

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020923\
 Data File : VY012559.D
 Acq On : 09 Feb 2023 12:19
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Feb 10 05:56:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

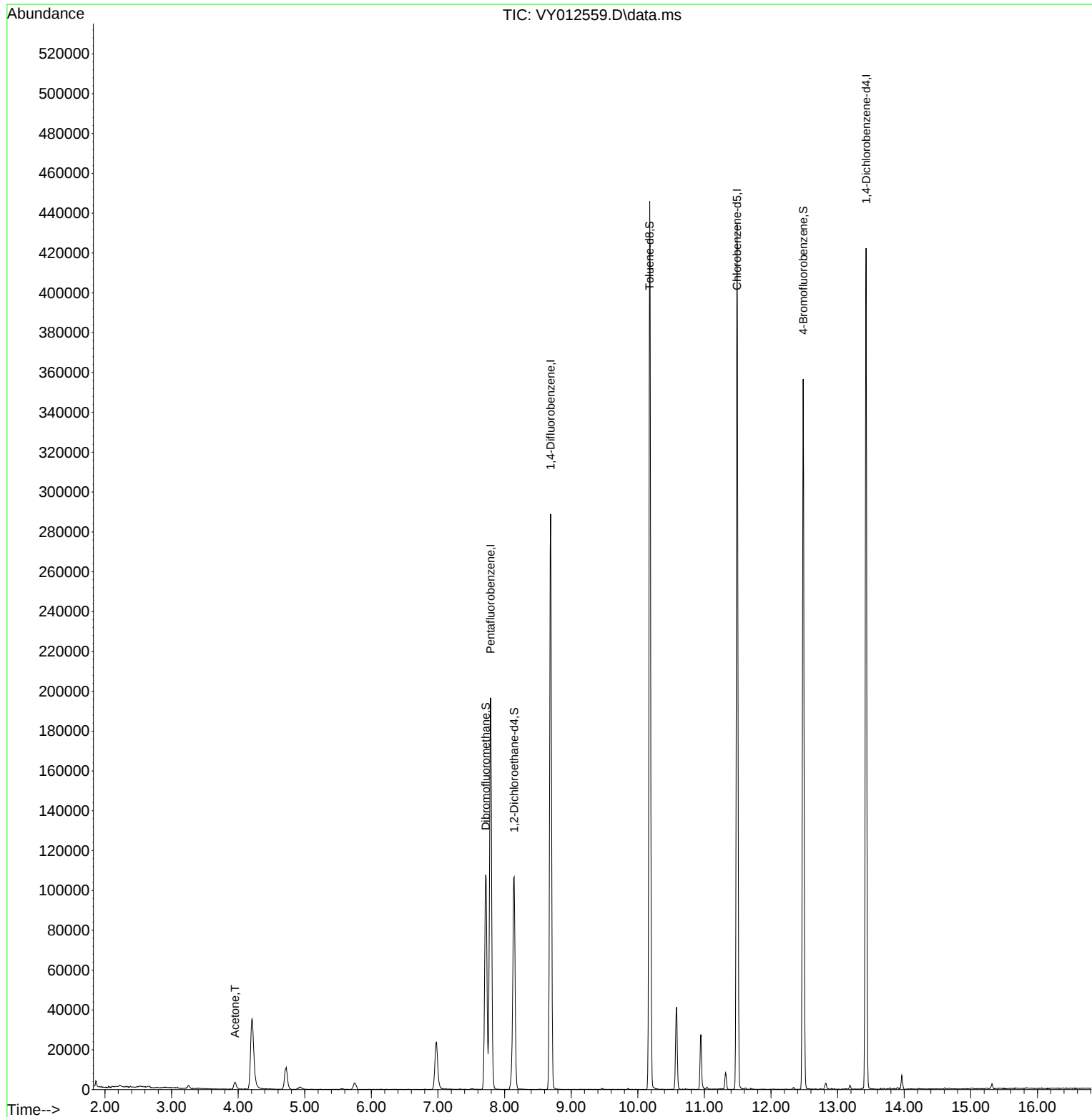
Internal Standards						
1) Pentafluorobenzene	7.789	168	154568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	257528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	245203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	88475	45.013	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.020%
35) Dibromofluoromethane	7.716	113	75569	40.293	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.580%
50) Toluene-d8	10.179	98	301055	38.566	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.140%
62) 4-Bromofluorobenzene	12.483	95	99290	36.465	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.940%
Target Compounds						
16) Acetone	3.954	43	6259	13.231	ug/l	Qvalue 93

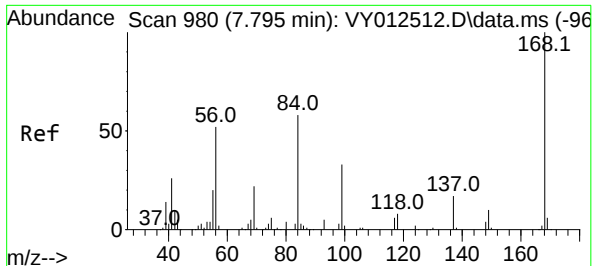
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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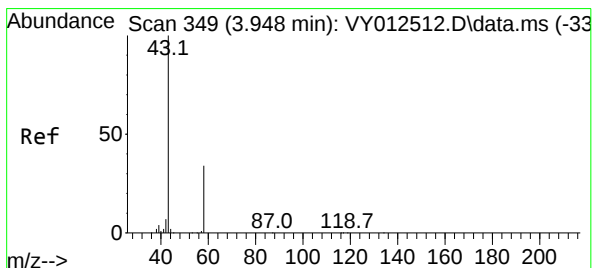
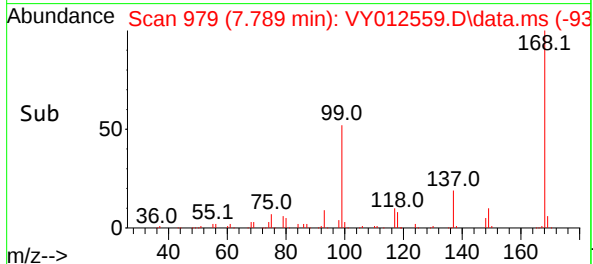
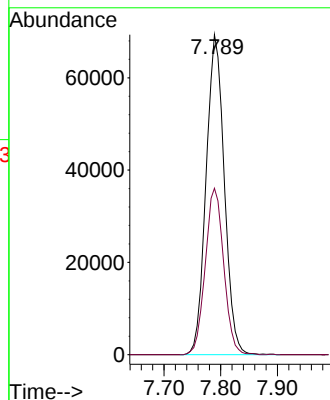
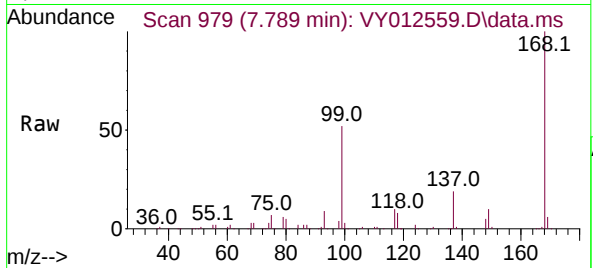




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012559.D
Acq: 09 Feb 2023 12:19

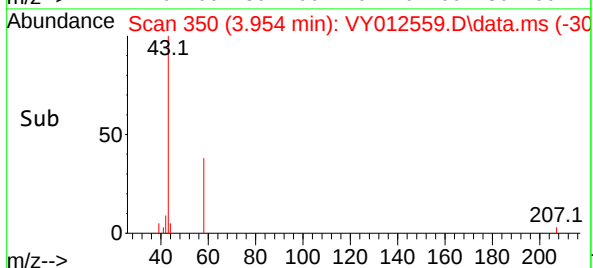
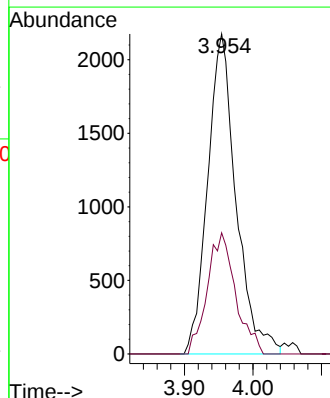
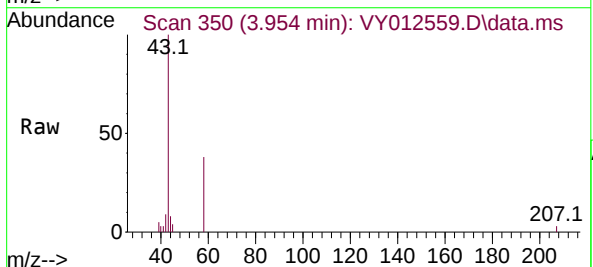
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

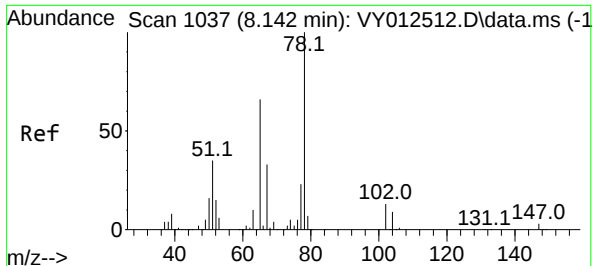
Tgt Ion:168 Resp: 154568
Ion Ratio Lower Upper
168 100
99 52.0 40.8 61.2



#16
Acetone
Concen: 13.231 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY012559.D
Acq: 09 Feb 2023 12:19

Tgt Ion: 43 Resp: 6259
Ion Ratio Lower Upper
43 100
58 37.8 27.1 40.7





#33

1,2-Dichloroethane-d4

Concen: 45.013 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY012559.D

Acq: 09 Feb 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

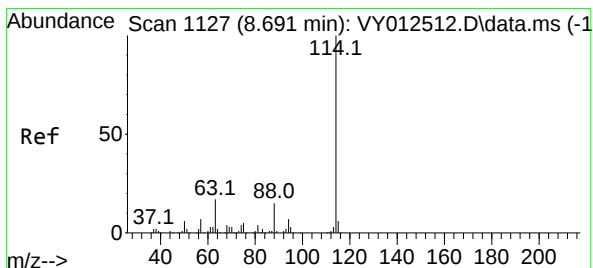
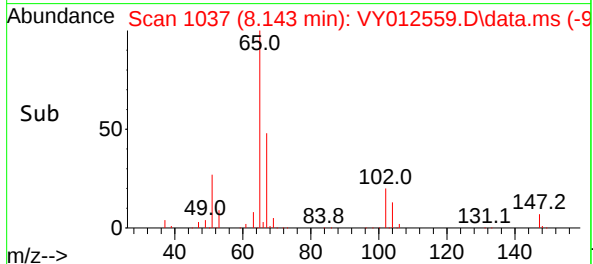
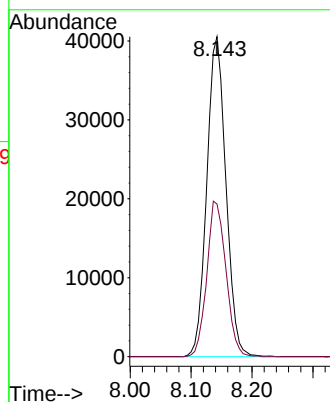
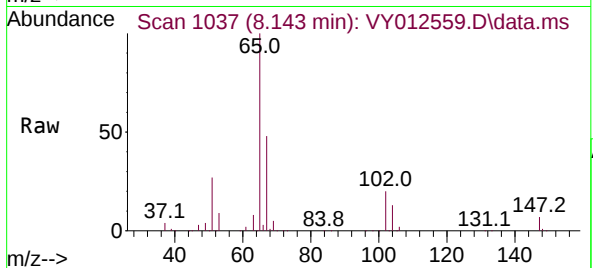
VIBLK

Tgt Ion: 65 Resp: 88475

Ion Ratio Lower Upper

65 100

67 48.6 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012559.D

Acq: 09 Feb 2023 12:19

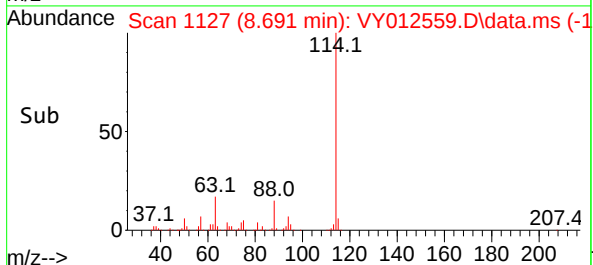
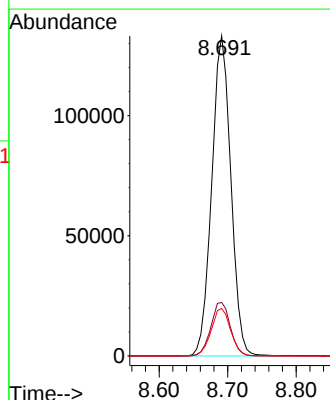
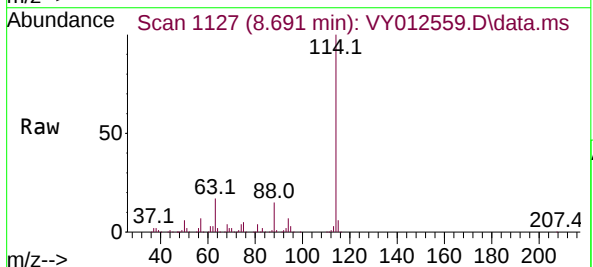
Tgt Ion: 114 Resp: 257528

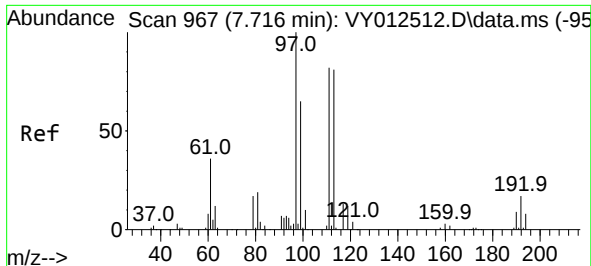
Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.6

88 14.9 0.0 29.8

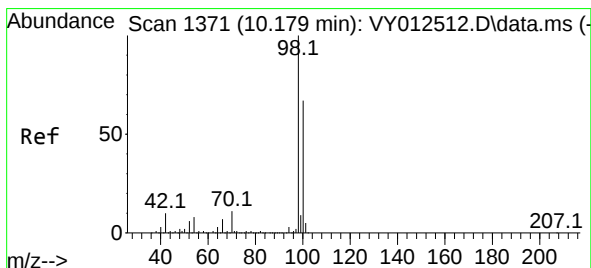
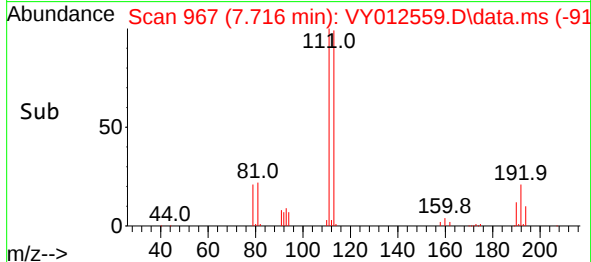
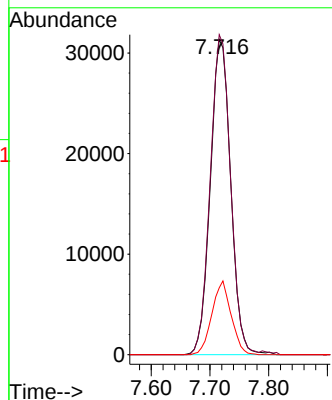
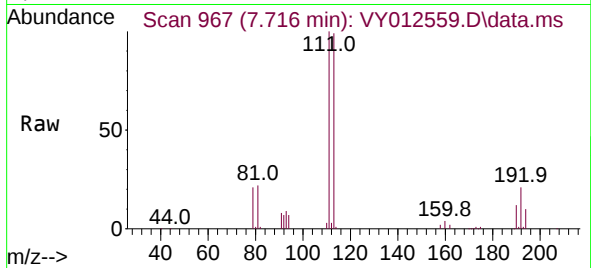




#35
Dibromofluoromethane
Concen: 40.293 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY012559.D
Acq: 09 Feb 2023 12:19

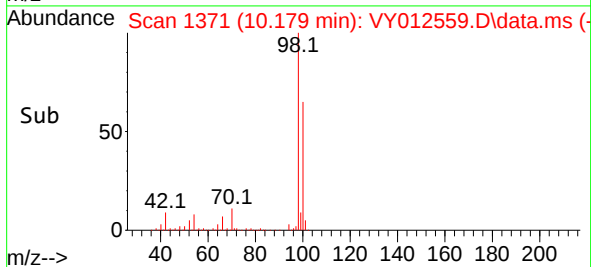
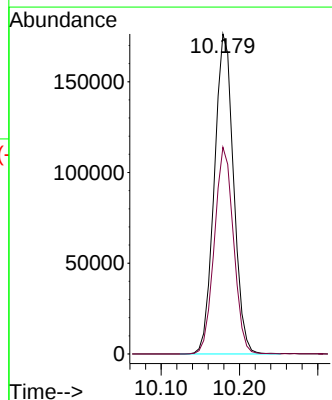
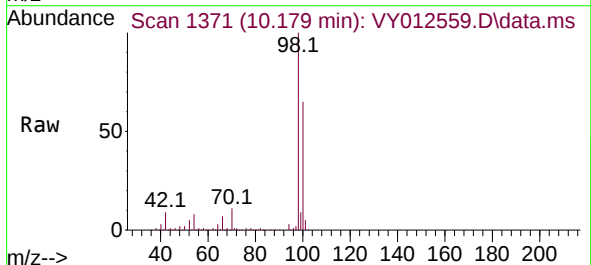
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

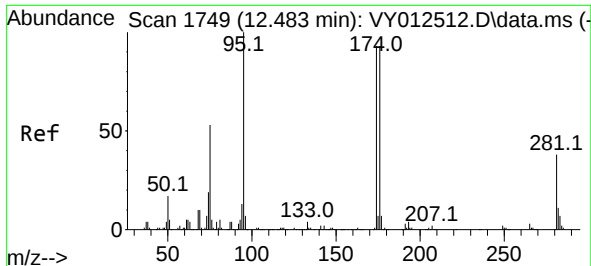
Tgt Ion:113 Resp: 75569
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 22.1 17.5 26.3



#50
Toluene-d8
Concen: 38.566 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012559.D
Acq: 09 Feb 2023 12:19

Tgt Ion: 98 Resp: 301055
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2

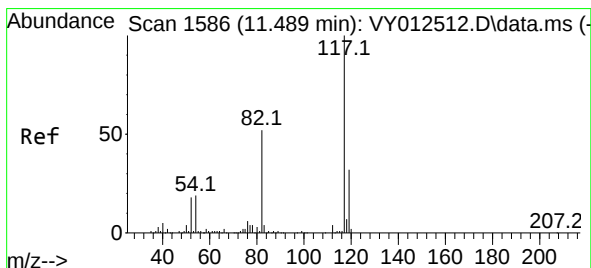
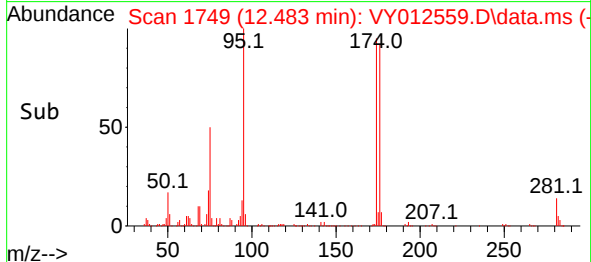
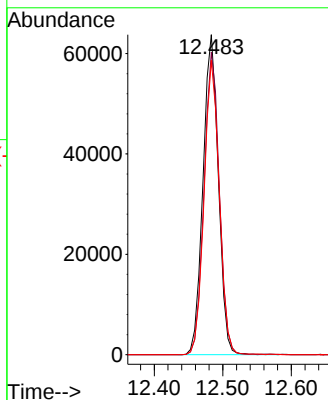
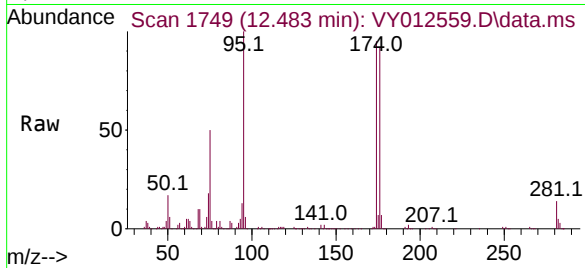




#62
4-Bromofluorobenzene
Concen: 36.465 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012559.D
Acq: 09 Feb 2023 12:19

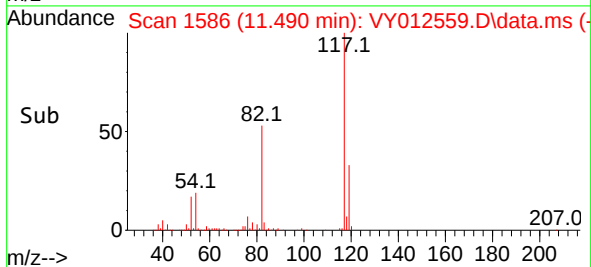
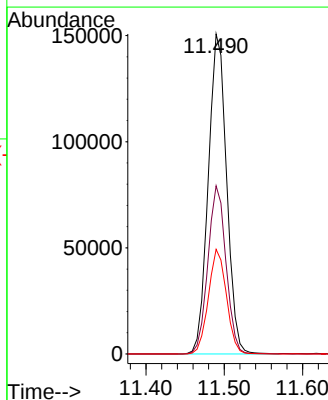
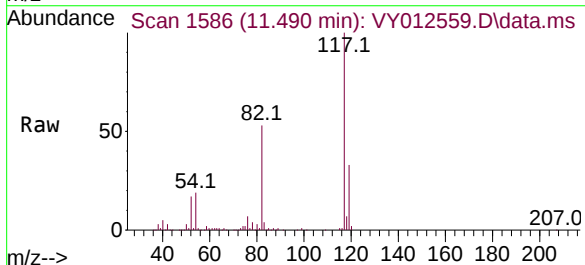
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

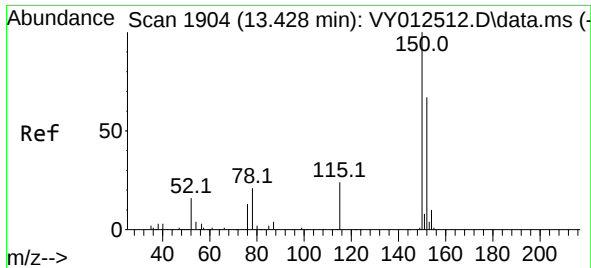
Tgt Ion: 95 Resp: 99290
Ion Ratio Lower Upper
95 100
174 94.6 0.0 188.0
176 91.2 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012559.D
Acq: 09 Feb 2023 12:19

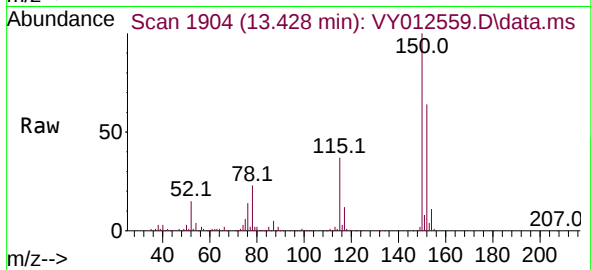
Tgt Ion: 117 Resp: 245203
Ion Ratio Lower Upper
117 100
82 52.6 41.7 62.5
119 32.7 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY012559.D
 Acq: 09 Feb 2023 12:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK



Tgt Ion:152 Resp: 112600
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.1 84.3
 150 157.7 0.0 351.0

