

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010099.D
 Acq On : 19 Aug 2022 12:52
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Aug 22 02:37:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	177627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	316259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	297118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	136148	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	97295	66.873	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.740%
35) Dibromofluoromethane	7.710	113	98869	55.480	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.960%
50) Toluene-d8	10.173	98	374511	56.085	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.180%
62) 4-Bromofluorobenzene	12.477	95	121494	50.923	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.840%

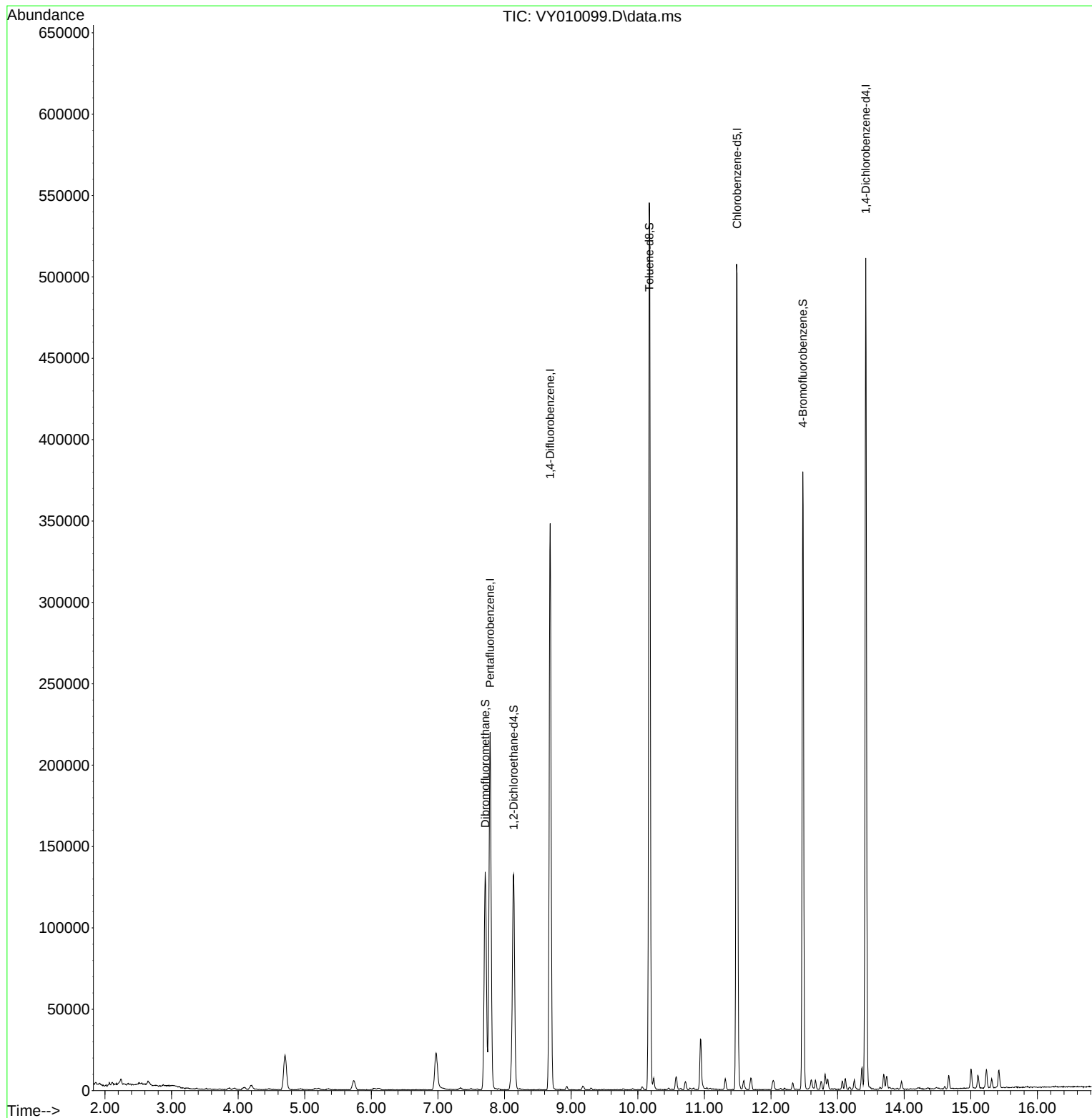
Target Compounds	Qvalue

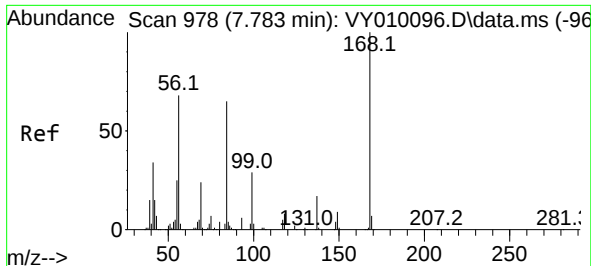
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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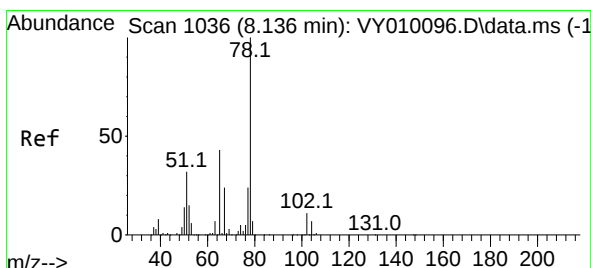
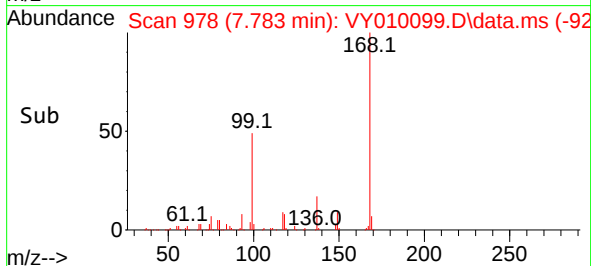
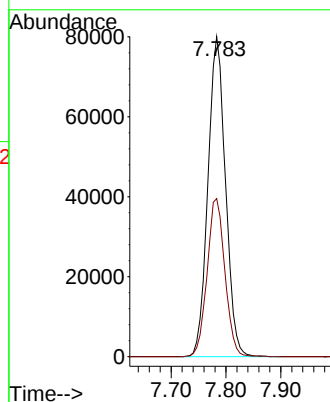
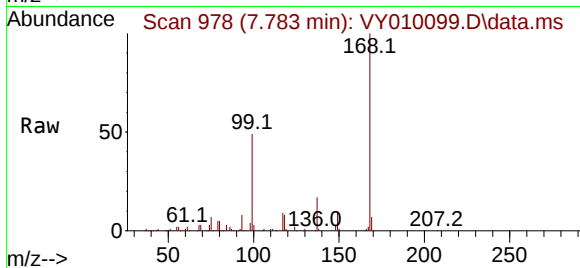




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010099.D
Acq: 19 Aug 2022 12:52

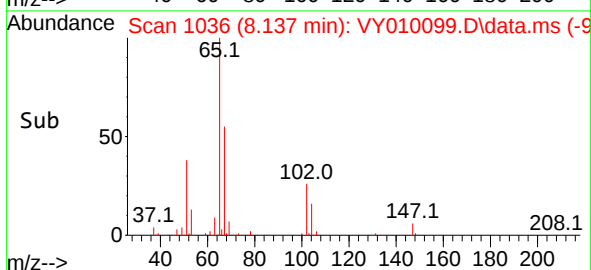
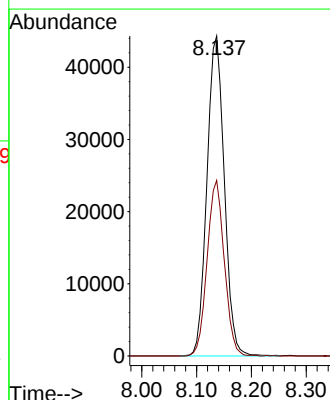
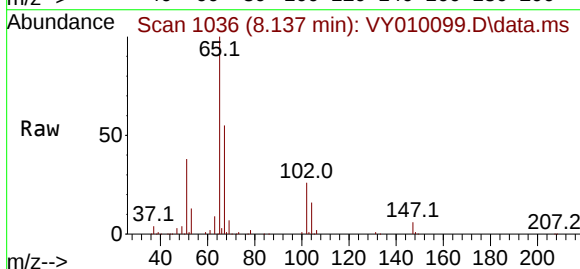
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

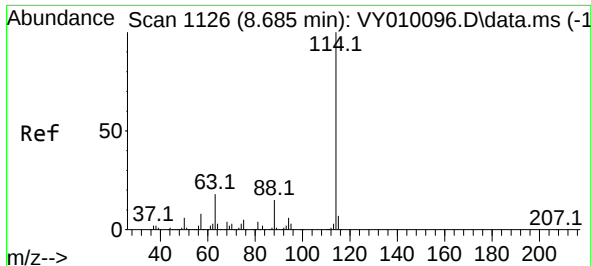
Tgt Ion:168 Resp: 177627
Ion Ratio Lower Upper
168 100
99 49.4 40.7 61.1



#33
1,2-Dichloroethane-d4
Concen: 66.873 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010099.D
Acq: 19 Aug 2022 12:52

Tgt Ion: 65 Resp: 97295
Ion Ratio Lower Upper
65 100
67 54.3 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010099.D

Acq: 19 Aug 2022 12:52

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

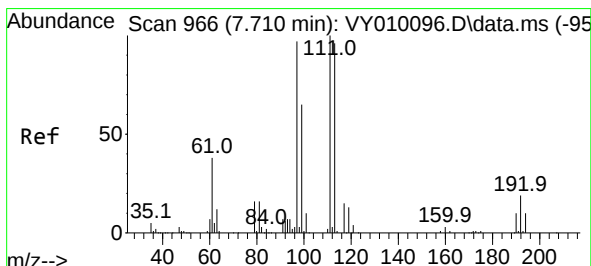
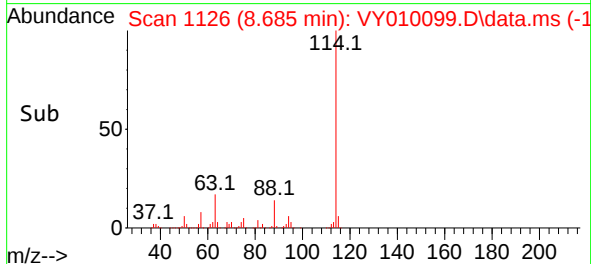
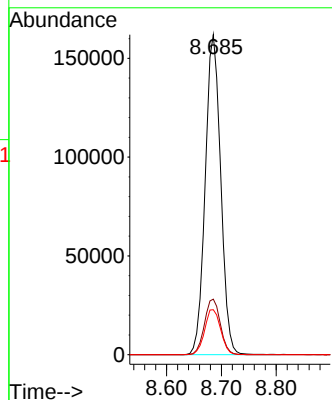
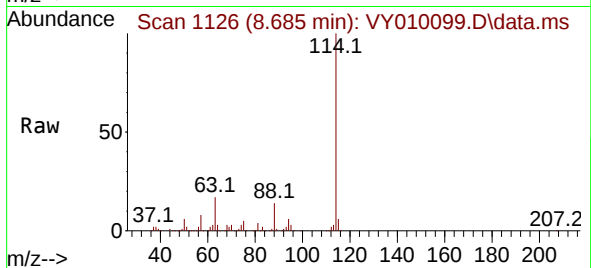
Tgt Ion:114 Resp: 316259

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.6

88 14.1 0.0 29.6



#35

Dibromofluoromethane

Concen: 55.480 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010099.D

Acq: 19 Aug 2022 12:52

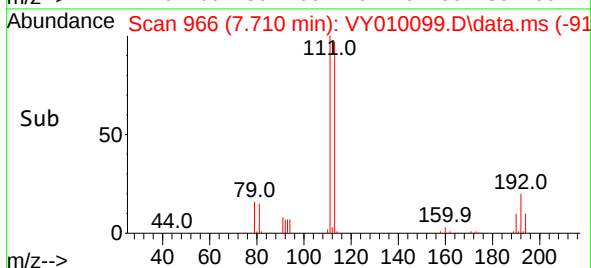
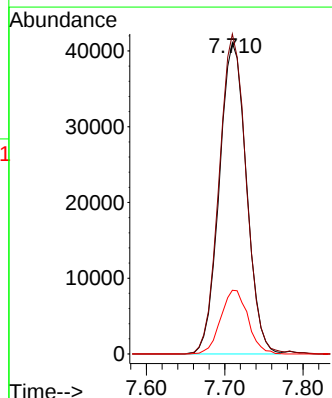
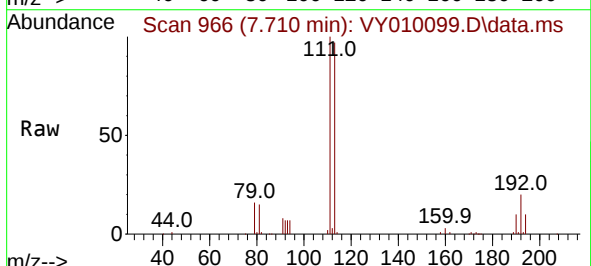
Tgt Ion:113 Resp: 98869

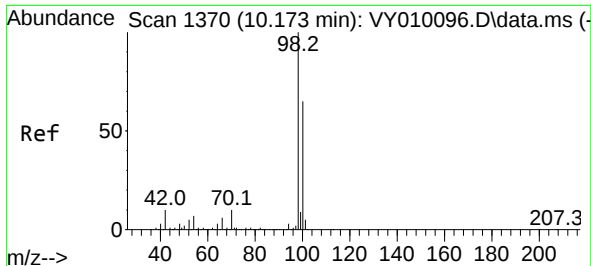
Ion Ratio Lower Upper

113 100

111 102.8 82.8 124.2

192 20.6 16.3 24.5

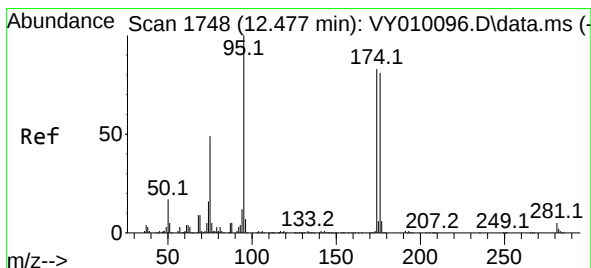
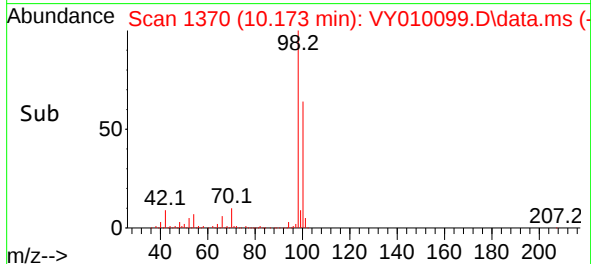
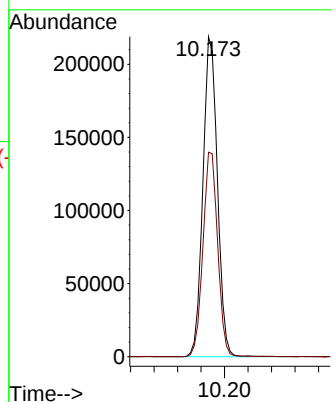
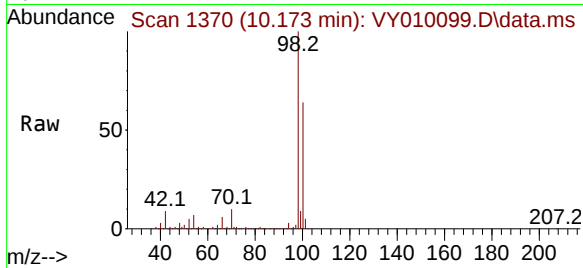




#50
Toluene-d8
Concen: 56.085 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY010099.D
Acq: 19 Aug 2022 12:52

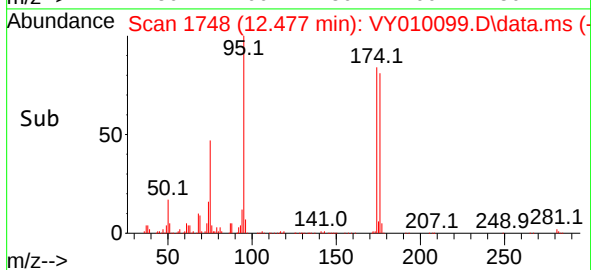
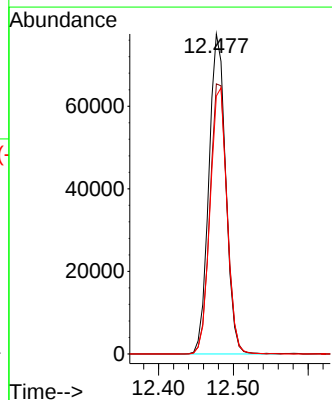
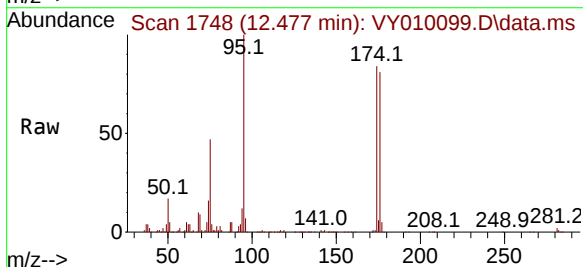
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

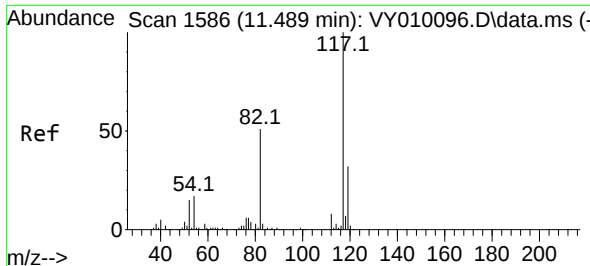
Tgt Ion: 98 Resp: 374511
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.923 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010099.D
Acq: 19 Aug 2022 12:52

Tgt Ion: 95 Resp: 121494
Ion Ratio Lower Upper
95 100
174 85.9 0.0 173.8
176 83.4 0.0 167.2

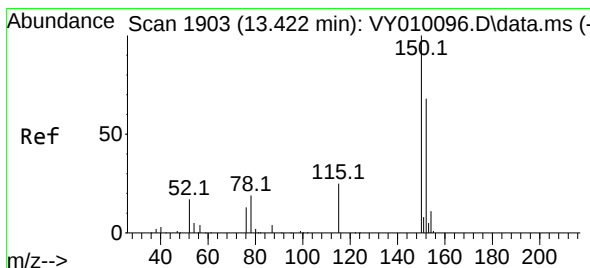
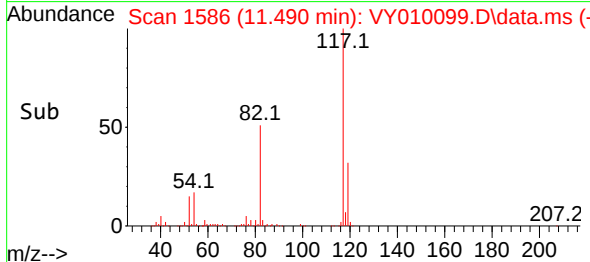
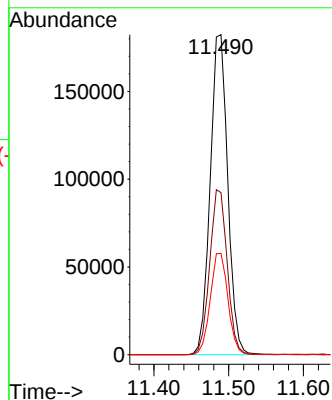
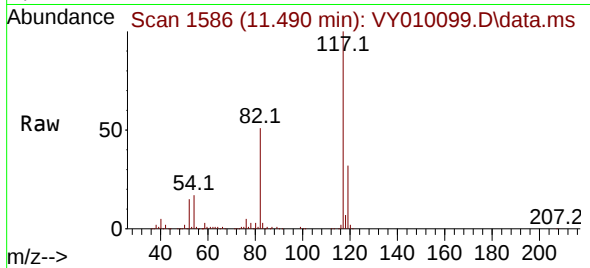




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010099.D
Acq: 19 Aug 2022 12:52

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 297118
Ion Ratio Lower Upper
117 100
82 50.6 40.6 61.0
119 31.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010099.D
Acq: 19 Aug 2022 12:52

Tgt Ion:152 Resp: 136148
Ion Ratio Lower Upper
152 100
115 55.7 28.1 84.2
150 157.3 0.0 346.2

