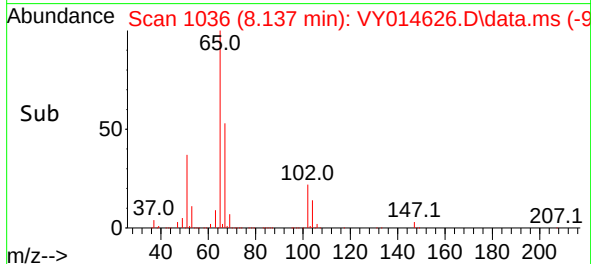
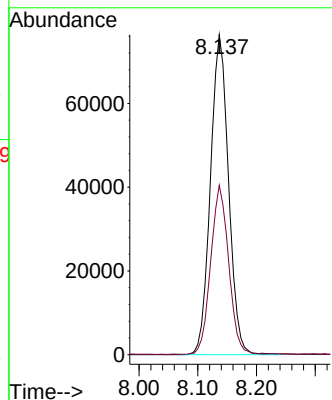
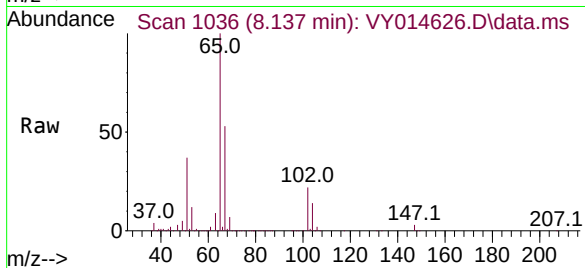
VIBLK

Tgt Ion: 65 Resp: 163553

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014626.D

Acq: 13 Jul 2023 11:30

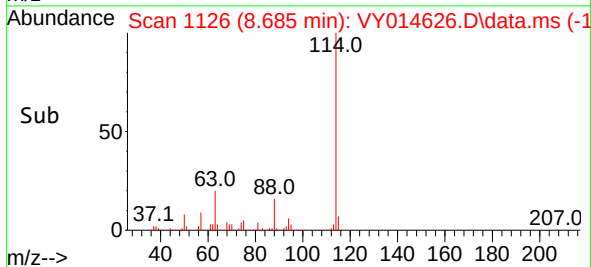
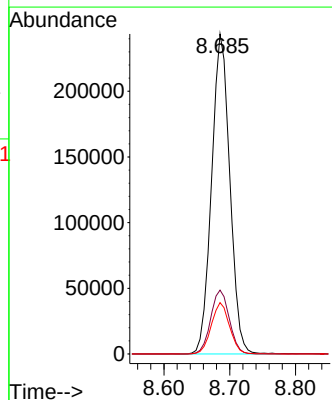
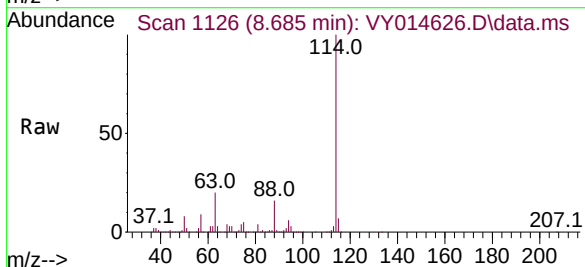
Tgt Ion:114 Resp: 469888

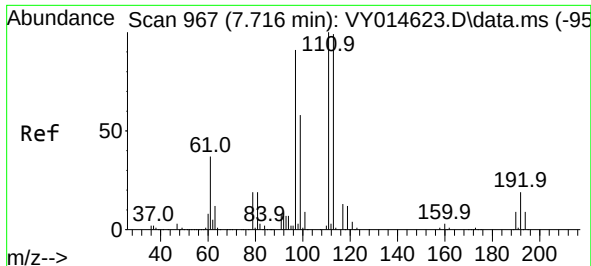
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 16.0 0.0 30.6

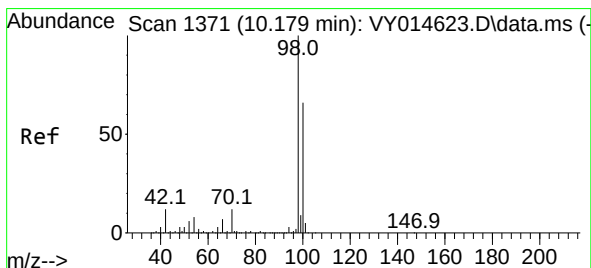
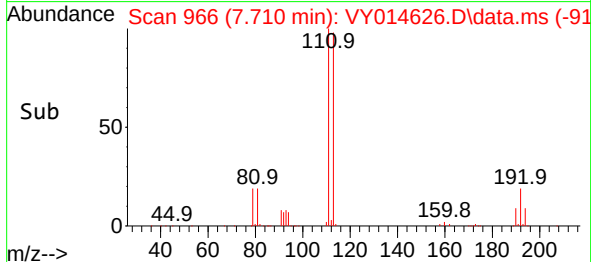
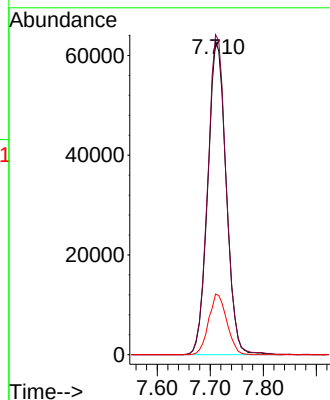
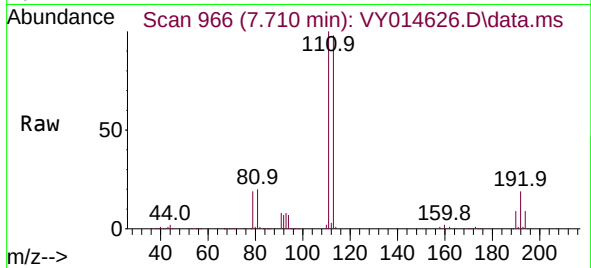




#35
Dibromofluoromethane
Concen: 50.471 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014626.D
Acq: 13 Jul 2023 11:30

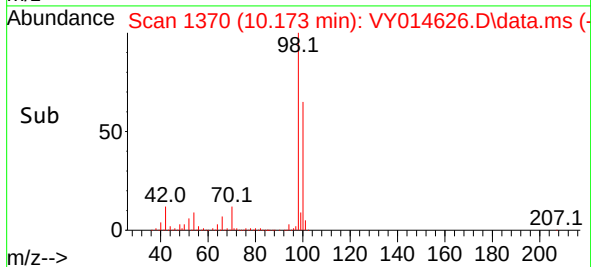
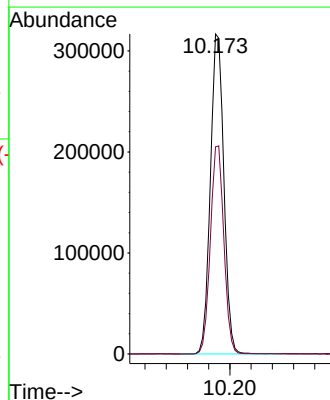
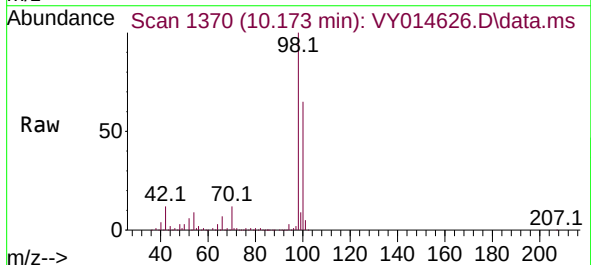
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

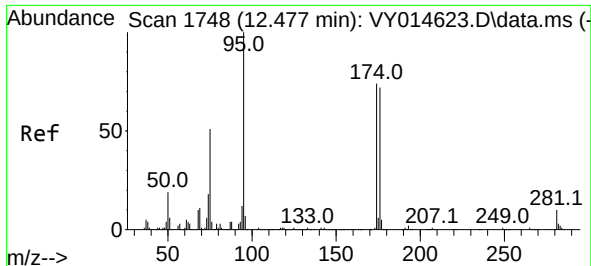
Tgt Ion:113 Resp: 150970
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.1 16.9 25.3



#50
Toluene-d8
Concen: 50.678 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014626.D
Acq: 13 Jul 2023 11:30

Tgt Ion: 98 Resp: 558870
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

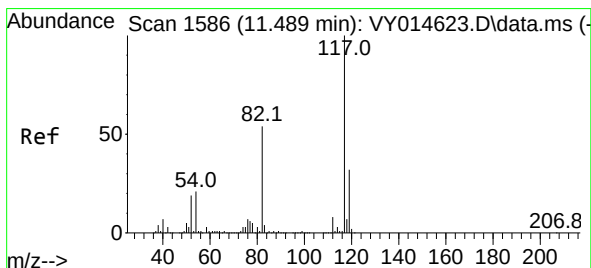
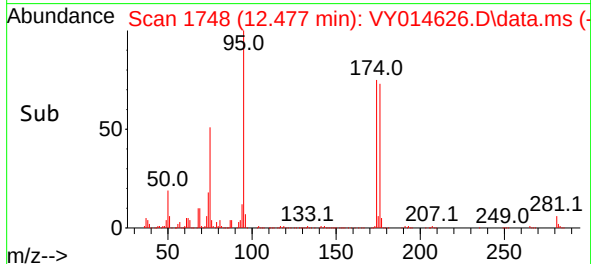
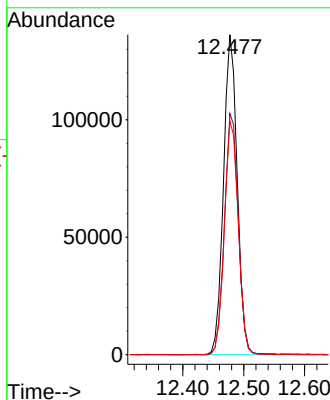
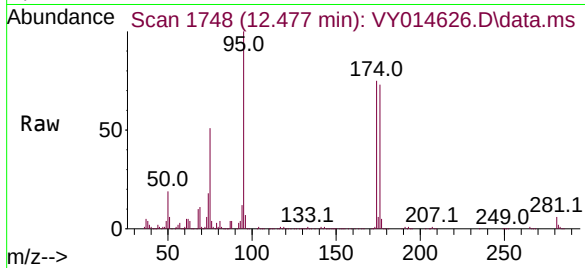




#62
4-Bromofluorobenzene
Concen: 50.330 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014626.D
Acq: 13 Jul 2023 11:30

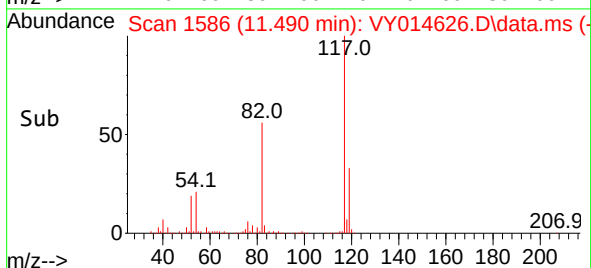
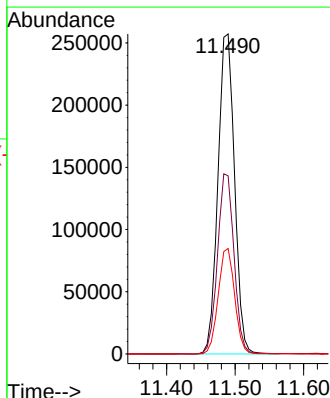
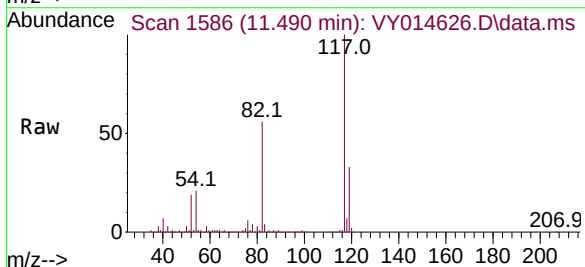
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

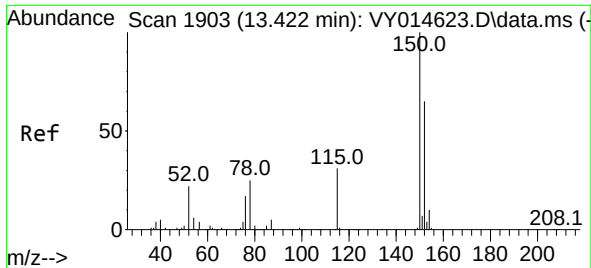
Tgt Ion: 95 Resp: 212820
Ion Ratio Lower Upper
95 100
174 76.2 0.0 178.2
176 73.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014626.D
Acq: 13 Jul 2023 11:30

Tgt Ion: 117 Resp: 430426
Ion Ratio Lower Upper
117 100
82 55.6 43.4 65.0
119 33.0 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: VY014626.D

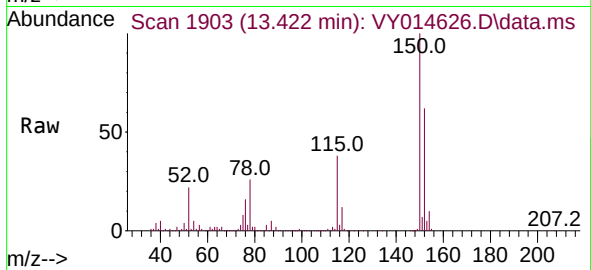
Acq: 13 Jul 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK



Tgt Ion:152 Resp: 198831

Ion Ratio Lower Upper

152 100

115 60.8 28.8 86.5

150 159.4 0.0 348.8

