

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092022\
 Data File : VY010569.D
 Acq On : 20 Sep 2022 12:16
 Operator : KP/MD
 Sample : VY0920SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0920SBL01

Quant Time: Sep 20 18:09:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	231485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	381163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	341670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157704	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	127674	57.664	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.320%
35) Dibromofluoromethane	7.716	113	119248	49.021	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.040%
50) Toluene-d8	10.179	98	458630	50.951	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.900%
62) 4-Bromofluorobenzene	12.477	95	145141	43.129	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.260%

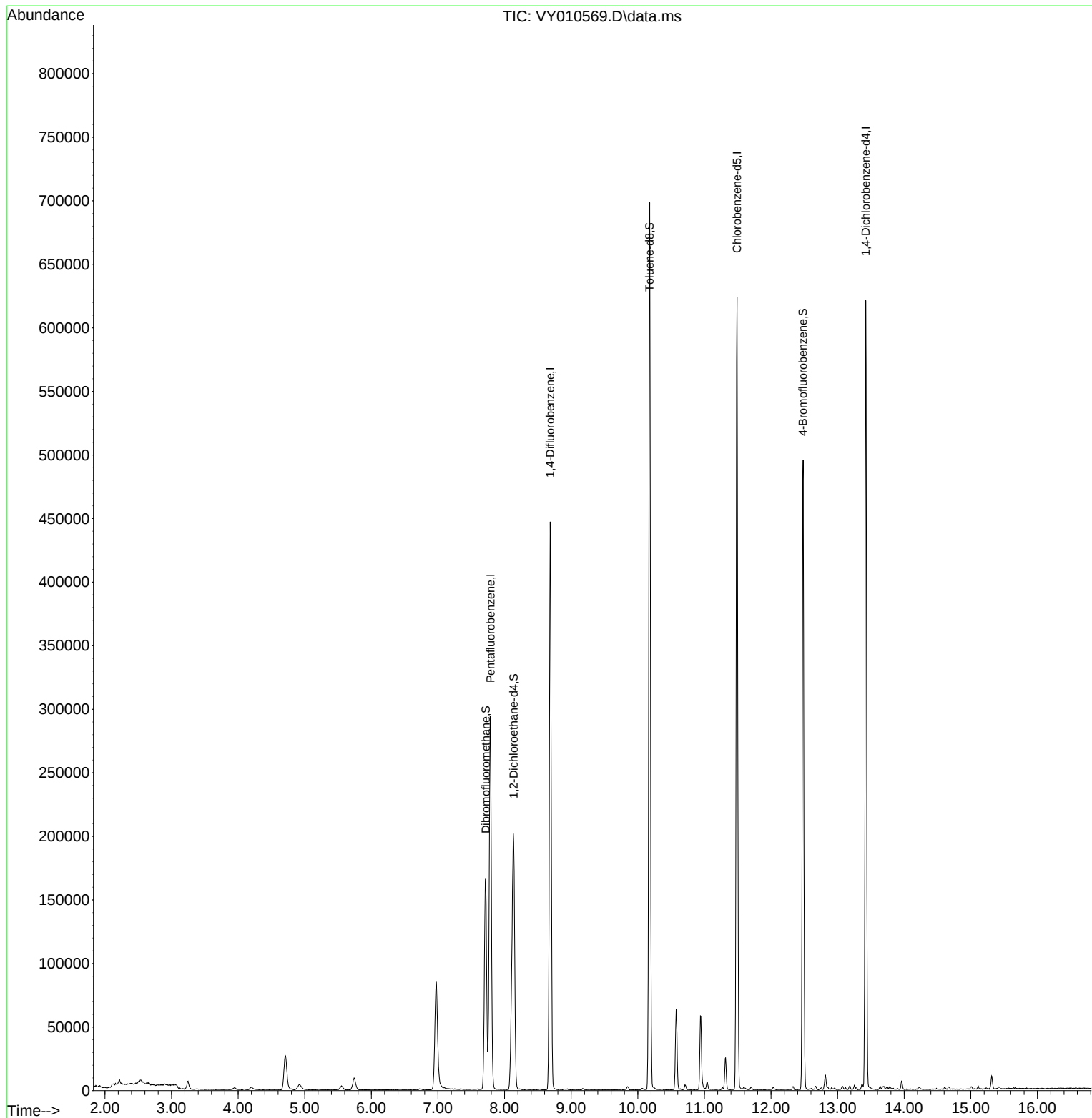
Target Compounds	Qvalue

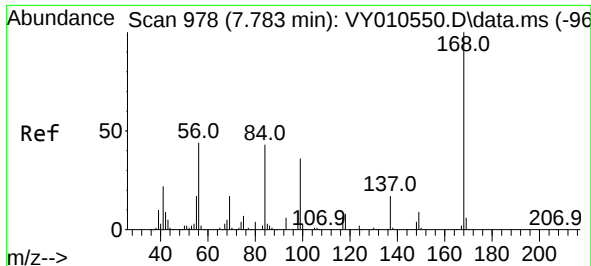
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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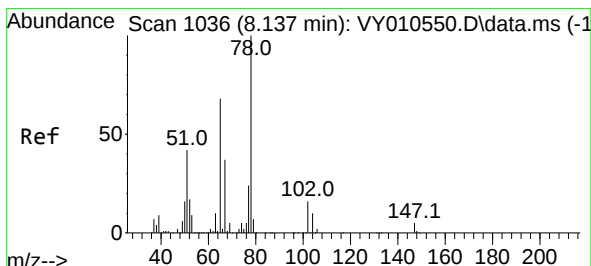
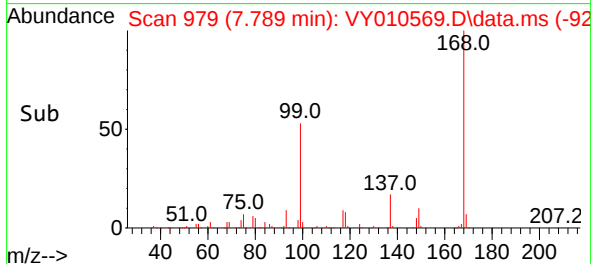
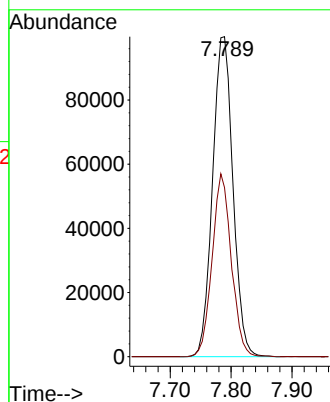
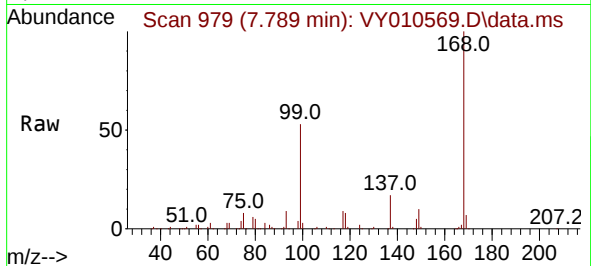




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010569.D
Acq: 20 Sep 2022 12:16

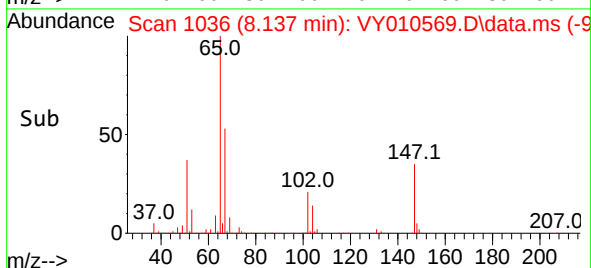
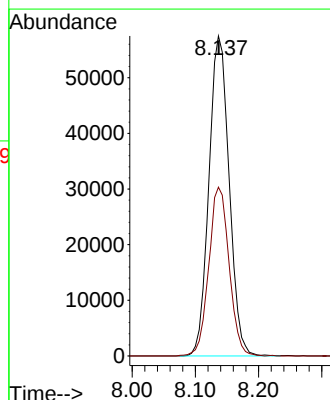
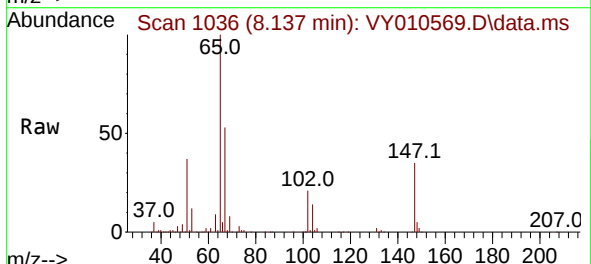
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBL01

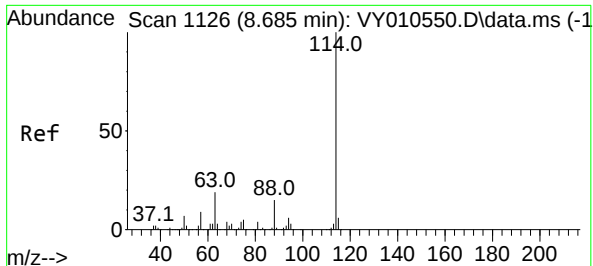
Tgt Ion:168 Resp: 231485
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.664 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY010569.D
Acq: 20 Sep 2022 12:16

Tgt Ion: 65 Resp: 127674
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010569.D

Acq: 20 Sep 2022 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBL01

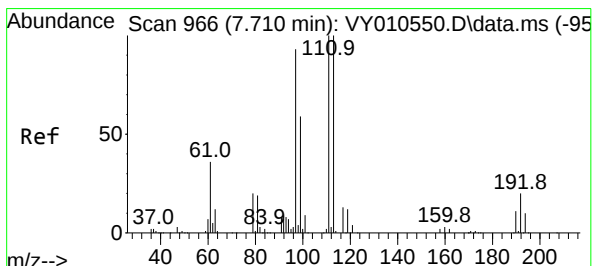
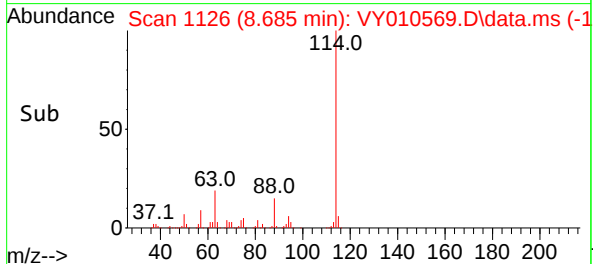
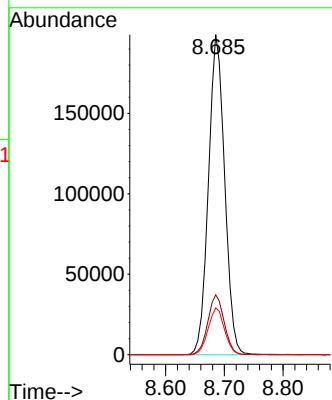
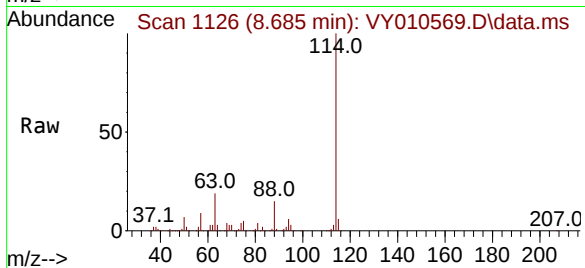
Tgt Ion:114 Resp: 381163

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.021 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010569.D

Acq: 20 Sep 2022 12:16

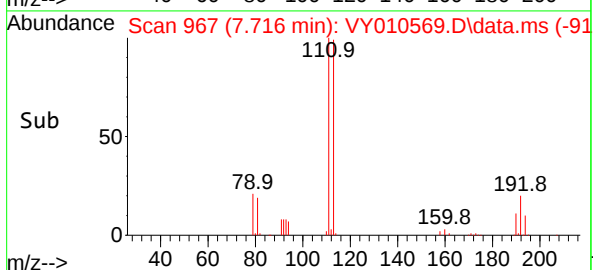
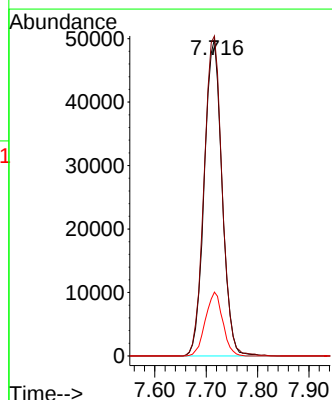
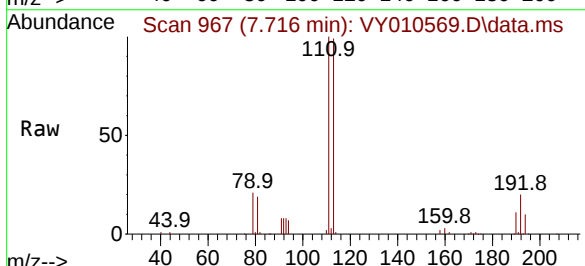
Tgt Ion:113 Resp: 119248

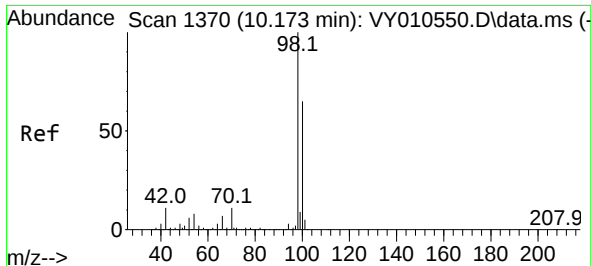
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 19.7 17.6 26.4

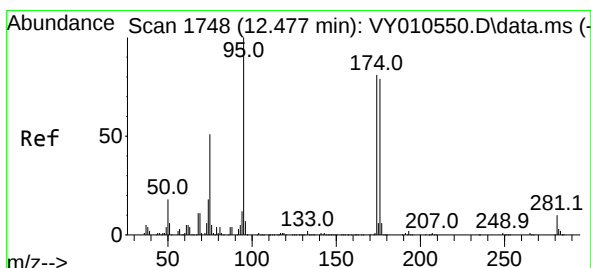
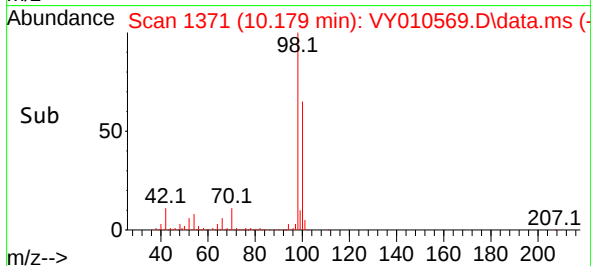
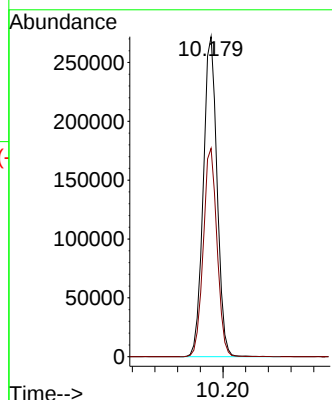
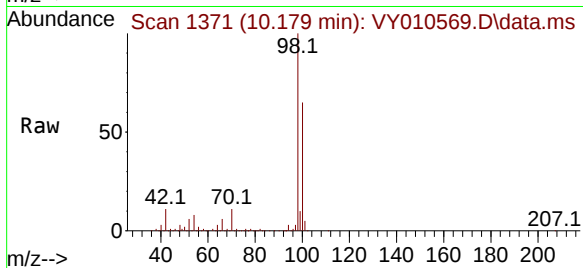




#50
Toluene-d8
Concen: 50.951 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VY010569.D
Acq: 20 Sep 2022 12:16

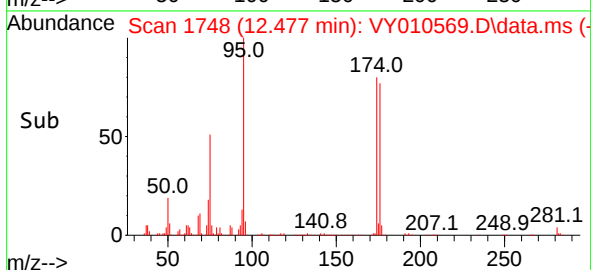
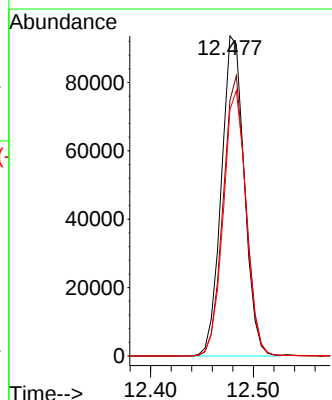
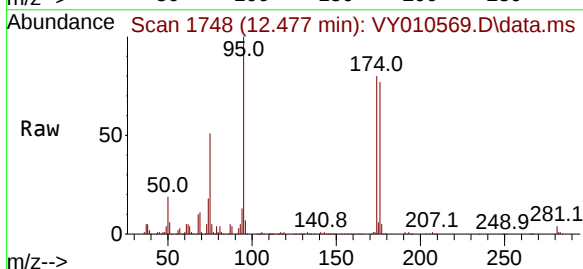
Instrument :
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VY0920SBL01

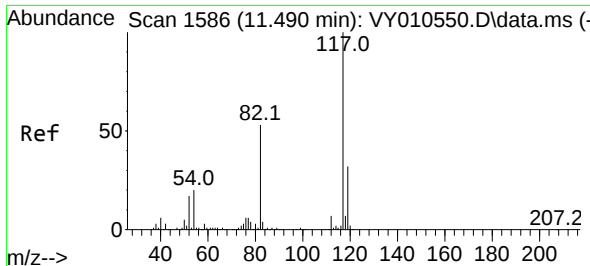
Tgt Ion: 98 Resp: 458630
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.129 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010569.D
Acq: 20 Sep 2022 12:16

Tgt Ion: 95 Resp: 145141
Ion Ratio Lower Upper
95 100
174 86.6 0.0 177.0
176 83.0 0.0 175.8

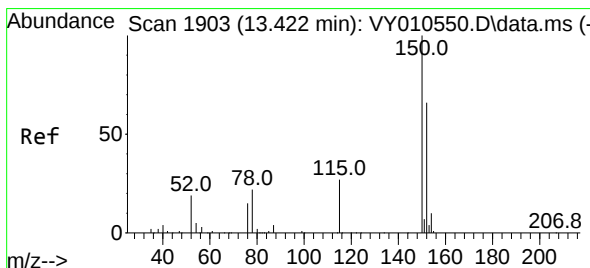
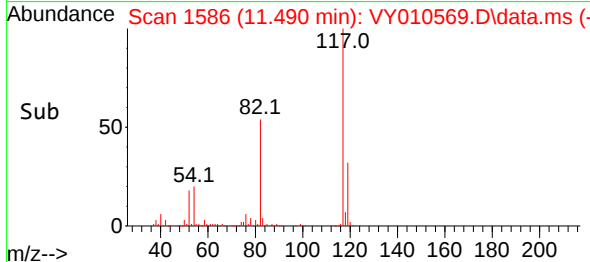
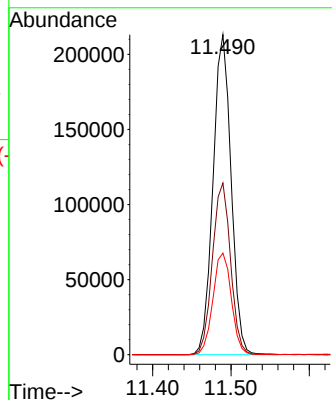
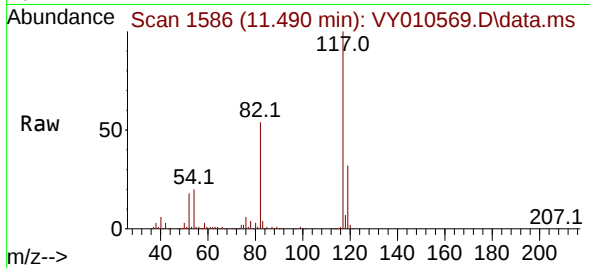




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY010569.D
Acq: 20 Sep 2022 12:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBL01

Tgt Ion:117 Resp: 341670
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 31.7 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: VY010569.D
Acq: 20 Sep 2022 12:16

Tgt Ion:152 Resp: 157704
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 157.2 0.0 347.6

