

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021422\
 Data File : VY007493.D
 Acq On : 14 Feb 2022 13:39
 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: Feb 15 03:46:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 03:43:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	109461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	204483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	193168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80371	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	63631	53.008	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.020%
35) Dibromofluoromethane	7.722	113	64812	50.266	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.540%
50) Toluene-d8	10.185	98	246373	50.267	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.540%
62) 4-Bromofluorobenzene	12.483	95	86072	51.477	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.960%

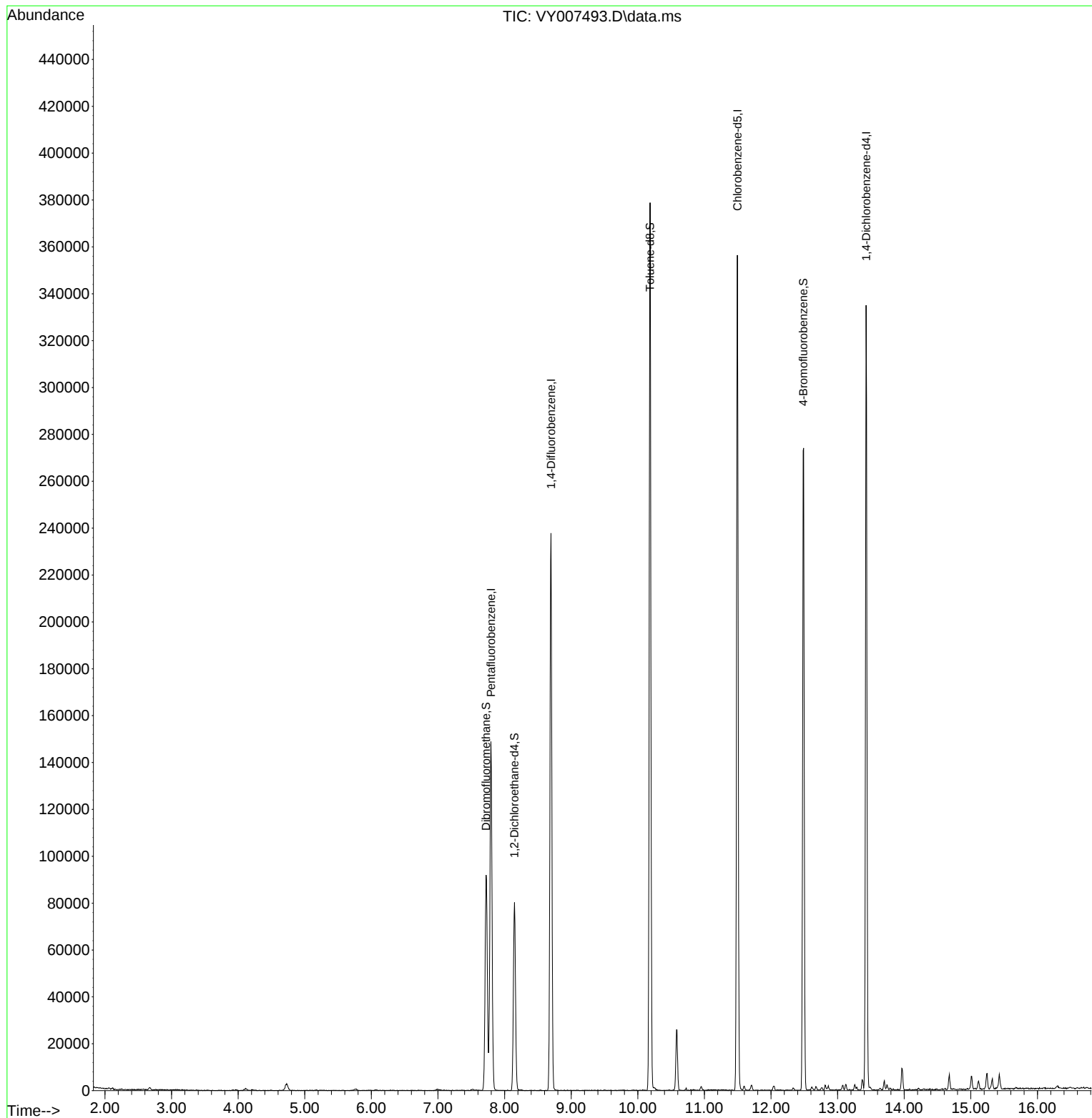
Target Compounds	Qvalue

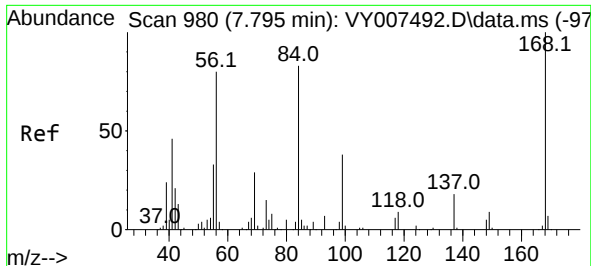
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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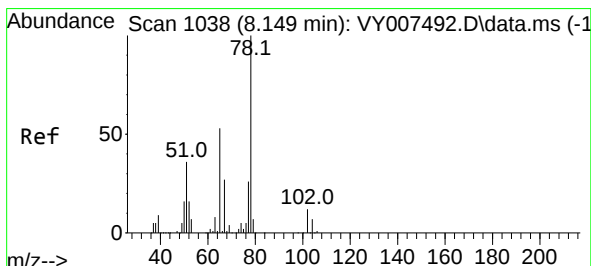
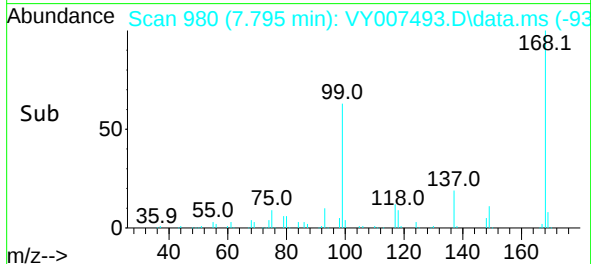
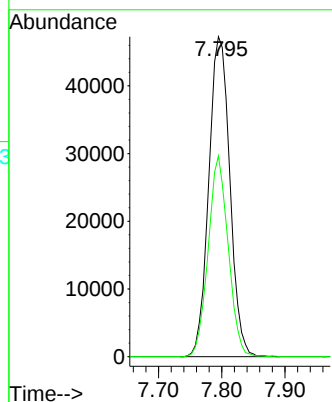
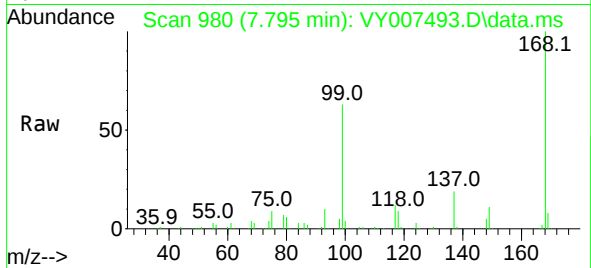




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007493.D
Acq: 14 Feb 2022 13:39

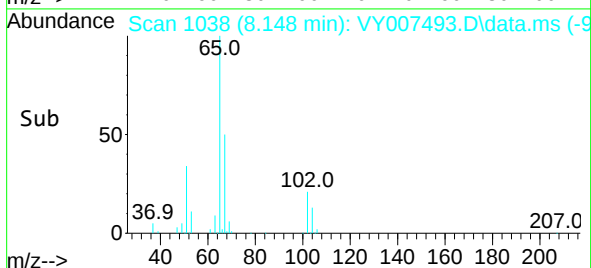
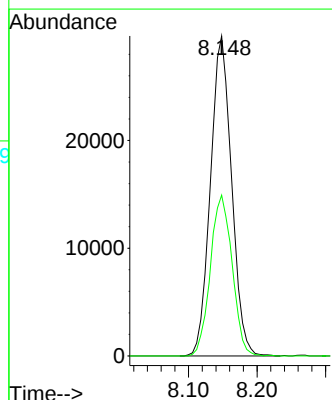
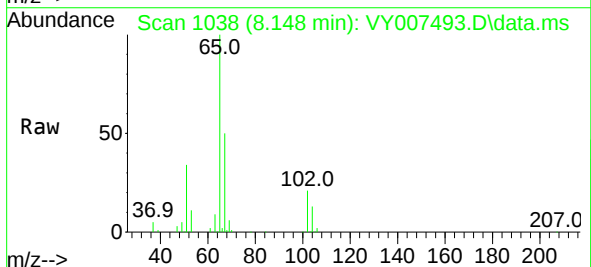
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

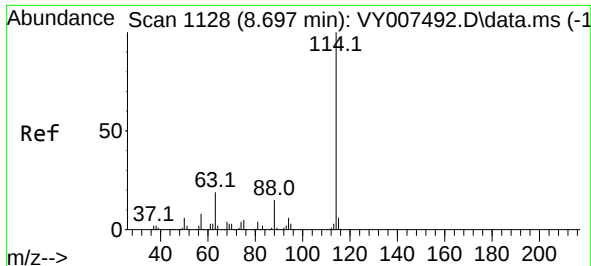
Tgt Ion:168 Resp: 109461
Ion Ratio Lower Upper
168 100
99 62.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.008 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.005 min
Lab File: VY007493.D
Acq: 14 Feb 2022 13:39

Tgt Ion: 65 Resp: 63631
Ion Ratio Lower Upper
65 100
67 51.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY007493.D

Acq: 14 Feb 2022 13:39

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

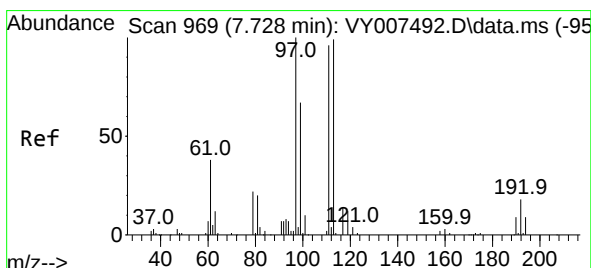
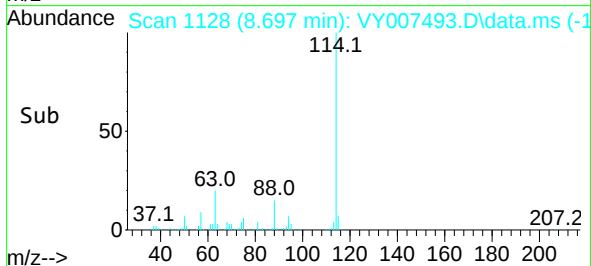
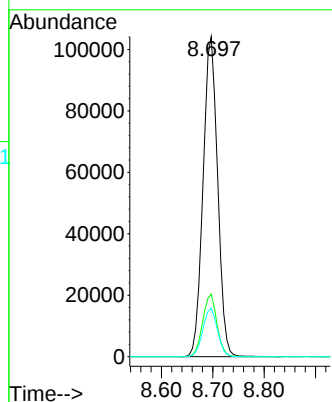
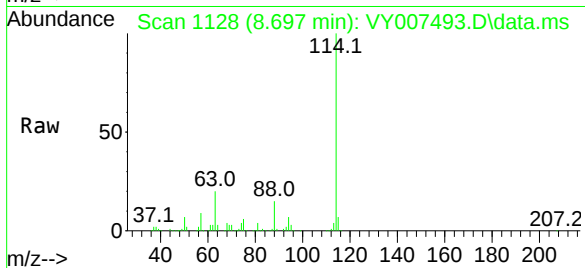
Tgt Ion:114 Resp: 204483

Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.266 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY007493.D

Acq: 14 Feb 2022 13:39

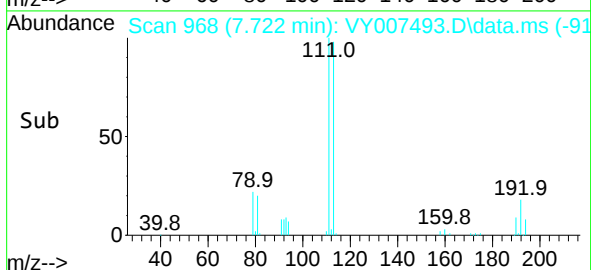
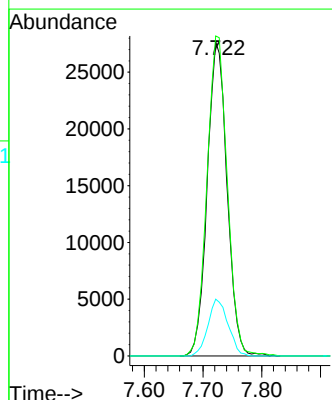
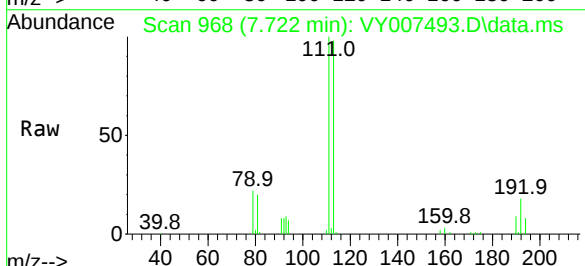
Tgt Ion:113 Resp: 64812

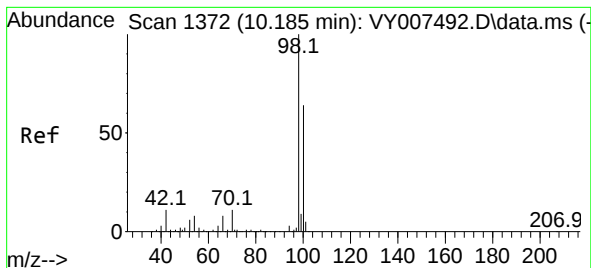
Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 18.4 17.6 26.4





#50

Toluene-d8

Concen: 50.267 ug/l

RT: 10.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY007493.D

Acq: 14 Feb 2022 13:39

Instrument :

MSVOA_Y

ClientSampleId :

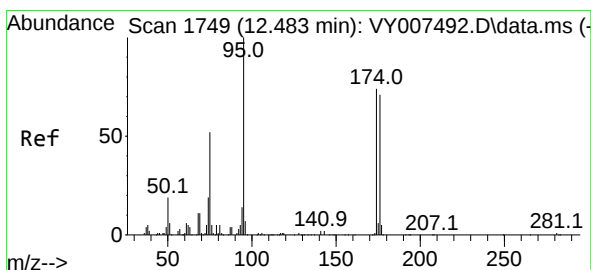
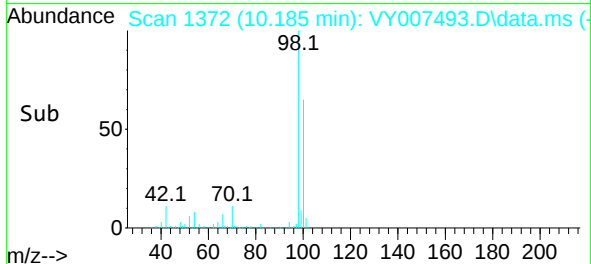
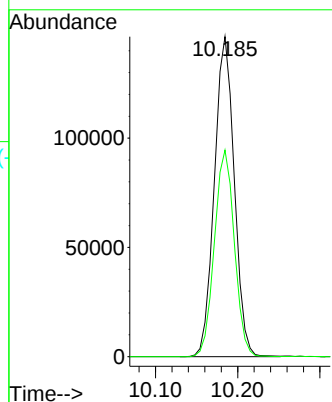
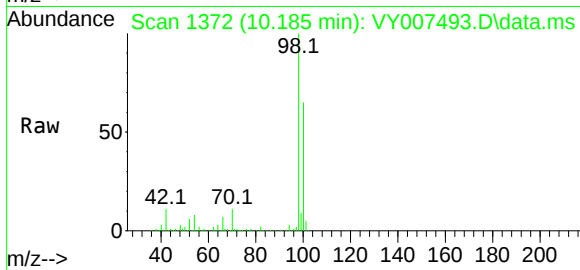
VIBLK

Tgt Ion: 98 Resp: 246373

Ion Ratio Lower Upper

98 100

100 64.8 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 51.477 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY007493.D

Acq: 14 Feb 2022 13:39

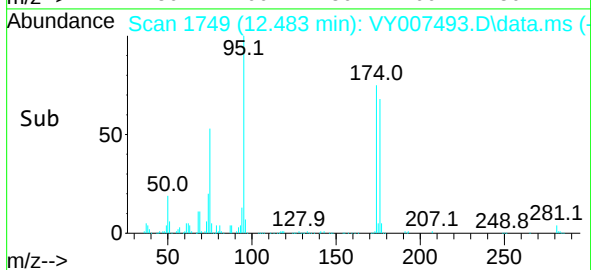
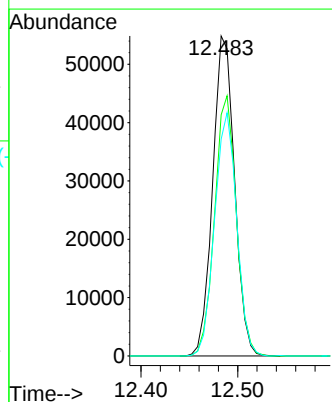
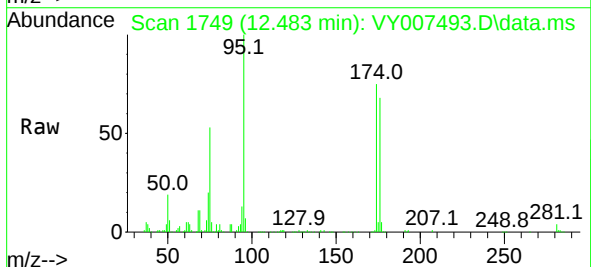
Tgt Ion: 95 Resp: 86072

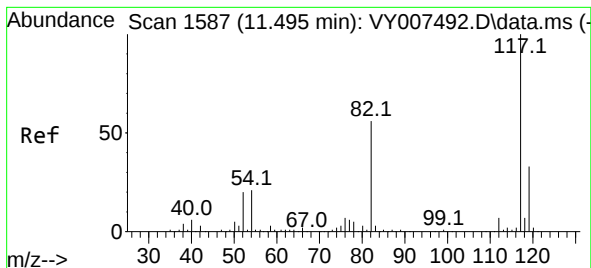
Ion Ratio Lower Upper

95 100

174 80.5 0.0 177.0

176 76.9 0.0 175.8

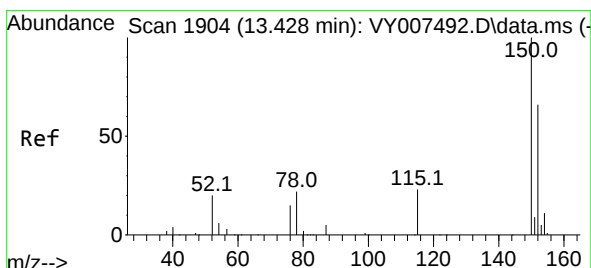
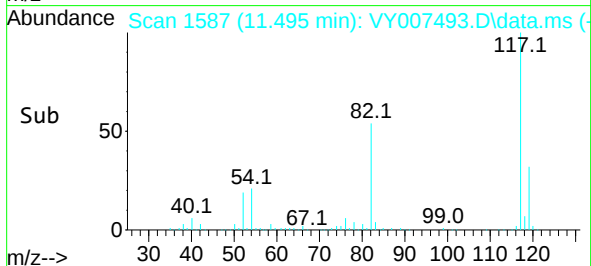
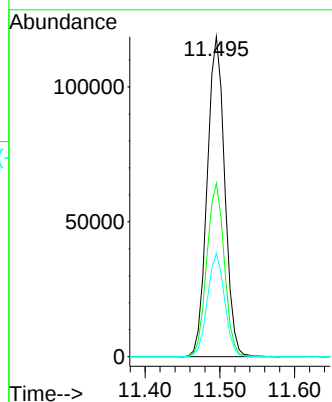
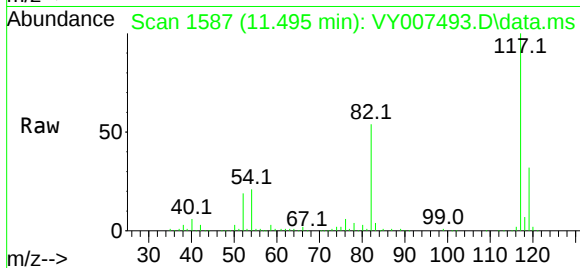




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007493.D
Acq: 14 Feb 2022 13:39

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 193168
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007493.D
Acq: 14 Feb 2022 13:39

Tgt Ion:152 Resp: 80371
Ion Ratio Lower Upper
152 100
115 62.3 28.2 84.7
150 160.2 0.0 347.6

