

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
 Data File : VY012048.D
 Acq On : 03 Jan 2023 15:45
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 04 01:19:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

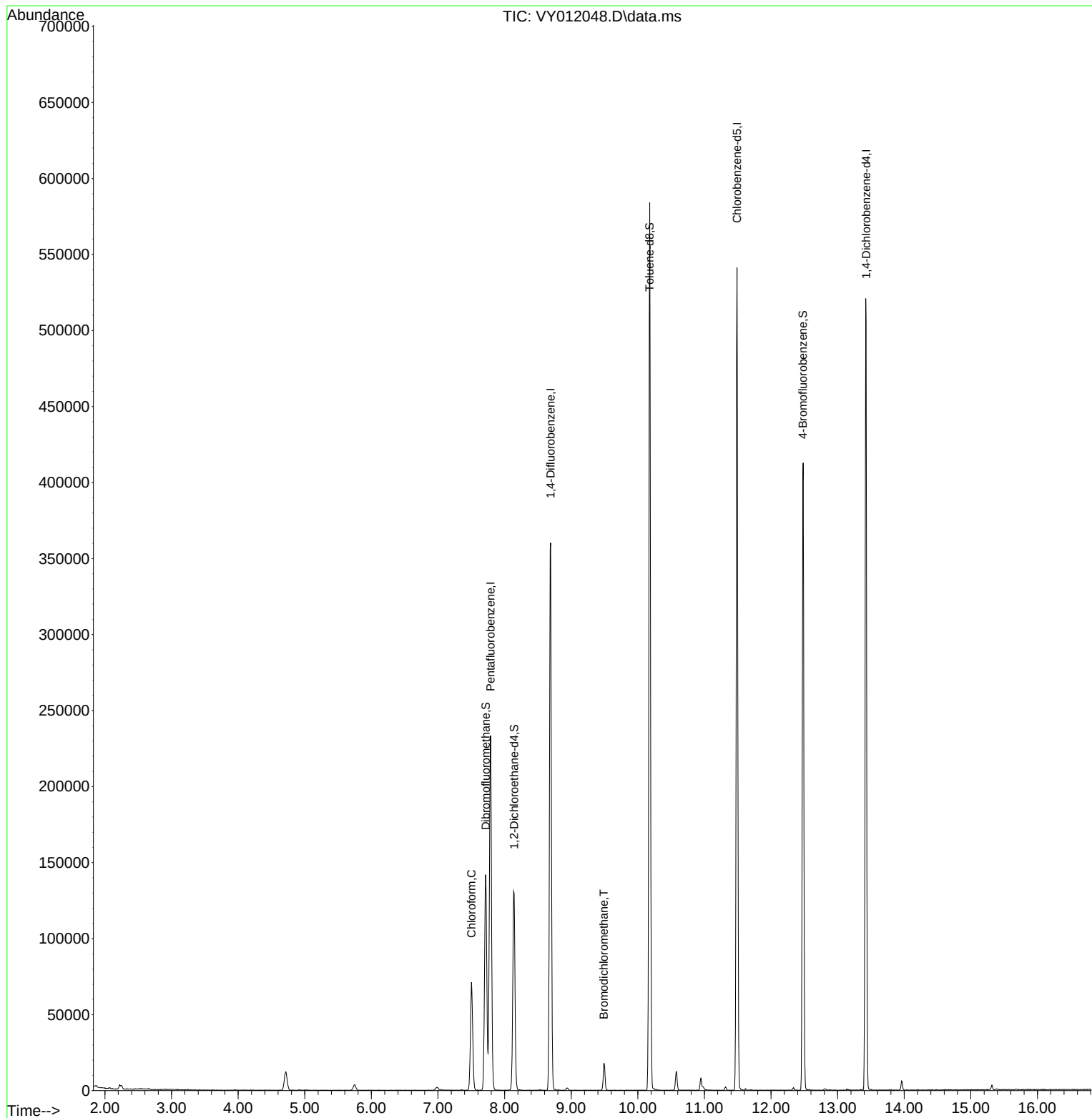
Internal Standards						
1) Pentafluorobenzene	7.789	168	180865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	317130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	298193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	137736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	110578	60.685	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.360%
35) Dibromofluoromethane	7.716	113	96963	50.787	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.580%
50) Toluene-d8	10.179	98	380831	49.164	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.320%
62) 4-Bromofluorobenzene	12.477	95	124450	47.770	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.540%
Target Compounds						
30) Chloroform	7.502	83	68053	19.571	ug/l	Qvalue 92
47) Bromodichloromethane	9.490	83	11978	4.048	ug/l	98

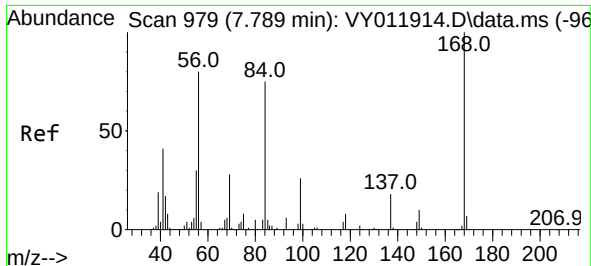
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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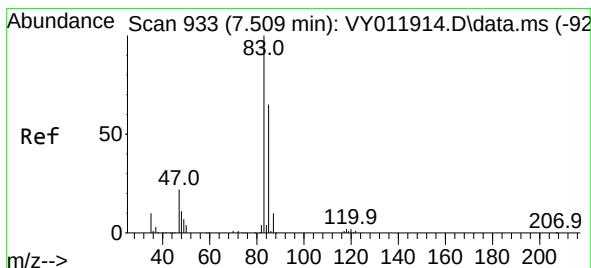
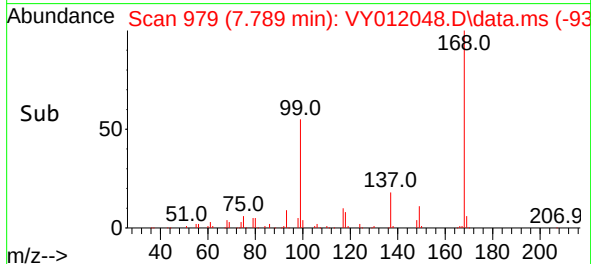
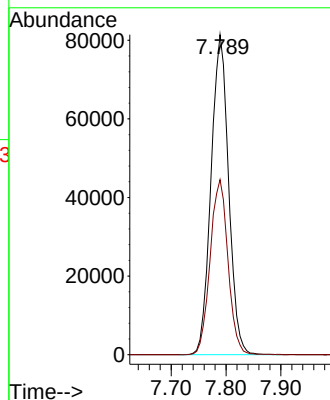
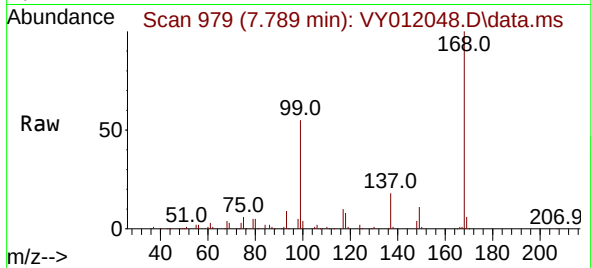




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012048.D
Acq: 03 Jan 2023 15:45

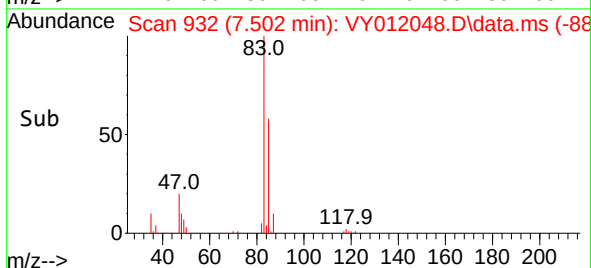
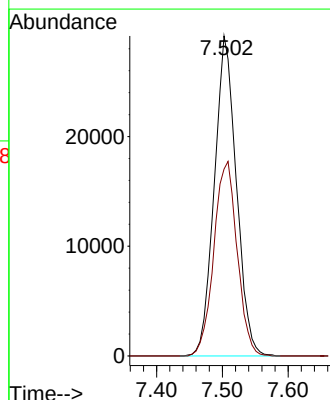
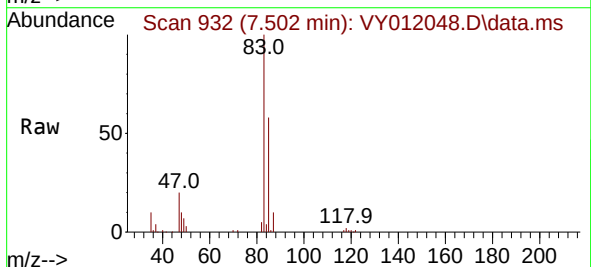
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

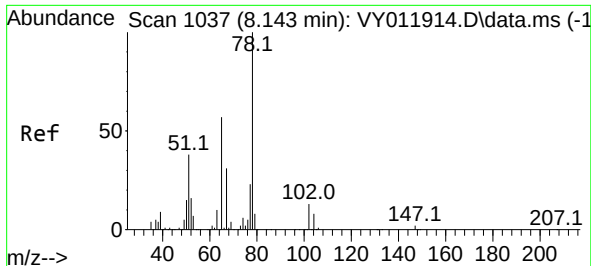
Tgt Ion:168 Resp: 180865
Ion Ratio Lower Upper
168 100
99 54.7 44.0 66.0



#30
Chloroform
Concen: 19.571 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.006 min
Lab File: VY012048.D
Acq: 03 Jan 2023 15:45

Tgt Ion: 83 Resp: 68053
Ion Ratio Lower Upper
83 100
85 58.4 51.5 77.3





#33

1,2-Dichloroethane-d4

Concen: 60.685 ug/l

RT: 8.143 min Scan# 110578

Delta R.T. -0.000 min

Lab File: VY012048.D

Acq: 03 Jan 2023 15:45

Instrument :

MSVOA_Y

ClientSampleId :

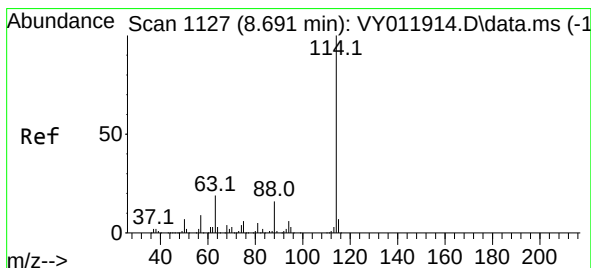
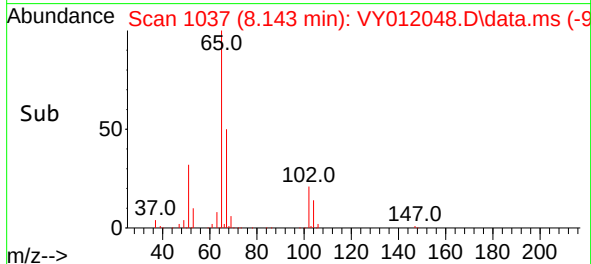
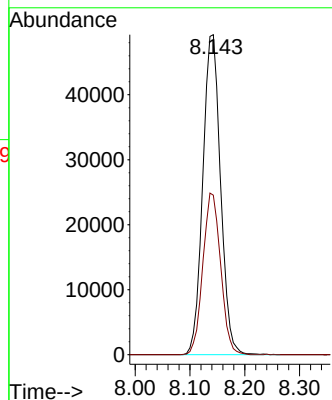
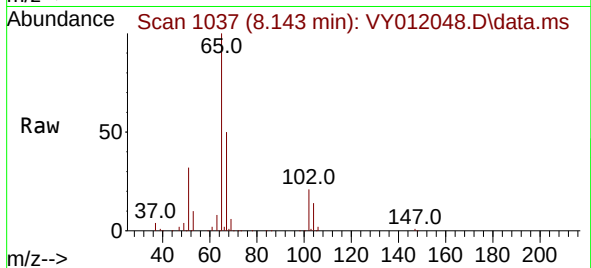
VIBLK

Tgt Ion: 65 Resp: 110578

Ion Ratio Lower Upper

65 100

67 50.6 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012048.D

Acq: 03 Jan 2023 15:45

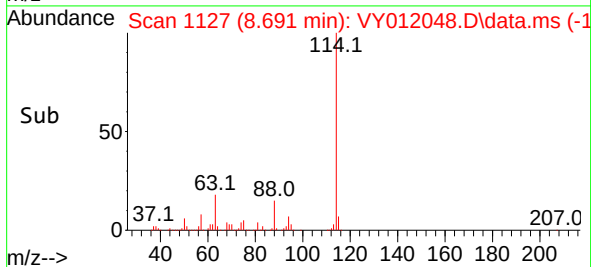
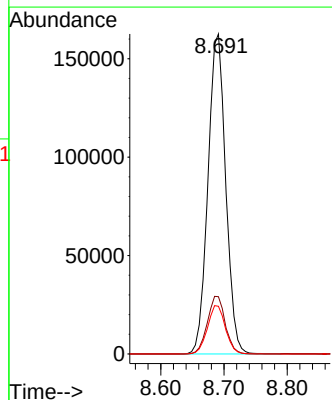
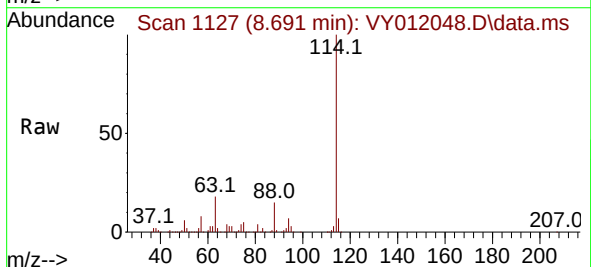
Tgt Ion:114 Resp: 317130

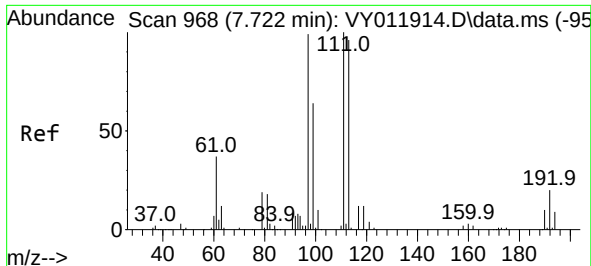
Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.6

88 14.9 0.0 32.2



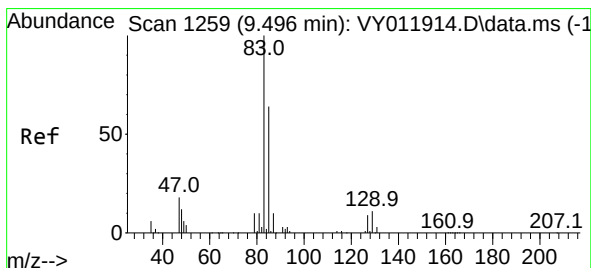
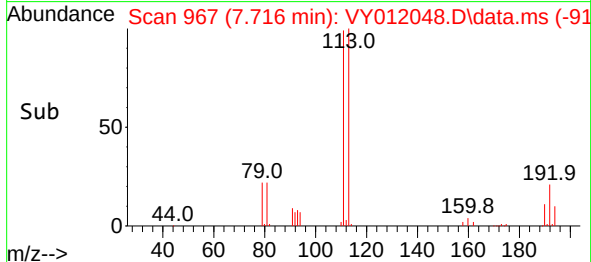
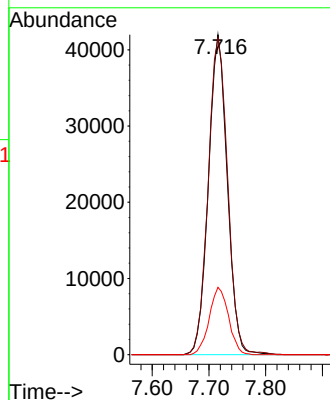
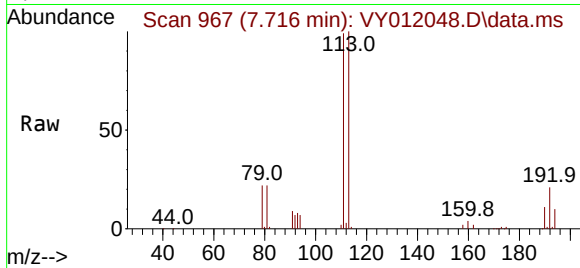


#35
 Dibromofluoromethane
 Concen: 50.787 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY012048.D
 Acq: 03 Jan 2023 15:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Tgt Ion:113 Resp: 96963

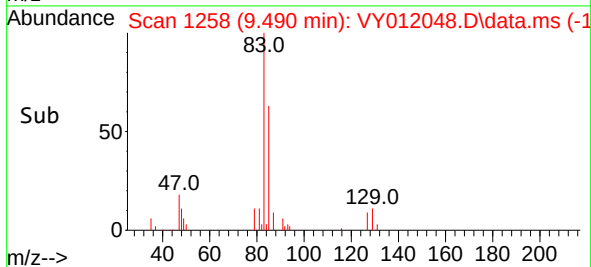
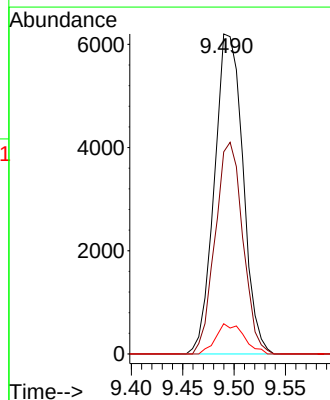
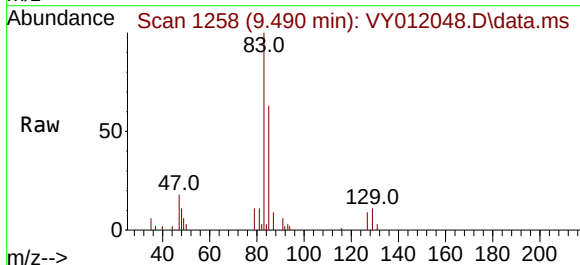
Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.0	124.4
192	21.6	16.0	24.0

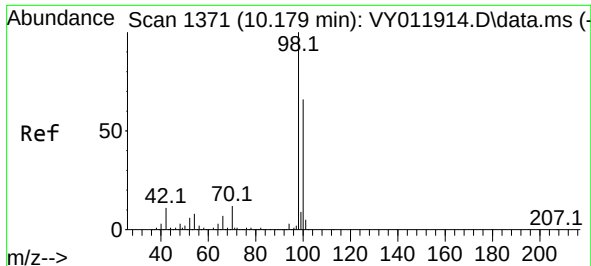


#47
 Bromodichloromethane
 Concen: 4.048 ug/l
 RT: 9.490 min Scan# 1258
 Delta R.T. -0.006 min
 Lab File: VY012048.D
 Acq: 03 Jan 2023 15:45

Tgt Ion: 83 Resp: 11978

Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.0	78.0
127	9.5	7.3	10.9

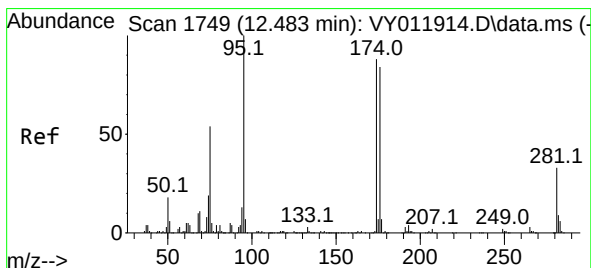
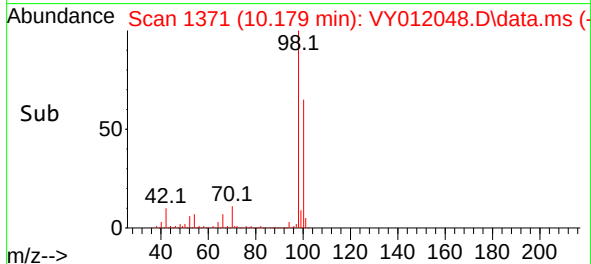
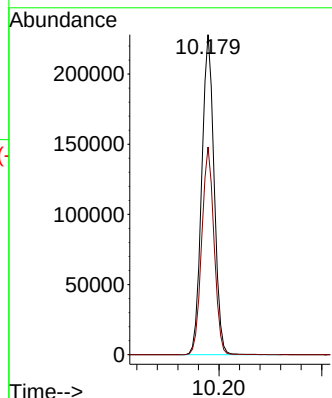
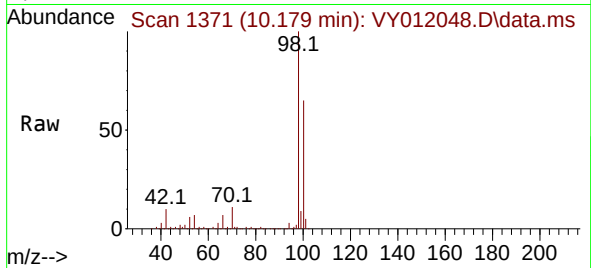




#50
Toluene-d8
Concen: 49.164 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012048.D
Acq: 03 Jan 2023 15:45

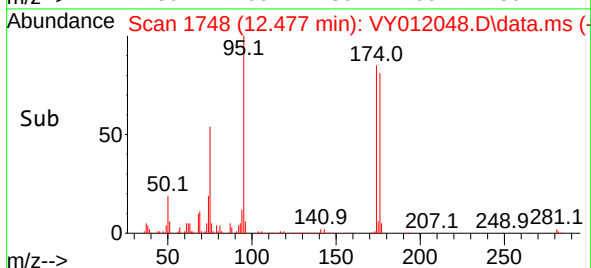
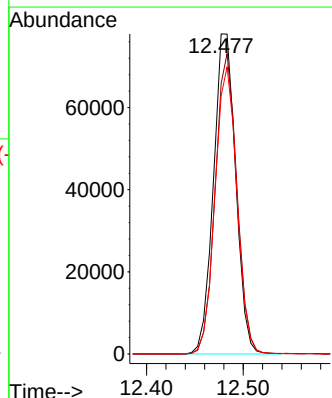
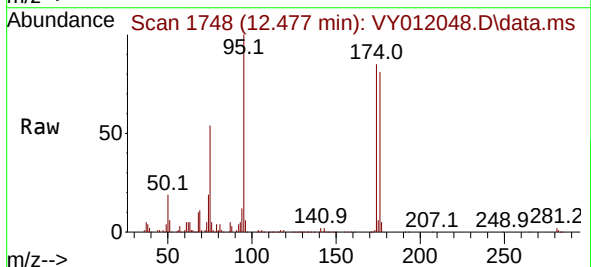
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

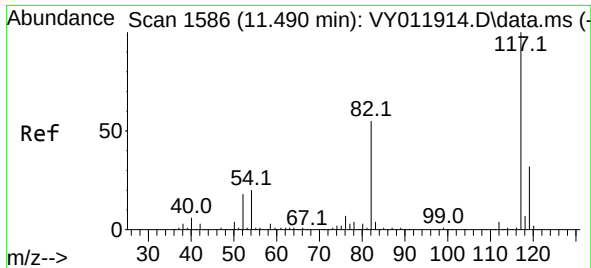
Tgt Ion: 98 Resp: 380831
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.770 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012048.D
Acq: 03 Jan 2023 15:45

Tgt Ion: 95 Resp: 124450
Ion Ratio Lower Upper
95 100
174 91.3 0.0 172.0
176 88.5 0.0 167.6

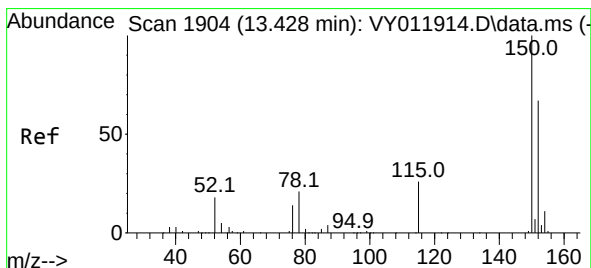
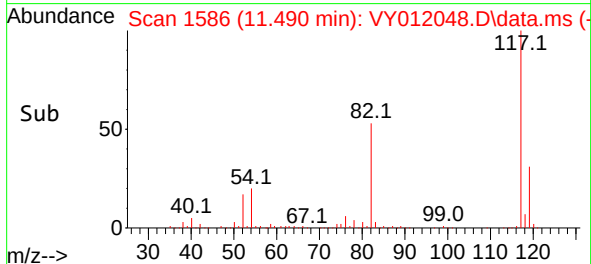
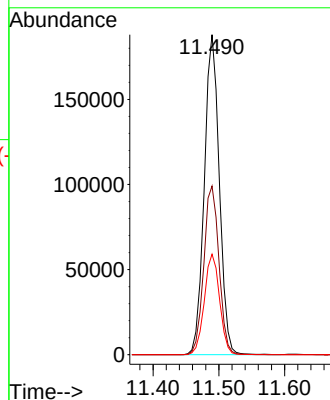
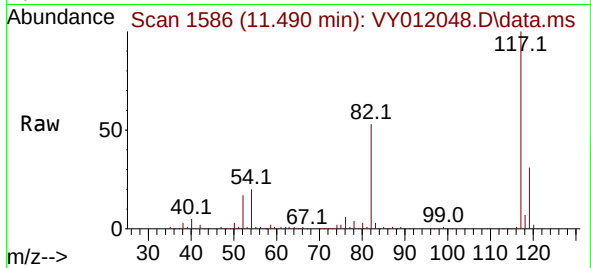




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012048.D
Acq: 03 Jan 2023 15:45

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 298193
Ion Ratio Lower Upper
117 100
82 52.7 44.8 67.2
119 31.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012048.D
Acq: 03 Jan 2023 15:45

Tgt Ion:152 Resp: 137736
Ion Ratio Lower Upper
152 100
115 57.5 29.1 87.3
150 158.2 0.0 342.6

