

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101822\
 Data File : VY010991.D
 Acq On : 18 Oct 2022 13:21
 Operator : KP/MD
 Sample : N5149-10
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-RW5-GW-903-905

Quant Time: Oct 18 17:03:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	250869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	411309	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	343713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	104462	45.205	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.400%
35) Dibromofluoromethane	7.716	113	110573	48.147	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.300%
50) Toluene-d8	10.179	98	393378	45.805	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.600%
62) 4-Bromofluorobenzene	12.483	95	122903	39.771	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.540%

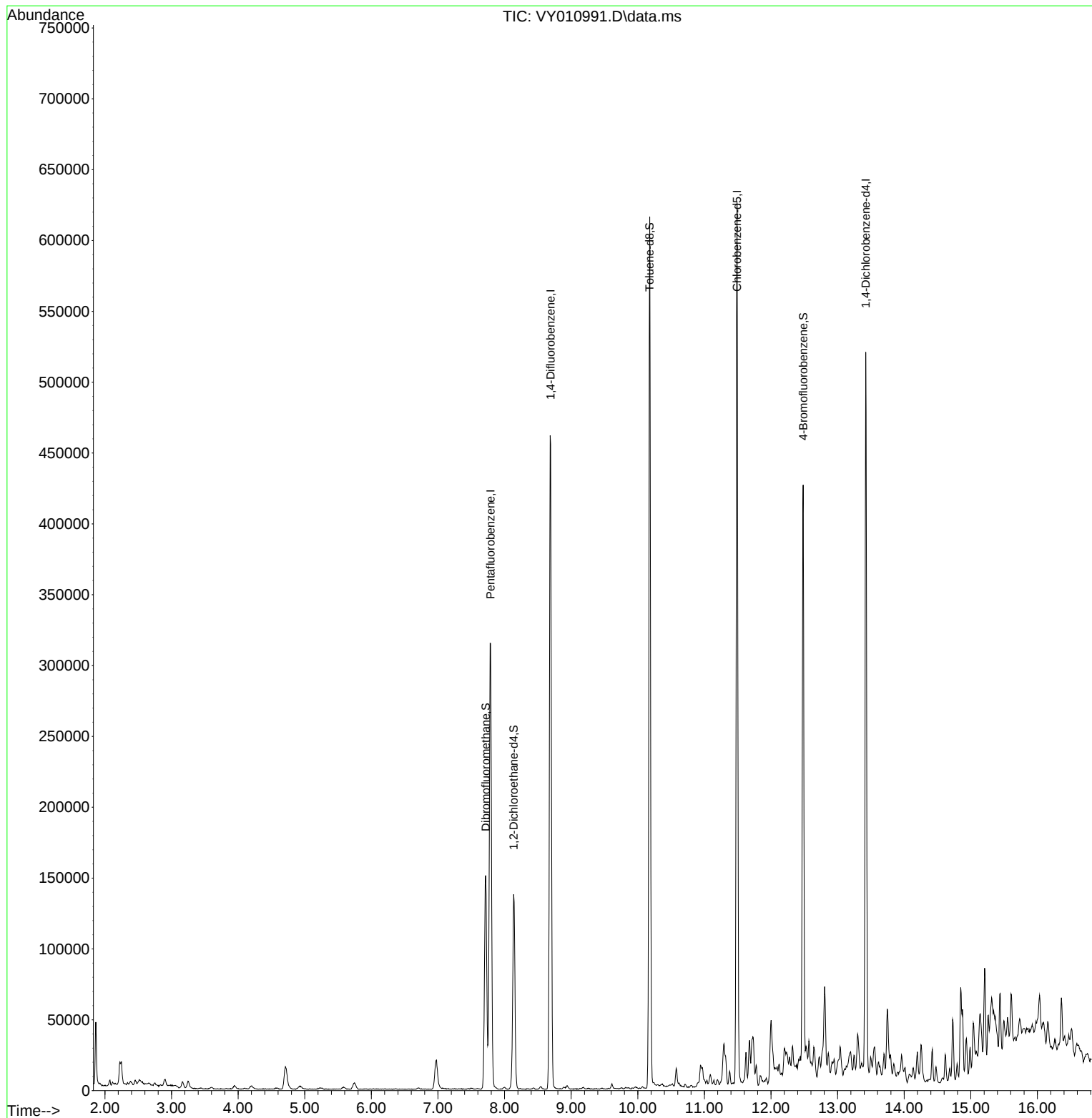
Target Compounds	Qvalue

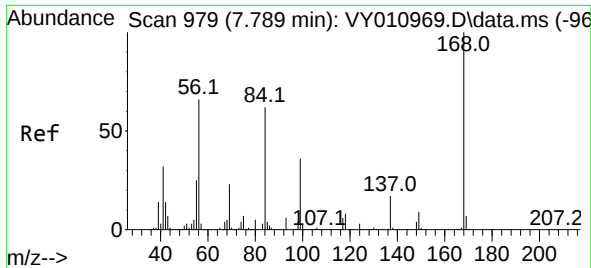
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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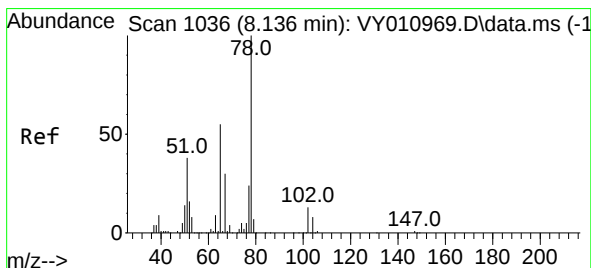
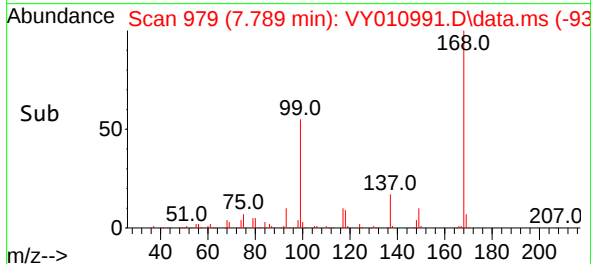
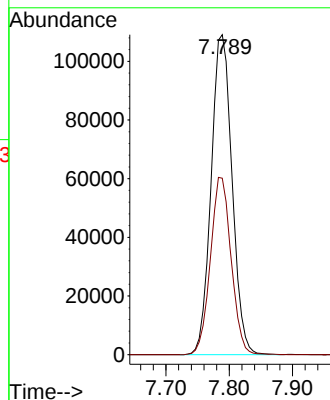
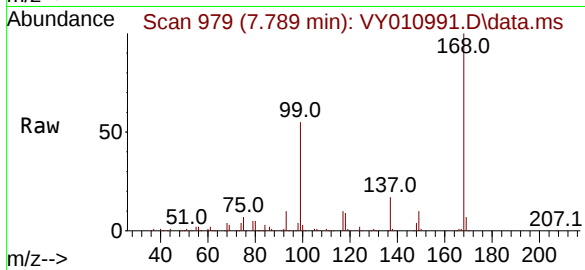




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010991.D
Acq: 18 Oct 2022 13:21

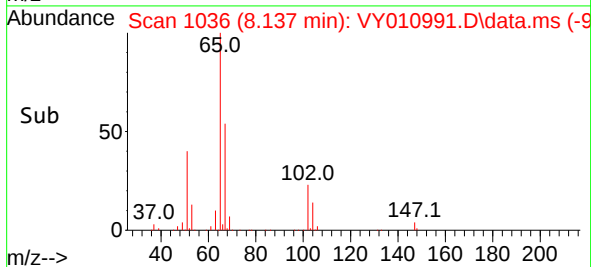
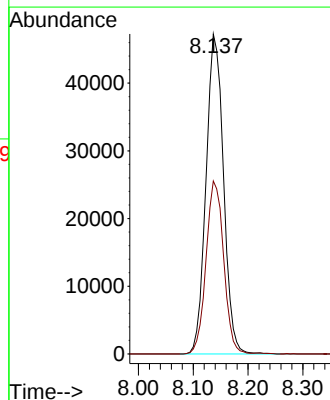
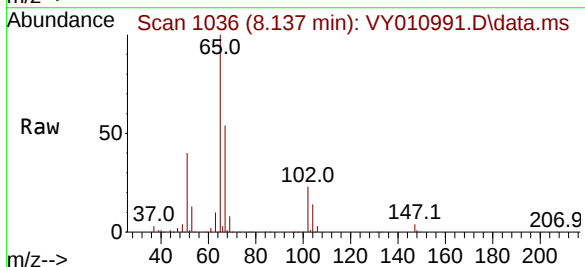
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW5-GW-903-905

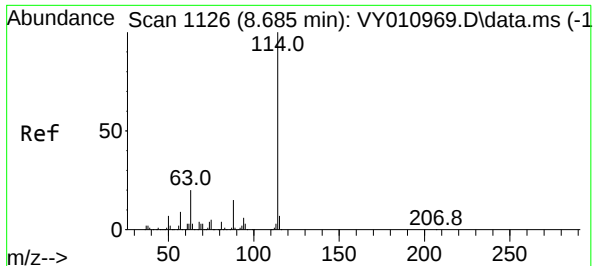
Tgt Ion:168 Resp: 250869
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 45.205 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010991.D
Acq: 18 Oct 2022 13:21

Tgt Ion: 65 Resp: 104462
Ion Ratio Lower Upper
65 100
67 54.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY010991.D

Acq: 18 Oct 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-RW5-GW-903-905

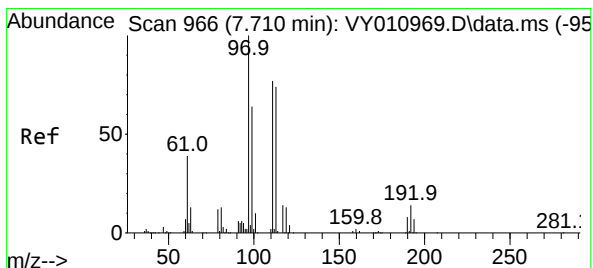
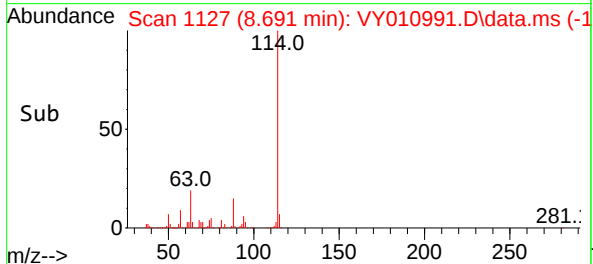
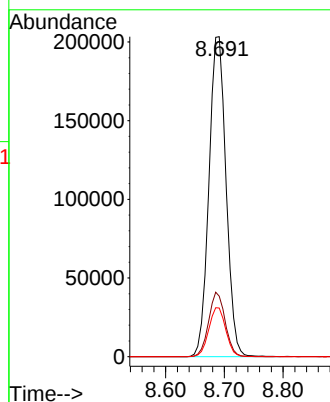
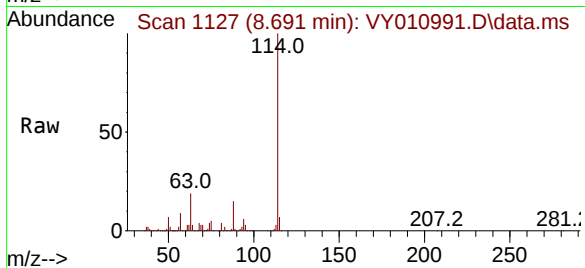
Tgt Ion:114 Resp: 411309

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.147 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010991.D

Acq: 18 Oct 2022 13:21

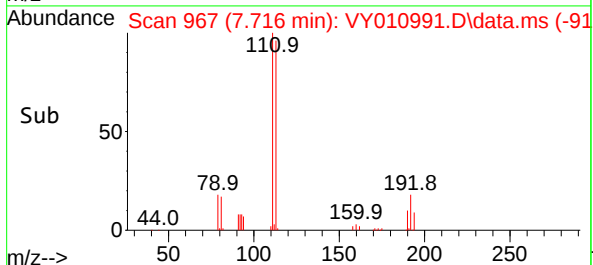
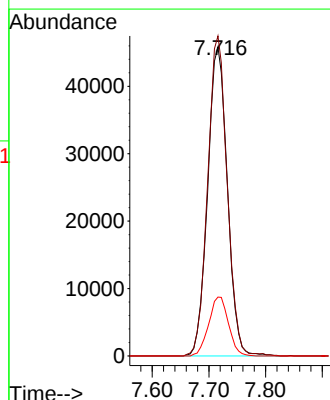
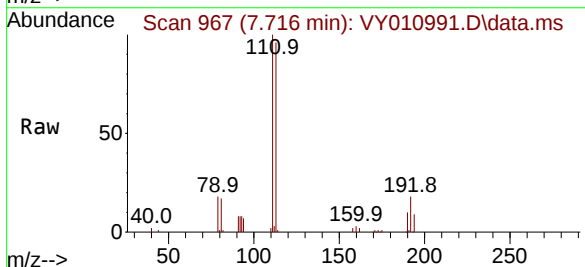
Tgt Ion:113 Resp: 110573

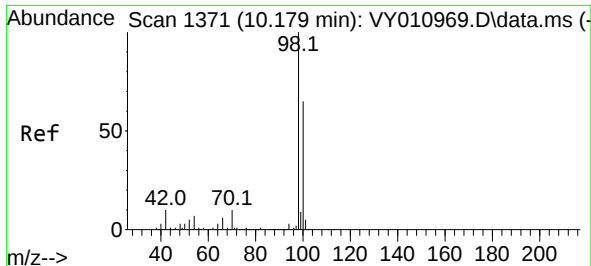
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 19.2 17.6 26.4

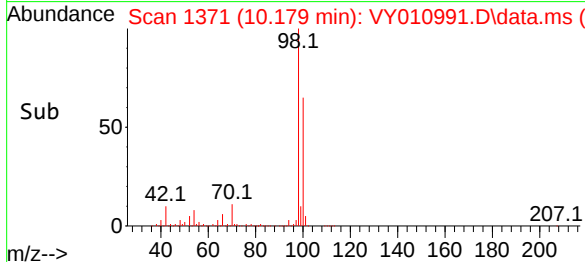
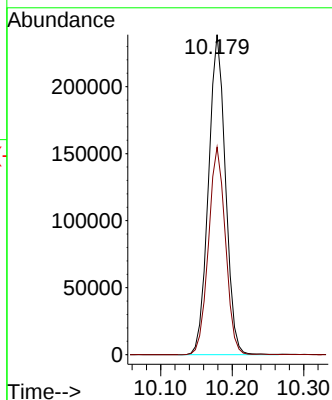
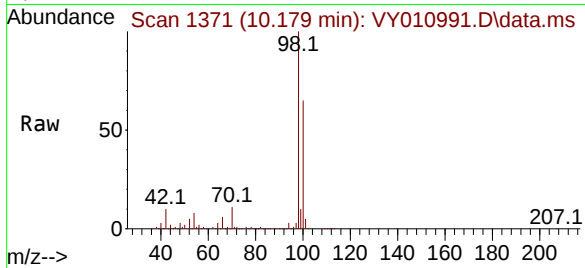




#50
Toluene-d8
Concen: 45.805 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010991.D
Acq: 18 Oct 2022 13:21

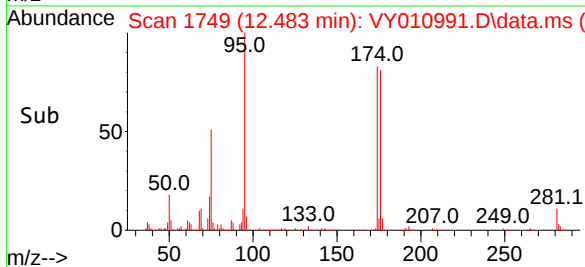
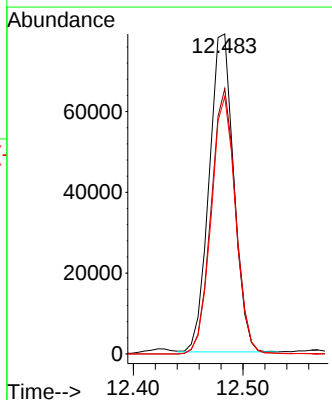
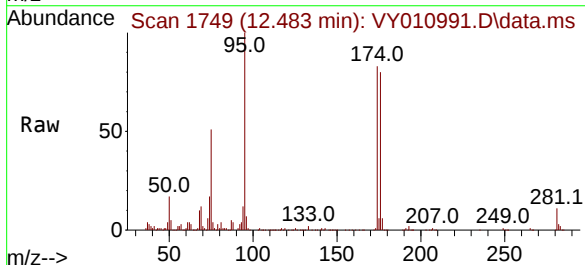
Instrument :
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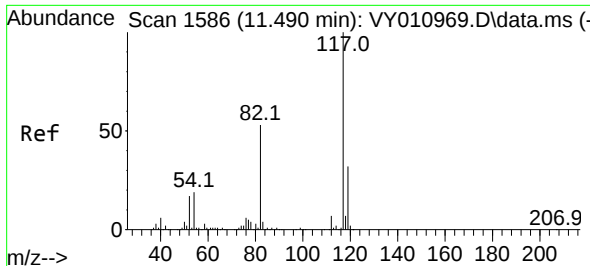
Tgt Ion: 98 Resp: 393378
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.771 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010991.D
Acq: 18 Oct 2022 13:21

Tgt Ion: 95 Resp: 122903
Ion Ratio Lower Upper
95 100
174 83.0 0.0 177.0
176 80.2 0.0 175.8

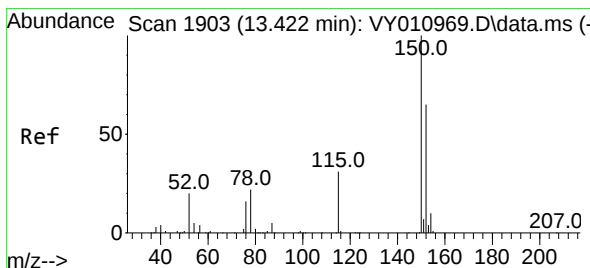
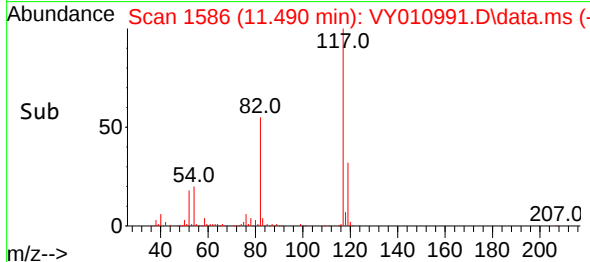
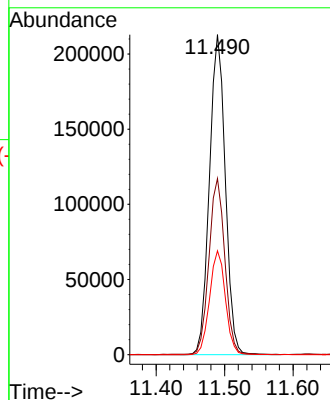
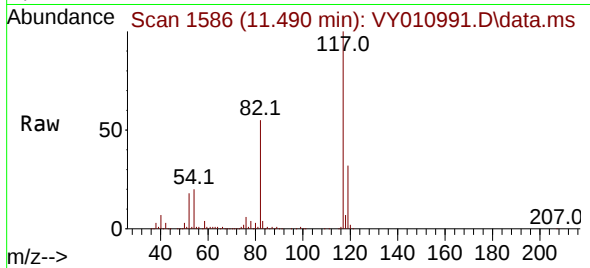




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010991.D
Acq: 18 Oct 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW5-GW-903-905

Tgt Ion:117 Resp: 343713
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.4
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010991.D
Acq: 18 Oct 2022 13:21

Tgt Ion:152 Resp: 131428
Ion Ratio Lower Upper
152 100
115 59.0 28.2 84.7
150 158.0 0.0 347.6

